

SHADOW - Main Result

Calculation: Riebiņu VES mirgoša

Assumptions for shadow calculations

Maximum distance for influence
 Calculate only when more than 20 % of sun is covered by the blade
 Please look in WTG table

Minimum sun height over horizon for influence 3 °
 Day step for calculation 1 days
 Time step for calculation 1 minutes

The calculated times are "worst case" given by the following assumptions:

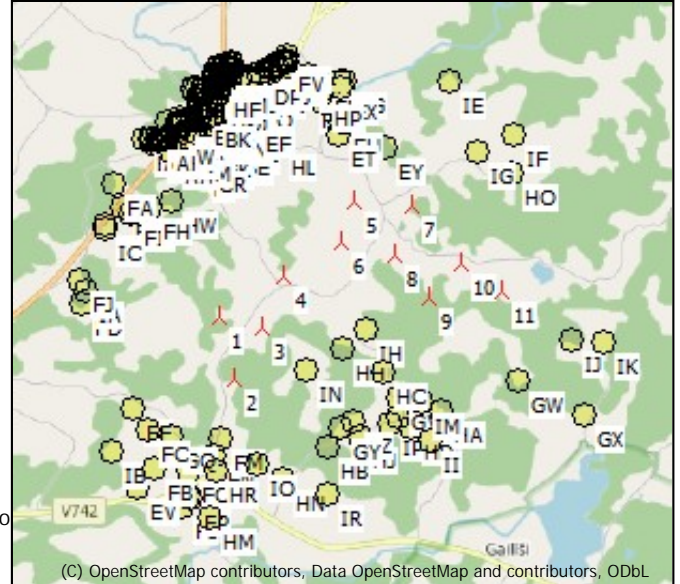
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

A ZVI (Zones of Visual Influence) calculation is performed before flicker calculation so non visible WTG do not contribute to calculated flicker values. A WTG will be visible if it is visible from any part of the receiver window. The ZVI calculation is based on the following assumptions:
 Height contours used: Project Wizard Elevation Data Grid (Latvian Elevation Receptor grid resolution: 1.0 m)

All coordinates are in
 Latvian TM LKS92-LKS92 (LV)

WTGs

Y	X	Z	Row data/Description	WTG type			Shadow data				
				Valid	Manufact.	Type-generator	Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Calculation distance [m]	RPM [RPM]
1	673 140 244 565	154.4	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-
2	673 363 243 748	158.3	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-
3	673 716 244 451	161.0	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-
4	673 967 245 143	168.0	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-
5	674 851 246 171	153.5	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-
6	674 720 245 607	155.8	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-
7	675 609 246 147	156.3	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-
8	675 433 245 483	171.2	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-
9	675 917 244 937	155.5	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-
10	676 309 245 408	163.7	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-
11	676 873 245 079	159.4	ENERCON E-175 EP5 6000 17...	Yes	ENERCON	E-175 EP5-6 000	6 000	175.0	162.0	1 737	-



Shadow receptor-Input

No.	Y	X	Z	Width	Height	Elevation a.g.l.	Slope of window	Direction mode	Eye height (ZVI) a.g.l.
A	672 868	247 403	138.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
B	672 666	247 572	140.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
C	672 778	247 393	141.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
D	672 763	247 420	140.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
E	672 743	247 447	139.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
F	672 862	247 435	137.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
G	672 771	247 559	139.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
H	672 785	246 793	141.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
I	672 893	246 585	147.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
J	672 830	246 601	142.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
K	672 908	246 554	149.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
L	672 841	246 572	145.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
M	672 801	246 758	143.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
N	672 745	246 775	142.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
O	672 772	246 711	143.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
P	672 861	246 641	143.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
Q	673 167	247 905	143.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5

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SHADOW - Main Result

Calculation: Riebiņu VES mirgoņa

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No.	Y	X	Z	Width	Height	Elevation a.g.l.	Slope of window	Direction mode	Eye height (ZVI) a.g.l.
			[m]	[m]	[m]	[m]	[°]		[m]
R	673 208	247 742	143.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
S	673 184	247 837	142.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
T	673 176	247 872	142.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
U	673 141	247 888	142.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
V	672 669	246 859	141.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
W	672 582	246 962	141.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
X	672 572	246 809	142.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
Y	672 536	246 814	141.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
Z	672 753	246 960	140.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AA	672 416	246 715	140.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AB	672 884	246 927	142.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AC	672 921	247 021	140.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AD	672 839	246 911	141.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AE	672 707	247 001	143.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AF	672 670	247 013	142.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AG	672 702	246 868	142.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AH	672 238	246 816	137.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AI	672 120	246 877	139.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AJ	672 397	246 893	142.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AK	672 306	246 876	141.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AL	672 306	246 823	139.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AM	672 892	246 802	144.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AN	673 172	247 462	143.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AO	673 389	247 720	147.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AP	673 448	247 742	148.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AQ	673 415	247 488	146.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AR	673 739	247 918	151.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AS	673 779	247 942	151.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AT	673 837	247 983	152.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AU	673 834	247 897	152.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AV	673 905	248 042	152.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AW	673 168	247 600	142.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AX	673 307	247 675	145.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AY	673 340	247 729	145.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
AZ	672 993	247 273	136.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BA	673 042	247 277	138.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BB	673 021	247 366	138.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BC	673 112	247 409	141.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BD	673 054	247 414	139.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BE	673 232	246 879	142.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BF	673 337	246 960	140.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BG	673 490	247 249	138.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BH	672 893	247 317	139.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BI	672 901	247 281	139.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BJ	673 159	247 060	144.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BK	672 931	247 209	140.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BL	673 007	247 888	140.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BM	673 084	247 676	141.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BN	673 103	247 733	141.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BO	673 061	247 672	140.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BP	673 045	247 733	140.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BQ	672 848	247 555	137.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BR	672 809	247 559	138.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BS	672 847	247 484	136.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BT	672 822	247 519	136.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BU	672 722	247 564	140.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BV	672 741	247 155	143.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BW	672 690	247 148	142.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BX	672 666	247 087	142.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BY	672 776	247 224	142.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
BZ	672 856	247 204	142.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5

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SHADOW - Main Result

Calculation: Riebiņu VES mirgoņa

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No.	Y	X	Z	Width	Height	Elevation a.g.l.	Slope of window	Direction mode	Eye height (ZVI) a.g.l.
			[m]	[m]	[m]	[m]	[°]		[m]
CA	672 827	247 178	142.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CB	672 829	247 262	142.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CC	672 801	246 654	143.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CD	672 815	246 732	144.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CE	672 758	246 742	143.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CF	672 832	246 701	145.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CG	673 174	247 740	142.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CH	673 160	247 935	143.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CI	673 165	247 775	142.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CJ	673 229	247 805	143.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CK	673 158	247 812	141.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CL	673 147	247 855	141.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CM	672 921	246 939	142.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CN	672 614	246 973	142.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CO	672 619	246 842	142.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CP	672 522	246 903	139.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CQ	672 842	246 978	140.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CR	672 794	246 956	141.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CS	672 512	246 807	141.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CT	672 949	247 026	141.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CU	672 694	246 925	140.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CV	672 669	246 916	140.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CW	672 895	247 009	140.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CX	672 744	246 879	141.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CY	672 367	246 873	142.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
CZ	672 239	246 858	139.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DA	672 198	246 871	140.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DB	672 161	246 874	139.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DC	672 350	246 895	143.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DD	672 377	246 919	143.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DE	672 339	246 848	140.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DF	672 278	246 861	140.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DG	672 274	246 813	138.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DH	673 035	246 849	144.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DI	672 853	246 784	143.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DJ	673 234	247 559	145.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DK	673 239	247 508	145.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DL	673 129	247 641	141.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DM	673 388	247 749	146.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DN	673 462	247 779	148.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DO	673 537	247 807	148.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DP	673 574	247 821	150.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DQ	673 526	247 759	148.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DR	673 624	247 685	148.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DS	673 670	247 830	150.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DT	673 705	247 855	150.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DU	673 744	247 876	151.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DV	673 901	247 974	152.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DW	673 281	247 700	144.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DX	673 340	247 690	145.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DY	673 049	247 510	139.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
DZ	673 118	247 382	140.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EA	672 995	247 438	136.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EB	673 009	247 155	138.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EC	672 932	247 170	140.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
ED	672 954	247 137	140.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EE	672 963	247 102	139.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EF	673 491	247 210	138.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EG	673 038	247 099	140.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EH	673 124	247 015	143.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EI	673 054	247 563	140.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5

To be continued on next page...

SHADOW - Main Result

Calculation: Riebiņu VES mirgoņa

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No.	Y	X	Z	Width	Height	Elevation a.g.l.	Slope of window	Direction mode	Eye height (ZVI) a.g.l.
			[m]	[m]	[m]	[m]	[°]		[m]
EJ	673 009	247 863	140.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EK	673 102	247 788	141.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EL	673 099	247 859	141.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EM	673 058	247 786	140.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EN	673 225	247 407	143.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EO	673 811	247 961	151.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EP	673 186	247 656	142.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EQ	672 787	246 677	143.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
ER	671 798	245 970	140.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
ES	672 028	246 887	139.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
ET	674 626	247 044	149.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EU	674 643	247 196	146.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EV	672 127	242 250	159.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EW	674 643	247 743	143.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EX	674 626	247 675	141.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EY	675 255	246 892	151.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
EZ	671 570	245 717	142.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FA	671 686	246 254	137.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FB	672 354	242 508	156.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FC	672 245	243 011	162.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FD	671 312	244 658	141.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FE	674 384	247 698	145.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FF	672 057	243 291	160.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FG	674 670	247 767	144.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FH	672 161	245 957	145.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FI	671 906	245 855	141.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FJ	671 291	244 967	138.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FK	671 961	245 883	142.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FL	672 751	242 008	151.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FM	673 235	242 948	161.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FN	673 143	242 710	158.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FO	672 804	242 514	151.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FP	672 859	242 135	152.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FQ	674 226	247 522	143.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FR	672 842	242 163	151.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FS	672 729	246 805	141.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FT	672 799	247 361	140.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FU	673 249	247 691	143.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FV	673 873	248 010	152.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FW	673 150	247 567	142.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FX	673 099	247 889	141.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FY	673 221	247 776	144.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
FZ	673 221	247 692	142.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GA	672 963	247 699	138.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GB	672 960	247 725	138.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GC	672 972	247 637	137.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GD	672 949	247 800	138.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GE	672 968	247 664	138.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GF	672 975	247 597	137.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GG	672 954	247 768	138.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GH	673 125	247 334	140.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GI	673 111	247 513	141.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GJ	672 862	247 110	143.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GK	672 936	246 834	146.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GL	673 016	246 948	143.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GM	673 160	246 805	142.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GN	673 106	247 082	142.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GO	672 885	246 759	144.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GP	674 412	247 453	145.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GQ	672 573	242 954	160.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GR	672 875	246 616	145.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5

To be continued on next page...

SHADOW - Main Result

Calculation: Riebiņu VES mirgoša

...continued from previous page

No.	Y	X	Z	Width	Height	Elevation a.g.l.	Slope of window	Direction mode	Eye height (ZVI) a.g.l.
			[m]	[m]	[m]	[m]	[°]		[m]
GS	672 734	247 010	143.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GT	672 923	247 244	140.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GU	672 519	247 112	142.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GV	675 563	243 589	155.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GW	677 155	243 898	157.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GX	678 053	243 467	155.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GY	674 791	243 152	168.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
GZ	674 968	243 248	166.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HA	676 155	243 443	158.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HB	674 647	242 898	164.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HC	675 339	243 933	162.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HD	675 742	243 190	157.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HE	673 204	247 355	141.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HF	673 037	247 634	140.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HG	673 156	247 578	142.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HH	674 791	244 215	159.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HI	672 999	247 529	139.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HJ	675 088	243 072	161.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HK	675 895	243 548	158.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HL	673 845	246 902	154.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HM	673 134	241 895	152.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HN	674 091	242 446	169.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HO	676 943	246 622	159.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HP	674 397	247 570	144.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HQ	672 543	247 127	143.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HR	673 189	242 515	153.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HS	672 441	247 071	141.6	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HT	673 120	247 476	142.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HU	673 108	247 444	141.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HV	674 177	247 802	148.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HW	672 460	246 080	148.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HX	672 982	247 505	139.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HY	673 142	247 754	141.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
HZ	672 657	247 542	139.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IA	671 369	244 847	139.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IB	671 782	242 707	160.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IC	671 581	245 666	142.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
ID	673 429	247 599	146.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IE	676 084	247 796	149.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IF	676 945	247 139	151.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IG	676 482	246 905	158.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IH	675 103	244 493	161.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
II	676 022	243 041	159.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IJ	677 834	244 461	156.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IK	678 255	244 430	166.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IL	675 559	243 325	158.3	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IM	675 871	243 538	159.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IN	674 329	243 899	162.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IO	673 717	242 623	163.0	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IP	675 455	243 254	155.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IQ	672 935	247 086	140.2	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IR	674 687	242 287	160.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IS	672 647	246 982	143.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IT	672 504	247 101	142.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IU	672 889	247 219	142.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IV	672 502	247 107	141.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IW	672 504	247 170	143.4	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IX	672 653	246 983	143.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IY	672 657	246 986	143.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
IZ	672 662	246 987	143.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
JA	672 493	247 076	142.5	1.4	1.5	1.0	90.0	"Green house mode"	2.5

To be continued on next page...

SHADOW - Main Result

Calculation: Riebiņu VES mirgoņa

...continued from previous page

No.	Y	X	Z	Width	Height	Elevation a.g.l.	Slope of window	Direction mode	Eye height (ZVI) a.g.l.
			[m]	[m]	[m]	[m]	[°]		[m]
JB	672 846	246 736	145.1	1.4	1.5	1.0	90.0	"Green house mode"	2.5
JC	672 343	247 121	142.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
JD	672 524	247 094	142.7	1.4	1.5	1.0	90.0	"Green house mode"	2.5
JE	672 526	247 088	142.8	1.4	1.5	1.0	90.0	"Green house mode"	2.5
JF	672 527	247 083	142.9	1.4	1.5	1.0	90.0	"Green house mode"	2.5

Calculation Results

Shadow receptor

Shadow, worst case

No.	Shadow hours per year [h/year]	Shadow days per year [days/year]	Max shadow hours per day [h/day]
A	0:00	0	0:00
B	0:00	0	0:00
C	0:00	0	0:00
D	0:00	0	0:00
E	0:00	0	0:00
F	0:00	0	0:00
G	0:00	0	0:00
H	0:00	0	0:00
I	0:00	0	0:00
J	0:00	0	0:00
K	0:00	0	0:00
L	0:00	0	0:00
M	0:00	0	0:00
N	0:00	0	0:00
O	0:00	0	0:00
P	0:00	0	0:00
Q	0:00	0	0:00
R	0:00	0	0:00
S	0:00	0	0:00
T	0:00	0	0:00
U	0:00	0	0:00
V	0:00	0	0:00
W	0:00	0	0:00
X	0:00	0	0:00
Y	0:00	0	0:00
Z	0:00	0	0:00
AA	0:00	0	0:00
AB	0:00	0	0:00
AC	0:00	0	0:00
AD	0:00	0	0:00
AE	0:00	0	0:00
AF	0:00	0	0:00
AG	0:00	0	0:00
AH	0:00	0	0:00
AI	0:00	0	0:00
AJ	0:00	0	0:00
AK	0:00	0	0:00
AL	0:00	0	0:00
AM	0:00	0	0:00
AN	0:00	0	0:00
AO	0:00	0	0:00
AP	0:00	0	0:00
AQ	0:00	0	0:00
AR	0:00	0	0:00
AS	0:00	0	0:00
AT	0:00	0	0:00
AU	0:00	0	0:00
AV	0:00	0	0:00

To be continued on next page...

SHADOW - Main Result

Calculation: Riebiū VES mirgòa

...continued from previous page

Shadow, worst case

No.	Shadow hours per year [h/year]	Shadow days per year [days/year]	Max shadow hours per day [h/day]
AW	0:00	0	0:00
AX	0:00	0	0:00
AY	0:00	0	0:00
AZ	0:00	0	0:00
BA	0:00	0	0:00
BB	0:00	0	0:00
BC	0:00	0	0:00
BD	0:00	0	0:00
BE	0:00	0	0:00
BF	10:20	33	0:24
BG	0:00	0	0:00
BH	0:00	0	0:00
BI	0:00	0	0:00
BJ	0:00	0	0:00
BK	0:00	0	0:00
BL	0:00	0	0:00
BM	0:00	0	0:00
BN	0:00	0	0:00
BO	0:00	0	0:00
BP	0:00	0	0:00
BQ	0:00	0	0:00
BR	0:00	0	0:00
BS	0:00	0	0:00
BT	0:00	0	0:00
BU	0:00	0	0:00
BV	0:00	0	0:00
BW	0:00	0	0:00
BX	0:00	0	0:00
BY	0:00	0	0:00
BZ	0:00	0	0:00
CA	0:00	0	0:00
CB	0:00	0	0:00
CC	0:00	0	0:00
CD	0:00	0	0:00
CE	0:00	0	0:00
CF	0:00	0	0:00
CG	0:00	0	0:00
CH	0:00	0	0:00
CI	0:00	0	0:00
CJ	0:00	0	0:00
CK	0:00	0	0:00
CL	0:00	0	0:00
CM	0:00	0	0:00
CN	0:00	0	0:00
CO	0:00	0	0:00
CP	0:00	0	0:00
CQ	0:00	0	0:00
CR	0:00	0	0:00
CS	0:00	0	0:00
CT	0:00	0	0:00
CU	0:00	0	0:00
CV	0:00	0	0:00
CW	0:00	0	0:00
CX	0:00	0	0:00
CY	0:00	0	0:00
CZ	0:00	0	0:00
DA	0:00	0	0:00
DB	0:00	0	0:00
DC	0:00	0	0:00
DD	0:00	0	0:00

To be continued on next page...

SHADOW - Main Result

Calculation: Riebiņu VES mirgoņa

...continued from previous page

Shadow, worst case

No.	Shadow hours per year [h/year]	Shadow days per year [days/year]	Max shadow hours per day [h/day]
DE	0:00	0	0:00
DF	0:00	0	0:00
DG	0:00	0	0:00
DH	0:00	0	0:00
DI	0:00	0	0:00
DJ	0:00	0	0:00
DK	0:00	0	0:00
DL	0:00	0	0:00
DM	0:00	0	0:00
DN	0:00	0	0:00
DO	0:00	0	0:00
DP	0:00	0	0:00
DQ	0:00	0	0:00
DR	0:00	0	0:00
DS	0:00	0	0:00
DT	0:00	0	0:00
DU	0:00	0	0:00
DV	0:00	0	0:00
DW	0:00	0	0:00
DX	0:00	0	0:00
DY	0:00	0	0:00
DZ	0:00	0	0:00
EA	0:00	0	0:00
EB	0:00	0	0:00
EC	0:00	0	0:00
ED	0:00	0	0:00
EE	0:00	0	0:00
EF	12:14	38	0:25
EG	0:00	0	0:00
EH	0:00	0	0:00
EI	0:00	0	0:00
EJ	0:00	0	0:00
EK	0:00	0	0:00
EL	0:00	0	0:00
EM	0:00	0	0:00
EN	0:00	0	0:00
EO	0:00	0	0:00
EP	0:00	0	0:00
EQ	0:00	0	0:00
ER	0:00	0	0:00
ES	0:00	0	0:00
ET	79:41	111	0:59
EU	61:03	96	0:55
EV	0:00	0	0:00
EW	0:00	0	0:00
EX	0:00	0	0:00
EY	172:09	116	1:44
EZ	0:00	0	0:00
FA	0:00	0	0:00
FB	0:00	0	0:00
FC	36:57	77	0:33
FD	0:00	0	0:00
FE	0:43	9	0:06
FF	18:50	49	0:30
FG	0:00	0	0:00
FH	24:37	64	0:26
FI	0:00	0	0:00
FJ	0:00	0	0:00
FK	0:00	0	0:00
FL	0:00	0	0:00

To be continued on next page...

SHADOW - Main Result

Calculation: Riebiņu VES mirgoņa

...continued from previous page

Shadow, worst case

No.	Shadow hours per year [h/year]	Shadow days per year [days/year]	Max shadow hours per day [h/day]
FM	0:00	0	0:00
FN	0:00	0	0:00
FO	0:00	0	0:00
FP	0:00	0	0:00
FQ	19:04	48	0:28
FR	0:00	0	0:00
FS	0:00	0	0:00
FT	0:00	0	0:00
FU	0:00	0	0:00
FV	0:00	0	0:00
FW	0:00	0	0:00
FX	0:00	0	0:00
FY	0:00	0	0:00
FZ	0:00	0	0:00
GA	0:00	0	0:00
GB	0:00	0	0:00
GC	0:00	0	0:00
GD	0:00	0	0:00
GE	0:00	0	0:00
GF	0:00	0	0:00
GG	0:00	0	0:00
GH	0:00	0	0:00
GI	0:00	0	0:00
GJ	0:00	0	0:00
GK	0:00	0	0:00
GL	0:00	0	0:00
GM	0:00	0	0:00
GN	0:00	0	0:00
GO	0:00	0	0:00
GP	17:39	44	0:29
GQ	0:00	0	0:00
GR	0:00	0	0:00
GS	0:00	0	0:00
GT	0:00	0	0:00
GU	0:00	0	0:00
GV	0:00	0	0:00
GW	0:00	0	0:00
GX	0:00	0	0:00
GY	18:35	55	0:28
GZ	12:02	40	0:25
HA	0:00	0	0:00
HB	21:15	57	0:29
HC	12:18	40	0:25
HD	0:00	0	0:00
HE	0:00	0	0:00
HF	0:00	0	0:00
HG	0:00	0	0:00
HH	82:48	171	0:38
HI	0:00	0	0:00
HJ	0:00	0	0:00
HK	0:00	0	0:00
HL	48:43	114	0:34
HM	0:00	0	0:00
HN	0:00	0	0:00
HO	47:24	109	0:32
HP	9:22	32	0:22
HQ	0:00	0	0:00
HR	0:00	0	0:00
HS	0:00	0	0:00
HT	0:00	0	0:00

To be continued on next page...

SHADOW - Main Result

Calculation: Riebiņu VES mirgoņa

...continued from previous page

Shadow, worst case

No.	Shadow hours per year [h/year]	Shadow days per year [days/year]	Max shadow hours per day [h/day]
HU	0:00	0	0:00
HV	0:00	0	0:00
HW	8:55	32	0:21
HX	0:00	0	0:00
HY	0:00	0	0:00
HZ	0:00	0	0:00
IA	0:00	0	0:00
IB	0:00	0	0:00
IC	0:00	0	0:00
ID	0:00	0	0:00
IE	0:45	9	0:07
IF	11:24	36	0:25
IG	24:22	52	0:36
IH	133:43	129	1:49
II	0:00	0	0:00
IJ	22:27	50	0:33
IK	24:26	72	0:29
IL	0:00	0	0:00
IM	0:00	0	0:00
IN	63:45	128	0:41
IO	0:00	0	0:00
IP	0:00	0	0:00
IQ	0:00	0	0:00
IR	0:00	0	0:00
IS	0:00	0	0:00
IT	0:00	0	0:00
IU	0:00	0	0:00
IV	0:00	0	0:00
IW	0:00	0	0:00
IX	0:00	0	0:00
IY	0:00	0	0:00
IZ	0:00	0	0:00
JA	0:00	0	0:00
JB	0:00	0	0:00
JC	0:00	0	0:00
JD	0:00	0	0:00
JE	0:00	0	0:00
JF	0:00	0	0:00

Total amount of flickering on the shadow receptors caused by each WTG

No.	Name	Worst case [h/year]
1	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30	79:40
2	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30	146:46
3	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30	55:24
4	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30	32:55
5	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31	193:27
6	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31	54:11
7	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31	162:28
8	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31	5:57
9	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31	79:59
10	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31	58:03
11	ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31	46:53

Total times in Receptor wise and WTG wise tables can differ, as a WTG can lead to flicker at 2 or more receptors simultaneously and/or receptors may receive flicker from 2 or more WTGs simultaneously.

SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: A - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (1)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: B - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (2)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:25	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: C - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (3)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: D - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (4)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
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10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: E - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (5)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: F - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (6)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: G - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (7)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: H - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (8)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
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	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
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	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: I - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (9)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: J - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (10)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
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	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: K - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (11)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
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8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:43
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:07	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: L - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (12)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
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24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: M - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (13)

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: N - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (14)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
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29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: O - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (15)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
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	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: P - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (16)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
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30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: Q - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (17)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
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	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: R - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (18)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: S - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (19)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: T - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (20)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
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29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: U - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (21)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: V - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (22)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

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2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: W - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (23)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: X - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (24)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
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	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: Y - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (25)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: Z - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (26)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AA - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (27)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
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27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AB - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (28)

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AC - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (29)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
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27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AD - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (30)
 Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AE - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (31)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AF - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (32)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
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29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AG - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (33)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

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	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
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	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
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	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
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Total, worst case												

Table layout: For each day in each month the following matrix apply

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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (34)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

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	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
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	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
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	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
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15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AI - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (35)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:25	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:27	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:11	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:27	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AJ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (36)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AK - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (37)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:48	15:49	15:40
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	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AL - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (38)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
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22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
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29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
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Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AM - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (39)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

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	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
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	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
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	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
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	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
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25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AN - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (40)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AO - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (41)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
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	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AP - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (42)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AQ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (43)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
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	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AR - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (44)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AS - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (45)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AT - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (46)
 Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:44	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AU - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (47)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:44	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AV - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (48)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:44	18:25	16:13	15:36
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:25	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AW - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (49)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AX - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (50)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AY - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (51)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
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	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
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14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
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16	08:37	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: AZ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (52)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BA - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (53)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BB - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (54)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BC - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (55)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BD - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (56)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BE - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (57)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:43
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BF - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (58)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December	
1	08:47 15:46	08:11 16:43		07:08 17:45	06:46 19:50	05:30 20:52	04:34 21:49	04:28 22:05	05:14 21:24	06:15 20:11	07:14 18:51	08:21 16:34	
2	08:47 15:47	08:09 16:45		07:05 17:47	06:43 19:52	05:28 20:54	04:33 21:50	04:29 22:05	05:15 21:22	06:17 20:08	07:16 18:48	08:22 16:31	
3	08:47 15:49	08:08 16:47		07:03 17:49	06:41 19:54	05:26 20:56	04:32 21:52	04:30 22:04	05:17 21:20	06:19 20:06	07:18 18:46	08:24 16:29	
4	08:46 15:50	08:06 16:50		07:00 17:51	06:38 19:56	05:23 20:58	04:31 21:53	04:31 22:04	05:19 21:18	06:21 20:03	07:21 18:43	08:26 16:27	
5	08:46 15:51	08:04 16:52		06:58 17:54	06:36 19:58	05:21 21:00	04:30 21:54	04:32 22:03	05:21 21:16	06:23 20:00	07:23 18:40	08:27 16:25	
6	08:45 15:53	08:01 16:54		06:55 17:56	06:33 20:00	05:19 21:02	04:29 21:55	04:33 22:02	05:23 21:14	06:25 19:58	07:25 18:38	08:29 16:23	
7	08:45 15:54	07:59 16:56		06:52 17:58	06:30 20:02	05:17 21:04	04:28 21:56	04:34 22:01	05:25 21:12	06:27 19:55	07:27 18:35	08:30 16:21	
8	08:44 15:56	07:57 16:59		06:50 18:00	06:28 20:05	05:15 21:06	04:27 21:58	04:35 22:01	05:27 21:10	06:29 19:53	07:29 18:32	08:32 16:19	
9	08:43 15:58	07:55 17:01		06:47 18:02	06:25 20:07	05:13 21:08	04:27 21:59	04:36 22:00	05:29 21:07	06:31 19:50	07:31 18:30	08:33 16:17	
10	08:42 15:59	07:53 17:03		06:45 18:04	06:22 20:09	05:10 21:10	04:26 22:00	04:38 21:59	05:31 21:05	06:33 19:47	07:33 18:27	08:34 16:15	
11	08:42 16:01	07:51 17:05		06:42 18:06	06:20 20:11	05:08 21:12	04:26 22:00	04:39 21:58	05:33 21:03	06:35 19:45	07:35 18:25	08:36 16:13	
12	08:41 16:03	07:49 17:08		06:39 18:08	06:17 20:13	05:06 21:14	04:25 22:01	04:40 21:57	05:35 21:01	06:37 19:42	07:37 18:22	08:37 16:11	
13	08:40 16:04	07:46 17:10	8	08:17 (5) 08:25 (5)	06:37 18:08	06:15 20:13	05:04 21:14	04:42 21:57	05:37 21:01	06:39 19:42	07:39 18:22	08:38 16:09	
14	08:39 16:06	07:44 17:12	13	08:14 (5) 08:27 (5)	06:34 18:11	06:12 20:15	05:02 21:16	04:43 22:02	05:39 21:55	06:41 19:39	07:41 18:20	08:49 (5) 08:54 (5)	07:47 16:07
15	08:38 16:08	07:42 17:14	17	08:12 (5) 08:29 (5)	06:31 18:13	06:09 20:17	05:00 21:18	04:44 22:03	05:41 21:54	06:43 19:36	07:43 18:17	08:46 (5) 08:51 (5)	07:49 16:05
16	08:36 16:10	07:39 17:16	20	08:11 (5) 08:31 (5)	06:29 18:17	06:07 20:21	04:59 21:22	04:46 22:04	05:43 21:52	06:45 19:31	07:45 18:12	08:54 (5) 09:00 (5)	07:52 16:04
17	08:35 16:12	07:37 17:19	21	08:10 (5) 08:32 (5)	06:26 18:19	06:04 20:23	04:57 21:24	04:47 22:05	05:45 21:50	06:47 19:28	07:47 18:09	08:54 (5) 09:01 (5)	07:54 16:02
18	08:34 16:14	07:35 17:21	23	08:09 (5) 08:32 (5)	06:23 18:21	06:02 20:25	04:55 21:26	04:49 22:05	05:47 21:49	06:49 19:26	07:49 18:07	08:54 (5) 09:02 (5)	07:56 16:00
19	08:33 16:16	07:32 17:23	24	08:09 (5) 08:33 (5)	06:21 18:23	05:59 20:27	04:53 21:28	04:51 22:06	05:49 21:47	06:50 19:23	07:52 18:04	08:54 (5) 09:02 (5)	07:58 15:59
20	08:31 16:18	07:30 17:25	24	08:08 (5) 08:32 (5)	06:18 18:25	05:57 20:29	04:51 21:29	04:52 22:06	05:51 21:46	06:52 19:20	07:54 18:02	08:40 (5) 09:03 (5)	08:00 15:57
21	08:30 16:20	07:28 17:28	24	08:09 (5) 08:32 (5)	06:15 18:27	05:54 20:31	04:50 21:31	04:54 22:06	05:53 21:44	06:54 19:18	07:56 17:59	08:39 (5) 09:03 (5)	08:02 15:56
22	08:28 16:22	07:25 17:30	23	08:08 (5) 08:32 (5)	06:13 18:29	05:52 20:34	04:48 21:33	04:56 22:06	05:55 21:43	06:56 19:15	07:58 17:57	08:38 (5) 09:02 (5)	08:04 15:54
23	08:27 16:24	07:23 17:32	24	08:09 (5) 08:32 (5)	06:10 18:31	05:49 20:36	04:46 21:35	04:57 22:07	05:57 21:41	06:58 19:12	08:00 17:55	08:39 (5) 09:03 (5)	08:06 15:53
24	08:25 16:26	07:20 17:34	23	08:10 (5) 08:30 (5)	06:07 18:34	05:47 20:38	04:45 21:36	04:59 22:07	05:59 21:39	07:00 19:10	08:02 17:52	08:39 (5) 09:02 (5)	08:08 15:51
25	08:24 16:28	07:18 17:36	19	08:09 (5) 08:29 (5)	06:05 18:36	05:45 20:40	04:43 21:38	04:25 22:07	05:01 21:38	06:01 19:07	07:04 16:50	07:39 (5) 08:01 (5)	08:10 15:50
26	08:22 16:30	07:15 17:38	15	08:12 (5) 08:27 (5)	06:02 18:38	05:42 20:42	04:42 21:40	05:02 22:07	06:03 21:36	07:04 19:04	07:06 16:47	07:39 (5) 08:00 (5)	08:12 15:49
27	08:20 16:32	07:13 17:41	10	08:14 (5) 08:24 (5)	05:59 18:40	05:40 20:44	04:40 21:41	05:04 22:06	06:05 21:34	07:06 19:02	07:09 16:45	07:41 (5) 08:00 (5)	08:13 15:47
28	08:19 16:34	07:10 17:43		05:57 18:42	05:37 20:46	04:39 21:43	04:26 22:06	05:06 21:32	06:07 20:21	07:08 18:59	07:11 16:43	07:42 (5) 07:58 (5)	08:15 15:46
29	08:17 16:36			06:54 19:44	05:35 20:48	04:38 21:44	04:27 22:06	05:08 21:30	06:09 20:19	07:10 18:56	07:13 16:40	07:44 (5) 07:56 (5)	08:17 15:45
30	08:15 16:39			06:51 19:46	05:33 20:50	04:36 21:46	04:27 22:06	05:10 21:28	06:11 20:16	07:12 18:54	07:15 16:38	07:47 (5) 07:54 (5)	08:19 15:44
31	08:13 16:41			06:49 19:48		04:35 21:47		05:12 21:26	06:13 20:14		07:17 16:36		08:47 15:45
Potential sun hours	236	266		366	426	507	528	528	469	384	324	248	217
Total, worst case		308								312			

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BG - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (59)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (60)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BI - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (61)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BJ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (62)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BK - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (63)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
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6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
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	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BL - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (64)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BM - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (65)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
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11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
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	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BN - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (66)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BO - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (67)

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
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	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BP - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (68)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BQ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (69)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BR - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (70)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
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22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
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	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BS - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (71)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BT - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (72)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BU - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (73)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BV - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (74)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
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14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BW - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (75)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
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	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BX - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (76)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BY - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (77)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
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	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
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27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: BZ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (78)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CA - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (79)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
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24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CB - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (80)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CC - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (81)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CD - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (82)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
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15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
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16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
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20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CE - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (83)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:07	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:09	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:11	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CF - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (84)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CG - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (85)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (86)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CI - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (87)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CJ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (88)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
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14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CK - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (89)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

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2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CL - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (90)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CM - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (91)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
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11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
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21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
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	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CN - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (92)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CO - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (93)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CP - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (94)

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
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30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CQ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (95)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CR - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (96)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CS - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (97)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CT - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (98)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
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24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CU - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (99)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CV - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (100)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
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	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
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14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CW - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (101)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CX - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (102)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CY - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (103)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: CZ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (104)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DA - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (105)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:25	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:27	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DB - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (106)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:25	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
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	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:07	08:12	08:47
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27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:13	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DC - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (107)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
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8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
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30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DD - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (108)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
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22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DE - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (109)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
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27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DF - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (110)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
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	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
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30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:13	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DG - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (111)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (112)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
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Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DI - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (113)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
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16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DJ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (114)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DK - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (115)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
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Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DL - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (116)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
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2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
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Total, worst case												

Table layout: For each day in each month the following matrix apply

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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DM - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (117)
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	January	February	March	April	May	June	July	August	September	October	November	December
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	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
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Total, worst case												

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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DN - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (118)
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The calculated times are "worst case" given by the following assumptions:

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2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
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	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
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17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DO - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (119)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DP - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (120)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DQ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (121)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DR - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (122)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
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	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
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24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DS - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (123)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DT - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (124)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DU - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (125)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DV - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (126)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:44	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DW - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (127)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
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16	08:37	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DX - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (128)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DY - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (129)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: DZ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (130)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
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	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
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	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EA - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (131)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EB - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (132)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EC - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (133)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: ED - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (134)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
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	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EE - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (135)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņū VES mirgoša Shadow receptor: EF - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (136)

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December			
1	08:47	08:11	08:45 (5)	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:15 (5)	08:21	
2	15:46	16:43	09:06 (5)	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	22	08:37 (5)	15:43
3	08:47	08:09	08:44 (5)	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22		08:14 (5)	08:22
4	15:47	16:45	09:06 (5)	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	23	08:37 (5)	15:42
5	08:47	08:08	08:44 (5)	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24		08:13 (5)	08:24
6	15:49	16:47	09:07 (5)	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	24	08:37 (5)	15:41
7	08:46	08:06	08:43 (5)	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26		08:14 (5)	08:26
8	15:50	16:50	09:07 (5)	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	24	08:38 (5)	15:40
9	08:46	08:04	08:43 (5)	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28		08:13 (5)	08:27
10	15:51	16:52	09:08 (5)	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	25	08:38 (5)	15:40
11	08:45	08:01	08:44 (5)	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30		08:13 (5)	08:29
12	15:53	16:54	09:08 (5)	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	24	08:37 (5)	15:39
13	08:45	07:59	08:44 (5)	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32		08:14 (5)	08:30
14	15:54	16:56	09:08 (5)	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	24	08:38 (5)	15:38
15	08:44	07:57	08:44 (5)	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35		08:14 (5)	08:32
16	15:56	16:59	09:08 (5)	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	23	08:37 (5)	15:38
17	08:43	07:55	08:44 (5)	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37		08:15 (5)	08:33
18	15:57	17:01	09:08 (5)	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	22	08:37 (5)	15:37
19	08:42	07:53	08:45 (5)	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39		08:16 (5)	08:34
20	15:59	17:03	09:08 (5)	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	20	08:36 (5)	15:37
21	08:42	07:51	08:45 (5)	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41		08:16 (5)	08:36
22	16:01	17:05	09:06 (5)	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	19	08:35 (5)	15:37
23	08:41	07:49	08:47 (5)	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43		08:18 (5)	08:37
24	16:03	17:08	09:06 (5)	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	17	08:35 (5)	15:36
25	08:40	07:46	08:47 (5)	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45		08:20 (5)	08:38
26	16:04	17:10	09:04 (5)	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	13	08:33 (5)	15:36
27	08:39	07:44	08:50 (5)	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47		08:23 (5)	08:39
28	16:06	17:12	09:02 (5)	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	9	08:32 (5)	15:36
29	08:38	07:42	08:53 (5)	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49		08:40	
30	16:08	17:14	08:59 (5)	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05		15:36	
31	08:36	07:39		06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52		08:41	
1	16:10	17:16		18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04		15:36	
2	08:35	07:37		06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54		08:42	
3	16:12	17:19		18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02		15:36	
4	08:34	07:35		06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56		08:43	
5	16:14	17:21		18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00		15:36	
6	08:33	07:32		06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58		08:43	
7	16:16	17:23		18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59		15:36	
8	08:31	07:30		06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00		08:44	
9	16:18	17:25		18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57		15:37	
10	08:30	07:28		06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02		08:45	
11	16:20	17:27		18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56		15:37	
12	08:28	07:25		06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04		08:45	
13	16:22	17:30		18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54		15:38	
14	08:27	07:23		06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06		08:46	
15	16:24	17:32		18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53		15:38	
16	08:25	07:20		06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08		08:46	
17	16:26	17:34		18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51		15:39	
18	08:24	07:18		06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10		08:47	
19	16:28	17:36		18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50		15:39	
20	08:22	07:15		06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12		08:47	
21	16:30	17:38		18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49		15:40	
22	08:20	07:13		05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13		08:47	
23	16:32	17:41		18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48		15:41	
24	08:19		08:50 (5)	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11		08:19 (5)	08:15
25	16:34		08:59 (5)	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	13	08:32 (5)	15:46
26	08:17		08:48 (5)		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13		08:17 (5)	08:17
27	16:36		09:01 (5)		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	17	08:34 (5)	15:45
28	08:15		08:46 (5)		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15		08:16 (5)	08:19
29	16:39		09:03 (5)		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	19	08:35 (5)	15:44
30	08:13		08:45 (5)		06:49	05:45	04:35		05:12	06:13		07:17		08:15 (5)	08:17
31	16:41		09:04 (5)		19:48		21:47		21:26	20:14		16:36	21	08:36 (5)	15:45
Potential sun hours	236														
Total, worst case	58	266	309	366	426	507	528	528	469	384	324	78	248	289	217

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EG - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (137)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
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14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
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15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (138)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
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	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EI - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (139)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

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	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EJ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (140)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EK - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (141)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
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11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EL - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (142)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EM - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (143)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
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30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EN - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (144)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
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	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EO - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (145)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EP - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (146)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EQ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (147)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: ER - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (148)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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14	08:39	07:44	06:34	06:12	05:03	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:50	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:33	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:30	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:03	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:40
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	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:27	19:04	16:48	15:49	15:40
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: ES - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (149)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:25	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:56	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:32	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:50	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:33	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:07	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:27	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:11	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:13	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:27	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: ET - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (150)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

The sun is shining all the day, from sunrise to sunset

The rotor plane is always perpendicular to the line from the WTG to the sun

The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47 15:46	11:00 (5) 11:47 (5)	08:11 16:43	09:01 (7) 17:45	07:08 19:50	06:46 20:52	05:30 21:49	04:34 22:05	04:28 21:24	05:13 20:11	06:15 18:51	07:14 15:48
2	08:47 15:47	11:00 (5) 11:48 (5)	08:09 16:45	09:01 (7) 17:47	07:05 19:52	06:43 20:54	05:28 21:50	04:33 22:05	04:29 21:22	05:15 20:08	06:17 18:48	07:16 15:48
3	08:46 15:49	11:00 (5) 11:48 (5)	08:07 16:47	09:01 (7) 17:49	07:03 19:54	06:41 20:56	05:26 21:52	04:32 22:04	04:30 21:20	05:17 20:06	06:19 18:46	07:18 15:41
4	08:46 15:50	11:01 (5) 11:48 (5)	08:05 16:50	09:01 (7) 17:51	07:00 19:56	06:38 20:58	05:23 21:53	04:31 22:04	04:31 21:18	05:19 20:03	06:21 18:43	07:20 15:40
5	08:46 15:51	11:02 (5) 11:50 (5)	08:03 16:52	09:01 (7) 17:54	07:00 19:58	06:35 21:00	05:21 21:54	04:30 22:03	04:32 21:16	05:21 20:00	06:23 18:40	07:22 15:38
6	08:45 15:53	11:02 (5) 11:50 (5)	08:01 16:54	09:02 (7) 17:56	07:00 20:00	06:33 21:02	05:19 21:55	04:29 22:02	04:33 21:14	05:23 19:58	06:25 18:38	07:25 15:36
7	08:45 15:54	11:02 (5) 11:50 (5)	07:59 16:56	09:02 (7) 17:58	07:00 20:02	06:30 21:04	05:17 21:56	04:28 22:01	04:34 21:12	05:25 19:55	06:27 18:35	07:27 15:34
8	08:44 15:56	11:03 (5) 11:50 (5)	07:57 16:59	09:02 (7) 18:00	07:00 20:04	06:28 21:06	05:15 21:57	04:27 22:01	04:35 21:10	05:27 19:52	06:29 18:32	07:29 15:32
9	08:43 15:57	11:03 (5) 11:51 (5)	07:55 17:01	09:03 (7) 18:02	07:00 20:07	06:27 21:08	05:14 21:59	04:27 22:00	04:36 21:07	05:29 19:50	06:31 18:30	07:31 15:30
10	08:42 15:59	11:04 (5) 11:51 (5)	07:53 17:03	09:05 (7) 18:04	07:00 20:09	06:25 21:10	05:13 21:59	04:26 21:05	04:37 20:05	05:31 19:47	06:33 18:27	07:33 15:28
11	08:42 16:01	11:04 (5) 11:52 (5)	07:51 17:05	09:05 (7) 18:06	07:00 20:11	06:24 21:12	05:12 22:00	04:25 21:58	04:39 21:03	05:33 19:44	06:35 18:25	07:35 15:27
12	08:41 16:02	11:05 (5) 11:52 (5)	07:49 17:07	09:07 (7) 18:08	07:00 20:13	06:17 21:14	05:06 22:01	04:25 21:56	04:40 21:00	05:35 19:42	06:37 18:22	07:37 15:26
13	08:40 16:04	11:05 (5) 11:52 (5)	07:46 17:10	09:08 (7) 18:11	07:00 20:15	06:15 21:16	05:04 22:02	04:25 21:55	04:41 20:58	05:37 19:39	06:39 18:19	07:39 15:25
14	08:39 16:06	11:06 (5) 11:52 (5)	07:44 17:12	09:11 (7) 18:13	07:00 20:17	06:12 21:18	05:02 22:03	04:24 21:54	04:43 20:56	05:39 19:36	06:41 18:17	07:41 15:24
15	08:38 16:08	11:07 (5) 11:53 (5)	07:42 17:14	09:12 (7) 18:15	07:00 20:19	06:09 21:20	05:00 22:03	04:24 21:53	04:44 20:53	05:41 19:34	06:42 18:14	07:43 15:23
16	08:36 16:10	11:07 (5) 11:52 (5)	07:39 17:16	09:13 (7) 18:17	07:00 20:21	06:07 21:22	04:59 22:04	04:24 21:52	04:46 20:51	05:43 19:31	06:44 18:12	07:45 15:22
17	08:35 16:12	11:08 (5) 11:53 (5)	07:37 17:19	09:14 (7) 18:19	07:00 20:23	06:04 21:24	04:57 22:05	04:23 21:50	04:47 20:49	05:45 19:28	06:46 18:09	07:47 15:21
18	08:34 16:14	11:08 (5) 11:52 (5)	07:35 17:21	09:15 (7) 18:21	07:00 20:25	06:02 21:26	04:55 22:05	04:23 21:49	04:49 20:46	05:47 19:26	06:48 18:07	07:49 15:20
19	08:33 16:16	11:09 (5) 11:53 (5)	07:32 17:23	09:16 (7) 18:23	07:00 20:27	05:59 21:27	04:53 22:05	04:23 21:47	04:50 20:44	05:49 19:23	06:50 18:04	07:51 15:19
20	08:31 16:18	11:10 (7) 11:52 (5)	07:30 17:25	09:17 (7) 18:25	07:00 20:29	05:57 21:29	04:51 22:06	04:23 21:46	04:52 20:41	05:51 19:20	06:52 18:02	07:54 15:18
21	08:30 16:20	11:11 (5) 11:52 (5)	07:28 17:27	09:18 (7) 18:27	07:00 20:31	05:54 21:31	04:50 22:06	04:23 21:44	04:54 20:39	05:53 19:18	06:54 18:00	07:56 15:17
22	08:28 16:22	11:12 (5) 11:51 (5)	07:25 17:30	09:19 (7) 18:29	07:00 20:33	05:52 21:33	04:48 22:06	04:24 21:43	04:55 20:36	05:55 19:15	06:56 18:00	07:58 15:16
23	08:27 16:24	11:13 (5) 11:51 (5)	07:23 17:32	09:20 (7) 18:31	07:00 20:36	05:51 21:35	04:46 22:06	04:24 21:41	04:57 20:34	05:57 19:12	06:58 18:00	07:59 15:15
24	08:25 16:26	11:14 (5) 11:51 (5)	07:20 17:34	09:21 (7) 18:33	07:00 20:38	05:49 21:36	04:44 22:07	04:24 21:39	04:59 20:31	05:59 19:10	07:00 18:00	08:02 15:14
25	08:24 16:28	11:15 (5) 11:50 (5)	07:18 17:36	09:22 (7) 18:36	07:00 20:40	05:44 21:38	04:43 22:07	04:25 21:38	05:01 20:29	06:01 19:07	07:02 18:00	08:04 15:13
26	08:22 16:30	11:16 (5) 11:49 (5)	07:15 17:38	09:23 (7) 18:38	07:00 20:42	05:42 21:40	04:42 22:06	04:25 21:36	05:02 20:26	06:03 19:04	07:04 18:00	08:06 15:12
27	08:20 16:32	11:17 (5) 11:48 (5)	07:13 17:41	09:24 (7) 18:40	07:00 20:44	05:40 21:41	04:40 22:06	04:26 21:34	05:04 20:24	06:05 19:02	07:06 18:00	08:08 15:11
28	08:19 16:34	11:18 (5) 11:46 (5)	07:10 17:43	09:25 (7) 18:42	07:00 20:46	05:37 21:43	04:39 22:06	04:26 21:32	05:06 20:21	06:07 18:59	07:08 18:00	08:10 15:10
29	08:17 16:36	11:19 (5) 11:45 (5)	07:07 17:44	09:26 (7) 18:44	07:00 20:48	05:35 21:44	04:38 22:06	04:27 21:30	05:08 20:19	06:09 18:56	07:10 18:00	08:12 15:09
30	08:15 16:39	11:20 (5) 11:43 (5)	07:05 17:43	09:27 (7) 18:46	07:00 20:50	05:33 21:46	04:36 22:06	04:27 21:28	05:10 20:16	06:11 18:54	07:12 18:00	08:14 15:08
31	08:13 16:41	11:21 (5) 11:39 (5)	07:03 17:41	09:28 (7) 18:49	07:00 21:47	05:31 21:47	04:35 21:26	05:12 21:26	06:13 20:13	07:13 18:54	08:14 18:00	09:16 15:07
Potential sun hours	236											
Total, worst case	1538	266	372	366	426	507	528	528	469	384	324	83
												1315
												1473

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EU - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (151)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December	
1	08:47 15:46	11:15 (5) 11:56 (5)	08:11 16:43	09:22 (7) 17:45	07:08 19:50	06:46 20:52	05:30 21:49	04:34 22:05	04:28 21:24	05:13 20:11	06:15 18:51	07:14 16:34	08:21 15:43
2	08:47 15:47	11:16 (5) 16:45	08:09 16:45	09:23 (7) 17:47	07:05 19:52	06:43 20:54	05:28 21:50	04:33 22:05	04:29 21:22	05:15 20:08	06:17 18:48	07:21 16:31	08:22 15:42
3	08:46 15:49	11:16 (5) 16:47	08:07 16:47	09:24 (7) 17:49	07:03 19:54	06:41 20:56	05:26 21:52	04:32 22:04	04:30 21:20	05:17 20:06	06:19 18:46	07:18 16:29	08:24 15:41
4	08:46 15:50	11:17 (5) 16:50	08:05 16:50	09:24 (7) 17:51	07:00 19:56	06:38 20:58	05:23 21:53	04:31 22:04	04:31 21:18	05:19 20:03	06:21 18:43	07:20 16:27	08:26 15:40
5	08:46 15:51	11:18 (5) 16:52	08:03 16:52	09:26 (7) 17:54	07:00 19:58	06:35 21:00	05:21 21:54	04:32 22:03	04:32 21:16	05:21 20:00	06:23 18:40	07:22 16:25	08:27 15:39
6	08:45 15:53	11:18 (5) 16:54	08:01 16:54	09:29 (7) 17:56	07:00 20:00	06:33 21:02	05:19 21:55	04:29 22:02	04:33 21:14	05:23 20:00	06:25 18:38	07:25 16:23	08:29 15:39
7	08:45 15:54	11:19 (5) 16:56	07:59 16:56	09:33 (7) 17:58	07:00 20:02	06:30 21:04	05:17 21:56	04:28 22:01	04:34 21:12	05:25 20:00	06:27 18:35	07:27 16:21	08:30 15:38
8	08:44 15:56	11:18 (5) 16:59	07:57 16:59	09:39 (7) 17:58	07:00 20:02	06:28 21:04	05:15 21:57	04:27 22:01	04:35 21:10	05:27 20:00	06:29 18:35	07:29 16:19	08:32 15:38
9	08:43 15:57	11:18 (5) 17:01	07:55 17:01	09:42 (7) 17:58	07:00 20:02	06:25 21:06	05:12 21:57	04:27 22:01	04:36 21:10	05:29 20:00	06:31 18:32	07:31 16:19	08:33 15:38
10	08:42 15:59	11:18 (5) 17:03	07:53 17:03	09:42 (7) 17:58	07:00 20:02	06:22 21:08	05:10 21:59	04:26 22:00	04:37 21:07	05:31 20:00	06:33 18:30	07:33 16:17	08:34 15:37
11	08:42 16:01	11:18 (5) 17:05	07:51 17:05	09:42 (7) 17:58	07:00 20:02	06:20 21:10	05:08 21:59	04:25 22:05	04:39 21:05	05:33 20:00	06:35 18:27	07:35 16:15	08:35 15:37
12	08:41 16:02	11:18 (5) 17:07	07:49 17:07	09:42 (7) 17:58	07:00 20:02	06:17 21:12	05:06 22:00	04:25 22:10	04:40 21:00	05:35 20:00	06:37 18:25	07:37 16:13	08:37 15:37
13	08:40 16:04	11:18 (5) 17:10	07:46 17:10	09:42 (7) 17:58	07:00 20:02	06:15 21:14	05:04 22:01	04:25 22:15	04:41 21:00	05:37 20:00	06:39 18:22	07:39 16:11	08:38 15:36
14	08:39 16:06	11:18 (5) 17:12	07:44 17:12	09:42 (7) 17:58	07:00 20:02	06:12 21:16	05:02 22:02	04:24 22:20	04:43 21:00	05:39 20:00	06:41 18:19	07:41 16:09	08:39 15:36
15	08:38 16:08	11:18 (5) 17:14	07:42 17:14	09:42 (7) 17:58	07:00 20:02	06:10 21:18	05:00 22:03	04:24 22:23	04:44 21:00	05:41 20:00	06:42 18:17	07:43 16:07	08:40 15:36
16	08:36 16:10	11:18 (5) 17:16	07:39 17:16	09:42 (7) 17:58	07:00 20:02	06:07 21:20	04:58 22:03	04:24 22:24	04:46 21:00	05:43 20:00	06:44 18:14	07:45 16:05	08:41 15:36
17	08:35 16:12	11:18 (5) 17:19	07:37 17:19	09:42 (7) 17:58	07:00 20:02	06:04 21:22	04:57 22:05	04:23 22:24	04:47 21:00	05:45 20:00	06:46 18:09	07:47 16:02	08:42 15:36
18	08:34 16:14	11:18 (5) 17:21	07:35 17:21	09:42 (7) 17:58	07:00 20:02	06:02 21:24	04:55 22:05	04:23 22:24	04:49 21:00	05:47 20:00	06:48 18:07	07:49 16:00	08:43 15:36
19	08:33 16:16	11:18 (5) 17:23	07:32 17:23	09:42 (7) 17:58	07:00 20:02	06:01 21:26	04:53 22:06	04:23 22:24	04:50 21:00	05:49 20:00	06:50 18:04	07:51 15:59	08:43 15:36
20	08:31 16:18	11:18 (5) 17:25	07:30 17:25	09:42 (7) 17:58	07:00 20:02	06:00 21:28	04:51 22:06	04:23 22:24	04:52 21:00	05:51 20:00	06:52 18:02	07:54 15:57	08:44 15:37
21	08:30 16:20	11:18 (5) 17:27	07:28 17:27	09:42 (7) 17:58	07:00 20:02	05:59 21:29	04:50 22:06	04:23 22:24	04:54 21:00	05:53 20:00	06:54 18:00	07:56 15:54	08:45 15:37
22	08:28 16:22	11:18 (5) 17:30	07:25 17:30	09:42 (7) 17:58	07:00 20:02	05:57 21:31	04:48 22:06	04:24 22:24	04:55 21:00	05:55 20:00	06:56 18:00	07:58 15:54	08:45 15:37
23	08:27 16:24	11:18 (5) 17:32	07:23 17:32	09:42 (7) 17:58	07:00 20:02	05:55 21:33	04:48 22:06	04:24 22:24	04:55 21:00	05:55 20:00	06:56 18:00	07:58 15:53	08:45 15:38
24	08:25 16:26	11:18 (5) 17:34	07:20 17:34	09:42 (7) 17:58	07:00 20:02	05:54 21:35	04:48 22:06	04:24 22:24	04:55 21:00	05:55 20:00	06:57 18:00	07:59 15:53	08:46 15:39
25	08:24 16:28	11:18 (5) 17:36	07:18 17:36	09:42 (7) 17:58	07:00 20:02	05:53 21:37	04:48 22:06	04:24 22:24	04:55 21:00	05:55 20:00	06:58 18:00	07:59 15:53	08:46 15:39
26	08:22 16:30	11:18 (5) 17:38	07:15 17:38	09:42 (7) 17:58	07:00 20:02	05:52 21:39	04:48 22:06	04:24 22:24	04:55 21:00	05:55 20:00	06:59 18:00	07:59 15:53	08:46 15:39
27	08:20 16:32	11:18 (5) 17:41	07:13 17:41	09:42 (7) 17:58	07:00 20:02	05:51 21:41	04:48 22:06	04:24 22:24	04:55 21:00	05:55 20:00	06:59 18:00	07:59 15:53	08:46 15:39
28	08:19 16:34	11:18 (5) 17:43	07:10 17:43	09:42 (7) 17:58	07:00 20:02	05:50 21:43	04:48 22:06	04:24 22:24	04:55 21:00	05:55 20:00	06:59 18:00	07:59 15:53	08:46 15:39
29	08:17 16:36	11:18 (5) 17:45	07:07 17:45	09:42 (7) 17:58	07:00 20:02	05:49 21:45	04:48 22:06	04:24 22:24	04:55 21:00	05:55 20:00	06:59 18:00	07:59 15:53	08:46 15:39
30	08:15 16:39	11:18 (5) 17:47	07:05 17:47	09:42 (7) 17:58	07:00 20:02	05:48 21:47	04:48 22:06	04:24 22:24	04:55 21:00	05:55 20:00	06:59 18:00	07:59 15:53	08:46 15:39
31	08:13 16:41	11:18 (5) 17:49	07:03 17:49	09:42 (7) 17:58	07:00 20:02	05:47 21:49	04:48 22:06	04:24 22:24	04:55 21:00	05:55 20:00	06:59 18:00	07:59 15:53	08:46 15:39
Potential sun hours	236	266	311	366	426	507	528	528	469	384	324	248	1290
Total, worst case	1285	131											

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EV - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (152)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:31	04:34	04:29	05:14	06:15	07:15	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:21	08:22
	15:48	16:46	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:30	15:42
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:46	08:03	06:58	06:36	05:22	04:30	04:32	05:22	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:29	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:36	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:27	04:38	05:31	06:33	07:33	07:39	08:34
	16:00	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:06	18:07	20:11	21:12	22:00	21:57	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:41	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:37
14	08:39	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:08	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:15	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:29	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:37
19	08:33	07:32	06:21	06:00	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:53	05:51	06:53	07:54	08:00	08:44
	16:18	17:26	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:55	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:38
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:58	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:52	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:03	08:04	08:10	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:26	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:39	18:38	20:42	21:40	22:06	21:36	20:26	19:04	16:48	15:49	15:40
27	08:20	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:38	04:39	04:27	05:06	06:07	07:08	08:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:47	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:36		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EW - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (153)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:34	08:32
	15:56	16:58	18:00	20:04	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:44	18:25	16:13	15:36
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:24	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:58	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:58	08:43
	16:15	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:17	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:19	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:54	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:33	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:25	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:32	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EX - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (154)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:34	08:32
	15:56	16:58	18:00	20:04	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:44	18:25	16:13	15:36
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:24	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:58	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:58	08:43
	16:15	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:17	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:19	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:33	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:25	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:32	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EY - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (155)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	January	February	March	April	May	June					
1	08:47	10:17 (7)	08:11	10:26 (7)	07:08	06:46	05:30	04:34			
	15:46	101	14:37 (5)	16:43	96	15:01 (5)	17:45	19:50	20:52	21:49	
2	08:47	101	10:18 (7)	08:09	96	10:27 (7)	07:05	06:43	05:28	04:33	
	15:47	100	14:39 (5)	16:45	95	15:02 (5)	17:47	19:52	20:54	21:50	
3	08:46	101	10:18 (7)	08:07	95	10:27 (7)	07:03	06:41	05:26	04:32	
	15:49	94	14:39 (5)	16:47	93	15:01 (5)	17:49	19:54	20:56	21:51	
4	08:46	101	10:18 (7)	08:05	93	10:29 (7)	07:00	06:38	05:23	04:31	
	15:50	94	14:40 (5)	16:50	90	15:01 (5)	17:51	19:56	20:58	21:53	
5	08:46	101	10:19 (7)	08:03	90	10:30 (7)	06:57	06:35	05:21	04:30	
	15:51	96	14:42 (5)	16:52	87	15:01 (5)	17:53	19:58	21:00	21:54	
6	08:45	101	10:18 (7)	08:01	87	10:31 (7)	06:55	06:33	05:19	04:29	
	15:53	97	14:43 (5)	16:54	84	15:01 (5)	17:56	20:00	21:02	21:55	
7	08:44	101	10:18 (7)	07:59	84	10:33 (7)	06:52	06:30	05:17	04:28	
	15:54	99	14:44 (5)	16:56	81	15:01 (5)	17:58	20:02	21:04	21:56	
8	08:44	101	10:19 (7)	07:57	81	10:34 (7)	06:50	06:28	05:15	04:27	
	15:56	98	14:45 (5)	16:58	74	14:59 (5)	18:00	20:04	21:06	21:57	
9	08:43	101	10:19 (7)	07:55	74	10:37 (7)	06:47	06:25	05:12	04:27	
	15:57	100	14:46 (5)	17:01	69	14:59 (5)	18:02	20:07	21:08	21:58	
10	08:42	101	10:19 (7)	07:53	69	10:40 (7)	06:44	06:22	05:10	04:26	
	15:59	101	14:47 (5)	17:03	62	14:59 (5)	18:04	20:09	21:10	21:59	
11	08:41	101	10:19 (7)	07:51	62	10:43 (7)	06:42	06:20	05:08	04:25	
	16:01	101	14:48 (5)	17:05	51	14:57 (5)	18:06	20:11	21:12	22:00	
12	08:41	101	10:20 (7)	07:48	51	14:19 (5)	06:39	06:17	05:06	04:25	
	16:02	102	14:50 (5)	17:07	37	14:56 (5)	18:08	20:13	21:14	22:01	
13	08:40	101	10:19 (7)	07:46	37	14:20 (5)	06:37	06:15	05:04	04:25	
	16:04	103	14:50 (5)	17:10	34	14:54 (5)	18:10	20:15	21:16	22:02	
14	08:39	101	10:19 (7)	07:44	34	14:22 (5)	06:34	06:12	05:02	04:24	
	16:06	103	14:51 (5)	17:12	31	14:53 (5)	18:13	20:17	21:18	22:03	
15	08:37	101	10:20 (7)	07:42	31	14:24 (5)	06:31	06:09	05:00	04:24	
	16:08	104	14:53 (5)	17:14	27	14:51 (5)	18:15	20:19	21:20	22:03	
16	08:36	101	10:20 (7)	07:39	27	14:27 (5)	06:29	06:07	04:58	04:24	
	16:10	103	14:53 (5)	17:16	21	14:48 (5)	18:17	20:21	21:22	22:04	
17	08:35	101	10:20 (7)	07:37	21	14:32 (5)	06:26	06:04	04:57	04:23	
	16:12	103	14:54 (5)	17:19	13	14:45 (5)	18:19	20:23	21:24	22:05	
18	08:34	101	10:20 (7)	07:35	13		06:23	06:02	04:55	04:23	
	16:14	103	14:55 (5)	17:21			18:21	20:25	21:26	22:05	
19	08:33	101	10:21 (7)	07:32			06:21	05:59	04:53	04:23	
	16:15	101	14:56 (5)	17:23			18:23	20:27	21:27	22:05	
20	08:31	101	10:21 (7)	07:30			06:18	05:57	04:51	04:23	
	16:17	98	14:56 (5)	17:25			18:25	20:29	21:29	22:06	
21	08:30	101	10:21 (7)	07:27			06:15	05:54	04:50	04:23	
	16:19	98	14:57 (5)	17:27			18:27	20:31	21:31	22:06	
22	08:28	101	10:21 (7)	07:25			06:13	05:52	04:48	04:24	
	16:22	98	14:57 (5)	17:30			18:29	20:33	21:33	22:06	
23	08:27	101	10:22 (7)	07:23			06:10	05:49	04:46	04:24	
	16:24	100	14:59 (5)	17:32			18:31	20:35	21:35	22:06	
24	08:25	101	10:22 (7)	07:20			06:07	05:47	04:45	04:24	
	16:26	100	14:59 (5)	17:34			18:33	20:38	21:36	22:06	
25	08:24	101	10:22 (7)	07:18			06:05	05:44	04:43	04:25	
	16:28	100	14:59 (5)	17:36			18:35	20:40	21:38	22:06	
26	08:22	101	10:23 (7)	07:15			06:02	05:42	04:42	04:25	
	16:30	100	15:00 (5)	17:38			18:38	20:42	21:40	22:06	
27	08:20	101	10:23 (7)	07:13			05:59	05:40	04:40	04:25	
	16:32	100	15:00 (5)	17:41			18:40	20:44	21:41	22:06	
28	08:19	101	10:24 (7)	07:10			05:57	05:37	04:39	04:26	
	16:34	99	15:00 (5)	17:43			18:42	20:46	21:43	22:06	
29	08:17	101	10:24 (7)				06:54	05:35	04:38	04:27	
	16:36	100	15:01 (5)				19:44	20:48	21:44	22:06	
30	08:15	101	10:25 (7)				06:51	05:32	04:36	04:27	
	16:39	99	15:01 (5)				19:46	20:50	21:46	22:06	
31	08:13	101	10:26 (7)				06:49		04:35		
	16:41	96	15:01 (5)				19:48		21:47		
Potential sun hours	236		266		366		426		507		528
Total, worst case	3091		1045								

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EY - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (155)

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	July	August	September	October	November	December
1	04:28 22:05	05:13 21:24	06:15 20:11	07:14 18:51	07:19 16:34	10:08 (7) 15:43
2	04:29 22:05	05:15 21:22	06:17 20:08	07:16 18:48	63 16:31	10:06 (7) 15:42
3	04:30 22:04	05:17 21:20	06:19 20:06	07:18 18:45	71 16:29	10:04 (7) 15:41
4	04:31 22:03	05:19 21:18	06:21 20:03	07:20 18:43	75 16:27	10:03 (7) 15:40
5	04:32 22:03	05:21 21:16	06:23 20:00	07:22 18:40	80 16:25	10:01 (7) 15:39
6	04:33 22:02	05:23 21:14	06:25 19:58	07:24 18:38	84 16:23	10:00 (7) 15:38
7	04:34 22:01	05:25 21:12	06:27 19:55	07:27 18:35	88 16:21	10:00 (7) 15:37
8	04:35 22:00	05:27 21:09	06:29 19:52	07:29 18:32	90 16:19	10:00 (7) 15:36
9	04:36 22:00	05:29 21:07	06:31 19:50	07:31 18:30	92 16:17	10:00 (7) 15:35
10	04:37 21:59	05:31 21:05	06:33 19:47	07:33 18:27	95 16:15	10:00 (7) 15:34
11	04:39 21:58	05:33 21:03	06:35 19:44	07:35 18:25	96 16:13	10:00 (7) 15:33
12	04:40 21:56	05:35 21:00	06:37 19:42	07:37 18:22	97 16:11	10:00 (7) 15:32
13	04:41 21:55	05:37 20:58	06:38 19:39	07:39 18:19	98 16:09	10:00 (7) 15:31
14	04:43 21:54	05:39 20:56	06:40 19:36	07:41 18:17	100 16:07	10:00 (7) 15:30
15	04:44 21:53	05:41 20:53	06:42 19:34	07:43 18:14	100 16:05	10:00 (7) 15:29
16	04:46 21:52	05:43 20:51	06:44 19:31	07:45 18:12	100 16:04	10:00 (7) 15:28
17	04:47 21:50	05:45 20:49	06:46 19:28	07:47 18:09	100 16:02	10:00 (7) 15:27
18	04:49 21:49	05:47 20:46	06:48 19:26	07:49 18:07	100 16:00	10:00 (7) 15:26
19	04:50 21:47	05:49 20:44	06:50 19:23	07:51 18:04	100 15:59	10:00 (7) 15:25
20	04:52 21:46	05:51 20:41	06:52 19:20	07:54 18:02	100 15:57	10:00 (7) 15:24
21	04:54 21:44	05:53 20:39	06:54 19:18	07:56 17:59	98 15:55	10:00 (7) 15:23
22	04:55 21:43	05:55 20:36	06:56 19:15	07:58 17:57	98 15:54	10:00 (7) 15:22
23	04:57 21:41	05:57 20:34	06:58 19:12	08:00 17:54	98 15:53	10:00 (7) 15:21
24	04:59 21:39	05:59 20:31	07:00 19:10	08:02 17:52	101 15:51	10:00 (7) 15:20
25	05:01 21:38	06:01 20:29	07:02 19:07	07:04 16:50	103 15:50	10:00 (7) 15:19
26	05:02 21:36	06:03 20:26	07:04 19:04	07:06 16:47	103 15:49	10:00 (7) 15:18
27	05:04 21:34	06:05 20:24	07:06 19:01	07:08 16:45	103 15:47	10:00 (7) 15:17
28	05:06 21:32	06:07 20:21	07:08 18:59	07:11 16:43	104 15:46	10:00 (7) 15:16
29	05:08 21:30	06:09 20:19	07:10 18:56	07:13 16:40	102 15:45	10:00 (7) 15:15
30	05:10 21:28	06:11 20:16	07:12 18:53	07:15 16:38	103 15:44	10:00 (7) 15:14
31	05:12 21:26	06:13 20:13		07:17 16:36	102 15:44	10:00 (7) 15:13
Potential sun hours	528	469	384	324	248	217
Total, worst case				224	2844	3125

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: EZ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (156)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:53	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:38
10	08:43	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:07	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:32	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:50	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:33	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:30	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:03	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:05	07:07	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:27	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:41	04:26	05:04	06:05	07:07	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:09	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:11	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:13	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FA - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (157)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:25	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:53	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:38
10	08:43	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:32	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:50	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:33	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:30	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:30	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:03	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:05	08:07	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:27	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:41	04:26	05:04	06:05	07:07	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:09	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:11	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:27	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FB - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (158)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:31	04:34	04:29	05:14	06:15	07:15	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:42
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:46	08:03	06:58	06:36	05:21	04:30	04:32	05:22	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:29	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
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	16:01	17:06	18:06	20:11	21:12	22:00	21:57	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:41	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:15	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:37
19	08:33	07:32	06:21	06:00	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:53	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:55	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:58	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:52	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	08:04	08:10	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:39	18:38	20:42	21:40	22:06	21:36	20:26	19:04	16:48	15:49	15:40
27	08:20	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:38	04:39	04:27	05:06	06:07	07:08	08:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:47	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:36		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoā Shadow receptor: FC - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (159)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December		
1	08:47	08:11	07:08	06:46	05:31	04:34	05:21 (2)	04:29	05:28 (2)	05:14	06:15	07:15	07:19	08:20
2	15:47	16:43	17:45	19:50	20:52	21:49	32 05:53 (2)	22:05	32 06:00 (2)	21:24	20:11	18:51	16:34	15:43
3	08:47	08:09	07:05	06:44	05:28	04:33	05:21 (2)	04:29	05:28 (2)	05:16	06:17	07:17	07:21	08:22
4	15:48	16:45	17:47	19:52	20:54	21:50	32 05:53 (2)	22:05	32 06:00 (2)	21:22	20:08	18:48	16:32	15:42
5	08:46	08:07	07:03	06:41	05:26	04:32	05:22 (2)	04:30	05:27 (2)	05:18	06:19	07:19	07:24	08:24
6	15:49	16:48	17:49	19:54	20:56	21:51	32 05:54 (2)	22:04	33 06:00 (2)	21:20	20:06	18:46	16:29	15:42
7	08:46	08:05	07:00	06:38	05:24	04:31	05:22 (2)	04:31	05:28 (2)	05:20	06:21	07:21	07:26	08:25
8	15:50	16:50	17:52	19:56	20:58	21:53	32 05:54 (2)	22:03	32 06:00 (2)	21:18	20:03	18:43	16:27	15:41
9	08:46	08:03	06:58	06:36	05:21	04:30	05:22 (2)	04:32	05:28 (2)	05:21	06:23	07:23	07:28	08:27
10	15:52	16:52	17:54	19:58	21:00	21:54	32 05:54 (2)	22:03	32 06:00 (2)	21:16	20:00	18:40	16:25	15:40
11	08:45	08:01	06:55	06:33	05:19	04:29	05:22 (2)	04:33	05:28 (2)	05:23	06:25	07:25	07:30	08:29
12	15:53	16:54	17:56	20:00	21:02	21:55	32 05:54 (2)	22:02	33 06:01 (2)	21:14	19:58	18:38	16:23	15:39
13	08:44	07:59	06:52	06:30	05:17	04:29	05:23 (2)	04:34	05:28 (2)	05:25	06:27	07:27	07:32	08:30
14	15:55	16:57	17:58	20:03	21:04	21:56	32 05:55 (2)	22:01	33 06:01 (2)	21:12	19:55	18:35	16:21	15:39
15	08:44	07:57	06:50	06:28	05:15	04:28	05:22 (2)	04:35	05:28 (2)	05:27	06:29	07:29	07:34	08:31
16	15:56	16:59	18:00	20:05	21:06	21:57	33 05:55 (2)	22:00	33 06:01 (2)	21:10	19:53	18:33	16:19	15:38
17	08:43	07:55	06:47	06:25	05:13	04:27	05:23 (2)	04:37	05:28 (2)	05:29	06:31	07:31	07:37	08:33
18	15:58	17:01	18:02	20:07	21:08	21:58	32 05:55 (2)	22:00	33 06:01 (2)	21:07	19:50	18:30	16:17	15:38
19	08:42	07:53	06:45	06:23	05:11	04:26	05:23 (2)	04:38	05:28 (2)	05:31	06:33	07:33	07:39	08:34
20	15:59	17:03	18:04	20:09	21:10	21:59	32 05:55 (2)	21:59	33 06:01 (2)	21:05	19:47	18:27	16:15	15:37
21	08:41	07:51	06:42	06:20	05:09	04:26	05:23 (2)	04:39	05:29 (2)	05:33	06:35	07:35	07:41	08:35
22	16:01	17:05	18:06	20:11	21:12	22:00	32 05:55 (2)	21:57	33 06:02 (2)	21:03	19:45	18:25	16:13	15:37
23	08:41	07:49	06:39	06:17	05:07	04:25	05:23 (2)	04:40	05:29 (2)	05:35	06:37	07:37	07:43	08:37
24	16:03	17:08	18:09	20:13	21:14	22:01	32 05:55 (2)	21:56	33 06:02 (2)	21:01	19:42	18:22	16:11	15:37
25	08:40	07:46	06:37	06:15	05:05	04:25	05:24 (2)	04:42	05:29 (2)	05:37	06:39	07:39	07:45	08:38
26	16:05	17:10	18:11	20:15	21:16	22:02	31 05:55 (2)	21:55	33 06:02 (2)	20:58	19:39	18:20	16:09	15:36
27	08:39	07:44	06:34	06:12	05:03	04:25	05:24 (2)	04:43	05:29 (2)	05:39	06:41	07:41	07:47	08:39
28	16:06	17:12	18:13	20:17	21:18	22:03	32 05:56 (2)	21:54	32 06:01 (2)	20:56	19:37	18:17	16:07	15:36
29	08:37	07:42	06:31	06:10	05:01	04:24	05:25 (2)	04:45	05:30 (2)	05:41	06:43	07:43	07:49	08:40
30	16:08	17:14	18:15	20:19	21:20	22:03	31 05:56 (2)	21:53	32 06:02 (2)	20:53	19:34	18:15	16:06	15:36
31	08:36	07:39	06:29	06:07	04:59	04:24	05:25 (2)	04:46	05:30 (2)	05:43	06:45	07:45	07:51	08:41
32	16:10	17:17	18:17	20:21	21:22	22:04	31 05:56 (2)	21:51	31 06:01 (2)	20:51	19:31	18:12	16:04	15:36
33	08:35	07:37	06:26	06:05	04:57	04:24	05:25 (2)	04:48	05:30 (2)	05:45	06:47	07:47	07:54	08:42
34	16:12	17:19	18:19	20:23	21:24	22:04	32 05:56 (2)	21:50	31 06:01 (2)	20:49	19:28	18:10	16:02	15:36
35	08:34	07:35	06:24	06:02	04:55	04:24	05:25 (2)	04:49	05:31 (2)	05:47	06:49	07:49	07:56	08:43
36	16:14	17:21	18:21	20:25	21:26	22:05	32 05:57 (2)	21:49	30 06:01 (2)	20:46	19:26	18:07	16:01	15:37
37	08:33	07:32	06:21	06:00	04:53	04:24	05:26 (2)	04:51	05:31 (2)	05:49	06:51	07:52	07:58	08:43
38	16:16	17:23	18:23	20:27	21:27	22:05	31 05:57 (2)	21:47	30 06:01 (2)	20:44	19:23	18:05	15:59	15:37
39	08:31	07:30	06:18	05:57	04:52	04:24	05:26 (2)	04:52	05:32 (2)	05:51	06:53	07:54	08:00	08:44
40	16:18	17:25	18:25	20:29	21:29	22:06	31 05:57 (2)	21:46	29 06:01 (2)	20:41	19:20	18:02	15:57	15:37
41	08:30	07:28	06:16	05:55	04:50	04:24	05:26 (2)	04:54	05:32 (2)	05:53	06:55	07:56	08:02	08:45
42	16:20	17:28	18:27	20:31	21:31	22:06	31 05:57 (2)	21:44	28 06:00 (2)	20:39	19:18	18:00	15:56	15:37
43	08:28	07:25	06:13	05:52	04:48	04:24	05:26 (2)	04:56	05:33 (2)	05:55	06:57	07:58	08:04	08:45
44	16:22	17:30	18:29	20:34	21:33	22:06	31 05:57 (2)	21:43	27 06:00 (2)	20:36	19:15	17:57	15:54	15:38
45	08:27	07:23	06:10	05:50	04:47	04:24	05:26 (2)	04:58	05:33 (2)	05:57	06:59	08:00	08:06	08:46
46	16:24	17:32	18:32	20:36	21:35	22:06	31 05:57 (2)	21:41	26 05:59 (2)	20:34	19:12	17:55	15:53	15:38
47	08:25	07:20	06:08	05:47	04:45	04:25	05:27 (2)	04:59	05:35 (2)	05:59	07:01	08:02	08:08	08:46
48	16:26	17:34	18:34	20:38	21:36	22:06	31 05:58 (2)	21:39	24 05:59 (2)	20:31	19:10	17:52	15:52	15:39
49	08:24	07:18	06:05	05:45	04:44	04:25	05:27 (2)	05:01	05:36 (2)	06:01	07:02	07:04	08:10	08:46
50	16:28	17:36	18:36	20:40	21:38	22:06	30 05:58 (2)	21:38	22 05:58 (2)	20:29	19:07	16:50	15:50	15:40
51	08:22	07:15	06:02	05:42	04:42	04:25	05:27 (2)	05:03	05:37 (2)	06:03	07:04	07:06	08:11	08:47
52	16:30	17:39	18:38	20:42	21:40	22:06	31 05:58 (2)	21:36	19 05:56 (2)	20:26	19:04	16:48	15:49	15:40
53	08:20	07:13	06:00	05:40	04:41	04:26	05:27 (2)	05:05	05:39 (2)	06:05	07:06	07:09	08:13	08:47
54	16:32	17:41	18:40	20:44	21:41	22:06	31 05:58 (2)	21:34	17 05:56 (2)	20:24	19:02	16:45	15:48	15:41
55	08:19	07:10	05:57	05:38	04:39	04:27	05:27 (2)	05:06	05:41 (2)	06:07	07:08	07:11	08:15	08:47
56	16:35	17:43	18:42	20:46	21:43	22:06	32 05:59 (2)	21:32	13 05:54 (2)	20:21	18:59	16:43	15:47	15:42
57	08:17	07:07	05:54	05:35	04:38	04:27	05:27 (2)	05:08	05:42 (2)	06:09	07:10	07:13	08:17	08:47
58	16:37	17:45	18:44	20:48	21:44	22:06	32 05:59 (2)	21:30	9 05:51 (2)	20:19	18:56	16:41	15:45	15:43
59	08:15	07:05	05:52	05:33	04:37	04:28	05:27 (2)	05:10	06:11	07:13	07:15	08:19	08:47	08:47
60	16:39	17:47	18:46	20:50	21:46	22:05	32 05:59 (2)	21:28	06:13	20:16	18:54	16:38	15:44	15:44
61	08:13	07:03	05:50	05:31	04:35	04:27	05:27 (2)	05:12	06:13	07:15	07:17	08:21	08:47	08:47
62	16:41	17:49	18:48	20:52	21:47	22:05	32 05:59 (2)	21:26	06:13	20:14	18:54	16:36	15:45	15:45
Potential sun hours	236	266	366	426	507	527	528	528	469	384	324	248	217	217
Total, worst case					442	950	825							

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	(WTG causing flicker first time)
	Sun set (hh:mm)		Last time (hh:mm) with flicker	(WTG causing flicker last time)

SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FD - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (160)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:31	04:34	04:29	05:14	06:15	07:15	07:19	08:21
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:42
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:53	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:06	18:07	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:32	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:50	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:36
19	08:33	07:33	06:21	06:00	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:43
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:21	18:02	15:57	15:37
21	08:30	07:28	06:16	05:55	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:30	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:52	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:03	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:05	07:07	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:27	19:04	16:48	15:49	15:40
27	08:20	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:07	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:38	04:39	04:26	05:06	06:07	07:09	07:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:11	07:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:13	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FE - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (161)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:03	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:34	08:32
	15:56	16:58	18:00	20:05	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:44	18:25	16:13	15:36
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:58	04:24	04:46	05:43	06:44	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36 3 11:02 (5)
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:58	08:43 11:01 (5)
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36 5 11:06 (5)
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44 11:01 (5)
	16:17	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37 6 11:07 (5)
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45 11:02 (5)
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37 6 11:08 (5)
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45 11:02 (5)
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37 6 11:08 (5)
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46 11:03 (5)
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38 6 11:09 (5)
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46 11:03 (5)
	16:26	17:34	18:33	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39 6 11:09 (5)
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47 11:04 (5)
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39 4 11:08 (5)
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47 11:06 (5)
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40 1 11:07 (5)
27	08:20	07:13	05:59	05:40	04:40	04:25	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												43

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FF - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (162)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December		
1	08:47	08:11	07:08	06:46	05:31	06:12 (2)	04:34	04:29	05:14	06:29 (2)	07:15	07:19	08:21	
2	15:47	16:43	17:45	19:50	20:52	06:42 (2)	21:49	22:05	21:24	06:42 (2)	20:11	18:51	16:34	15:43
3	08:46	08:09	07:05	06:44	05:28	06:12 (2)	04:33	04:29	05:16	06:28 (2)	06:17	07:17	07:22	08:22
4	15:48	16:45	17:47	19:52	20:54	06:42 (2)	21:50	22:05	21:22	06:44 (2)	20:08	18:48	16:32	15:42
5	08:46	08:08	07:03	06:41	05:26	06:12 (2)	04:32	04:30	05:18	06:26 (2)	06:19	07:19	07:24	08:24
6	15:49	16:48	17:49	19:54	20:56	06:41 (2)	21:51	22:04	21:20	06:46 (2)	20:06	18:46	16:29	15:42
7	08:46	08:06	07:00	06:38	05:24	06:13 (2)	04:31	04:31	05:20	06:26 (2)	06:21	07:21	07:26	08:25
8	15:50	16:50	17:52	19:56	20:58	06:41 (2)	21:53	22:03	21:18	06:47 (2)	20:03	18:43	16:27	15:41
9	08:46	08:04	06:58	06:36	05:21	06:13 (2)	04:30	04:32	05:21	06:24 (2)	06:23	07:23	07:28	08:27
10	15:52	16:52	17:54	19:58	21:00	06:40 (2)	21:54	22:03	21:16	06:48 (2)	20:00	18:40	16:25	15:40
11	08:45	08:01	06:55	06:33	05:19	06:13 (2)	04:29	04:33	05:23	06:23 (2)	06:25	07:25	07:30	08:29
12	15:53	16:54	17:56	20:00	21:02	06:40 (2)	21:55	22:02	21:14	06:48 (2)	21:58	18:38	16:23	15:39
13	08:44	07:59	06:52	06:30	05:17	06:14 (2)	04:29	04:34	05:25	06:23 (2)	06:27	07:27	07:32	08:30
14	15:55	16:57	17:58	20:03	21:04	06:39 (2)	21:56	22:01	21:12	06:49 (2)	21:55	18:35	16:21	15:39
15	08:44	07:57	06:50	06:28	05:15	06:15 (2)	04:28	04:35	05:27	06:22 (2)	06:29	07:29	07:34	08:31
16	15:56	16:59	18:00	20:05	21:06	06:38 (2)	21:57	22:00	21:10	06:50 (2)	21:53	18:33	16:19	15:38
17	08:43	07:55	06:47	06:25	05:13	06:16 (2)	04:27	04:37	05:29	06:22 (2)	06:31	07:31	07:37	08:33
18	15:58	17:01	18:02	20:07	21:08	06:37 (2)	21:58	22:00	21:07	06:50 (2)	21:50	18:30	16:17	15:38
19	08:42	07:53	06:45	06:23	05:11	06:17 (2)	04:26	04:38	05:31	06:20 (2)	06:33	07:33	07:39	08:34
20	15:59	17:03	18:04	20:09	21:10	06:35 (2)	21:59	21:59	21:05	06:50 (2)	21:47	18:27	16:15	15:37
21	08:41	07:51	06:42	06:20	05:09	06:18 (2)	04:26	04:39	05:33	06:20 (2)	06:35	07:35	07:41	08:35
22	16:01	17:05	18:07	20:11	21:12	06:33 (2)	22:00	21:58	21:03	06:50 (2)	21:45	18:25	16:13	15:37
23	08:41	07:49	06:39	06:17	05:07	06:20 (2)	04:25	04:40	05:35	06:20 (2)	06:37	07:37	07:43	08:37
24	16:03	17:08	18:09	20:13	21:14	06:31 (2)	22:01	21:56	21:01	06:50 (2)	21:42	18:22	16:11	15:37
25	08:40	07:46	06:37	06:15	05:05	06:24 (2)	04:25	04:42	05:37	06:20 (2)	06:39	07:39	07:45	08:38
26	16:05	17:10	18:11	20:15	21:16	06:26 (2)	22:02	21:55	20:58	06:50 (2)	21:39	18:20	16:09	15:36
27	08:39	07:44	06:34	06:12	05:03		04:25	04:43	05:39	06:20 (2)	06:41	07:41	07:47	08:39
28	16:06	17:12	18:13	20:17	21:18		22:03	21:54	20:56	06:50 (2)	21:37	18:17	16:07	15:36
29	08:38	07:42	06:32	06:10	05:01		04:24	04:45	05:41	06:20 (2)	06:43	07:43	07:49	08:40
30	16:08	17:14	18:15	20:19	21:20		22:03	21:53	20:54	06:50 (2)	21:34	18:15	16:06	15:36
31	08:36	07:39	06:29	06:07	04:59		04:24	04:46	05:43	06:20 (2)	06:45	07:45	07:51	08:41
32	16:10	17:17	18:17	20:21	21:22		22:04	21:52	20:51	06:49 (2)	21:31	18:12	16:04	15:36
33	08:35	07:37	06:26	06:05	04:57		04:24	04:48	05:45	06:20 (2)	06:47	07:47	07:54	08:42
34	16:12	17:19	18:19	20:23	21:24		22:05	21:50	20:49	06:48 (2)	21:29	18:10	16:02	15:36
35	08:34	07:35	06:24	06:02	04:55		04:24	04:49	05:47	06:21 (2)	06:49	07:49	07:56	08:43
36	16:14	17:21	18:21	20:25	21:26		22:05	21:49	20:46	06:47 (2)	21:26	18:07	16:01	15:37
37	08:33	07:32	06:21	06:00	04:53	06:28 (2)	04:53	04:51	05:49	06:21 (2)	06:51	07:52	07:58	08:43
38	16:16	17:23	18:23	20:27	21:27	06:31 (2)	21:27	21:27	20:44	06:46 (2)	21:23	18:05	15:59	15:37
39	08:31	07:30	06:18	05:57	04:52	06:23 (2)	04:52	04:52	05:51	06:22 (2)	06:53	07:54	08:00	08:44
40	16:18	17:25	18:25	20:29	21:29	06:35 (2)	21:29	22:06	20:41	06:45 (2)	21:20	18:02	15:57	15:37
41	08:30	07:28	06:16	05:55	04:50	06:21 (2)	04:50	04:54	05:53	06:24 (2)	06:55	07:56	08:02	08:45
42	16:20	17:28	18:27	20:31	21:31	06:38 (2)	21:31	22:06	20:39	06:44 (2)	21:18	18:00	15:56	15:37
43	08:28	07:25	06:13	05:52	04:48	06:18 (2)	04:48	04:54	05:55	06:26 (2)	06:57	07:58	08:04	08:45
44	16:22	17:30	18:29	20:34	21:33	06:39 (2)	21:33	22:06	20:36	06:42 (2)	21:15	17:57	15:54	15:38
45	08:27	07:23	06:10	05:50	04:47	06:16 (2)	04:47	04:58	05:57	06:28 (2)	06:59	08:00	08:06	08:46
46	16:24	17:32	18:32	20:36	21:35	06:40 (2)	21:35	22:06	20:34	06:40 (2)	21:12	17:55	15:53	15:38
47	08:25	07:20	06:08	05:47	04:45	06:16 (2)	04:45	04:59	05:59		07:01	08:02	08:08	08:46
48	16:26	17:34	18:34	20:38	21:36	06:41 (2)	21:36	22:06	20:31		21:10	17:52	15:52	15:39
49	08:24	07:18	06:05	05:45	04:44	06:14 (2)	04:44	04:59	06:01		07:03	07:04	08:10	08:47
50	16:28	17:36	18:36	20:40	21:38	06:41 (2)	21:38	22:06	20:29		21:07	16:50	15:50	15:40
51	08:22	07:15	06:02	05:42	04:42	06:13 (2)	04:42	04:58	06:03		07:04	07:06	08:11	08:47
52	16:30	17:39	18:38	20:42	21:40	06:42 (2)	21:40	22:06	20:26		21:04	16:48	15:49	15:40
53	08:20	07:13	06:00	05:40	04:41	06:13 (2)	04:41	04:56	06:05		07:06	07:09	08:13	08:47
54	16:32	17:41	18:40	20:44	21:41	06:42 (2)	21:41	22:06	20:24		21:02	16:45	15:48	15:41
55	08:19	07:10	05:57	05:38	04:39	06:13 (2)	04:39	04:57	06:07		07:08	07:11	08:15	08:47
56	16:35	17:43	18:42	20:46	21:43	06:42 (2)	21:43	22:06	20:21		21:09	16:43	15:47	15:42
57	08:17		06:54	05:35	04:38	06:12 (2)	04:38	04:57	06:09		07:11	07:13	08:17	08:47
58	16:37		19:44	20:48	21:44	06:42 (2)	21:44	22:06	20:19		21:16	16:41	15:45	15:43
59	08:15		06:52	05:33	04:37	06:12 (2)	04:37	04:58	06:11		07:13	07:15	08:19	08:47
60	16:39		19:46	20:50	21:46	06:42 (2)	21:46	22:05	20:16		21:18	16:38	15:44	15:44
61	08:13		06:49		04:35		04:35	05:12		06:33 (2)		07:17		08:47
62	16:41		19:48		21:47		21:47	21:26	7	06:40 (2)		20:14		15:45
63	Potential sun hours	236	266	426	507	507	527	528	560	560	384	324	248	217
64	Total, worst case				276	287			7					

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FG - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (163)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:34	08:32
	15:56	16:58	18:00	20:04	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:44	18:25	16:13	15:36
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:24	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:58	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:58	08:43
	16:15	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:17	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:19	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:54	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:33	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:25	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:32	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (164)
 Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	09:40 (1)	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19
2	15:46	25 10:05 (1)	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34
3	08:47	09:41 (1)	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22
4	15:48	25 10:06 (1)	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32
5	08:47	09:41 (1)	08:08	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24
6	15:49	25 10:06 (1)	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29
7	08:46	09:41 (1)	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26
8	15:50	25 10:06 (1)	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27
9	08:46	09:42 (1)	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28
10	15:52	25 10:07 (1)	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25
11	08:45	09:42 (1)	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30
12	15:53	26 10:08 (1)	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23
13	08:45	09:42 (1)	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32
14	15:55	26 10:08 (1)	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21
15	08:44	09:43 (1)	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35
16	15:56	25 10:08 (1)	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19
17	08:43	09:43 (1)	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37
18	15:58	26 10:09 (1)	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17
19	08:42	09:44 (1)	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39
20	15:59	25 10:09 (1)	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15
21	08:42	09:44 (1)	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41
22	16:01	25 10:09 (1)	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13
23	08:41	09:45 (1)	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43
24	16:03	25 10:10 (1)	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11
25	08:40	09:45 (1)	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45
26	16:04	24 10:09 (1)	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09
27	08:39	09:46 (1)	07:44	06:34	06:12	05:03	04:24	04:43	05:39	06:41	07:41	07:47
28	16:06	24 10:10 (1)	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07
29	08:38	09:47 (1)	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49
30	16:08	23 10:10 (1)	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06
31	08:36	09:47 (1)	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52
32	16:10	22 10:09 (1)	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04
33	08:35	09:49 (1)	07:37	06:26	06:04	04:57	04:24	04:48	05:45	06:47	07:47	07:54
34	16:12	21 10:10 (1)	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02
35	08:34	09:49 (1)	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56
36	16:14	20 10:09 (1)	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00
37	08:33	09:51 (1)	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58
38	16:16	18 10:09 (1)	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59
39	08:31	09:52 (1)	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00
40	16:18	16 10:08 (1)	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57
41	08:30	09:53 (1)	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02
42	16:20	13 10:06 (1)	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56
43	08:28	09:56 (1)	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04
44	16:22	9 10:05 (1)	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54
45	08:27		07:23	06:10	05:49	04:47	04:24	04:57	05:57	06:59	08:00	08:06
46	16:24		17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53
47	08:25		07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08
48	16:26		17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51
49	08:24		07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10
50	16:28		17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50
51	08:22		07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12
52	16:30		17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:48	15:49
53	08:20		07:13	06:00	05:40	04:41	04:26	05:04	06:05	07:06	08:07	08:13
54	16:32		17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48
55	08:19		07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15
56	16:34		17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46
57	08:17			06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17
58	16:37			19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45
59	08:15			06:52	05:33	04:37	04:28	05:10	06:11	07:13	08:16	08:19
60	16:39			19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44
61	08:13			06:49	05:30	04:35		05:12	06:13		07:17	08:21
62	16:41			19:48	21:47			21:26	20:14		16:36	15:45
Potential sun hours	236	266	366	426	507	528	469	384	324	248	215	769
Total, worst case	493											

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FI - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (165)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:32	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:03	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:05	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:41	04:26	05:04	06:05	07:07	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:09	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:11	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FJ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (166)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:15	07:19	08:21
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:53	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:07	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:32	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:50	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:36
19	08:33	07:33	06:21	06:00	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:21	18:02	15:57	15:37
21	08:30	07:28	06:16	05:55	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:30	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:03	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:05	07:07	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:27	19:04	16:48	15:49	15:40
27	08:21	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:07	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:38	04:39	04:26	05:06	06:07	07:09	07:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:11	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:13	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FK - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (167)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
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	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:38
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:03	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:05	07:06	08:12	08:47
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:09	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:11	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:13	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FL - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (168)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:31	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:42
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:58	06:36	05:21	04:30	04:32	05:22	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:29	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:09	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:27	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:45	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:07	04:25	04:41	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:38	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:15	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:42
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:37
19	08:33	07:32	06:21	06:00	04:53	04:24	04:51	05:49	06:51	07:51	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:53	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:55	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:58	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:52	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	07:04	08:09	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:26	05:03	06:03	07:04	07:06	08:11	08:47
	16:30	17:39	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:48	15:49	15:40
27	08:20	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:06	07:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
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	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:47	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:36		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FM - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (169)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:18	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:09	19:52	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:15	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:42
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:36
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:51	07:58	08:43
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20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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	16:24	17:32	18:31	20:36	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
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25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	07:04	08:09	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:11	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FN - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (170)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:18	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:42
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:29	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:09	19:52	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:15	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:42
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:36
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:51	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
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	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FO - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (171)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:42
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:29	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:09	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:45	18:25	16:13	15:37
12	08:40	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:53	08:42
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
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29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FP - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (172)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:31	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:42
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:29	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:09	19:52	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:45	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:07	04:25	04:41	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:38	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:15	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:10	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:42
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:37
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:51	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:53	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:55	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:58	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:52	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	07:04	08:09	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:11	08:47
	16:30	17:39	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:48	15:49	15:40
27	08:20	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:06	07:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:38	04:39	04:27	05:06	06:07	07:08	07:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:47	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:36		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoņa Shadow receptor: FQ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (173)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December									
1	08:47	10:23 (5)	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	10:14 (5)								
	15:46	27 10:50 (5)	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43	18	10:32 (5)						
2	08:47	10:24 (5)	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	10:14 (5)								
	15:47	26 10:50 (5)	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42	19	10:33 (5)						
3	08:47	10:24 (5)	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	10:13 (5)								
	15:49	26 10:50 (5)	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41	21	10:34 (5)						
4	08:46	10:25 (5)	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	10:12 (5)								
	15:50	25 10:50 (5)	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40	22	10:34 (5)						
5	08:46	10:26 (5)	08:03	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	10:13 (5)								
	15:51	25 10:51 (5)	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40	23	10:36 (5)						
6	08:45	10:27 (5)	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	10:13 (5)								
	15:53	24 10:51 (5)	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39	24	10:37 (5)						
7	08:45	10:27 (5)	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	10:12 (5)								
	15:54	24 10:51 (5)	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38	25	10:37 (5)						
8	08:44	10:28 (5)	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:34	10:13 (5)								
	15:56	22 10:50 (5)	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38	25	10:38 (5)						
9	08:43	10:29 (5)	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	10:14 (5)								
	15:57	21 10:50 (5)	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37	25	10:39 (5)						
10	08:42	10:30 (5)	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	10:13 (5)								
	15:59	20 10:50 (5)	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37	26	10:39 (5)						
11	08:42	10:32 (5)	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	10:13 (5)								
	16:01	18 10:50 (5)	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:44	18:25	16:13	15:37	27	10:40 (5)						
12	08:41	10:33 (5)	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	10:14 (5)								
	16:02	16 10:49 (5)	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36	27	10:41 (5)						
13	08:40	10:34 (5)	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	10:14 (5)								
	16:04	14 10:48 (5)	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36	27	10:41 (5)						
14	08:39	10:37 (5)	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	10:14 (5)								
	16:06	9 10:46 (5)	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36	28	10:42 (5)						
15	08:38		07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	10:15 (5)								
	16:08		17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36	27	10:42 (5)						
16	08:36		07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:52	10:15 (5)								
	16:10		17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36	28	10:43 (5)						
17	08:35		07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	10:16 (5)								
	16:12		17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36	28	10:44 (5)						
18	08:34		07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	10:16 (5)								
	16:14		17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36	28	10:44 (5)						
19	08:33		07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:58	10:16 (5)								
	16:16		17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36	28	10:44 (5)						
20	08:31		07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	10:17 (5)								
	16:18		17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37	28	10:45 (5)						
21	08:30		07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	10:18 (5)								
	16:20		17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37	28	10:46 (5)						
22	08:28		07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	10:18 (5)								
	16:22		17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37	28	10:46 (5)						
23	08:27		07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	10:19 (5)								
	16:24		17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38	28	10:47 (5)						
24	08:25		07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	10:19 (5)								
	16:26		17:34	18:33	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39	28	10:47 (5)						
25	08:24		07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	10:19 (5)								
	16:28		17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39	28	10:47 (5)						
26	08:22		07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	10:19 (5)								
	16:30		17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40	28	10:47 (5)						
27	08:20		07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	10:20 (5)								
	16:32		17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41	28	10:48 (5)						
28	08:19		07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	10:17 (5)								
	16:34		17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	9 10:26 (5)	15:42	28	10:48 (5)					
29	08:17			06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	10:16 (5)								
	16:36			19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	13 10:29 (5)	15:43	28	10:49 (5)					
30	08:15			06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:15	08:19	10:15 (5)								
	16:39			19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15 10:30 (5)	15:44	27	10:49 (5)					
31	08:13			06:49	04:35			05:12	06:13		07:17		08:47								
	16:41			19:48	21:47			21:26	20:14		16:36		15:45	27	10:50 (5)						
Potential sun hours	236		266		426		528		528		469		384		324		248		37		810
Total, worst case		297																			

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiū VES mirgoā Shadow receptor: FR - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (174)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:31	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:32	15:42
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	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:42
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	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
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	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:55	16:57	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
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	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:09	19:52	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:42
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:37
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:51	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:53	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:55	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:58	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:52	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	07:04	08:09	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:11	08:47
	16:30	17:39	18:38	20:42	21:40	22:06	21:36	20:26	19:04	16:48	15:49	15:40
27	08:20	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:06	07:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:38	04:39	04:27	05:06	06:07	07:08	07:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:47	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:36		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FS - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (175)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FT - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (176)

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FU - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (177)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FV - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (178)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:44	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
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24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:25	05:04	06:05	07:06	08:07	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FW - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (179)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FX - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (180)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FY - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (181)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
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	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
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27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
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30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: FZ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (182)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GA - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (183)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GB - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (184)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GC - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (185)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GD - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (186)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
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	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
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	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GE - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (187)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
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30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GF - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (188)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
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11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GG - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (189)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (190)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
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11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
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26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GI - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (191)

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
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	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
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30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
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Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GJ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (192)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
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Total, worst case												

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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GK - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (193)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

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	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
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	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
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	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
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15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
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27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GL - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (194)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GM - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (195)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:43
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GN - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (196)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GO - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (197)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiūi VES mirgoā Shadow receptor: GP - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (198)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December			
1	08:47	10:49 (5)	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21	10:42 (5)	
	15:46	11:15 (5)	16:43	17:45	17:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43	13	10:55 (5)
2	08:47	10:50 (5)	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22	10:41 (5)	
	15:47	11:16 (5)	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42	16	10:57 (5)
3	08:46	10:51 (5)	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24	10:41 (5)	
	15:49	11:16 (5)	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41	18	10:59 (5)
4	08:46	10:51 (5)	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26	10:39 (5)	
	15:50	11:15 (5)	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40	20	10:59 (5)
5	08:46	10:53 (5)	08:03	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27	10:39 (5)	
	15:51	11:16 (5)	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40	22	11:01 (5)
6	08:45	10:53 (5)	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29	10:39 (5)	
	15:53	11:16 (5)	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39	23	11:02 (5)
7	08:45	10:54 (5)	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30	10:39 (5)	
	15:54	11:16 (5)	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38	23	11:02 (5)
8	08:44	10:55 (5)	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:34	08:32	10:39 (5)	
	15:56	11:15 (5)	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38	25	11:04 (5)
9	08:43	10:56 (5)	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:31	07:37	08:33	10:39 (5)	
	15:57	11:15 (5)	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37	25	11:04 (5)
10	08:42	10:58 (5)	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34	10:39 (5)	
	15:59	11:14 (5)	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37	26	11:05 (5)
11	08:42	11:00 (5)	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36	10:39 (5)	
	16:01	11:13 (5)	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:44	18:25	16:13	15:37	27	11:06 (5)
12	08:41	11:02 (5)	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37	10:40 (5)	
	16:02	11:12 (5)	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36	27	11:07 (5)
13	08:40	10:59 (5)	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38	10:40 (5)	
	16:04	11:10 (5)	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36	27	11:07 (5)
14	08:39	10:57 (5)	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39	10:40 (5)	
	16:06	11:12 (5)	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36	28	11:08 (5)
15	08:38	10:56 (5)	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	08:40	10:40 (5)	
	16:08	11:14 (5)	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36	28	11:08 (5)
16	08:36	10:55 (5)	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41	10:41 (5)	
	16:10	11:16 (5)	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36	28	11:09 (5)
17	08:35	10:54 (5)	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42	10:41 (5)	
	16:12	11:17 (5)	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36	29	11:10 (5)
18	08:34	10:53 (5)	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43	10:42 (5)	
	16:14	11:18 (5)	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36	28	11:10 (5)
19	08:33	10:52 (5)	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:58	08:43	10:41 (5)	
	16:16	11:23 (5)	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36	29	11:10 (5)
20	08:31	10:51 (5)	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44	10:42 (5)	
	16:18	11:25 (5)	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37	29	11:11 (5)
21	08:30	10:50 (5)	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45	10:43 (5)	
	16:20	11:27 (5)	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37	29	11:12 (5)
22	08:28	10:49 (5)	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45	10:43 (5)	
	16:22	11:30 (5)	17:30	18:29	20:33	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37	29	11:12 (5)
23	08:27	10:48 (5)	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46	10:44 (5)	
	16:24	11:32 (5)	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38	29	11:13 (5)
24	08:25	10:47 (5)	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46	10:44 (5)	
	16:26	11:34 (5)	17:34	18:33	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39	29	11:13 (5)
25	08:24	10:46 (5)	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47	10:45 (5)	
	16:28	11:36 (5)	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39	28	11:13 (5)
26	08:22	10:45 (5)	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47	10:45 (5)	
	16:30	11:38 (5)	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40	29	11:14 (5)
27	08:20	10:44 (5)	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:13	08:47	10:45 (5)	
	16:32	11:41 (5)	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41	29	11:14 (5)
28	08:19	10:43 (5)	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47	10:46 (5)	
	16:34	11:43 (5)	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42	28	11:14 (5)
29	08:17	10:42 (5)	07:08	05:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47	10:47 (5)	
	16:36	11:44 (5)	17:44	18:43	20:47	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43	28	11:15 (5)
30	08:15	10:41 (5)	07:03	05:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47	10:48 (5)	
	16:39	11:46 (5)	17:46	18:45	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44	27	11:15 (5)
31	08:13	10:40 (5)	07:01	05:49	05:31	04:35	04:27	05:12	06:13	07:14	08:15	08:21	08:47	10:49 (5)	
	16:41	11:48 (5)	17:48	18:47	20:52	21:47	22:06	21:26	20:14	18:52	16:36	15:42	15:45	27	11:16 (5)
Potential sun hours	236	266	366	426	507	528	469	384	324	248	9	803			
Total, worst case	247														

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GQ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (199)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:42
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:46	08:03	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:29	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:59	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:15	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:37
19	08:33	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:58	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:52	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	07:04	08:10	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:11	08:47
	16:30	17:39	18:38	20:42	21:40	22:06	21:36	20:26	19:04	16:48	15:49	15:40
27	08:20	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:37	04:39	04:27	05:06	06:07	07:08	07:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:47	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GR - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (200)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:22	08:22
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GS - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (201)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
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	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GT - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (202)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GU - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (203)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
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	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GV - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (204)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37
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	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:46	07:47	07:53	08:42
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	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:44
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:47	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GW - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (205)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:48	22:05	21:24	20:11	18:51	16:34	15:43
2	08:46	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:02	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:05	18:45	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:52	22:03	21:18	20:03	18:43	16:27	15:40
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:51	16:52	17:53	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:37	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:11	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:27	05:15	04:27	04:35	05:27	06:29	07:28	07:34	08:31
	15:56	16:58	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:30	07:36	08:33
	15:57	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:44	06:22	05:10	04:26	04:38	05:31	06:32	07:33	07:38	08:34
	15:59	17:03	18:04	20:08	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:50	06:42	06:20	05:08	04:26	04:39	05:33	06:34	07:35	07:41	08:35
	16:01	17:05	18:06	20:10	21:12	22:00	21:57	21:03	19:44	18:24	16:13	15:37
12	08:40	07:48	06:39	06:17	05:06	04:25	04:40	05:35	06:36	07:37	07:43	08:36
	16:02	17:07	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:39	07:46	06:36	06:14	05:04	04:25	04:41	05:37	06:38	07:39	07:45	08:37
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:38	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:39
	16:06	17:12	18:12	20:17	21:18	22:02	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:41	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:46	07:47	07:53	08:41
	16:12	17:19	18:19	20:23	21:23	22:04	21:50	20:48	19:28	18:09	16:02	15:36
18	08:34	07:34	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:48	20:46	19:25	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:51	07:57	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:53	07:59	08:44
	16:18	17:25	18:25	20:29	21:29	22:05	21:45	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:55	08:01	08:44
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:17	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:03	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:22	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:05	08:45
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:54	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	15:51	15:39
25	08:23	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:35	20:39	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:11	08:46
	16:30	17:38	18:37	20:41	21:39	22:06	21:35	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:40	18:39	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:47	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:10	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:18	18:56	16:40	15:45	15:43
30	08:15		06:51	05:32	04:36	04:27	05:10	06:11	07:12	08:15	08:18	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GX - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (206)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:07	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:48	22:05	21:24	20:11	18:51	16:33	15:43
2	08:46	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:02	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:23
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:05	18:45	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:25	08:25
	15:50	16:50	17:51	19:56	20:58	21:52	22:03	21:18	20:03	18:43	16:27	15:40
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:51	16:52	17:53	19:58	21:00	21:54	22:02	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:55	20:00	21:02	21:55	22:02	21:14	19:57	18:37	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:11	19:55	18:35	16:21	15:38
8	08:43	07:57	06:49	06:27	05:15	04:27	04:35	05:27	06:28	07:28	07:34	08:31
	15:56	16:58	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:30	07:30	07:36	08:32
	15:57	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:44	06:22	05:10	04:26	04:37	05:31	06:32	07:32	07:38	08:34
	15:59	17:03	18:04	20:08	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:50	06:42	06:20	05:08	04:26	04:39	05:33	06:34	07:34	07:41	08:35
	16:01	17:05	18:06	20:10	21:12	22:00	21:57	21:02	19:44	18:24	16:13	15:37
12	08:40	07:48	06:39	06:17	05:06	04:25	04:40	05:35	06:36	07:37	07:43	08:36
	16:02	17:07	18:08	20:12	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:39	07:46	06:36	06:14	05:04	04:25	04:41	05:37	06:38	07:39	07:45	08:37
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:38	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:38
	16:06	17:12	18:12	20:17	21:18	22:02	21:54	20:55	19:36	18:17	16:07	15:36
15	08:37	07:41	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:52	20:53	19:33	18:14	16:05	15:36
16	08:36	07:39	06:28	06:07	04:58	04:24	04:46	05:43	06:44	07:45	07:51	08:40
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:46	07:47	07:53	08:41
	16:12	17:18	18:19	20:23	21:23	22:04	21:50	20:48	19:28	18:09	16:02	15:36
18	08:34	07:34	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:48	20:46	19:25	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:57	08:43
	16:15	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:53	07:59	08:44
	16:17	17:25	18:25	20:29	21:29	22:05	21:45	20:41	19:20	18:02	15:57	15:37
21	08:29	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:55	08:01	08:44
	16:19	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:17	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:03	08:45
	16:22	17:29	18:29	20:33	21:32	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:26	07:22	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:05	08:45
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:54	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	15:51	15:39
25	08:23	07:17	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:35	20:39	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:11	08:46
	16:30	17:38	18:37	20:41	21:39	22:06	21:35	20:26	19:04	16:47	15:49	15:40
27	08:20	07:12	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:40	18:39	20:43	21:41	22:06	21:34	20:23	19:01	16:45	15:47	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:10	08:15	08:47
	16:34	17:43	18:42	20:46	21:42	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:12	08:17	08:47
	16:36		19:44	20:48	21:44	22:05	21:30	20:18	18:56	16:40	15:45	15:43
30	08:15		06:51	05:32	04:36	04:27	05:10	06:11	07:12	08:15	08:18	08:47
	16:39		19:46	20:50	21:45	22:05	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GY - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (207)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30		04:28				07:19	08:20
2	15:46	16:43	17:45	19:50	20:52		21:49		20:18 (2)	06:15	07:14	08:20
3	08:47	08:09	07:05	06:43	05:28	20:16 (2)	04:33	04:29	05:16	20:45 (2)	06:11	07:21
4	15:48	16:45	17:47	19:52	20:54	6	20:22 (2)	21:50	22:04	21:22	20:45 (2)	06:17
5	08:46	08:07	07:03	06:41	05:26		20:14 (2)	04:32	04:30	05:17	20:18 (2)	06:19
6	15:49	16:48	17:49	19:54	20:56	10	20:24 (2)	21:51	22:04	21:20	20:45 (2)	06:16
7	08:46	08:05	07:00	06:38	05:24		20:12 (2)	04:31	04:31	05:19	20:18 (2)	06:21
8	15:50	16:50	17:51	19:56	20:58	14	20:26 (2)	21:53	22:03	21:18	20:44 (2)	06:20
9	08:45	08:03	06:57	06:36	05:21		20:11 (2)	04:30	04:32	05:21	20:18 (2)	06:23
10	15:52	16:52	17:54	19:58	21:00	17	20:28 (2)	21:54	22:03	21:16	20:42 (2)	06:20
11	08:45	08:01	06:55	06:33	05:19		20:10 (2)	04:29	04:33	05:23	20:19 (2)	06:25
12	15:53	16:54	17:56	20:00	21:02	20	20:30 (2)	21:55	22:02	21:14	20:40 (2)	06:25
13	08:44	07:59	06:52	06:30	05:17		20:10 (2)	04:28	04:34	05:25	20:20 (2)	06:27
14	15:55	16:56	17:58	20:02	21:04	22	20:32 (2)	21:56	22:01	21:12	20:38 (2)	06:25
15	08:44	07:57	06:50	06:28	05:15		20:09 (2)	04:28	04:35	05:27	20:21 (2)	06:29
16	15:56	16:59	18:00	20:04	21:06	24	20:33 (2)	21:57	22:00	21:09	20:37 (2)	06:28
17	08:43	07:55	06:47	06:25	05:13		20:08 (2)	04:27	04:36	05:29	20:21 (2)	06:31
18	15:58	17:01	18:02	20:06	21:08	27	20:35 (2)	21:58	21:59	21:07	20:34 (2)	06:30
19	08:42	07:53	06:44	06:22	05:11		20:08 (2)	04:26	04:38	05:31	20:23 (2)	06:33
20	15:59	17:03	18:04	20:09	21:10	27	20:35 (2)	21:59	21:58	21:05	20:32 (2)	06:32
21	08:41	07:51	06:42	06:20	05:09		20:08 (2)	04:26	04:39	05:33	20:25 (2)	06:35
22	16:01	17:05	18:06	20:11	21:12	27	20:35 (2)	22:00	21:57	21:03	20:30 (2)	06:34
23	08:40	07:48	06:39	06:17	05:06		20:07 (2)	04:25	04:40	05:35	20:22 (2)	06:37
24	16:03	17:08	18:08	20:13	21:14	28	20:35 (2)	22:01	21:56	21:00	20:29 (2)	06:36
25	08:39	07:46	06:37	06:15	05:04		20:07 (2)	04:25	04:42	05:37	20:21 (2)	06:40
26	16:04	17:10	18:11	20:15	21:16	27	20:34 (2)	22:02	21:55	20:58	20:20 (2)	06:39
27	08:38	07:44	06:34	06:12	05:03		20:08 (2)	04:24	04:43	05:39	06:41	07:41
28	16:06	17:12	18:13	20:17	21:18	27	20:35 (2)	22:03	21:54	20:56	19:36	18:17
29	08:37	07:42	06:31	06:09	05:01		20:08 (2)	04:24	04:45	05:41	06:43	07:43
30	16:08	17:14	18:15	20:19	21:20	27	20:35 (2)	22:03	21:53	1	20:32 (2)	20:53
31	08:36	07:39	06:29	06:07	04:59		20:08 (2)	04:24	04:46	05:43	06:44	07:45
1	16:10	17:16	18:17	20:21	21:22	26	20:34 (2)	22:04	21:51	8	20:35 (2)	20:51
2	08:35	07:37	06:26	06:04	04:57		20:08 (2)	04:24	04:48	05:45	06:46	07:47
3	16:12	17:19	18:19	20:23	21:24	26	20:34 (2)	22:04	21:50	12	20:37 (2)	20:49
4	08:34	07:35	06:23	06:02	04:55		20:09 (2)	04:24	04:49	05:47	06:48	07:49
5	16:14	17:21	18:21	20:25	21:25	25	20:34 (2)	22:05	21:49	15	20:39 (2)	20:46
6	08:32	07:32	06:21	05:59	04:53		20:09 (2)	04:24	04:51	05:49	06:50	07:51
7	16:16	17:23	18:23	20:27	21:27	24	20:33 (2)	22:05	21:47	17	20:40 (2)	20:44
8	08:31	07:30	06:18	05:57	04:51		20:10 (2)	04:24	04:52	05:51	06:52	07:53
9	16:18	17:25	18:25	20:29	21:29	23	20:33 (2)	22:06	21:46	19	20:41 (2)	20:41
10	08:30	07:27	06:15	05:54	04:50		20:10 (2)	04:24	04:54	05:53	06:54	07:56
11	16:20	17:28	18:27	20:31	21:31	22	20:32 (2)	22:06	21:44	20	20:41 (2)	20:39
12	08:28	07:25	06:13	05:52	04:48		20:11 (2)	04:24	04:56	05:55	06:56	07:58
13	16:22	17:30	18:29	20:33	21:33	21	20:32 (2)	22:06	21:42	22	20:43 (2)	20:36
14	08:27	07:23	06:10	05:49	04:47		20:12 (2)	04:24	04:57	05:57	06:58	08:00
15	16:24	17:32	18:31	20:35	21:34	20	20:32 (2)	22:06	21:41	23	20:43 (2)	20:34
16	08:25	07:20	06:07	05:47	04:45		20:12 (2)	04:24	04:59	05:59	07:00	08:02
17	16:26	17:34	18:33	20:37	21:36	18	20:30 (2)	22:06	21:39	24	20:44 (2)	20:31
18	08:24	07:18	06:05	05:45	04:43		20:14 (2)	04:25	05:01	05:59	07:02	08:04
19	16:28	17:36	18:36	20:40	21:38	16	20:30 (2)	22:06	21:37	25	20:44 (2)	20:29
20	08:22	07:15	06:02	05:42	04:42		20:15 (2)	04:25	05:03	05:59	07:04	08:06
21	16:30	17:38	18:38	20:42	21:39	14	20:29 (2)	22:06	21:36	25	20:44 (2)	20:26
22	08:20	07:13	05:59	05:40	04:41		20:16 (2)	04:26	05:04	05:59	07:06	08:08
23	16:32	17:41	18:40	20:44	21:41	11	20:27 (2)	22:06	21:34	26	20:45 (2)	20:24
24	08:18	07:10	05:57	05:37	04:39		20:19 (2)	04:26	05:06	05:59	07:08	08:11
25	16:34	17:43	18:42	20:46	21:43	6	20:25 (2)	22:06	21:32	27	20:45 (2)	20:21
26	08:17	07:07	05:54	05:35	04:38		20:18 (2)	04:27	05:08	05:59	07:10	08:13
27	16:37	17:46	18:45	20:48	21:44		20:26 (2)	22:06	21:30	27	20:45 (2)	20:19
28	08:15	07:04	05:51	05:33	04:37		20:18 (2)	04:28	05:10	05:59	07:12	08:15
29	16:39	17:48	18:47	20:50	21:46		20:26 (2)	22:05	21:28	28	20:46 (2)	20:16
30	08:13	07:01	05:48	05:30	04:35		20:17 (2)	04:29	05:12	05:59	07:14	08:17
31	16:41	17:50	18:49	20:52	21:47		20:26 (2)	22:05	21:26	28	20:45 (2)	20:13
Potential sun hours	236	266	366	426	507	555	527	528	469	384	324	248
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: GZ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (208)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December		
1	08:47	08:11	07:08	06:46	05:30	19:52 (2)	04:34	04:28	05:14	20:11 (2)	06:15	07:14	07:19	08:20
2	15:46	16:43	17:45	19:50	20:52	20:17 (2)	21:49	22:05	21:24	20:16 (2)	20:11	18:51	16:34	15:43
3	08:47	08:09	07:05	06:43	05:28	19:52 (2)	04:33	04:29	05:16	20:08 (2)	06:17	07:16	07:21	08:22
4	15:48	16:45	17:47	19:52	20:54	20:16 (2)	21:50	22:04	21:22	20:19 (2)	20:08	18:48	16:31	15:42
5	08:46	08:07	07:03	06:41	05:26	19:52 (2)	04:32	04:30	05:17	20:06 (2)	06:19	07:18	07:23	08:24
6	15:49	16:47	17:49	19:54	20:56	20:16 (2)	21:51	22:04	21:20	20:21 (2)	20:06	18:46	16:29	15:41
7	08:46	08:05	07:00	06:38	05:24	19:52 (2)	04:31	04:31	05:19	20:04 (2)	06:21	07:20	07:26	08:25
8	15:50	16:50	17:51	19:56	20:58	20:16 (2)	21:53	22:03	21:18	20:22 (2)	20:03	18:43	16:27	15:41
9	08:45	08:03	06:57	06:36	05:21	19:52 (2)	04:30	04:32	05:21	20:03 (2)	06:23	07:22	07:28	08:27
10	15:52	16:52	17:54	19:58	21:00	20:16 (2)	21:54	22:03	21:16	20:23 (2)	20:00	18:40	16:25	15:40
11	08:45	08:01	06:55	06:33	05:19	19:53 (2)	04:29	04:33	05:23	20:03 (2)	06:25	07:24	07:30	08:28
12	15:53	16:54	17:56	20:00	21:02	20:15 (2)	21:55	22:02	21:14	20:24 (2)	19:58	18:38	16:23	15:39
13	08:44	07:59	06:52	06:30	05:17	19:54 (2)	04:28	04:34	05:25	20:02 (2)	06:27	07:26	07:32	08:30
14	15:55	16:56	17:58	20:02	21:04	20:14 (2)	21:56	22:01	21:12	20:24 (2)	19:55	18:35	16:21	15:39
15	08:44	07:57	06:50	06:28	05:15	19:54 (2)	04:28	04:35	05:27	20:02 (2)	06:29	07:29	07:34	08:31
16	15:56	16:59	18:00	20:04	21:06	20:13 (2)	21:57	22:00	21:09	20:25 (2)	19:52	18:32	16:19	15:38
17	08:43	07:55	06:47	06:25	05:13	19:55 (2)	04:27	04:36	05:29	20:00 (2)	06:31	07:31	07:36	08:33
18	15:58	17:01	18:02	20:06	21:08	20:12 (2)	21:58	21:59	21:07	20:24 (2)	19:50	18:30	16:17	15:37
19	08:42	07:53	06:44	06:22	05:11	19:57 (2)	04:26	04:38	05:31	20:00 (2)	06:33	07:33	07:39	08:34
20	15:59	17:03	18:04	20:09	21:10	20:10 (2)	21:59	21:58	21:05	20:25 (2)	19:47	18:27	16:15	15:37
21	08:41	07:51	06:42	06:20	05:08	19:59 (2)	04:26	04:39	05:33	20:00 (2)	06:35	07:35	07:41	08:35
22	16:01	17:05	18:06	20:11	21:12	20:08 (2)	22:00	21:57	21:03	20:25 (2)	19:44	18:25	16:13	15:37
23	08:40	07:48	06:39	06:17	05:06	19:52 (2)	04:25	04:40	05:35	20:00 (2)	06:37	07:37	07:43	08:36
24	16:03	17:08	18:08	20:13	21:14	22:01	21:56	21:00	21:00	20:25 (2)	19:42	18:22	16:11	15:36
25	08:39	07:46	06:37	06:15	05:04	19:53 (2)	04:25	04:42	05:37	20:00 (2)	06:39	07:39	07:45	08:38
26	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	21:00	20:25 (2)	19:39	18:19	16:09	15:36
27	08:38	07:44	06:34	06:12	05:03	19:54 (2)	04:24	04:43	05:39	20:00 (2)	06:41	07:41	07:47	08:39
28	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	21:00	20:24 (2)	19:36	18:17	16:07	15:36
29	08:37	07:42	06:31	06:09	05:01	19:55 (2)	04:24	04:45	05:41	20:00 (2)	06:43	07:43	07:49	08:40
30	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	21:01	20:21 (2)	19:34	18:14	16:06	15:36
31	08:36	07:39	06:29	06:07	04:59	19:54 (2)	04:24	04:46	05:43	20:00 (2)	06:44	07:45	07:51	08:41
32	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	21:01	20:19 (2)	19:31	18:12	16:04	15:36
33	08:35	07:37	06:26	06:04	04:57	19:54 (2)	04:24	04:48	05:45	20:01 (2)	06:46	07:47	07:53	08:42
34	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	21:00	20:17 (2)	19:28	18:09	16:02	15:36
35	08:34	07:35	06:23	06:02	04:55	19:55 (2)	04:24	04:49	05:47	20:02 (2)	06:48	07:49	07:55	08:42
36	16:14	17:21	18:21	20:25	21:25	22:05	21:49	20:46	21:00	20:14 (2)	19:26	18:07	16:00	15:36
37	08:32	07:32	06:21	05:59	04:53	19:54 (2)	04:24	04:51	05:49	20:03 (2)	06:50	07:51	07:57	08:43
38	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	21:00	20:12 (2)	19:23	18:04	15:59	15:37
39	08:31	07:30	06:18	05:57	04:51	19:54 (2)	04:24	04:52	05:51	20:05 (2)	06:52	07:53	08:00	08:44
40	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	21:00	20:10 (2)	19:20	18:02	15:57	15:37
41	08:30	07:27	06:15	05:54	04:50	19:54 (2)	04:24	04:54	05:53	20:00 (2)	06:54	07:56	08:02	08:44
42	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	21:00	20:10 (2)	19:18	17:59	15:56	15:37
43	08:28	07:25	06:13	05:52	04:48	19:54 (2)	04:24	04:56	05:55	20:00 (2)	06:56	07:58	08:04	08:45
44	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	21:00	20:17 (2)	19:15	17:57	15:54	15:38
45	08:27	07:23	06:10	05:49	04:47	19:55 (2)	04:24	04:57	05:57	20:00 (2)	06:58	08:00	08:06	08:46
46	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	21:00	20:19 (2)	19:12	17:55	15:53	15:38
47	08:25	07:20	06:07	05:47	04:45	19:57 (2)	04:24	04:59	05:59	20:00 (2)	07:00	08:02	08:07	08:46
48	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	21:00	20:17 (2)	19:10	17:52	15:51	15:39
49	08:24	07:18	06:05	05:45	04:43	19:55 (2)	04:25	05:01	06:01	20:00 (2)	07:02	08:04	08:09	08:46
50	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	21:00	20:14 (2)	19:07	16:50	15:50	15:40
51	08:22	07:15	06:02	05:42	04:42	19:54 (2)	04:24	04:25	05:03	20:00 (2)	07:04	08:06	08:11	08:47
52	16:30	17:38	18:38	20:42	21:39	22:06	21:36	20:26	21:00	20:12 (2)	19:04	16:47	15:49	15:40
53	08:20	07:13	05:59	05:40	04:41	19:54 (2)	04:24	04:26	05:04	20:00 (2)	07:06	08:08	08:13	08:47
54	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	21:00	20:14 (2)	19:02	16:45	15:48	15:41
55	08:18	07:10	05:57	05:37	04:39	19:52 (2)	04:30	04:26	05:06	20:00 (2)	07:08	08:11	08:15	08:47
56	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	21:00	20:14 (2)	18:59	16:43	15:46	15:42
57	08:17	07:08	05:54	05:35	04:38	19:52 (2)	04:30	04:27	05:08	20:00 (2)	07:10	08:13	08:17	08:47
58	16:37	17:46	18:45	20:49	21:46	22:06	21:30	20:19	21:00	20:14 (2)	18:56	16:40	15:45	15:43
59	08:15	07:06	05:51	05:33	04:37	19:52 (2)	04:30	04:28	05:10	20:00 (2)	07:12	08:15	08:19	08:47
60	16:39	17:48	18:47	20:50	21:47	22:05	21:28	20:16	21:00	20:14 (2)	18:54	16:38	15:44	15:44
61	08:13	07:04	05:49	05:30	04:35	19:52 (2)	04:30	04:28	05:12	20:00 (2)	07:14	08:17	08:21	08:47
62	16:41	17:50	18:49	20:52	21:49	22:05	21:26	20:13	21:00	20:14 (2)	18:52	16:36	15:41	15:45
Potential sun hours	236	266	366	426	507	527	528	469	365	384	324	248	217	
Total, worst case				136	221									

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HA - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (209)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:48	22:05	21:24	20:11	18:51	16:34	15:43
2	08:46	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:02	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:05	18:45	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:52	22:03	21:18	20:03	18:43	16:27	15:40
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:53	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:28	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:44	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:08	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:36
	16:03	17:07	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:39	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:38	07:39	07:45	08:38
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:38	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:02	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:46	07:47	07:53	08:41
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:48	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:48	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:57	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:53	07:59	08:44
	16:18	17:25	18:25	20:29	21:29	22:05	21:45	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:01	08:44
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:03	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:05	08:45
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	15:51	15:39
25	08:23	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:35	20:39	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:38	18:37	20:42	21:39	22:06	21:35	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:47	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:10	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:18	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoāa Shadow receptor: HB - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (210)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December			
1	08:47	08:11	07:08	06:46	05:30	04:34	20:50 (2)	04:28	20:54 (2)	05:14	07:14	07:19	08:20		
2	15:46	16:43	17:45	19:50	20:52	21:49	21:10 (2)	22:05	21:22 (2)	21:24	20:11	18:51	16:34	15:43	
3	08:47	08:09	07:05	06:43	05:28	04:33	20:50 (2)	04:29	20:54 (2)	05:16	06:17	07:16	07:21	08:22	
4	15:48	16:45	17:47	19:52	20:54	21:50	22:12 (2)	22:04	21:21 (2)	21:22	20:08	18:48	16:32	15:42	
5	08:46	08:07	07:03	06:41	05:26	04:32	20:49 (2)	04:30	20:54 (2)	05:18	06:19	07:18	07:24	08:24	
6	15:49	16:48	17:49	19:54	20:56	21:51	24 21:13 (2)	22:04	21:22 (2)	21:20	20:06	18:46	16:29	15:41	
7	08:46	08:05	07:00	06:38	05:24	04:31	20:50 (2)	04:31	20:55 (2)	05:19	06:21	07:20	07:26	08:25	
8	15:50	16:50	17:51	19:56	20:58	21:53	24 21:14 (2)	22:03	21:22 (2)	21:18	20:03	18:43	16:27	15:41	
9	08:45	08:03	06:57	06:36	05:21	04:30	20:50 (2)	04:32	20:55 (2)	05:21	06:23	07:22	07:28	08:27	
10	15:52	16:52	17:54	19:58	21:00	21:54	25 21:15 (2)	22:03	21:22 (2)	21:16	20:00	18:40	16:25	15:40	
11	08:45	08:01	06:55	06:33	05:19	04:29	20:49 (2)	04:33	20:56 (2)	05:23	06:25	07:24	07:30	08:28	
12	15:53	16:54	17:56	20:00	21:02	21:55	26 21:15 (2)	22:02	21:22 (2)	21:14	19:58	18:38	16:23	15:39	
13	08:44	07:59	06:52	06:30	05:17	04:28	20:50 (2)	04:34	20:56 (2)	05:25	06:27	07:27	07:32	08:30	
14	15:55	16:56	17:58	20:02	21:04	21:56	26 21:16 (2)	22:01	21:22 (2)	21:12	19:55	18:35	16:21	15:39	
15	08:44	07:57	06:50	06:28	05:15	04:28	20:50 (2)	04:35	20:56 (2)	05:27	06:29	07:29	07:34	08:31	
16	15:56	16:59	18:00	20:04	21:06	21:57	26 21:16 (2)	22:00	21:21 (2)	21:09	19:52	18:32	16:19	15:38	
17	08:43	07:55	06:47	06:25	05:13	04:27	20:49 (2)	04:37	20:57 (2)	05:29	06:31	07:31	07:36	08:33	
18	15:58	17:01	18:02	20:06	21:08	21:58	27 21:16 (2)	21:59	21:20 (2)	21:07	19:50	18:30	16:17	15:38	
19	08:42	07:53	06:44	06:22	05:11	04:26	20:50 (2)	04:38	20:57 (2)	05:31	06:33	07:33	07:39	08:34	
20	15:59	17:03	18:04	20:09	21:10	21:59	27 21:17 (2)	21:58	22 21:19 (2)	21:05	19:47	18:27	16:15	15:37	
21	08:41	07:51	06:42	06:20	05:09	04:26	20:50 (2)	04:39	20:57 (2)	05:33	06:35	07:35	07:41	08:35	
22	16:01	17:05	18:06	20:11	21:12	22:00	28 21:18 (2)	21:57	21 21:18 (2)	21:03	19:44	18:25	16:13	15:37	
23	08:40	07:48	06:39	06:17	05:07	04:25	20:50 (2)	04:40	20:59 (2)	05:35	06:37	07:37	07:43	08:36	
24	16:03	17:08	18:08	20:13	21:14	22:01	27 21:17 (2)	21:56	19 21:18 (2)	21:00	19:42	18:22	16:11	15:37	
25	08:39	07:46	06:37	06:15	05:05	04:25	20:50 (2)	04:42	20:59 (2)	05:37	06:39	07:39	07:45	08:38	
26	16:04	17:10	18:11	20:15	21:16	22:02	28 21:18 (2)	21:55	18 21:17 (2)	20:58	19:39	18:20	16:09	15:36	
27	08:38	07:44	06:34	06:12	05:03	04:24	20:50 (2)	04:43	21:00 (2)	05:39	06:41	07:41	07:47	08:39	
28	16:06	17:12	18:13	20:17	21:18	22:03	28 21:18 (2)	21:54	16 21:16 (2)	20:56	19:36	18:17	16:07	15:36	
29	08:37	07:42	06:31	06:10	05:01	04:24	20:51 (2)	04:45	21:01 (2)	05:41	06:43	07:43	07:49	08:40	
30	16:08	17:14	18:15	20:19	21:20	22:03	28 21:19 (2)	21:53	14 21:15 (2)	20:53	19:34	18:14	16:06	15:36	
31	08:36	07:39	06:29	06:07	04:59	04:24	20:50 (2)	04:46	21:02 (2)	05:43	06:45	07:45	07:51	08:41	
32	16:10	17:16	18:17	20:21	21:22	22:04	28 21:18 (2)	21:51	12 21:14 (2)	20:51	19:31	18:12	16:04	15:36	
33	08:35	07:37	06:26	06:04	04:57	04:24	20:50 (2)	04:48	21:03 (2)	05:45	06:46	07:47	07:53	08:42	
34	16:12	17:19	18:19	20:23	21:24	22:04	28 21:18 (2)	21:50	9 21:12 (2)	20:49	19:28	18:09	16:02	15:36	
35	08:34	07:35	06:23	06:02	04:55	04:24	20:51 (2)	04:49	21:05 (2)	05:47	06:48	07:49	07:55	08:42	
36	16:14	17:21	18:21	20:25	21:25	22:05	28 21:19 (2)	21:49	7 21:12 (2)	20:46	19:26	18:07	16:00	15:36	
37	08:32	07:32	06:21	05:59	04:53	04:24	20:51 (2)	04:51	21:06 (2)	05:49	06:50	07:51	07:57	08:43	
38	16:16	17:23	18:23	20:27	21:27	22:05	28 21:19 (2)	21:47	4 21:10 (2)	20:44	19:23	18:04	15:59	15:37	
39	08:31	07:30	06:18	05:57	04:52	04:24	20:52 (2)	04:52		05:51	06:52	07:53	08:00	08:44	
40	16:18	17:25	18:25	20:29	21:29	22:06	28 21:20 (2)	21:46		20:41	19:20	18:02	15:57	15:37	
41	08:30	07:27	06:15	05:54	04:50	04:24	20:52 (2)	04:54		05:53	06:54	07:56	08:02	08:44	
42	16:20	17:28	18:27	20:31	21:31	22:06	28 21:20 (2)	21:44		20:39	19:18	17:59	15:56	15:37	
43	08:28	07:25	06:13	05:52	04:48	04:24	20:52 (2)	04:56		05:55	06:56	07:58	08:04	08:45	
44	16:22	17:30	18:29	20:33	21:33	22:06	28 21:20 (2)	21:42		20:36	19:15	17:57	15:54	15:38	
45	08:27	07:23	06:10	05:49	04:47	04:24	20:52 (2)	04:57		05:57	06:58	08:00	08:06	08:46	
46	16:24	17:32	18:31	20:35	21:34	22:06	28 21:20 (2)	21:41		20:34	19:12	17:55	15:53	15:38	
47	08:25	07:20	06:07	05:47	04:45	04:25	20:53 (2)	04:59		05:59	07:00	08:02	08:07	08:46	
48	16:26	17:34	18:33	20:37	21:36	1 20:59 (2)	22:06	28 21:21 (2)		21:39	20:31	19:10	17:52	15:51	15:39
49	08:24	07:18	06:05	05:45	04:43	04:25	20:56 (2)	04:51		05:01	06:01	07:02	07:04	08:09	08:46
50	16:28	17:36	18:36	20:40	21:38	5 21:01 (2)	22:06	29 21:21 (2)		21:37	20:29	19:07	16:50	15:50	15:40
51	08:22	07:15	06:02	05:42	04:42	04:25	20:55 (2)	04:52		05:03	06:03	07:04	07:06	08:11	08:47
52	16:30	17:38	18:38	20:42	21:39	8 21:03 (2)	22:06	28 21:21 (2)		21:36	20:26	19:04	16:47	15:49	15:40
53	08:20	07:13	05:59	05:40	04:41	04:25	20:53 (2)	04:54		05:04	06:05	07:06	07:08	08:13	08:47
54	16:32	17:41	18:40	20:44	21:41	11 21:04 (2)	22:06	28 21:21 (2)		21:34	20:24	19:02	16:45	15:48	15:41
55	08:18	07:10	05:57	05:37	04:39	04:26	20:52 (2)	04:56		05:06	06:07	07:08	07:11	08:15	08:47
56	16:34	17:43	18:42	20:46	21:43	13 21:05 (2)	22:06	28 21:22 (2)		21:32	20:21	18:59	16:43	15:46	15:42
57	08:17		06:54	05:35	04:38	04:27	20:51 (2)	04:57		05:08	06:09	07:10	07:13	08:17	08:47
58	16:37		19:44	20:48	21:44	16 21:07 (2)	22:06	28 21:21 (2)		21:30	20:19	18:56	16:40	15:45	15:43
59	08:15		06:51	05:33	04:37	04:37	20:51 (2)	04:58		05:10	06:11	07:12	07:15	08:19	08:47
60	16:39		19:46	20:50	21:46	17 21:08 (2)	22:05	28 21:22 (2)		21:28	20:16	18:54	16:38	15:44	15:44
61	08:13		06:49		04:35	20:51 (2)				05:12	06:13	07:14	07:17	08:21	08:47
62	16:41		19:48		21:47	18 21:09 (2)				21:26	20:13	18:54	16:36	15:45	15:45
Potential sun hours	236	266	366	426	507	527	807	528	379	469	384	324	248	217	
Total, worst case					89		807		379						

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HC - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (211)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December		
1	08:47	08:11	07:08	06:46	05:30	19:53 (3)	04:34	04:28	05:14	20:09 (3)	06:15	07:14	07:19	08:20
2	15:46	16:43	17:45	19:50	20:52	20:17 (3)	21:49	22:05	21:24	20:21 (3)	20:11	18:51	16:34	15:43
3	08:47	08:09	07:05	06:43	05:28	19:53 (3)	04:33	04:29	05:15	20:07 (3)	06:17	07:16	07:21	08:22
4	15:48	16:45	17:47	19:52	20:54	20:18 (3)	21:50	22:04	21:22	20:23 (3)	20:08	18:48	16:31	15:42
5	08:46	08:07	07:03	06:41	05:26	19:53 (3)	04:32	04:30	05:17	20:06 (3)	06:19	07:18	07:23	08:24
6	15:49	16:47	17:49	19:54	20:56	20:18 (3)	21:51	22:04	21:20	20:24 (3)	20:06	18:46	16:29	15:41
7	08:46	08:05	07:00	06:38	05:23	19:53 (3)	04:31	04:31	05:19	20:04 (3)	06:21	07:20	07:26	08:25
8	15:50	16:50	17:51	19:56	20:58	20:17 (3)	21:53	22:03	21:18	20:24 (3)	20:03	18:43	16:27	15:40
9	08:45	08:03	06:57	06:35	05:21	19:52 (3)	04:30	04:32	05:21	20:04 (3)	06:23	07:22	07:28	08:27
10	15:52	16:52	17:54	19:58	21:00	20:16 (3)	21:54	22:03	21:16	20:25 (3)	20:00	18:40	16:25	15:40
11	08:45	08:01	06:55	06:33	05:19	19:53 (3)	04:29	04:33	05:23	20:03 (3)	06:25	07:24	07:30	08:28
12	15:53	16:54	17:56	20:00	21:02	20:16 (3)	21:55	22:02	21:14	20:26 (3)	19:58	18:38	16:23	15:39
13	08:44	07:59	06:52	06:30	05:17	19:53 (3)	04:28	04:34	05:25	20:03 (3)	06:27	07:26	07:32	08:30
14	15:54	16:56	17:58	20:02	21:04	20:15 (3)	21:56	22:01	21:12	20:26 (3)	19:55	18:35	16:21	15:38
15	08:44	07:57	06:50	06:28	05:15	19:53 (3)	04:28	04:35	05:27	20:03 (3)	06:29	07:29	07:34	08:31
16	15:56	16:59	18:00	20:04	21:06	20:15 (3)	21:57	22:00	21:09	20:27 (3)	19:52	18:32	16:19	15:38
17	08:43	07:55	06:47	06:25	05:13	19:53 (3)	04:27	04:36	05:29	20:01 (3)	06:31	07:31	07:36	08:33
18	15:58	17:01	18:02	20:06	21:08	20:14 (3)	21:58	21:59	21:07	20:28 (3)	19:50	18:30	16:17	15:37
19	08:42	07:53	06:44	06:22	05:11	19:56 (3)	04:26	04:38	05:31	20:01 (3)	06:33	07:33	07:39	08:34
20	15:59	17:03	18:04	20:09	21:10	20:13 (3)	21:59	21:58	21:05	20:26 (3)	19:47	18:27	16:15	15:37
21	08:41	07:51	06:42	06:20	05:08	19:57 (3)	04:26	04:39	05:33	20:01 (3)	06:35	07:35	07:41	08:35
22	16:01	17:05	18:06	20:11	21:12	20:12 (3)	22:00	21:57	21:03	20:26 (3)	19:44	18:25	16:13	15:37
23	08:40	07:48	06:39	06:17	05:06	19:59 (3)	04:25	04:40	05:35	20:02 (3)	06:37	07:37	07:43	08:36
24	16:03	17:08	18:08	20:13	21:14	20:10 (3)	22:01	21:56	21:00	20:26 (3)	19:42	18:22	16:11	15:36
25	08:39	07:46	06:37	06:15	05:04	20:02 (3)	04:25	04:42	05:37	20:02 (3)	06:39	07:39	07:45	08:38
26	16:04	17:10	18:11	20:15	21:16	20:06 (3)	22:02	21:55	20:58	20:26 (3)	19:39	18:19	16:09	15:36
27	08:38	07:44	06:34	06:12	05:02	19:53 (3)	04:24	04:43	05:39	20:02 (3)	06:41	07:41	07:47	08:39
28	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	20:56	20:24 (3)	19:36	18:17	16:07	15:36
29	08:37	07:42	06:31	06:09	05:01	22:04	04:44	04:44	05:41	20:02 (3)	06:42	07:43	07:49	08:40
30	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	20:53	20:21 (3)	19:34	18:14	16:05	15:36
31	08:36	07:39	06:29	06:07	04:59	22:04	04:46	04:46	05:43	20:03 (3)	06:44	07:45	07:51	08:41
32	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	20:51	20:19 (3)	19:31	18:12	16:04	15:36
33	08:35	07:37	06:26	06:04	04:57	22:04	04:47	04:47	05:45	20:04 (3)	06:46	07:47	07:53	08:42
34	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	20:49	20:17 (3)	19:28	18:09	16:02	15:36
35	08:34	07:35	06:23	06:02	04:55	22:05	04:49	04:49	05:47	20:05 (3)	06:48	07:49	07:55	08:42
36	16:14	17:21	18:21	20:25	21:25	22:05	21:49	20:46	20:46	20:15 (3)	19:26	18:07	16:00	15:36
37	08:32	07:32	06:21	05:59	04:53	22:05	04:51	04:51	05:49	20:07 (3)	06:50	07:51	07:57	08:43
38	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	20:44	20:12 (3)	19:23	18:04	15:59	15:37
39	08:31	07:30	06:18	05:57	04:51	22:06	04:52	04:52	05:51	20:08	06:52	07:53	08:00	08:44
40	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	20:41	20:10	19:20	18:02	15:57	15:37
41	08:30	07:27	06:15	05:54	04:50	22:06	04:54	04:54	05:53	20:06	06:54	07:56	08:02	08:45
42	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	20:39	20:18	19:18	17:59	15:56	15:37
43	08:28	07:25	06:13	05:52	04:48	22:06	04:56	04:56	05:55	20:08	06:56	07:58	08:04	08:45
44	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	20:36	20:16	19:15	17:57	15:54	15:38
45	08:27	07:23	06:10	05:49	04:46	22:06	04:57	04:57	05:55	20:08	06:58	08:00	08:06	08:46
46	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	20:34	20:18	19:12	17:55	15:53	15:38
47	08:25	07:20	06:07	05:47	20:00 (3)	04:45	04:59	04:59	05:59	20:09	06:59	08:02	08:07	08:46
48	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	20:31	20:10	19:10	17:52	15:51	15:39
49	08:24	07:18	06:05	05:44	19:58 (3)	04:43	04:25	05:01	06:01	20:02	07:04	08:09	08:09	08:46
50	16:28	17:36	18:35	20:40	20:08 (3)	21:38	22:06	21:37	20:29	20:07	19:07	16:50	15:50	15:39
51	08:22	07:15	06:02	05:42	19:57 (3)	04:42	04:25	05:03	06:03	20:04	07:04	08:06	08:11	08:47
52	16:30	17:38	18:38	20:42	20:11 (3)	21:39	22:06	21:36	20:26	20:06	19:04	16:47	15:49	15:40
53	08:20	07:13	05:59	05:40	19:56 (3)	04:40	04:26	05:04	06:05	20:06	07:06	08:08	08:13	08:47
54	16:32	17:41	18:40	20:44	20:13 (3)	21:41	22:06	21:34	20:24	20:08	19:01	16:45	15:47	15:41
55	08:18	07:10	05:57	05:37	19:54 (3)	04:39	04:26	05:06	06:07	20:07	07:08	08:11	08:15	08:47
56	16:34	17:43	18:42	20:46	20:14 (3)	21:43	22:06	21:32	20:21	20:09	18:59	16:43	15:46	15:42
57	08:17	07:08	05:54	05:35	19:54 (3)	04:38	04:27	05:08	06:09	20:08	07:10	08:13	08:17	08:47
58	16:36	17:45	18:44	20:48	20:16 (3)	21:44	22:06	21:30	20:19	20:09	18:56	16:40	15:45	15:43
59	08:15	07:06	05:52	05:33	19:53 (3)	04:36	04:28	05:10	06:11	20:08	07:12	08:15	08:19	08:47
60	16:39	17:48	18:47	20:50	20:17 (3)	21:46	22:05	21:28	20:16	20:10	18:53	16:38	15:44	15:44
61	08:13	07:04	05:50	05:31	19:51 (3)	04:35	04:25	05:12	06:13	20:11 (3)	06:13	07:17	08:21	08:47
62	16:41	17:50	18:49	20:53	20:18 (3)	21:47	22:05	21:26	20:13	20:18 (3)	18:53	16:36	15:41	15:45
Potential sun hours	236	266	366	426	507	527	528	469	365	384	324	248	217	
Total, worst case				113	253		7							

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HD - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (212)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:48	22:05	21:24	20:11	18:51	16:34	15:43
2	08:46	08:09	07:05	06:43	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:52	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:28	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:44	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:08	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:36
	16:03	17:07	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:39	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:38	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:02	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:09	05:01	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:46	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:48	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:48	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:57	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:53	07:59	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:01	08:44
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:03	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:05	08:45
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	15:51	15:39
25	08:23	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:35	20:39	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:38	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:47	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:10	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HE - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (213)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HF - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (214)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HG - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (215)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
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	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (216)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June
1	08:47 15:46	08:11 16:43	07:08 17:45	06:46 19:50	05:30 20:52	19:21 (3) 04:34
2	08:47 15:48	08:09 16:45	07:05 17:47	06:43 19:52	05:28 20:54	38 19:21 (3) 04:33
3	08:46 15:49	08:07 16:47	07:03 17:49	17:16 (2) 06:41 19:54	05:26 20:56	38 19:21 (3) 04:32
4	08:46 15:50	08:05 16:50	07:00 17:51	17:12 (2) 06:38 19:56	05:23 20:58	37 19:21 (3) 04:31
5	08:45 15:52	08:03 16:52	06:57 17:54	17:09 (2) 06:35 19:58	05:21 21:00	36 19:22 (3) 04:30
6	08:45 15:53	08:01 16:54	06:55 17:56	17:08 (2) 06:33 20:00	05:19 21:02	36 19:21 (3) 04:29
7	08:44 15:54	07:59 16:56	06:52 17:58	17:06 (2) 06:30 20:02	05:17 21:04	35 19:22 (3) 04:28
8	08:44 15:56	07:57 16:59	06:50 18:00	17:05 (2) 06:28 20:04	05:15 21:06	34 19:23 (3) 04:28
9	08:43 15:58	07:55 17:01	06:47 18:02	17:05 (2) 06:25 20:06	05:13 21:08	33 19:23 (3) 04:27
10	08:42 15:59	07:53 17:03	06:44 18:04	17:04 (2) 06:22 20:09	05:11 21:10	31 19:24 (3) 04:26
11	08:41 16:01	07:51 17:05	06:42 18:06	17:03 (2) 06:20 20:11	05:08 21:12	33 19:24 (3) 04:26
12	08:40 16:03	07:48 17:08	06:39 18:08	17:04 (2) 06:17 20:13	05:06 21:14	30 19:24 (3) 04:26
13	08:39 16:04	07:46 17:10	06:37 18:11	17:03 (2) 06:15 20:15	05:04 21:16	34 19:25 (3) 04:25
14	08:38 16:06	07:44 17:12	06:34 18:13	17:03 (2) 06:12 20:17	19:47 (1) 05:02 21:18	38 19:25 (3) 04:25
15	08:37 16:08	07:42 17:14	06:31 18:15	17:04 (2) 06:09 20:19	19:42 (1) 05:01 21:20	38 19:26 (3) 04:24
16	08:36 16:10	07:39 17:16	06:29 18:17	17:05 (2) 06:07 20:21	19:41 (1) 04:59 21:22	38 19:27 (3) 04:24
17	08:35 16:12	07:37 17:19	06:26 18:19	17:05 (2) 06:04 20:23	19:38 (1) 04:57 21:24	37 19:28 (3) 04:24
18	08:34 16:14	07:35 17:21	06:23 18:21	17:06 (2) 06:02 20:25	19:37 (3) 04:55 21:26	31 19:29 (3) 04:24
19	08:32 16:16	07:32 17:23	06:21 18:23	17:09 (2) 05:59 20:27	19:33 (3) 04:53 21:27	31 19:30 (3) 04:24
20	08:31 16:18	07:30 17:25	06:18 18:25	17:21 (2) 05:57 20:29	19:31 (3) 04:51 21:29	26 05:52 (9) 22:05
21	08:30 16:20	07:27 17:27	06:15 18:27	05:54 20:31	19:29 (3) 04:50 21:31	27 05:53 (9) 22:06
22	08:28 16:22	07:25 17:30	06:13 18:29	05:52 20:33	19:27 (3) 04:48 21:33	28 05:54 (9) 22:06
23	08:27 16:24	07:23 17:32	06:10 18:31	05:49 20:35	19:26 (3) 04:46 21:34	29 05:54 (9) 22:06
24	08:25 16:26	07:20 17:34	06:07 18:33	05:47 20:38	19:25 (3) 04:45 21:36	30 05:54 (9) 22:06
25	08:24 16:28	07:18 17:36	06:05 18:36	05:45 20:40	19:24 (3) 04:43 21:38	31 05:54 (9) 22:06
26	08:22 16:30	07:15 17:38	06:02 18:38	05:42 20:42	19:23 (3) 04:42 21:39	32 05:54 (9) 22:06
27	08:20 16:32	07:13 17:41	05:59 18:40	05:40 20:44	19:23 (3) 04:40 21:41	32 05:54 (9) 22:06
28	08:19 16:34	07:10 17:43	05:57 18:42	05:37 20:46	19:21 (3) 04:39 21:43	32 05:54 (9) 22:06
29	08:17 16:37		06:54 19:44	05:35 20:48	19:21 (3) 04:38 21:44	32 05:54 (9) 22:06
30	08:15 16:39		06:51 19:46	05:33 20:50	19:21 (3) 04:36 21:46	32 05:54 (9) 22:06
31	08:13 16:41		06:49 19:48		19:19 (3) 04:35 21:47	32 05:54 (9) 22:06
Potential sun hours	236	266	366	426	507	527
Total, worst case			353	451	1024	927

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (216)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	July	August	September	October	November	December
1	04:28 22:05	05:31 (9) 06:02 (9)	05:14 21:24	19:35 (3) 20:04 (3)	06:15 20:11	07:19 18:34
2	04:29 22:04	05:31 (9) 06:02 (9)	05:16 21:22	19:34 (3) 20:05 (3)	06:17 20:08	07:21 18:48
3	04:30 22:04	05:31 (9) 06:02 (9)	05:17 21:20	19:34 (3) 20:06 (3)	06:19 20:06	07:24 18:46
4	04:31 22:03	05:31 (9) 06:03 (9)	05:19 21:18	19:32 (3) 20:06 (3)	06:21 20:03	07:26 18:43
5	04:32 22:03	05:31 (9) 06:03 (9)	05:21 21:16	19:32 (3) 20:06 (3)	06:23 20:00	07:28 18:40
6	04:33 22:02	05:31 (9) 06:03 (9)	05:23 21:14	19:31 (3) 20:07 (3)	06:25 19:58	07:30 18:38
7	04:34 22:01	05:32 (9) 06:04 (9)	05:25 21:12	19:31 (3) 20:07 (3)	06:27 19:55	07:32 18:35
8	04:35 22:00	05:32 (9) 06:04 (9)	05:27 21:09	19:31 (3) 20:08 (3)	06:29 19:52	07:34 18:32
9	04:36 21:59	05:32 (9) 06:04 (9)	05:29 21:07	19:30 (3) 20:07 (3)	06:31 19:50	07:36 18:30
10	04:38 21:58	05:32 (9) 06:04 (9)	05:31 21:05	19:30 (3) 20:07 (3)	06:33 19:47	07:39 18:27
11	04:39 21:57	05:32 (9) 06:04 (9)	05:33 21:03	19:30 (3) 20:07 (3)	06:35 19:44	07:41 18:25
12	04:40 21:56	05:32 (9) 06:05 (9)	05:35 21:00	19:30 (3) 20:07 (3)	06:37 19:42	07:43 18:22
13	04:42 21:55	05:32 (9) 06:05 (9)	05:37 20:58	19:30 (3) 20:07 (3)	06:39 19:39	07:45 18:19
14	04:43 21:54	05:32 (9) 06:05 (9)	05:39 20:56	19:30 (3) 20:07 (3)	06:41 19:36	07:47 18:17
15	04:44 21:53	05:32 (9) 06:04 (9)	05:41 20:53	19:29 (3) 20:06 (3)	06:43 19:34	07:49 18:14
16	04:46 21:51	05:33 (9) 06:05 (9)	05:43 20:51	19:29 (3) 20:05 (3)	06:44 19:31	07:51 18:12
17	04:47 21:50	05:33 (9) 06:05 (9)	05:45 20:49	19:30 (3) 20:05 (3)	06:46 19:28	07:53 18:09
18	04:49 21:49	05:34 (9) 06:05 (9)	05:47 20:46	19:30 (3) 20:05 (1)	06:48 19:26	07:55 18:07
19	04:51 21:47	05:34 (9) 06:04 (9)	05:49 20:44	19:31 (3) 20:05 (1)	06:50 19:23	07:58 18:04
20	04:52 21:46	05:34 (9) 06:05 (9)	05:51 20:41	19:32 (3) 20:05 (1)	06:52 19:20	08:00 18:02
21	04:54 21:44	05:34 (9) 06:04 (9)	05:53 20:39	19:33 (3) 20:05 (1)	06:54 19:18	08:02 17:59
22	04:56 21:42	05:35 (9) 06:04 (9)	05:55 20:36	19:33 (3) 20:03 (1)	06:56 19:15	08:04 17:57
23	04:57 21:41	05:35 (9) 06:03 (9)	05:57 20:34	19:34 (3) 20:02 (1)	06:58 19:12	08:06 17:55
24	04:59 21:39	05:36 (9) 06:03 (9)	05:59 20:31	19:37 (3) 20:00 (1)	07:00 19:10	08:08 18:04 (2)
25	05:01 21:37	05:36 (9) 06:02 (9)	06:01 20:29	19:40 (1) 19:58 (1)	07:02 19:07	07:04 18:06 (2)
26	05:03 21:36	05:38 (9) 19:55 (3)	06:03 20:26	19:41 (1) 19:56 (1)	07:04 19:04	07:06 18:08 (2)
27	05:04 21:34	05:39 (9) 19:58 (3)	06:05 20:24	19:42 (1) 19:53 (1)	07:06 19:02	07:08 18:08 (2)
28	05:06 21:32	05:40 (9) 19:59 (3)	06:07 20:21	19:44 (1) 19:51 (1)	07:08 18:59	07:11 18:09 (2)
29	05:08 21:30	05:42 (9) 20:01 (3)	06:09 20:19	07:10 18:56	07:13 18:09 (2)	07:15 17:44 (2)
30	05:10 21:28	05:44 (9) 20:02 (3)	06:11 20:16	07:12 18:54	07:15 18:10 (2)	07:15 17:43 (2)
31	05:12 21:26	05:47 (9) 20:03 (3)	06:13 20:13	07:17 16:36	07:17 16:36	07:17 16:36
Potential sun hours	528	469	384	324	248	217
Total, worst case	991	865	142	215		

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HI - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (217)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HJ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (218)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:24
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4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:55	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:48	05:45	06:46	07:47	07:53	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:57	08:43
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20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:53	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:44
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:47	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:35	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:38	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:41	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:48	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:37	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HK - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (219)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:46	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:45	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:40
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:53	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:28	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:44	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:08	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:36
	16:03	17:07	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:39	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:38	07:39	07:45	08:38
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:38	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:02	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:09	05:01	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:46	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:48	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:48	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:57	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:53	07:59	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:01	08:44
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:03	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:05	08:46
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	15:51	15:39
25	08:23	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:35	20:39	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:38	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:47	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:10	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoā Shadow receptor: HL - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (220)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December			
1	08:47 15:46	09:43 (6) 10:11 (6) 16:43	08:11 16	08:45 (5) 09:01 (5) 17:45	07:08 19:50	06:46 20:52	04:34 21:49	04:28 22:05	05:14 21:24	06:15 20:11	07:14 18:51	07:19 16:34	08:07 (5) 08:40 (5) 15:43	08:21 27	09:30 (6) 09:57 (6)
2	08:47 15:47	09:44 (6) 10:12 (6) 16:45	08:09 20	08:43 (5) 09:03 (5) 17:47	07:05 19:52	06:43 20:54	04:33 21:50	04:29 22:05	05:15 21:22	06:17 20:08	07:16 18:48	07:22 16:31	08:07 (5) 08:39 (5) 15:42	08:22 28	09:30 (6) 09:58 (6)
3	08:46 15:49	09:44 (6) 10:12 (6) 16:47	08:08 23	08:42 (5) 09:05 (5) 17:49	07:03 19:54	06:41 20:56	04:32 21:52	04:30 22:04	05:17 21:20	06:19 20:06	07:18 18:46	07:24 16:29	08:07 (5) 08:39 (5) 15:41	08:24 27	09:31 (6) 09:58 (6)
4	08:46 15:50	09:44 (6) 10:12 (6) 16:50	08:06 26	08:40 (5) 09:06 (5) 17:51	07:00 19:56	06:38 20:58	04:31 21:53	04:31 22:04	05:19 21:18	06:21 20:03	07:20 18:43	07:26 16:27	08:09 (5) 08:39 (5) 15:40	08:26 28	09:30 (6) 09:58 (6)
5	08:46 15:51	09:45 (6) 10:13 (6) 16:52	08:04 27	08:40 (5) 09:07 (5) 17:54	06:58 19:58	06:36 21:00	04:30 21:54	04:32 22:03	05:21 21:16	06:23 20:00	07:23 18:40	07:28 16:25	08:09 (5) 08:38 (5) 15:40	08:27 28	09:31 (6) 09:59 (6)
6	08:45 15:53	09:45 (6) 10:13 (6) 16:54	08:01 29	08:39 (5) 09:08 (5) 17:56	06:55 20:00	06:33 21:02	04:29 21:55	04:33 22:02	05:23 21:14	06:25 19:58	07:25 18:38	07:30 16:23	08:09 (5) 08:36 (5) 15:39	08:29 28	09:32 (6) 10:00 (6)
7	08:45 15:54	09:46 (6) 10:14 (6) 16:56	08:04 30	08:39 (5) 09:09 (5) 17:58	06:52 20:02	06:30 21:04	04:28 21:56	04:34 22:01	05:25 21:12	06:27 19:55	07:27 18:35	07:32 16:21	08:11 (5) 08:36 (5) 15:38	08:30 28	09:31 (6) 09:59 (6)
8	08:44 15:56	09:46 (6) 10:14 (6) 16:59	08:07 31	08:38 (5) 09:09 (5) 18:00	06:50 20:05	06:28 21:06	04:27 21:58	04:35 22:01	05:27 21:10	06:29 19:52	07:29 18:32	07:34 16:19	08:12 (5) 08:35 (5) 15:38	08:32 28	09:32 (6) 10:00 (6)
9	08:43 15:57	09:47 (6) 10:14 (6) 17:01	08:07 32	08:37 (5) 09:10 (5) 18:02	06:47 20:07	06:25 21:08	04:27 21:59	04:36 22:00	05:29 21:07	06:31 19:50	07:31 18:30	07:37 16:17	08:14 (5) 08:38 (5) 15:37	08:33 28	09:32 (6) 10:00 (6)
10	08:42 15:59	09:47 (6) 10:15 (6) 17:03	08:05 33	08:38 (5) 09:11 (5) 18:04	06:45 20:09	06:22 21:10	04:26 22:00	04:38 21:59	05:31 21:05	06:33 19:47	07:33 18:27	07:39 16:15	08:16 (5) 08:32 (5) 15:37	08:34 28	09:33 (6) 10:01 (6)
11	08:42 16:01	09:48 (6) 10:15 (6) 17:05	08:04 33	08:37 (5) 09:10 (5) 18:06	06:42 20:11	06:20 21:12	04:26 22:00	04:39 21:58	05:33 21:03	06:35 19:44	07:35 18:25	07:41 16:13	08:18 (5) 08:42 (5) 15:37	08:36 28	09:33 (6) 10:01 (6)
12	08:41 16:03	09:49 (6) 10:16 (6) 17:08	08:03 34	08:37 (5) 09:11 (5) 18:08	06:39 20:13	06:17 21:14	04:25 22:01	04:40 21:57	05:35 21:01	06:37 19:42	07:37 18:22	07:43 16:11	08:29 (5) 15:36	08:37 27	09:35 (6) 10:02 (6)
13	08:40 16:04	09:49 (6) 10:15 (6) 17:10	08:03 33	08:37 (5) 09:10 (5) 18:11	06:37 20:15	06:15 21:16	04:25 22:02	04:42 21:55	05:37 20:58	06:39 19:39	07:39 18:20	07:45 16:09	08:38 15:36	08:38 27	09:35 (6) 10:02 (6)
14	08:39 16:06	09:50 (6) 10:15 (6) 17:12	08:04 33	08:37 (5) 09:10 (5) 18:13	06:34 20:17	06:12 21:18	04:24 22:03	04:43 21:54	05:39 20:56	06:41 19:36	07:41 18:17	07:47 16:07	08:39 15:36	08:39 27	09:35 (6) 10:03 (6)
15	08:38 16:08	09:51 (6) 10:16 (6) 17:14	08:03 32	08:38 (5) 09:10 (5) 18:15	06:31 20:19	06:09 21:20	04:24 22:03	04:44 21:53	05:41 20:54	06:43 19:34	07:43 18:14	07:49 16:05	08:40 15:36	08:40 27	09:36 (6) 10:03 (6)
16	08:36 16:10	09:51 (6) 10:15 (6) 17:16	08:03 31	08:38 (5) 09:09 (5) 18:17	06:29 20:21	06:07 21:22	04:24 22:04	04:46 21:52	05:43 20:51	06:45 19:31	07:45 18:12	07:52 16:04	08:41 15:36	08:41 27	09:36 (6) 10:03 (6)
17	08:35 16:12	09:52 (6) 10:15 (6) 17:19	08:02 30	08:39 (5) 09:09 (5) 18:19	06:26 20:23	06:04 21:24	04:24 22:05	04:47 21:50	05:45 20:49	06:46 19:28	07:47 18:09	07:54 16:02	08:42 15:36	08:42 27	09:37 (6) 10:04 (6)
18	08:34 16:14	09:53 (6) 10:15 (6) 17:21	08:01 29	08:39 (5) 09:08 (5) 18:21	06:23 20:25	06:02 21:26	04:23 22:05	04:49 21:49	05:47 20:46	06:48 19:26	07:49 18:07	07:56 16:00	08:43 15:36	08:43 27	09:37 (6) 10:04 (6)
19	08:33 16:16	09:54 (6) 10:15 (6) 17:23	08:00 27	08:40 (5) 09:07 (5) 18:23	06:21 20:27	05:59 21:28	04:23 22:06	04:51 21:47	05:49 20:44	06:50 19:23	07:51 18:04	07:58 13	08:43 09:36 (6) 15:36	08:43 27	09:37 (6) 10:04 (6)
20	08:31 16:18	09:55 (6) 10:14 (6) 17:25	08:00 25	08:41 (5) 09:06 (5) 18:25	06:18 20:29	05:57 21:29	04:23 22:06	04:52 21:46	05:51 20:41	06:52 19:20	07:54 18:02	07:54 19	08:00 09:34 (5) 15:57	08:44 13	09:38 (6) 10:05 (6)
21	08:30 16:20	09:57 (6) 10:14 (6) 17:27	08:00 21	08:43 (5) 09:04 (5) 18:27	06:15 20:31	05:54 21:31	04:24 22:06	04:54 21:44	05:53 20:39	06:54 19:18	07:56 17:59	07:56 22	08:02 09:35 (5) 15:56	08:45 15	09:39 (6) 10:06 (6)
22	08:28 16:22	09:59 (6) 10:12 (6) 17:30	08:00 17	08:45 (5) 09:02 (5) 18:29	06:13 20:34	05:52 21:33	04:24 22:06	04:55 21:43	05:55 20:36	06:56 19:15	07:58 17:57	07:58 25	08:04 09:36 (5) 15:54	08:45 19	09:39 (6) 10:06 (6)
23	08:27 16:24	10:02 (6) 10:09 (6) 17:32	08:00 11	08:47 (5) 08:58 (5) 18:31	06:10 20:36	05:49 21:35	04:24 22:07	04:57 21:41	05:57 20:34	06:58 19:12	07:58 17:55	07:58 27	08:06 09:37 (5) 15:53	08:46 20	09:40 (6) 10:07 (6)
24	08:25 16:26	10:10 (6) 10:10 (6) 17:34	08:00 7	08:58 (5) 06:07 05:47	20:36 04:45	21:35 04:24	22:07 04:59	21:41 05:59	20:34 07:00	19:12 08:02	17:55 09:09 (5)	17:55 29	15:53 09:38 (5) 15:51	20	09:41 (6) 10:08 (6)
25	08:24 16:28	10:11 (6) 10:11 (6) 17:36	08:00 25	06:05 05:44	20:36 04:43	21:36 04:25	22:07 05:01	21:39 06:01	20:31 07:02	19:10 07:04	17:52 08:08 (5)	17:52 31	15:51 09:38 (5) 15:50	22	09:42 (6) 10:09 (6)
26	08:22 16:30	10:12 (6) 10:12 (6) 17:38	08:00 23	06:02 05:42	20:40 04:42	21:38 04:25	22:07 05:02	21:38 06:03	20:29 07:04	19:07 07:06	16:50 08:07 (5)	16:50 32	15:50 09:39 (5) 15:49	23	09:43 (6) 10:10 (6)
27	08:20 16:32	10:13 (6) 10:13 (6) 17:41	08:00 21	05:59 05:40	20:42 04:40	21:40 04:26	22:07 05:04	21:36 06:05	20:26 07:06	19:04 07:06	16:47 08:07 (5)	16:47 32	15:49 08:39 (5) 15:49	24	09:44 (6) 10:11 (6)
28	08:19 16:34	10:14 (6) 10:14 (6) 17:43	08:00 19	05:57 05:37	20:44 04:39	21:41 04:26	22:06 05:06	21:34 06:07	20:24 07:08	19:02 07:08	16:45 08:40 (5)	16:45 33	15:47 08:07 (5) 15:47	25	09:45 (6) 10:12 (6)
29	08:17 16:36	10:15 (6) 10:15 (6) 17:45	08:00 17	05:54 05:35	20:46 04:38	21:43 04:27	22:06 05:08	21:32 06:09	20:21 07:10	18:59 07:10	16:43 08:06 (5)	16:43 33	15:46 08:06 (5) 15:46	26	09:46 (6) 10:13 (6)
30	08:15 16:39	10:16 (6) 10:16 (6) 17:47	08:00 15	05:51 05:33	20:48 04:36	21:44 04:27	22:06 05:10	21:30 06:11	20:19 07:12	18:56 07:12	16:40 07:15	16:40 33	15:45 08:39 (5) 15:45	27	09:47 (6) 10:14 (6)
31	08:13 16:41	10:17 (6) 10:17 (6) 17:49	08:00 11	05:49 05:30	20:50 04:35	21:46 04:25	22:06 05:12	21:28 06:13	20:16 07:13	18:54 07:17	16:38 07:17	16:38 33	15:44 08:40 (5) 15:44	27	09:48 (6) 10:15 (6)
Potential sun hours	236	266	623	366	426	507	528	528	469	384	324	363	248	524	849
Total, worst case	564	623	366	426	507	528	469	384	324	363	248	524	849		

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HM - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (221)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:18	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:42
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:29	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:09	19:52	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:07	04:25	04:41	05:35	06:37	07:37	07:43	08:36
	16:03	17:08	18:09	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:39	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:38	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:15	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:10	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:42
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:37
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:51	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:53	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:58	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:52	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	07:04	08:09	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:11	08:47
	16:30	17:39	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:48	15:49	15:40
27	08:20	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:06	07:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:38	04:39	04:27	05:06	06:07	07:08	07:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:47	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:36		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	218
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HN - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (222)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:18	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:57	06:36	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:36
	16:03	17:08	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:39	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:38	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:48	05:45	06:47	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:47	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	07:04	08:09	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:11	08:47
	16:30	17:39	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:48	15:49	15:40
27	08:20	07:13	05:59	05:40	04:41	04:26	05:04	06:05	07:06	07:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:51	05:33	04:37	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HO - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (223)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	January	February	March	April	May	June				
1	08:47	14:09 (10)	08:11	07:08	17:11 (7)	06:46	05:30	04:34		
	15:46	31	14:40 (10)	16:43	17:45	5	17:16 (7)	19:50	20:52	21:49
2	08:47		14:09 (10)	08:09	07:05		17:06 (7)	06:43	05:28	04:33
	15:47	31	14:40 (10)	16:45	17:47	12	17:18 (7)	19:52	20:54	21:50
3	08:46		14:10 (10)	08:07	07:02		17:03 (7)	06:41	05:26	04:32
	15:49	31	14:41 (10)	16:47	17:49	17	17:20 (7)	19:54	20:56	21:51
4	08:46		14:10 (10)	08:05	07:00		17:02 (7)	06:38	05:23	04:31
	15:50	31	14:41 (10)	16:49	17:51	21	17:23 (7)	19:56	20:58	21:53
5	08:45		14:10 (10)	08:03	06:57		17:01 (7)	06:35	05:21	04:30
	15:51	31	14:41 (10)	16:52	17:53	23	17:24 (7)	19:58	21:00	21:54
6	08:45		14:11 (10)	08:01	06:55		16:59 (7)	06:33	05:19	04:29
	15:53	32	14:43 (10)	16:54	17:56	26	17:25 (7)	20:00	21:02	21:55
7	08:44		14:11 (10)	07:59	06:52		16:59 (7)	06:30	05:17	04:28
	15:54	32	14:43 (10)	16:56	17:58	27	17:26 (7)	20:02	21:04	21:56
8	08:44		14:12 (10)	07:57	06:50		16:58 (7)	06:27	05:14	04:27
	15:56	31	14:43 (10)	16:58	18:00	28	17:26 (7)	20:04	21:06	21:57
9	08:43		14:12 (10)	07:55	06:47		16:57 (7)	06:25	05:12	04:27
	15:57	32	14:44 (10)	17:01	18:02	28	17:25 (7)	20:06	21:08	21:58
10	08:42		14:13 (10)	07:53	06:44		16:57 (7)	06:22	05:10	04:26
	15:59	31	14:44 (10)	17:03	18:04	29	17:26 (7)	20:08	21:10	21:59
11	08:41		14:13 (10)	07:51	06:42		16:57 (7)	06:20	05:08	04:25
	16:01	32	14:45 (10)	17:05	18:06	28	17:25 (7)	20:11	21:12	22:00
12	08:40		14:13 (10)	07:48	06:39		16:57 (7)	06:17	05:06	04:25
	16:02	31	14:44 (10)	17:07	18:08	27	17:24 (7)	20:13	21:14	22:01
13	08:39		14:14 (10)	07:46	06:36		16:57 (7)	06:14	05:04	04:24
	16:04	31	14:45 (10)	17:10	18:10	27	17:24 (7)	20:15	21:16	22:02
14	08:38		14:15 (10)	07:44	06:34		16:58 (7)	06:12	05:02	04:24
	16:06	30	14:45 (10)	17:12	18:12	25	17:23 (7)	20:17	21:18	22:03
15	08:37		14:15 (10)	07:42	06:31		16:58 (7)	06:09	05:00	04:24
	16:08	30	14:45 (10)	17:14	18:15	24	17:22 (7)	20:19	21:20	22:03
16	08:36		14:16 (10)	07:39	06:29		17:00 (7)	06:07	04:58	04:24
	16:10	29	14:45 (10)	17:16	18:17	21	17:21 (7)	20:21	21:22	22:04
17	08:35		14:17 (10)	07:37	06:26		17:01 (7)	06:04	04:57	04:23
	16:12	29	14:46 (10)	17:18	18:19	18	17:19 (7)	20:23	21:24	22:04
18	08:34		14:17 (10)	07:35	06:23		17:03 (7)	06:02	04:55	04:23
	16:13	28	14:45 (10)	17:21	18:21	13	17:16 (7)	20:25	21:25	22:05
19	08:32		14:18 (10)	07:32	06:21		17:09 (7)	05:59	04:53	04:23
	16:15	27	14:45 (10)	17:23	18:23	1	17:10 (7)	20:27	21:27	22:05
20	08:31		14:19 (10)	07:30	06:18		05:57	04:51	04:23	04:23
	16:17	26	14:45 (10)	17:25	18:25		20:29	21:29	22:06	22:06
21	08:30		14:20 (10)	07:27	06:15		05:54	04:49	04:23	04:23
	16:19	24	14:44 (10)	17:27	18:27		20:31	21:31	22:06	22:06
22	08:28		14:21 (10)	07:25	06:13		05:52	04:48	04:24	04:24
	16:21	23	14:44 (10)	17:29	18:29		20:33	21:33	22:06	22:06
23	08:27		14:22 (10)	07:23	06:10		05:49	04:46	04:24	04:24
	16:24	21	14:43 (10)	17:32	18:31		20:35	21:34	22:06	22:06
24	08:25		14:24 (10)	07:20	06:07		05:47	04:45	04:24	04:24
	16:26	18	14:42 (10)	17:34	18:33		20:37	21:36	22:06	22:06
25	08:24		14:26 (10)	07:18	06:05		05:44	04:43	04:24	04:24
	16:28	15	14:41 (10)	17:36	18:35		20:40	21:38	22:06	22:06
26	08:22		14:29 (10)	07:15	06:02		05:42	04:42	04:25	04:25
	16:30	9	14:38 (10)	17:38	18:37		20:42	21:39	22:06	22:06
27	08:20			07:13	05:59		05:39	04:40	04:25	04:25
	16:32			17:40	18:40		20:44	21:41	22:06	22:06
28	08:18			07:10	05:57		05:37	04:39	04:26	04:26
	16:34			17:43	18:42		20:46	21:43	22:06	22:06
29	08:17				06:54		05:35	04:37	04:27	04:27
	16:36				19:44		20:48	21:44	22:06	22:06
30	08:15				06:51		05:32	04:36	04:27	04:27
	16:38				19:46		20:50	21:46	22:05	22:05
31	08:13				06:49			04:35	04:35	04:35
	16:41				19:48			21:47	22:05	22:05
Potential sun hours	236		266	366		426	507		528	
Total, worst case	716			400						

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HO - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (223)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	July	August	September	October	November	December
1	04:28 22:05	05:13 21:24	06:15 20:11	07:14 18:51	17:37 (7) 18:04 (7)	07:19 16:33
2	04:29 22:05	05:15 21:22	06:17 20:08	07:16 18:48	17:36 (7) 18:04 (7)	07:21 16:31
3	04:30 22:04	05:17 21:20	06:19 20:05	07:18 18:45	17:35 (7) 18:04 (7)	07:23 16:29
4	04:31 22:03	05:19 21:18	06:21 20:03	07:20 18:43	17:35 (7) 18:04 (7)	07:26 16:27
5	04:32 22:03	05:21 21:16	06:23 20:00	07:22 18:40	17:35 (7) 18:03 (7)	07:28 16:25
6	04:33 22:02	05:23 21:14	06:25 19:58	07:24 18:37	17:35 (7) 18:02 (7)	07:30 16:23
7	04:34 22:01	05:25 21:12	06:27 19:55	07:26 18:35	17:35 (7) 18:01 (7)	07:32 16:21
8	04:35 22:00	05:27 21:09	06:29 19:52	07:28 18:32	17:35 (7) 18:00 (7)	07:34 16:19
9	04:36 21:59	05:29 21:07	06:30 19:50	07:30 18:30	17:36 (7) 17:58 (7)	07:36 16:17
10	04:37 21:58	05:31 21:05	06:32 19:47	07:33 18:27	17:37 (7) 17:55 (7)	07:39 16:15
11	04:39 21:57	05:33 21:03	06:34 19:44	07:35 18:24	17:39 (7) 17:54 (7)	07:41 16:13
12	04:40 21:56	05:35 21:00	06:36 19:42	07:37 18:22	17:42 (7) 17:51 (7)	07:43 16:11
13	04:41 21:55	05:37 20:58	06:38 19:39	07:39 18:19	17:45 16:09	07:45 16:09
14	04:43 21:54	05:39 20:56	06:40 19:36	07:41 18:17	17:47 16:07	07:47 16:07
15	04:44 21:53	05:41 20:53	06:42 19:34	07:43 18:14	17:49 16:05	07:49 16:05
16	04:46 21:51	05:43 20:51	06:44 19:31	07:45 18:12	17:51 16:03	07:51 16:03
17	04:47 21:50	05:45 20:49	06:46 19:28	07:47 18:09	17:53 16:02	07:53 16:02
18	04:49 21:49	05:47 20:46	06:48 19:26	07:49 18:07	17:55 16:00	07:55 16:00
19	04:50 21:47	05:49 20:44	06:50 19:23	07:51 18:04	17:57 15:58	07:57 15:58
20	04:52 21:46	05:51 20:41	06:52 19:20	07:53 18:02	17:59 15:57	08:00 15:57
21	04:54 21:44	05:53 20:39	06:54 19:17	07:56 17:59	18:00 15:55	08:02 15:55
22	04:55 21:42	05:55 20:36	06:56 19:15	07:58 17:57	18:02 15:54	08:04 15:54
23	04:57 21:41	05:57 20:34	06:58 19:12	08:00 17:54	18:04 15:52	08:06 15:52
24	04:59 21:39	05:59 20:31	07:00 19:09	08:02 17:52	18:06 15:51	08:07 15:51
25	05:01 21:37	06:01 20:29	07:02 19:07	17:47 (7) 17:57 (7)	07:04 16:50	08:09 15:50
26	05:02 21:36	06:03 20:26	07:04 19:04	17:43 (7) 18:00 (7)	07:06 16:47	08:11 15:48
27	05:04 21:34	06:05 20:24	07:06 19:01	17:41 (7) 18:01 (7)	07:08 16:45	08:13 15:47
28	05:06 21:32	06:07 20:21	07:08 18:59	17:39 (7) 18:02 (7)	07:10 16:43	08:15 15:46
29	05:08 21:30	06:09 20:18	07:10 18:56	17:39 (7) 18:04 (7)	07:13 16:40	08:17 15:45
30	05:10 21:28	06:11 20:16	07:12 18:53	17:38 (7) 18:04 (7)	07:15 16:38	08:19 15:44
31	05:11 21:26	06:13 20:13		07:17 16:36	07:17 16:36	08:17 15:45
Potential sun hours	528	469	384	324	248	217
Total, worst case			121	283	371	953

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņi VES mirgoā Shadow receptor: HP - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (224)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December				
1	08:47	10:57 (5)	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21			
	15:46	17	11:14 (5)	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43		
2	08:47	10:59 (5)	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22			
	15:47	16	11:15 (5)	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42		
3	08:47	10:59 (5)	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24			
	15:49	15	11:14 (5)	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41		
4	08:46	11:00 (5)	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26			
	15:50	13	11:13 (5)	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40		
5	08:46	11:03 (5)	08:03	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27			
	15:51	10	11:13 (5)	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40		
6	08:45	11:05 (5)	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29	10:51 (5)		
	15:53	6	11:11 (5)	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39	6	10:57 (5)
7	08:45	11:07 (5)	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30	10:49 (5)		
	15:54	17:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38	10	10:59 (5)		
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:34	08:32	10:49 (5)			
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38	12	11:01 (5)		
9	08:43	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:31	07:37	08:33	10:49 (5)			
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37	14	11:03 (5)		
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34	10:48 (5)			
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37	16	11:04 (5)		
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36	10:47 (5)			
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:44	18:25	16:13	15:36	17	11:04 (5)		
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37	10:48 (5)			
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36	18	11:06 (5)		
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38	10:48 (5)			
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36	19	11:07 (5)		
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39	10:48 (5)			
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36	19	11:07 (5)		
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	08:40	10:48 (5)			
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:53	19:34	18:14	16:05	15:36	20	11:08 (5)		
16	08:36	07:39	06:29	06:07	04:58	04:24	04:46	05:43	06:44	07:45	07:52	08:41	10:48 (5)			
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36	21	11:09 (5)		
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42	10:48 (5)			
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36	21	11:09 (5)		
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43	10:49 (5)			
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36	21	11:10 (5)		
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:58	08:43	10:49 (5)			
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36	21	11:10 (5)		
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44	10:49 (5)			
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37	22	11:11 (5)		
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45	10:50 (5)			
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37	22	11:12 (5)		
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45	10:50 (5)			
	16:22	17:30	18:29	20:33	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37	22	11:12 (5)		
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46	10:51 (5)			
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38	22	11:13 (5)		
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46	10:51 (5)			
	16:26	17:34	18:33	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39	22	11:13 (5)		
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47	10:52 (5)			
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39	21	11:13 (5)		
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47	10:52 (5)			
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40	21	11:13 (5)		
27	08:20	07:13	05:59	05:40	04:40	04:25	05:04	06:05	07:06	08:09	08:13	08:47	10:53 (5)			
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41	21	11:14 (5)		
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47	10:54 (5)			
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42	20	11:14 (5)		
29	08:17	06:54	05:35	04:38	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47	10:54 (5)			
	16:36	17:44	18:43	20:47	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43	20	11:14 (5)		
30	08:15	06:51	05:33	04:36	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47	10:55 (5)			
	16:39	17:46	18:45	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44	19	11:14 (5)		
31	08:13	06:49	05:31	04:35	04:35	04:26	05:12	06:13	07:14	08:17	08:21	08:47	10:57 (5)			
	16:41	17:48	18:47	20:51	21:47	22:06	21:26	20:14	18:51	16:36	15:41	15:45	18	11:15 (5)		
Potential sun hours	236		266	366	426	507	528	528	469	384	324	248	217	185		
Total, worst case	77															

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HQ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (225)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HR - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (226)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:18	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:42
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:29	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:09	19:52	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:38	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:15	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:42
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:37
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:51	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	07:04	08:09	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:11	08:47
	16:30	17:39	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:48	15:49	15:40
27	08:20	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:06	07:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:37	04:39	04:27	05:06	06:07	07:08	07:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HS - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (227)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HT - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (228)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HU - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (229)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
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	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
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20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HV - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (230)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:35	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:34	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:37	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:44	18:25	16:13	15:36
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:58	04:24	04:46	05:43	06:44	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:58	08:43
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:23	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:33	20:38	21:36	22:07	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:25	05:04	06:05	07:06	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HW - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (231)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December	
1	08:47 15:46 16	10:30 (1) 10:46 (1) 16:43	08:11 08:10 16:45	07:08 07:05 17:47	06:46 06:44 19:52	05:30 05:28 20:54	04:34 04:33 21:50	04:28 04:29 22:05	05:14 05:16 21:22	06:15 06:17 20:08	07:15 07:17 18:48	07:19 07:22 16:32	08:21 08:22 15:42
2	08:47 15:48 16	10:31 (1) 10:47 (1) 16:45	08:10 08:08 17:47	07:05 07:03 17:49	06:44 06:41 19:54	05:28 05:26 20:56	04:33 04:32 21:52	04:29 04:30 22:04	05:16 05:17 21:20	06:17 06:19 20:06	07:17 07:19 18:46	07:21 07:24 16:29	08:22 08:24 15:41
3	08:47 15:49 16	10:32 (1) 10:48 (1) 16:48	08:08 08:06 17:49	07:03 07:00 17:52	06:41 06:38 19:56	05:26 05:24 20:58	04:32 04:31 21:53	04:30 04:31 22:04	05:17 05:19 21:18	06:19 06:21 20:03	07:19 07:21 18:43	07:24 07:27 16:27	08:24 08:26 15:41
4	08:46 15:50 12	10:33 (1) 10:45 (1) 16:50	08:06 08:04 17:54	07:00 06:58 19:58	06:38 06:36 21:00	05:24 05:21 21:00	04:31 04:30 21:54	04:31 04:32 22:03	05:19 05:21 21:16	06:21 06:23 20:01	07:21 07:23 18:40	07:26 07:28 16:25	08:26 08:27 15:40
5	08:46 15:52 10	10:35 (1) 10:45 (1) 16:52	08:04 08:02 17:54	06:58 06:55 19:58	06:36 06:33 21:00	05:21 05:19 21:00	04:30 04:29 21:54	04:32 04:33 22:03	05:21 05:23 21:16	06:23 06:25 20:01	07:23 07:25 18:40	07:28 07:30 16:25	08:27 08:29 15:40
6	08:45 15:53 7	10:37 (1) 10:44 (1) 16:54	08:02 07:59 17:56	06:55 06:52 19:58	06:33 06:30 21:02	05:19 05:17 21:02	04:29 04:28 21:55	04:33 04:34 22:02	05:23 05:25 21:14	06:25 06:27 20:01	07:25 07:27 18:38	07:30 07:32 16:23	08:29 08:30 15:39
7	08:45 15:55	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
8	08:44 15:56	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
9	08:43 15:58	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
10	08:42 15:59	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
11	08:42 16:01	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
12	08:41 16:03	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
13	08:40 16:04	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
14	08:39 16:06	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
15	08:38 16:08	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
16	08:36 16:10	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
17	08:35 16:12	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
18	08:34 16:14	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
19	08:33 16:16	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
20	08:31 16:18	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
21	08:30 16:20	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
22	08:28 16:22	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
23	08:27 16:24	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
24	08:25 16:26	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
25	08:24 16:28	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
26	08:22 16:30	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
27	08:20 16:32	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
28	08:19 16:34	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
29	08:17 16:37	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
30	08:15 16:39	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
31	08:13 16:41	10:37 (1) 16:54	08:02 07:59	06:55 06:52	06:33 06:30	05:19 05:17	04:29 04:28	04:33 04:34	05:23 05:25	06:25 06:27	07:25 07:27	16:25 16:23	08:29 08:30
Potential sun hours	236												
Total, worst case	75	266	366	426	507	528	528	469	384	324	248	217	460

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HX - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (232)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HY - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (233)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: HZ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (234)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:25	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:17	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IA - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (235)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:15	07:19	08:21
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:53	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:07	20:11	21:12	22:00	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:32	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:29	18:10	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:50	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:01	15:36
19	08:33	07:33	06:21	06:00	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:43
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:21	18:02	15:57	15:37
21	08:30	07:28	06:16	05:55	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:30	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:03	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:05	08:07	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:27	19:04	16:48	15:49	15:40
27	08:20	07:13	06:00	05:40	04:41	04:26	05:05	06:05	07:07	08:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:38	04:39	04:26	05:06	06:07	07:09	08:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:11	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IB - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (236)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:31	04:34	04:29	05:14	06:15	07:15	07:19	08:21
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:46	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:30	15:42
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:20	06:21	07:21	07:26	08:25
	15:50	16:50	17:52	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:22	04:30	04:32	05:22	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:29	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:03	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:36	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:05	21:06	21:57	22:00	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	22:00	21:07	19:50	18:30	16:17	15:38
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
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17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
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	16:18	17:26	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
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22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:50	04:47	04:24	04:58	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:25	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:52	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:03	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:06	21:38	20:29	19:07	16:50	15:50	15:40
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:38	04:39	04:27	05:06	06:07	07:09	08:11	08:15	08:47
	16:35	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:47	15:42
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30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:36		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IC - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (237)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:41
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:01	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:53	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:57	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:23	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:07	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:37
13	08:40	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:03	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:32	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:15	16:06	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:05	04:57	04:24	04:48	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:50	07:56	08:43
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19	08:33	07:33	06:21	05:59	04:53	04:24	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:05	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:57	07:58	08:04	08:45
	16:22	17:30	18:30	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:50	04:47	04:24	04:57	05:57	06:59	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:01	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:03	08:04	08:10	08:47
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:09	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:11	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:37	04:28	05:10	06:11	07:13	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: ID - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (238)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:08	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:41	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:38	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:43	07:43	07:49	08:40
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16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:50	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IE - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (239)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:33	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:45	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:49	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:51	16:52	17:53	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:39
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:27	05:14	04:27	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:58	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:57	17:01	18:02	20:06	21:08	21:58	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:44	06:22	05:10	04:26	04:37	05:31	06:32	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:59	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:08	04:25	04:39	05:33	06:34	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:44	18:24	16:13	15:36
12	08:41	07:48	06:39	06:17	05:06	04:25	04:40	05:35	06:36	07:37	07:43	08:37
	16:02	17:07	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:14	05:04	04:24	04:41	05:37	06:38	07:39	07:45	08:38
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:58	04:23	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:03	15:36
17	08:35	07:37	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	07:53	08:42
	16:11	17:18	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:56	08:43
	16:13	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36 4
19	08:33	07:32	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:58	08:43 13:28 (7)
	16:15	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:58	15:36 5
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:53	08:00	08:44 13:29 (7)
	16:17	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37 5
21	08:30	07:27	06:15	05:54	04:49	04:23	04:54	05:53	06:54	07:56	08:02	08:45 13:29 (7)
	16:19	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:55	15:37 7
22	08:28	07:25	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	08:04	08:45 13:29 (7)
	16:21	17:30	18:29	20:33	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:37 7
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46 13:30 (7)
	16:24	17:32	18:31	20:35	21:35	22:06	21:41	20:34	19:12	17:54	15:52	15:38 6
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46 13:31 (7)
	16:26	17:34	18:33	20:38	21:36	22:06	21:39	20:31	19:09	17:52	15:51	15:38 5
25	08:24	07:18	06:05	05:44	04:43	04:24	05:01	06:01	07:02	07:04	08:10	08:47 13:32 (7)
	16:28	17:36	18:35	20:40	21:38	22:07	21:37	20:29	19:07	16:50	15:50	15:39 4
26	08:22	07:15	06:02	05:42	04:42	04:25	05:02	06:03	07:04	07:06	08:11	08:47 13:33 (7)
	16:30	17:38	18:38	20:42	21:40	22:06	21:36	20:26	19:04	16:47	15:48	15:40 2
27	08:20	07:13	05:59	05:39	04:40	04:25	05:04	06:05	07:06	07:08	08:13	08:47 13:35 (7)
	16:32	17:40	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:37	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:32	04:36	04:27	05:10	06:11	07:12	07:15	08:19	08:47
	16:38		19:46	20:50	21:46	22:06	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:11	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												45

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IF - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (240)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December				
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	15:35 (7)	08:20			
	15:46	16:43	17:45	17:50	20:52	21:49	22:05	21:24	20:11	18:51	16:33	22	15:57 (7)	15:43		
2	08:47	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	15:36 (7)	08:22			
	15:47	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	21	15:57 (7)	15:42		
3	08:46	08:07	07:02	06:41	05:25	04:32	04:30	05:17	06:19	07:18	07:23	15:37 (7)	08:24			
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:05	18:45	16:29	18	15:55 (7)	15:41		
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	15:37 (7)	08:25			
	15:50	16:49	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15	15:52 (7)	15:40		
5	08:45	08:03	16:11 (7)	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	15:40 (7)	08:27		
	15:51	16:52	7	16:18 (7)	17:53	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	10	15:50 (7)	15:39
6	08:45	08:01	16:10 (7)	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	15:42 (7)	08:28		
	15:53	16:54	11	16:21 (7)	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:37	16:23	6	15:48 (7)	15:39
7	08:44	07:59	16:08 (7)	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	15:38	08:30		
	15:54	16:56	15	16:23 (7)	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38		
8	08:44	07:57	16:07 (7)	06:50	06:27	05:14	04:27	04:35	05:27	06:28	07:28	07:34	15:38	08:31		
	15:56	16:58	18	16:25 (7)	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38		
9	08:43	07:55	16:06 (7)	06:47	06:25	05:12	04:27	04:36	05:29	06:30	07:30	07:36	15:38	08:33		
	15:57	17:01	22	16:28 (7)	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37		
10	08:42	07:53	16:05 (7)	06:44	06:22	05:10	04:26	04:37	05:31	06:32	07:33	07:39	15:37	08:34		
	15:59	17:03	23	16:28 (7)	18:04	20:08	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37		
11	08:41	07:51	16:05 (7)	06:42	06:20	05:08	04:25	04:39	05:33	06:34	07:35	07:41	15:37	08:35		
	16:01	17:05	24	16:29 (7)	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:24	16:13	15:36		
12	08:40	07:48	16:05 (7)	06:39	06:17	05:06	04:25	04:40	05:35	06:36	07:37	07:43	15:36	08:37		
	16:02	17:07	25	16:30 (7)	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36		
13	08:39	07:46	16:04 (7)	06:36	06:14	05:04	04:24	04:41	05:37	06:38	07:39	07:45	15:36	08:38		
	16:04	17:10	25	16:29 (7)	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36		
14	08:38	07:44	16:05 (7)	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	15:36	08:39		
	16:06	17:12	25	16:30 (7)	18:12	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36		
15	08:37	07:42	16:04 (7)	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	15:36	08:40		
	16:08	17:14	25	16:29 (7)	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36		
16	08:36	07:39	16:05 (7)	06:29	06:07	04:58	04:23	04:46	05:43	06:44	07:45	07:51	15:36	08:41		
	16:10	17:16	24	16:29 (7)	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:03	15:36		
17	08:35	07:37	16:05 (7)	06:26	06:04	04:56	04:23	04:47	05:45	06:46	07:47	07:53	15:36	08:42		
	16:11	17:18	23	16:28 (7)	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	16:02	15:36		
18	08:34	07:35	16:06 (7)	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	07:55	15:36	08:42		
	16:13	17:21	22	16:28 (7)	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36		
19	08:32	07:32	16:07 (7)	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	07:58	15:36	08:43		
	16:15	17:23	19	16:26 (7)	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:58	15:36		
20	08:31	07:30	16:09 (7)	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:53	16:43 (7)	08:00	08:44		
	16:17	17:25	16	16:25 (7)	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	8	16:51 (7)	15:57	
21	08:30	07:27	16:10 (7)	06:15	05:54	04:49	04:23	04:54	05:53	06:54	07:56	16:41 (7)	08:02	08:45		
	16:19	17:27	13	16:23 (7)	18:27	20:31	21:31	22:06	21:44	20:39	19:17	17:59	14	16:55 (7)	15:55	
22	08:28	07:25	16:15 (7)	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	16:39 (7)	08:04	08:45		
	16:21	17:29	4	16:19 (7)	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	17	16:56 (7)	15:54	
23	08:27	07:23	16:16 (7)	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	16:37 (7)	08:06	08:46		
	16:23	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:54	20	16:57 (7)	15:52	15:38		
24	08:25	07:20	16:17 (7)	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	16:36 (7)	08:08	08:46		
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	22	16:58 (7)	15:51	15:38		
25	08:24	07:18	16:18 (7)	06:05	05:44	04:43	04:24	05:00	06:01	07:02	08:04	15:35 (7)	08:09	08:46		
	16:28	17:36	18:35	20:40	21:38	22:06	21:37	20:29	19:07	16:50	24	15:59 (7)	15:50	15:39		
26	08:22	07:15	16:19 (7)	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	15:34 (7)	08:11	08:47		
	16:30	17:38	18:37	20:42	21:40	22:06	21:36	20:26	19:04	16:47	25	15:59 (7)	15:48	15:40		
27	08:20	07:13	16:20 (7)	05:59	05:39	04:40	04:25	05:04	06:05	07:06	08:07	15:35 (7)	08:13	08:47		
	16:32	17:40	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	24	15:59 (7)	15:47	15:41		
28	08:18	07:10	16:21 (7)	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	15:34 (7)	08:15	08:47		
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	25	15:59 (7)	15:46	15:42		
29	08:17	07:08	16:22 (7)	05:54	05:35	04:37	04:27	05:08	06:09	07:10	08:11	15:34 (7)	08:17	08:47		
	16:36	17:47	18:46	20:50	21:47	22:06	21:30	20:19	18:56	16:40	25	15:59 (7)	15:45	15:42		
30	08:15	07:03	16:23 (7)	05:51	05:32	04:36	04:27	05:10	06:11	07:12	08:13	15:35 (7)	08:19	08:47		
	16:38	17:49	18:48	20:50	21:46	22:05	21:28	20:16	18:53	16:38	24	15:59 (7)	15:44	15:44		
31	08:13	07:01	16:24 (7)	05:49	05:30	04:35	04:28	05:11	06:13	07:14	08:15	15:35 (7)	08:47	08:47		
	16:41	17:52	18:51	20:50	21:47	22:06	21:26	20:13	18:50	16:36	23	15:58 (7)	15:45	15:45		
Potential sun hours	236	266	341	426	507	528	528	469	384	324	251	92	217			
Total, worst case																

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IG - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (241)
Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December				
1	08:07	08:11	15:48 (7)	07:08	06:46	05:30	04:34	04:28	05:13	06:15	07:14	07:19	15:09 (7)	08:20		
2	15:46	16:43	17	16:05 (7)	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:33	34	15:43 (7)	15:43
3	08:47	08:09	16:45	15:46 (7)	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	15:10 (7)	08:22	
4	15:47	16:45	21	16:07 (7)	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	34	15:44 (7)	15:42
5	08:46	08:07	15:44 (7)	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	15:10 (7)	08:24		
6	15:49	16:47	24	16:08 (7)	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:45	16:29	33	15:43 (7)	15:41
7	08:46	08:05	15:43 (7)	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	15:10 (7)	08:25		
8	15:50	16:49	26	16:09 (7)	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	32	15:42 (7)	15:40
9	08:45	08:03	15:42 (7)	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	15:12 (7)	08:27		
10	15:51	16:52	29	16:11 (7)	17:53	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	30	15:42 (7)	15:39
11	08:45	08:01	15:42 (7)	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	15:12 (7)	08:28		
12	15:53	16:54	30	16:12 (7)	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	28	15:40 (7)	15:39
13	08:44	07:59	15:41 (7)	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	15:14 (7)	08:30		
14	15:54	16:56	31	16:12 (7)	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	26	15:40 (7)	15:38
15	08:44	07:57	15:40 (7)	06:50	06:27	05:15	04:27	04:35	05:27	06:29	07:28	07:34	15:15 (7)	08:31		
16	15:56	16:58	33	16:13 (7)	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	23	15:38 (7)	15:38
17	08:43	07:55	15:40 (7)	06:47	06:25	05:12	04:27	04:36	05:29	06:31	07:31	07:36	15:16 (7)	08:33		
18	15:57	17:01	34	16:14 (7)	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	21	15:37 (7)	15:37
19	08:42	07:53	15:39 (7)	06:44	06:22	05:10	04:26	04:37	05:31	06:32	07:33	07:39	15:19 (7)	08:34		
20	15:59	17:03	35	16:14 (7)	18:04	20:08	21:10	21:59	21:58	21:05	19:47	18:27	16:15	16	15:35 (7)	15:37
21	08:41	07:51	15:39 (7)	06:42	06:20	05:08	04:25	04:39	05:33	06:34	07:35	07:41	15:17 (7)	08:35		
22	16:01	17:05	36	16:15 (7)	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:24	16:13	11	15:32 (7)	15:36
23	08:40	07:48	15:40 (7)	06:39	06:17	05:06	04:25	04:40	05:35	06:36	07:37	07:43	15:13	08:37		
24	16:02	17:07	35	16:15 (7)	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36		
25	08:40	07:46	15:39 (7)	06:37	06:14	05:04	04:24	04:41	05:37	06:38	07:39	07:45	15:12	08:38		
26	16:04	17:10	36	16:15 (7)	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36		
27	08:38	07:44	15:39 (7)	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	15:14 (7)	08:39		
28	16:06	17:12	36	16:15 (7)	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36		
29	08:37	07:42	15:39 (7)	06:31	06:09	05:00	04:24	04:44	05:41	06:42	07:43	07:49	15:14 (7)	08:40		
30	16:08	17:14	35	16:14 (7)	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36		
31	08:36	07:39	15:40 (7)	06:29	06:07	04:58	04:24	04:46	05:43	06:44	07:45	07:51	15:13 (7)	08:41		
32	16:10	17:16	34	16:14 (7)	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:03	15:36		
33	08:35	07:37	15:40 (7)	06:26	06:04	04:57	04:23	04:47	05:45	06:46	07:47	16:23 (7)	07:53	08:42		
34	16:12	17:18	34	16:14 (7)	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	11	16:34 (7)	16:02	15:36
35	08:34	07:35	15:41 (7)	06:23	06:02	04:55	04:23	04:49	05:47	06:48	07:49	16:19 (7)	07:55	08:43		
36	16:13	17:21	32	16:13 (7)	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	18	16:37 (7)	16:00	15:36
37	08:32	07:32	15:41 (7)	06:21	05:59	04:53	04:23	04:50	05:49	06:50	07:51	16:17 (7)	07:58	08:43		
38	16:15	17:23	31	16:12 (7)	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	22	16:39 (7)	15:58	15:36
39	08:31	07:30	15:42 (7)	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:53	16:14 (7)	08:00	08:44		
40	16:17	17:25	30	16:12 (7)	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	26	16:40 (7)	15:57	15:37
41	08:30	07:27	15:43 (7)	06:15	05:54	04:49	04:23	04:54	05:53	06:54	07:56	16:14 (7)	08:02	08:45		
42	16:19	17:27	27	16:10 (7)	18:27	20:31	21:31	22:06	21:44	20:39	19:17	17:59	28	16:42 (7)	15:55	15:37
43	08:28	07:25	15:45 (7)	06:13	05:52	04:48	04:24	04:55	05:55	06:56	07:58	16:12 (7)	08:04	08:45		
44	16:21	17:30	24	16:09 (7)	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	30	16:42 (7)	15:54	15:37
45	08:27	07:23	15:46 (7)	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	16:11 (7)	08:06	08:46		
46	16:24	17:32	21	16:07 (7)	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:54	32	16:43 (7)	15:52	15:38
47	08:25	07:20	15:49 (7)	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	16:11 (7)	08:08	08:46		
48	16:26	17:34	16	16:05 (7)	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	33	16:44 (7)	15:51	15:39
49	08:24	07:18	15:53 (7)	06:05	05:44	04:43	04:24	05:01	06:01	07:02	08:04	15:10 (7)	08:09	08:46		
50	16:28	17:36	7	16:00 (7)	18:35	20:40	21:38	22:06	21:37	20:29	19:07	16:50	34	15:44 (7)	15:50	15:39
51	08:22	07:15	16:00 (7)	06:02	05:42	04:42	04:25	05:02	06:03	07:04	08:06	15:09 (7)	08:11	08:47		
52	16:30	17:38	18:37	20:42	21:40	22:06	21:36	20:26	19:04	16:47	35	15:44 (7)	15:48	15:40		
53	08:20	07:13	05:59	05:39	04:40	04:25	05:04	06:05	07:06	08:08	15:09 (7)	08:13	08:47	15:40		
54	16:32	17:40	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	36	15:45 (7)	15:47	15:41		
55	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	15:09 (7)	08:15	08:47	15:41		
56	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	36	15:45 (7)	15:46	15:42		
57	08:17	16:34	18:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	36	15:44 (7)	15:45	15:43		
58	16:36	17:45	19:46	20:50	21:46	22:05	21:28	20:16	18:53	16:38	36	15:45 (7)	15:44	15:44		
59	08:13	15:50 (7)	06:49	04:35	04:35	05:11	06:13	07:17	15:09 (7)	16:36	35	15:44 (7)	15:44	08:47		
60	16:41	16:02 (7)	19:48	21:47	21:47	21:26	20:13	20:13	16:36	35	15:44 (7)	15:45	15:45			
Potential sun hours	236	12	266	366	426	507	528	469	384	324	448	288	217			
Total, worst case	12		714													

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (242)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June
1	08:47 15:46	08:11 16:43	07:08 17:45	06:46 19:50	18:50 (3) 20:52	04:34 21:49
2	08:47 15:48	08:09 16:45	07:05 17:47	06:43 19:52	18:49 (3) 20:54	04:33 21:50
3	08:46 15:49	08:07 16:47	07:03 17:49	06:41 19:54	18:49 (3) 20:56	04:32 21:51
4	08:46 15:50	08:05 16:50	07:00 17:51	06:38 19:56	18:48 (3) 20:58	04:31 21:53
5	08:45 15:52	08:03 16:52	06:57 17:54	06:35 19:58	18:49 (3) 21:00	04:30 21:54
6	08:45 15:53	08:01 16:54	06:55 17:56	06:33 20:00	18:48 (3) 21:02	04:29 21:55
7	08:44 15:54	07:59 16:56	06:52 17:58	06:30 20:02	18:48 (3) 21:04	04:28 21:56
8	08:44 15:56	07:57 16:59	06:50 18:00	06:28 20:04	18:49 (3) 21:06	05:54 (9) 21:57
9	08:43 15:58	07:55 17:01	06:47 18:02	06:25 20:06	18:49 (3) 21:08	05:51 (9) 21:58
10	08:42 15:59	07:53 17:03	06:44 18:04	06:22 20:09	18:50 (3) 21:10	05:49 (9) 21:59
11	08:41 16:01	07:51 17:05	06:42 18:06	06:20 20:11	18:50 (3) 21:12	05:47 (9) 22:00
12	08:40 16:03	07:48 17:07	06:39 18:08	06:17 20:13	18:52 (3) 21:14	05:45 (9) 22:01
13	08:39 16:04	07:46 17:10	06:37 18:11	06:15 20:15	18:54 (3) 21:16	05:44 (9) 22:02
14	08:38 16:06	07:44 17:12	06:34 18:13	06:12 20:17	18:59 (3) 21:18	05:43 (9) 22:03
15	08:37 16:08	07:42 17:14	06:31 18:15	06:09 20:19	19:03 (3) 21:20	05:42 (9) 22:03
16	08:36 16:10	07:39 17:16	06:29 18:17	06:07 20:21	05:01 21:22	05:41 (9) 22:04
17	08:35 16:12	07:37 17:19	06:26 18:19	06:04 20:23	04:57 21:24	05:40 (9) 22:04
18	08:34 16:14	07:35 17:21	06:23 18:21	06:02 20:25	04:55 21:26	05:40 (9) 22:05
19	08:32 16:16	07:32 17:23	06:21 18:23	05:59 20:27	04:53 21:27	05:39 (9) 22:05
20	08:31 16:18	07:30 17:25	06:18 18:25	05:57 20:29	04:51 21:29	05:40 (9) 22:06
21	08:30 16:20	07:27 17:27	06:15 18:27	05:54 20:31	04:50 21:31	20:50 (4) 22:06
22	08:28 16:22	07:25 17:30	06:13 18:29	05:52 20:33	04:48 21:33	05:39 (9) 22:06
23	08:27 16:24	07:23 17:32	06:10 18:31	05:49 20:35	04:46 21:34	05:18 (10) 22:06
24	08:25 16:26	07:20 17:34	06:07 18:33	05:47 20:38	04:45 21:36	20:54 (4) 22:06
25	08:24 16:28	07:18 17:36	06:05 18:35	05:44 20:40	04:43 21:38	05:16 (10) 22:06
26	08:22 16:30	07:15 17:38	06:02 18:38	05:42 20:42	04:42 21:39	05:15 (10) 22:06
27	08:20 16:32	07:13 17:41	05:59 18:40	05:40 20:44	04:40 21:41	05:13 (10) 22:06
28	08:19 16:34	07:10 17:43	05:57 18:42	05:37 20:46	04:39 21:43	05:12 (10) 22:06
29	08:17 16:36	07:08 17:44	05:55 18:44	05:35 20:48	04:38 21:44	20:57 (4) 22:06
30	08:15 16:39	07:06 17:46	05:53 18:46	05:33 20:50	04:36 21:46	05:11 (10) 22:06
31	08:13 16:41	07:04 17:48	05:51 18:48	05:31 20:52	04:35 21:47	20:58 (4) 22:05
Potential sun hours	236	266	366	426	507	527
Total, worst case			101	331	1359	3204

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IH - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (242)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	July	August	September	October	November	December
1	04:28 22:05	05:15 (10) 21:07 (4)	05:14 21:24	05:56 (9) 06:15	18:49 (3) 07:14	07:19 08:20
2	04:29 22:04	05:14 (10) 21:07 (4)	05:15 21:22	05:58 (9) 06:17	18:48 (3) 07:16	07:21 08:22
3	04:30 22:04	05:14 (10) 21:07 (4)	05:17 21:18	06:00 (9) 06:19	18:47 (3) 07:18	07:24 08:24
4	04:31 22:03	05:15 (10) 21:07 (4)	05:19 21:18	06:01 (9) 06:21	18:46 (3) 07:20	07:26 08:25
5	04:32 22:03	05:15 (10) 21:08 (4)	05:21 21:16	06:05 (9) 06:23	18:45 (3) 07:22	07:28 08:27
6	04:33 22:02	05:16 (10) 21:08 (4)	05:23 21:14	06:15 (9) 06:25	18:44 (3) 07:24	07:30 08:28
7	04:34 22:01	05:16 (10) 21:08 (4)	05:25 21:12	06:27 19:55	18:44 (3) 19:13 (3)	07:32 16:21
8	04:35 22:00	05:16 (10) 21:08 (4)	05:27 21:09	06:29 19:52	18:44 (3) 19:13 (3)	07:34 16:19
9	04:36 21:59	05:17 (10) 21:08 (4)	05:29 21:07	06:31 19:50	18:42 (3) 19:11 (3)	07:31 16:17
10	04:38 21:58	05:17 (10) 21:08 (4)	05:31 21:05	06:33 19:47	18:42 (3) 19:11 (3)	07:33 16:15
11	04:39 21:57	05:17 (10) 21:07 (4)	05:33 21:03	06:35 19:44	18:43 (3) 19:10 (3)	07:35 16:13
12	04:40 21:56	05:19 (10) 21:08 (4)	05:35 21:00	06:37 19:42	18:43 (3) 19:09 (3)	07:37 16:11
13	04:42 21:55	05:19 (10) 21:08 (4)	05:37 20:58	06:39 19:39	18:44 (3) 19:08 (3)	07:39 16:09
14	04:43 21:54	05:19 (10) 21:07 (4)	05:39 20:56	06:41 19:36	18:44 (3) 19:06 (3)	07:41 16:07
15	04:44 21:53	05:20 (10) 21:07 (4)	05:41 20:53	06:42 19:34	18:46 (3) 19:04 (3)	07:43 16:05
16	04:46 21:51	05:22 (10) 21:07 (4)	05:43 20:51	06:44 19:31	18:48 (3) 19:01 (3)	07:45 16:04
17	04:47 21:50	05:23 (10) 21:06 (4)	05:45 20:49	06:46 19:28	18:51 (3) 18:57 (3)	07:47 16:02
18	04:49 21:49	05:25 (10) 21:06 (4)	05:47 20:46	06:48 19:26	18:51 (3) 18:07	07:49 16:00
19	04:51 21:47	05:26 (10) 21:05 (4)	05:49 20:44	06:50 19:23	18:07 18:04	07:51 15:59
20	04:52 21:46	05:28 (10) 21:05 (4)	05:51 20:41	06:52 19:20	18:04 18:02	07:53 15:57
21	04:54 21:44	05:28 (9) 21:04 (4)	05:53 20:39	06:54 19:18	18:02 17:59	07:55 15:56
22	04:56 21:42	05:29 (9) 21:03 (4)	05:55 20:36	06:56 19:15	18:00 17:57	07:57 15:54
23	04:57 21:41	05:29 (9) 21:01 (4)	05:57 20:34	06:58 19:12	18:00 17:55	08:00 15:53
24	04:59 21:39	05:30 (9) 21:00 (4)	05:59 20:31	07:00 19:10	18:02 17:52	08:02 15:51
25	05:01 21:37	05:30 (9) 20:56 (4)	06:01 20:29	07:02 19:07	18:00 16:50	08:04 15:50
26	05:03 21:36	05:31 (9) 06:30 (9)	06:03 20:26	07:04 19:04	18:00 16:47	08:04 15:49
27	05:04 21:34	05:32 (9) 06:30 (9)	06:05 20:24	07:06 19:01	18:00 16:45	08:04 15:47
28	05:06 21:32	05:32 (9) 06:29 (9)	06:07 20:21	07:08 18:59	18:00 16:43	08:04 15:46
29	05:08 21:30	05:33 (9) 06:28 (9)	06:09 20:19	07:10 19:04 (3)	18:59 (3) 18:56	08:04 15:45
30	05:10 21:28	05:34 (9) 06:28 (9)	06:11 20:16	07:12 19:07 (3)	18:54 (3) 18:51 (3)	08:04 15:44
31	05:12 21:26	05:35 (9) 06:26 (9)	06:13 20:13	07:13 19:09 (3)	18:51 (3) 18:51 (3)	08:04 15:45
Potential sun hours	528	469	384	324	248	217
Total, worst case	2483	140	405			

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: II - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (243)
 Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:48	22:05	21:24	20:11	18:51	16:34	15:43
2	08:46	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:02	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:05	18:45	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:52	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:53	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:11	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:28	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:44	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:08	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:36
	16:03	17:07	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:39	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:38	07:39	07:45	08:38
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:38	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:02	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:09	05:01	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:46	07:47	07:53	08:41
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:48	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:48	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:57	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:53	07:59	08:44
	16:18	17:25	18:25	20:29	21:29	22:05	21:45	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:01	08:44
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:03	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:05	08:45
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	15:51	15:39
25	08:23	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:35	20:39	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:38	18:38	20:42	21:39	22:06	21:35	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:47	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:10	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:18	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IJ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (244)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December		
1	08:47	08:11	07:07	06:46	05:30	04:34	20:43 (11)	04:28	20:44 (11)	05:13	06:15	07:14	07:19	08:20
2	15:46	16:43	17:45	19:50	20:52	21:48	21:04 (11)	22:05	31 21:15 (11)	21:24	20:11	18:51	16:33	15:43
3	08:46	08:09	07:05	06:43	05:28	04:33	20:42 (11)	04:29	31 21:15 (11)	05:15	06:17	07:16	07:21	08:22
4	15:47	16:45	17:47	19:52	20:54	21:50	21:05 (11)	22:04	31 21:15 (11)	21:22	20:08	18:48	16:31	15:42
5	08:46	08:07	07:02	06:41	05:26	04:32	20:42 (11)	04:30	30 20:45 (11)	05:17	06:19	07:18	07:23	08:24
6	15:49	16:47	17:49	19:54	20:56	21:51	21:06 (11)	22:04	30 21:15 (11)	21:20	20:05	18:45	16:29	15:41
7	08:46	08:05	07:00	06:38	05:23	04:31	20:41 (11)	04:31	30 20:46 (11)	05:19	06:21	07:20	07:25	08:25
8	15:50	16:49	17:51	19:56	20:58	21:52	21:06 (11)	22:03	29 21:15 (11)	21:18	20:03	18:43	16:27	15:40
9	08:45	08:03	06:57	06:35	05:21	04:30	20:40 (11)	04:32	29 20:46 (11)	05:21	06:23	07:22	07:28	08:27
10	15:51	16:52	17:53	19:58	21:00	21:54	21:08 (11)	22:03	29 21:15 (11)	21:16	20:00	18:40	16:25	15:40
11	08:45	08:01	06:55	06:33	05:19	04:29	20:41 (11)	04:33	28 20:47 (11)	05:23	06:25	07:24	07:30	08:28
12	15:53	16:54	17:55	20:00	21:02	21:55	21:08 (11)	22:02	28 21:15 (11)	21:14	19:57	18:37	16:23	15:39
13	08:44	07:59	06:52	06:30	05:17	04:28	20:40 (11)	04:34	28 20:47 (11)	05:25	06:27	07:26	07:32	08:30
14	15:54	16:56	17:58	20:02	21:04	21:56	21:08 (11)	22:01	28 21:15 (11)	21:11	19:55	18:35	16:21	15:38
15	08:44	07:57	06:50	06:27	05:15	04:27	20:40 (11)	04:35	26 20:48 (11)	05:27	06:28	07:28	07:34	08:31
16	15:56	16:58	18:00	20:04	21:06	21:57	21:10 (11)	22:00	26 21:14 (11)	21:09	19:52	18:32	16:19	15:38
17	08:43	07:55	06:47	06:25	05:12	04:27	20:40 (11)	04:36	25 20:49 (11)	05:29	06:30	07:30	07:36	08:33
18	15:57	17:01	18:02	20:06	21:08	21:58	21:10 (11)	21:59	25 21:14 (11)	21:07	19:50	18:30	16:17	15:37
19	08:42	07:53	06:44	06:22	05:10	04:26	20:40 (11)	04:37	24 20:49 (11)	05:31	06:32	07:32	07:38	08:34
20	15:59	17:03	18:04	20:08	21:10	21:59	21:11 (11)	21:58	24 21:13 (11)	21:05	19:47	18:27	16:15	15:37
21	08:41	07:50	06:42	06:20	05:08	04:25	20:40 (11)	04:39	22 20:50 (11)	05:33	06:34	07:35	07:41	08:35
22	16:01	17:05	18:06	20:10	21:12	22:00	21:10 (11)	21:57	22 21:12 (11)	21:02	19:44	18:24	16:13	15:36
23	08:40	07:48	06:39	06:17	05:06	04:25	20:40 (11)	04:40	20 20:51 (11)	05:35	06:36	07:37	07:43	08:36
24	16:02	17:07	18:08	20:13	21:14	22:01	21:11 (11)	21:56	20 21:11 (11)	21:00	19:42	18:22	16:11	15:36
25	08:39	07:46	06:36	06:14	05:04	04:25	20:40 (11)	04:41	18 20:53 (11)	05:37	06:38	07:39	07:45	08:37
26	16:04	17:10	18:10	20:15	21:16	22:02	21:12 (11)	21:55	18 21:11 (11)	20:58	19:39	18:19	16:09	15:36
27	08:38	07:44	06:34	06:12	05:02	04:24	20:39 (11)	04:43	15 20:54 (11)	05:39	06:40	07:41	07:47	08:39
28	16:06	17:12	18:12	20:17	21:18	22:02	21:12 (11)	21:54	15 21:09 (11)	20:56	19:36	18:17	16:07	15:36
29	08:37	07:41	06:31	06:09	05:00	04:24	20:40 (11)	04:44	11 20:56 (11)	05:41	06:42	07:43	07:49	08:40
30	16:08	17:14	18:15	20:19	21:20	22:03	21:12 (11)	21:53	11 21:07 (11)	20:53	19:34	18:14	16:05	15:36
31	08:36	07:39	06:28	06:07	04:58	04:24	20:40 (11)	04:46	6 20:59 (11)	05:43	06:44	07:45	07:51	08:41
1	16:10	17:16	18:17	20:21	21:22	22:04	21:12 (11)	21:51	6 21:05 (11)	20:51	19:31	18:12	16:04	15:36
2	08:35	07:37	06:26	06:04	04:57	04:23	20:40 (11)	04:47		05:45	06:46	07:47	07:53	08:41
3	16:12	17:18	18:19	20:23	21:23	22:04	21:13 (11)	21:50		20:48	19:28	18:09	16:02	15:36
4	08:34	07:34	06:23	06:02	04:55	04:23	20:40 (11)	04:49		05:47	06:48	07:49	07:55	08:42
5	16:13	17:21	18:21	20:25	21:25	22:05	21:13 (11)	21:48		20:46	19:25	18:07	16:00	15:36
6	08:32	07:32	06:21	05:59	04:53	04:23	20:40 (11)	04:50		05:49	06:50	07:51	07:57	08:43
7	16:15	17:23	18:23	20:27	21:27	22:05	21:13 (11)	21:47		20:44	19:23	18:04	15:59	15:36
8	08:31	07:30	06:18	05:57	04:51	04:23	20:40 (11)	04:52		05:51	06:52	07:53	07:59	08:44
9	16:17	17:25	18:25	20:29	21:29	22:05	21:13 (11)	21:45		20:41	19:20	18:02	15:57	15:37
10	08:30	07:27	06:15	05:54	04:50	04:23	20:40 (11)	04:54		05:53	06:54	07:55	08:01	08:44
11	16:19	17:27	18:27	20:31	21:31	22:06	21:13 (11)	21:44		20:39	19:17	17:59	15:55	15:37
12	08:28	07:25	06:13	05:52	04:48	04:24	20:41 (11)	04:55		05:55	06:56	07:58	08:03	08:45
13	16:21	17:29	18:29	20:33	21:33	22:06	21:14 (11)	21:42		20:36	19:15	17:57	15:54	15:37
14	08:27	07:22	06:10	05:49	04:46	04:24	20:41 (11)	04:57		05:57	06:58	08:00	08:05	08:45
15	16:24	17:32	18:31	20:35	21:34	22:06	21:14 (11)	21:41		20:34	19:12	17:54	15:52	15:38
16	08:25	07:20	06:07	05:47	04:45	04:24	20:41 (11)	04:59		05:59	07:00	08:02	08:07	08:46
17	16:26	17:34	18:33	20:37	21:36	22:06	21:14 (11)	21:39		20:31	19:09	17:52	15:51	15:39
18	08:23	07:17	06:05	05:44	04:43	04:25	20:42 (11)	05:01		06:01	07:02	08:04	08:09	08:46
19	16:28	17:36	18:35	20:39	21:38	22:06	21:15 (11)	21:37		20:29	19:07	17:50	15:50	15:39
20	08:22	07:15	06:02	05:42	04:42	04:25	20:42 (11)	05:02		06:03	07:04	08:06	08:11	08:46
21	16:30	17:38	18:37	20:41	21:39	22:06	21:15 (11)	21:35		20:26	19:04	17:47	15:48	15:40
22	08:20	07:13	05:59	05:39	04:40	04:26	20:43 (11)	05:04		06:05	07:06	08:08	08:13	08:47
23	16:32	17:40	18:39	20:44	21:41	22:06	21:15 (11)	21:34		20:24	19:01	17:45	15:47	15:41
24	08:18	07:10	05:57	05:37	04:39	04:26	20:43 (11)	05:06		06:07	07:08	08:10	08:15	08:47
25	16:34	17:43	18:42	20:46	21:42	22:06	21:15 (11)	21:32		20:21	18:59	17:43	15:46	15:42
26	08:17		06:54	05:35	04:38	04:27	20:43 (11)	05:08		06:09	07:10	08:13	08:17	08:47
27	16:36		19:44	20:48	21:44	22:06	21:15 (11)	21:30		20:18	18:56	17:40	15:45	15:43
28	08:15		06:51	05:32	04:36	04:27	20:44 (11)	05:10		06:11	07:12	08:15	08:18	08:47
29	16:38		19:46	20:50	21:46	22:05	21:16 (11)	21:28		20:16	18:53	17:38	15:44	15:44
30	08:13		06:49		04:35	20:44 (11)		05:12		06:13	07:14	08:17	08:21	08:47
31	16:41		19:48		21:47	19 21:03 (11)		21:26		20:13	18:41	17:26	15:45	15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217		
Total, worst case					60	914	373							

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IK - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (245)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December		
1	08:47	08:11	07:07	06:46	05:30	04:34	20:21 (11)	04:28	05:13	20:28 (11)	06:15	07:14	07:19	08:20
2	15:46	16:43	17:45	19:50	20:52	21:48	20:21 (11)	22:05	21:24	20:50 (11)	20:11	18:51	18:33	15:43
3	08:46	08:09	07:05	06:43	05:28	04:33	20:21 (11)	04:29	05:15	20:29 (11)	06:17	07:16	07:21	08:22
4	15:47	16:45	17:47	19:52	20:54	21:50	20:21 (11)	22:04	21:22	20:48 (11)	20:08	18:48	16:31	15:42
5	08:46	08:07	07:02	06:41	05:26	04:32	20:22 (11)	04:30	05:17	20:29 (11)	06:19	07:18	07:23	08:24
6	15:49	16:47	17:49	19:54	20:56	21:51	20:20 (11)	22:04	21:20	20:45 (11)	20:05	18:45	16:29	15:41
7	08:46	08:05	07:00	06:38	05:23	04:31	20:23 (11)	04:31	05:19	20:31 (11)	06:21	07:20	07:25	08:25
8	15:50	16:49	17:51	19:56	20:58	21:52	20:20 (11)	22:03	21:18	20:44 (11)	20:03	18:43	16:27	15:40
9	08:45	08:03	06:57	06:35	05:21	04:30	20:24 (11)	04:32	05:21	20:32 (11)	06:23	07:22	07:28	08:27
10	15:51	16:52	17:53	19:58	21:00	21:54	20:20 (11)	22:02	21:16	20:42 (11)	20:00	18:40	16:25	15:40
11	08:45	08:01	06:55	06:33	05:19	20:27 (11)	04:29	04:33	05:23	20:35 (11)	06:24	07:24	07:30	08:28
12	15:53	16:54	17:55	20:00	21:02	21:55	20:20 (11)	22:02	21:14	20:40 (11)	19:57	18:37	16:23	15:39
13	08:44	07:59	06:52	06:30	05:17	04:28	20:26 (11)	04:34	05:25	20:31 (11)	06:26	07:26	07:32	08:30
14	15:54	16:56	17:58	20:02	21:04	21:56	20:28 (11)	22:01	21:11	20:46 (11)	19:55	18:35	16:21	15:38
15	08:43	07:57	06:49	06:27	05:15	04:27	20:27 (11)	04:35	05:27	20:30 (11)	06:28	07:28	07:34	08:31
16	15:56	16:58	18:00	20:04	21:06	21:57	20:32 (11)	22:00	21:09	20:47 (11)	19:52	18:32	16:19	15:38
17	08:43	07:55	06:47	06:25	05:12	04:27	20:20 (11)	04:36	05:29	20:30 (11)	06:30	07:30	07:36	08:33
18	15:57	17:01	18:02	20:06	21:08	21:58	20:34 (11)	22:01	21:07	20:47 (11)	19:50	18:30	16:17	15:37
19	08:42	07:53	06:44	06:22	05:10	04:26	20:19 (11)	04:37	05:31	20:29 (11)	06:32	07:32	07:38	08:34
20	15:59	17:03	18:04	20:08	21:10	21:59	20:36 (11)	22:01	21:05	20:48 (11)	19:47	18:27	16:15	15:37
21	08:41	07:50	06:42	06:20	05:08	04:25	20:19 (11)	04:39	05:33	20:29 (11)	06:34	07:34	07:41	08:35
22	16:01	17:05	18:06	20:10	21:12	22:00	20:38 (11)	22:00	21:02	20:49 (11)	19:44	18:24	16:13	15:36
23	08:40	07:48	06:39	06:17	05:06	04:25	20:18 (11)	04:40	05:35	20:28 (11)	06:36	07:37	07:43	08:36
24	16:02	17:07	18:08	20:12	21:14	22:01	20:40 (11)	22:01	21:00	20:49 (11)	19:42	18:22	16:11	15:36
25	08:39	07:46	06:36	06:14	05:04	04:25	20:17 (11)	04:41	05:37	20:28 (11)	06:38	07:39	07:45	08:37
26	16:04	17:10	18:10	20:15	21:16	22:02	20:42 (11)	22:02	21:05	20:50 (11)	19:39	18:19	16:09	15:36
27	08:38	07:44	06:34	06:12	05:02	04:24	20:16 (11)	04:44	05:39	20:28 (11)	06:40	07:41	07:47	08:39
28	16:06	17:12	18:12	20:17	21:18	22:02	20:42 (11)	22:02	21:05	20:51 (11)	19:36	18:17	16:07	15:36
29	08:37	07:41	06:31	06:09	05:00	04:24	20:17 (11)	04:44	05:41	20:27 (11)	06:42	07:43	07:49	08:40
30	16:08	17:14	18:15	20:19	21:20	22:03	20:43 (11)	22:03	21:06	20:51 (11)	19:33	18:14	16:05	15:36
31	08:36	07:39	06:28	06:07	04:58	04:24	20:16 (11)	04:46	05:43	20:27 (11)	06:44	07:45	07:51	08:41
1	16:10	17:16	18:17	20:21	21:22	22:04	20:43 (11)	22:04	21:05	20:52 (11)	19:31	18:12	16:03	15:36
2	08:35	07:37	06:26	06:04	04:57	04:23	20:15 (11)	04:47	05:45	20:27 (11)	06:46	07:47	07:53	08:41
3	16:12	17:18	18:19	20:23	21:23	22:04	20:43 (11)	22:04	21:05	20:52 (11)	19:28	18:09	16:02	15:36
4	08:34	07:34	06:23	06:02	04:55	04:23	20:16 (11)	04:49	05:47	20:26 (11)	06:48	07:49	07:55	08:42
5	16:13	17:21	18:21	20:25	21:25	22:05	20:44 (11)	22:05	21:06	20:52 (11)	19:25	18:07	16:00	15:36
6	08:32	07:32	06:20	05:59	04:53	04:23	20:15 (11)	04:50	05:49	20:26 (11)	06:50	07:51	07:57	08:43
7	16:15	17:23	18:23	20:27	21:27	22:05	20:44 (11)	22:05	21:06	20:53 (11)	19:23	18:04	15:58	15:36
8	08:31	07:30	06:18	05:57	04:51	04:23	20:16 (11)	04:52	05:51	20:26 (11)	06:52	07:53	07:59	08:44
9	16:17	17:25	18:25	20:29	21:29	22:05	20:44 (11)	22:05	21:06	20:53 (11)	19:20	18:02	15:57	15:37
10	08:29	07:27	06:15	05:54	04:50	04:23	20:16 (11)	04:54	05:53	20:26 (11)	06:54	07:55	08:01	08:44
11	16:19	17:27	18:27	20:31	21:31	22:06	20:44 (11)	22:06	21:07	20:54 (11)	19:17	17:59	15:55	15:37
12	08:28	07:25	06:12	05:52	04:48	04:24	20:16 (11)	04:55	05:55	20:26 (11)	06:56	07:58	08:03	08:45
13	16:21	17:29	18:29	20:33	21:32	22:06	20:44 (11)	22:06	21:07	20:53 (11)	19:15	17:57	15:54	15:37
14	08:27	07:22	06:10	05:49	04:46	04:24	20:16 (11)	04:57	05:57	20:26 (11)	06:58	08:00	08:05	08:45
15	16:24	17:32	18:31	20:35	21:34	22:06	20:43 (11)	22:06	21:07	20:54 (11)	19:12	17:54	15:52	15:38
16	08:25	07:20	06:07	05:47	04:45	04:24	20:17 (11)	04:59	05:59	20:26 (11)	07:00	08:02	08:07	08:46
17	16:26	17:34	18:33	20:37	21:36	22:06	20:43 (11)	22:06	21:07	20:54 (11)	19:09	17:52	15:51	15:39
18	08:23	07:17	06:04	05:44	04:43	04:25	20:17 (11)	04:59	06:01	20:26 (11)	07:02	08:04	08:09	08:46
19	16:28	17:36	18:35	20:39	21:38	22:06	20:44 (11)	22:06	21:07	20:54 (11)	19:07	17:50	15:50	15:39
20	08:22	07:15	06:02	05:42	04:42	04:25	20:17 (11)	04:59	06:03	20:26 (11)	07:04	08:06	08:11	08:46
21	16:30	17:38	18:37	20:41	21:39	22:06	20:43 (11)	22:06	21:07	20:54 (11)	19:04	17:47	15:48	15:40
22	08:20	07:12	05:59	05:39	04:40	04:25	20:18 (11)	04:59	06:05	20:26 (11)	07:06	08:08	08:13	08:47
23	16:32	17:40	18:39	20:43	21:41	22:06	20:43 (11)	22:06	21:07	20:53 (11)	19:01	17:45	15:47	15:41
24	08:18	07:10	05:56	05:37	04:39	04:26	20:18 (11)	04:59	06:07	20:26 (11)	07:08	08:10	08:15	08:47
25	16:34	17:43	18:41	20:46	21:42	22:06	20:42 (11)	22:06	21:07	20:54 (11)	18:59	17:43	15:46	15:42
26	08:17	07:08	05:54	05:35	04:38	04:27	20:19 (11)	04:59	06:09	20:27 (11)	07:10	08:12	08:17	08:47
27	16:36	17:44	18:43	20:48	21:44	22:05	20:42 (11)	22:05	21:06	20:54 (11)	18:56	17:40	15:45	15:43
28	08:15	07:06	05:51	05:32	04:36	04:27	20:20 (11)	04:59	06:11	20:27 (11)	07:12	08:14	08:19	08:47
29	16:38	17:46	18:45	20:50	21:46	22:05	20:42 (11)	22:05	21:06	20:52 (11)	18:53	17:38	15:44	15:44
30	08:13	07:04	05:49	05:30	04:35	04:27	20:20 (11)	04:59	06:13	20:27 (11)	07:17	08:19	08:24	08:47
31	16:41	17:49	18:48	20:53	21:47	22:06	20:42 (11)	22:06	21:07	20:51 (11)	18:54	17:39	15:45	15:45
Potential sun hours	236	266	366	426	507	527	527	528	469	384	324	248	217	
Total, worst case					587	142	652	85						

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IL - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (246)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:46	08:09	07:05	06:43	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:44	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:36
	16:03	17:08	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:39	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:38	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:02	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:09	05:01	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:48	05:45	06:46	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:57	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:53	07:59	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:44
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:05	08:46
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	15:51	15:39
25	08:23	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:35	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:38	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:47	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:10	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IM - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (247)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:46	08:09	07:05	06:43	05:28	04:33	04:29	05:15	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:45	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:40
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:53	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:28	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:44	06:22	05:10	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:08	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:36
	16:03	17:07	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:39	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:38	07:39	07:45	08:38
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:38	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:40	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:02	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:09	05:01	04:24	04:44	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:46	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:48	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:48	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:57	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:53	07:59	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:01	08:44
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:03	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:05	08:46
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	15:51	15:39
25	08:23	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:35	20:39	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:38	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:47	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:10	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:36		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IN - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (248)

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June
1	08:47 15:46	08:11 16:43	07:08 17:45	06:46 19:50	18:14 (2) 20:52	04:34 21:49
2	08:47 15:48	08:09 16:45	07:05 17:47	06:43 19:52	41 18:55 (2) 40 18:54 (2)	20:52 20:54
3	08:46 15:49	08:07 16:48	07:03 17:49	06:41 19:54	39 18:55 (2) 38 18:53 (2)	05:26 20:58
4	08:46 15:50	08:05 16:50	07:00 17:51	06:38 19:56	37 18:53 (2) 35 18:51 (2)	21:04 21:02
5	08:45 15:52	08:03 16:52	06:57 17:54	06:36 19:58	37 18:53 (2) 34 18:50 (2)	21:00 21:04
6	08:45 15:53	08:01 16:54	06:55 17:56	06:33 20:00	35 18:51 (2) 34 18:50 (2)	05:19 21:02
7	08:44 15:55	07:59 16:56	06:52 17:58	06:30 20:02	35 18:51 (2) 34 18:50 (2)	21:02 21:04
8	08:44 15:56	07:57 16:59	06:50 18:00	06:28 20:04	34 18:50 (2) 32 18:49 (2)	21:04 21:06
9	08:43 15:58	07:55 17:01	06:47 18:02	06:25 20:07	32 18:49 (2) 29 18:47 (2)	21:03 21:08
10	08:42 15:59	07:53 17:03	06:45 18:04	06:22 20:09	29 18:47 (2) 25 18:45 (2)	21:08 21:10
11	08:41 16:01	07:51 17:05	06:42 18:06	06:20 20:11	20 18:42 (2) 20 18:42 (2)	21:12 21:12
12	08:40 16:03	07:48 17:08	06:39 18:08	06:17 20:13	15 18:40 (2) 15 18:40 (2)	05:06 21:14
13	08:40 16:04	07:46 17:10	06:37 18:11	06:15 20:15	05:04 21:16	04:25 22:02
14	08:38 16:06	07:44 17:12	06:34 18:13	06:12 20:17	05:03 21:18	04:24 22:03
15	08:37 16:08	07:42 17:14	06:31 18:15	06:10 20:19	05:01 21:20	20:39 (1) 20:45 (1)
16	08:36 16:10	07:39 17:16	06:29 18:17	06:07 20:21	6 20:45 (1) 11 20:47 (1)	22:03 22:04
17	08:35 16:12	07:37 17:19	06:26 18:19	06:04 20:23	20:34 (1) 21:24	04:24 22:04
18	08:34 16:14	07:35 17:21	06:23 18:21	17:33 (2) 20:25	06:02 20:25	04:24 22:05
19	08:32 16:16	07:32 17:23	06:21 18:23	17:29 (2) 19 17:48 (2)	05:59 20:27	04:24 22:05
20	08:31 16:18	07:30 17:25	06:18 18:25	17:26 (2) 24 17:50 (2)	05:57 20:29	04:24 22:06
21	08:30 16:20	07:27 17:28	06:15 18:27	17:24 (2) 28 17:52 (2)	05:54 20:31	04:24 22:06
22	08:28 16:22	07:25 17:30	06:13 18:29	17:23 (2) 31 17:54 (2)	05:52 20:33	04:24 22:06
23	08:27 16:24	07:23 17:32	06:10 18:31	17:21 (2) 33 17:54 (2)	05:49 20:35	04:24 22:06
24	08:25 16:26	07:20 17:34	06:07 18:33	17:19 (2) 36 17:55 (2)	05:47 20:38	04:24 22:06
25	08:24 16:28	07:18 17:36	06:05 18:36	17:19 (2) 37 17:56 (2)	05:45 20:40	04:25 22:06
26	08:22 16:30	07:15 17:38	06:02 18:38	17:17 (2) 39 17:56 (2)	05:42 20:42	04:25 22:06
27	08:20 16:32	07:13 17:41	05:59 18:40	17:16 (2) 40 17:56 (2)	05:40 20:44	04:26 22:06
28	08:19 16:34	07:10 17:43	05:57 18:42	17:16 (2) 40 17:56 (2)	05:37 20:46	04:26 22:06
29	08:17 16:37		06:54 19:44	18:15 (2) 41 18:56 (2)	05:35 20:48	04:27 22:06
30	08:15 16:39		06:51 19:46	18:15 (2) 41 18:56 (2)	05:33 20:50	04:28 22:05
31	08:13 16:41		06:49 19:48	18:15 (2) 41 18:56 (2)	05:32 20:50	20:29 (1) 21:00 (1)
Potential sun hours	236	266	366	426	507	527
Total, worst case			461	385	413	938

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IN - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (248)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	July	August	September	October	November	December				
1	04:28	20:35 (1)	05:14	06:15	18:21 (2)	07:14	07:19	08:20		
	22:05	32	21:07 (1)	21:24	20:11	20	18:41 (2)	18:51	16:34	15:43
2	04:29	21:05 (1)	05:16	06:17	18:18 (2)	07:16	07:21	08:22		
	22:04	31	21:06 (1)	21:22	20:08	25	18:43 (2)	18:48	16:32	15:42
3	04:30	20:35 (1)	05:17	06:19	18:16 (2)	07:18	07:24	08:24		
	22:04	32	21:07 (1)	21:20	20:06	29	18:45 (2)	18:46	16:29	15:41
4	04:31	20:35 (1)	05:19	06:21	18:14 (2)	07:20	07:26	08:25		
	22:03	32	21:07 (1)	21:18	20:03	32	18:46 (2)	18:43	16:27	15:41
5	04:32	20:35 (1)	05:21	06:23	18:13 (2)	07:22	07:28	08:27		
	22:03	32	21:07 (1)	21:16	20:00	34	18:47 (2)	18:40	16:25	15:40
6	04:33	20:36 (1)	05:23	06:25	18:12 (2)	07:25	07:30	08:28		
	22:02	32	21:08 (1)	21:14	19:58	35	18:47 (2)	18:38	16:23	15:39
7	04:34	20:36 (1)	05:25	06:27	18:11 (2)	07:27	07:32	08:30		
	22:01	32	21:08 (1)	21:12	19:55	37	18:48 (2)	18:35	16:21	15:39
8	04:35	20:36 (1)	05:27	06:29	18:10 (2)	07:29	07:34	08:31		
	22:00	32	21:08 (1)	21:09	19:52	38	18:48 (2)	18:32	16:19	15:38
9	04:36	20:36 (1)	05:29	06:31	18:09 (2)	07:31	07:37	08:33		
	21:59	32	21:08 (1)	21:07	19:50	39	18:48 (2)	18:30	16:17	15:37
10	04:38	20:36 (1)	05:31	06:33	18:07 (2)	07:33	07:39	08:34		
	21:58	32	21:08 (1)	21:05	19:47	40	18:47 (2)	18:27	16:15	15:37
11	04:39	20:36 (1)	05:33	06:35	18:07 (2)	07:35	07:41	08:35		
	21:57	32	21:08 (1)	21:03	19:44	40	18:47 (2)	18:25	16:13	15:37
12	04:40	20:37 (1)	05:35	06:37	18:06 (2)	07:37	07:43	08:37		
	21:56	32	21:09 (1)	21:00	19:42	41	18:47 (2)	18:22	16:11	15:36
13	04:42	20:37 (1)	05:37	06:39	18:06 (2)	07:39	07:45	08:38		
	21:55	31	21:08 (1)	20:58	19:39	41	18:47 (2)	18:20	16:09	15:36
14	04:43	20:37 (1)	05:39	06:41	18:06 (2)	07:41	07:47	08:39		
	21:54	31	21:08 (1)	20:56	19:36	40	18:46 (2)	18:17	16:07	15:36
15	04:45	20:38 (1)	05:41	06:43	18:06 (2)	07:43	07:49	08:40		
	21:53	31	21:09 (1)	20:53	19:34	40	18:46 (2)	18:14	16:06	15:36
16	04:46	20:38 (1)	05:43	06:45	18:06 (2)	07:45	07:51	08:41		
	21:51	30	21:08 (1)	20:51	19:31	39	18:45 (2)	18:12	16:04	15:36
17	04:48	20:38 (1)	05:45	06:46	18:06 (2)	07:47	07:53	08:42		
	21:50	30	21:08 (1)	20:49	19:28	38	18:44 (2)	18:09	16:02	15:36
18	04:49	20:39 (1)	05:47	06:48	18:06 (2)	07:49	07:56	08:42		
	21:49	29	21:08 (1)	20:46	19:26	38	18:44 (2)	18:07	16:00	15:36
19	04:51	20:39 (1)	05:49	06:50	18:07 (2)	07:51	07:58	08:43		
	21:47	29	21:08 (1)	20:44	19:23	35	18:42 (2)	18:04	15:59	15:37
20	04:52	20:40 (1)	05:51	06:52	18:07 (2)	07:54	08:00	08:44		
	21:46	28	21:08 (1)	20:41	19:20	34	18:41 (2)	18:02	15:57	15:37
21	04:54	20:40 (1)	05:53	06:54	18:08 (2)	07:56	08:02	08:45		
	21:44	27	21:07 (1)	20:39	19:18	32	18:40 (2)	17:59	15:56	15:37
22	04:56	20:41 (1)	05:55	06:56	18:09 (2)	07:58	08:04	08:45		
	21:42	25	21:06 (1)	20:36	19:15	29	18:38 (2)	17:57	15:54	15:38
23	04:57	20:41 (1)	05:57	06:58	18:10 (2)	08:00	08:06	08:46		
	21:41	23	21:04 (1)	20:34	19:12	26	18:36 (2)	17:55	15:53	15:38
24	04:59	20:42 (1)	05:59	07:00	18:12 (2)	08:02	08:08	08:46		
	21:39	21	21:03 (1)	20:31	19:10	21	18:33 (2)	17:52	15:51	15:39
25	05:01	20:43 (1)	06:01	07:02	18:15 (2)	07:04	08:09	08:46		
	21:37	18	21:01 (1)	20:29	19:07	14	18:29 (2)	16:50	15:50	15:40
26	05:03	20:44 (1)	06:03	07:04	18:16 (2)	07:06	08:11	08:47		
	21:36	16	21:00 (1)	20:26	19:04	13	16:47	15:49	15:40	
27	05:04	20:46 (1)	06:05	07:06	18:17 (2)	07:08	08:13	08:47		
	21:34	13	20:59 (1)	20:24	19:02	12	16:45	15:48	15:41	
28	05:06	20:48 (1)	06:07	07:08	18:18 (2)	07:11	08:15	08:47		
	21:32	8	20:56 (1)	20:21	18:59	11	16:43	15:46	15:42	
29	05:08	20:52 (1)	06:09	07:10	18:20 (2)	07:13	08:17	08:47		
	21:30	3	20:55 (1)	20:19	18:56	10	16:40	15:45	15:43	
30	05:10	06:11	07:12	18:54	18:21 (2)	07:15	08:19	08:47		
	21:28	20:16	18:54	16:38	15:44	15:44	15:44	15:44		
31	05:12	06:13	18:24 (2)	07:17	16:36	15:44	15:44	15:44		
	21:26	20:13	18:39 (2)	16:36	15:44	15:44	15:44	15:44		
Potential sun hours	528	469	384	324	248	217				
Total, worst case	776	15	837							

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IO - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (249)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:47	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:18	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:36
	16:03	17:08	18:09	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:39	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:05	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:38	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:10	05:01	04:24	04:45	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:06	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:51	08:41
	16:10	17:17	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:48	05:45	06:47	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:47	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:44	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:39	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:48	15:49	15:40
27	08:20	07:13	05:59	05:40	04:41	04:26	05:05	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:51	05:33	04:37	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IP - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (250)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:46	08:09	07:05	06:43	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:18	07:23	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:57	06:35	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:26	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:44	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:36
	16:03	17:08	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:39	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:38	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:02	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:09	05:01	04:24	04:45	05:41	06:42	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24	04:46	05:43	06:44	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:48	05:45	06:46	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:57	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:52	07:53	07:59	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:44
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:05	08:46
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:10	17:52	15:51	15:39
25	08:23	07:18	06:05	05:44	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:35	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:38	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:01	16:45	15:47	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:53	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IQ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (251)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
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22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IR - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (252)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:29	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:46	08:09	07:05	06:43	05:28	04:33	04:29	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:32	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32	04:30	05:18	06:19	07:18	07:23	08:24
	15:49	16:48	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:45	08:03	06:57	06:36	05:21	04:30	04:32	05:21	06:23	07:22	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:55	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:39
8	08:44	07:57	06:50	06:28	05:15	04:28	04:35	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:37	05:29	06:31	07:31	07:36	08:33
	15:58	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:38
10	08:42	07:53	06:44	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:09	04:26	04:39	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37
12	08:40	07:48	06:39	06:17	05:07	04:25	04:40	05:35	06:37	07:37	07:43	08:36
	16:03	17:08	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:37
13	08:39	07:46	06:37	06:15	05:05	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:38	07:44	06:34	06:12	05:03	04:25	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:02	21:54	20:56	19:36	18:17	16:07	15:36
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	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:06	15:36
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	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:48	05:45	06:46	07:47	07:53	08:42
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:48	07:49	07:55	08:42
	16:14	17:21	18:21	20:25	21:25	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:32	07:32	06:21	05:59	04:53	04:24	04:51	05:49	06:50	07:51	07:57	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:52	04:24	04:52	05:51	06:52	07:53	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:27	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:44
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:47	04:24	04:57	05:57	06:58	08:00	08:05	08:46
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:25	04:59	05:59	07:00	08:02	08:07	08:46
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:09	08:46
	16:28	17:36	18:36	20:40	21:38	22:06	21:37	20:29	19:07	16:50	15:50	15:40
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:38	18:38	20:42	21:39	22:06	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:41	04:26	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:48	15:41
28	08:18	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:51	05:33	04:37	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	267	366	426	507	527	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IS - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (253)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
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	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
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	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IT - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (254)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IU - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (255)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:15	06:17	07:16	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:23	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:51	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:23	04:52	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:38	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:36		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IV - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (256)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
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	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
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	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
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30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IW - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (257)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
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29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
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30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
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31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IX - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (258)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
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	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
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23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
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25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
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27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IY - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (259)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
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15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:07	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:09	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:11	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:13	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: IZ - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (260)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:14	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
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	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
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	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: JA - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (261)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
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	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: JB - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (262)

Assumptions for shadow calculations

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	15:50	16:50	17:51	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
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	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:36	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
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	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
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	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
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	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
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	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
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	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
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	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
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Total, worst case												

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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: JC - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (263)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

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	15:49	16:48	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
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	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
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	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
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	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
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15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
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17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
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	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
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	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
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28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
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30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: JD - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (264)
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
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18	08:34	07:35	06:24	06:02	04:55	04:23	04:49	05:47	06:49	07:49	07:56	08:43
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: JE - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (265)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
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	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
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16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
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19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
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21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
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	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	07:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	07:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	07:09	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	07:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	07:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	07:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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SHADOW - Calendar

Calculation: Riebiņu VES mirgoša Shadow receptor: JF - Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (266)

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34	04:28	05:14	06:15	07:15	07:19	08:21
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:10	07:05	06:44	05:28	04:33	04:29	05:16	06:17	07:17	07:22	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:32	15:42
3	08:47	08:08	07:03	06:41	05:26	04:32	04:30	05:17	06:19	07:19	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:52	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:06	07:00	06:38	05:24	04:31	04:31	05:19	06:21	07:21	07:26	08:26
	15:50	16:50	17:52	19:56	20:58	21:53	22:04	21:18	20:03	18:43	16:27	15:40
5	08:46	08:04	06:58	06:36	05:21	04:30	04:32	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:01	18:40	16:25	15:40
6	08:45	08:02	06:55	06:33	05:19	04:29	04:33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:45	07:59	06:52	06:30	05:17	04:28	04:34	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:03	21:04	21:57	22:02	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:27	04:35	05:27	06:29	07:29	07:35	08:32
	15:56	16:59	18:00	20:05	21:06	21:58	22:01	21:10	19:53	18:33	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27	04:36	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:59	22:00	21:07	19:50	18:30	16:17	15:37
10	08:43	07:53	06:45	06:22	05:11	04:26	04:38	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	22:00	21:59	21:05	19:47	18:27	16:15	15:37
11	08:42	07:51	06:42	06:20	05:08	04:26	04:39	05:33	06:35	07:35	07:41	08:36
	16:01	17:05	18:06	20:11	21:12	22:01	21:58	21:03	19:45	18:25	16:13	15:37
12	08:41	07:49	06:39	06:17	05:06	04:25	04:40	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:09	20:13	21:14	22:01	21:57	21:01	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25	04:42	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24	04:43	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:37	18:17	16:07	15:36
15	08:38	07:42	06:31	06:10	05:01	04:24	04:44	05:41	06:43	07:43	07:50	08:40
	16:08	17:14	18:15	20:19	21:20	22:04	21:53	20:54	19:34	18:14	16:05	15:36
16	08:37	07:40	06:29	06:07	04:59	04:24	04:46	05:43	06:45	07:45	07:52	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:52	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24	04:47	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:24	06:02	04:55	04:24	04:49	05:47	06:49	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53	04:23	04:51	05:49	06:51	07:52	07:58	08:44
	16:16	17:23	18:23	20:27	21:28	22:06	21:47	20:44	19:23	18:04	15:59	15:36
20	08:31	07:30	06:18	05:57	04:51	04:24	04:52	05:51	06:53	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:42	19:20	18:02	15:57	15:37
21	08:30	07:28	06:16	05:54	04:50	04:24	04:54	05:53	06:55	07:56	08:02	08:45
	16:20	17:28	18:27	20:32	21:31	22:06	21:44	20:39	19:18	18:00	15:56	15:37
22	08:29	07:25	06:13	05:52	04:48	04:24	04:56	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:34	21:33	22:06	21:43	20:37	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46	04:24	04:57	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:32	20:36	21:35	22:07	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:08	05:47	04:45	04:24	04:59	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:07	21:39	20:32	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43	04:25	05:01	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:07	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42	04:25	05:03	06:03	07:04	08:06	08:12	08:47
	16:30	17:39	18:38	20:42	21:40	22:07	21:36	20:26	19:04	16:47	15:49	15:40
27	08:21	07:13	06:00	05:40	04:40	04:26	05:04	06:05	07:06	08:08	08:14	08:47
	16:32	17:41	18:40	20:44	21:41	22:07	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39	04:26	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38	04:27	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:45	22:06	21:30	20:19	18:56	16:41	15:45	15:43
30	08:15		06:52	05:33	04:36	04:28	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:06	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35		05:12	06:13		07:17		08:47
	16:41		19:48		21:48		21:26	20:14		16:36		15:45
Potential sun hours	236	266	366	426	507	528	528	469	384	324	248	217
Total, worst case												

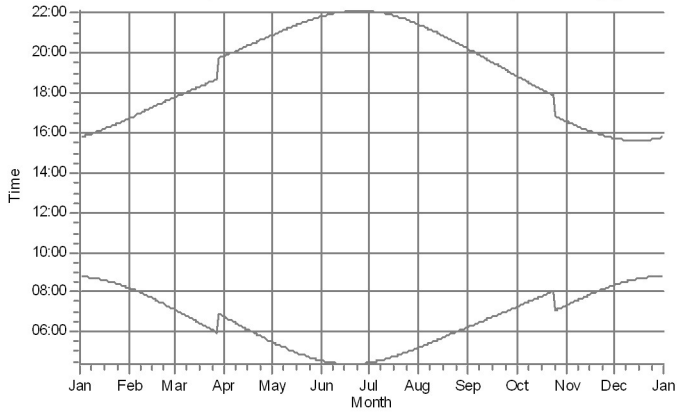
Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	Minutes with flicker	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	(WTG causing flicker first time)	(WTG causing flicker last time)
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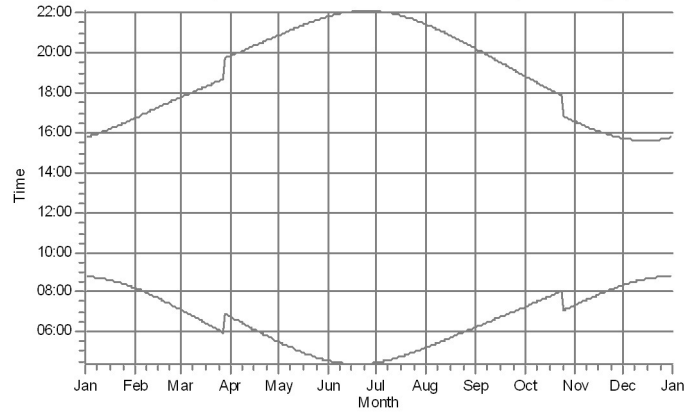
SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgòa

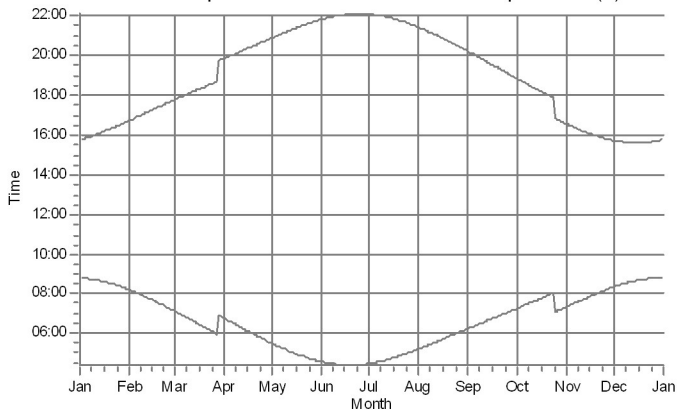
A: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (1)



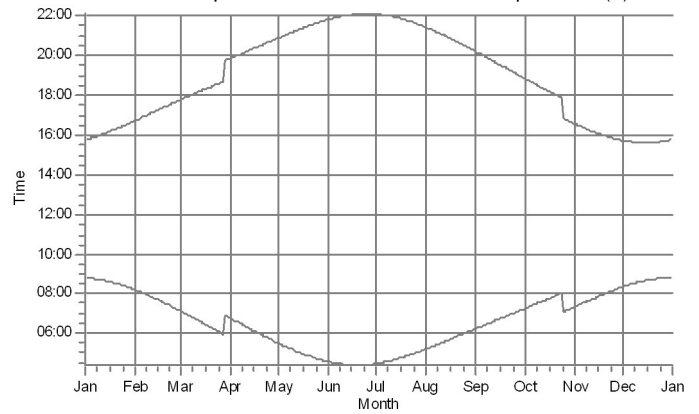
B: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (2)



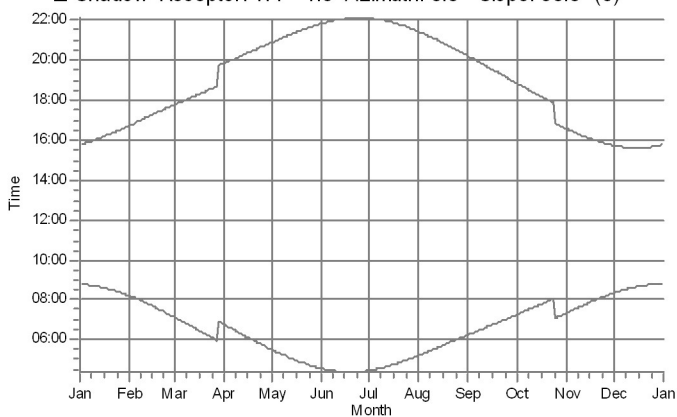
C: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (3)



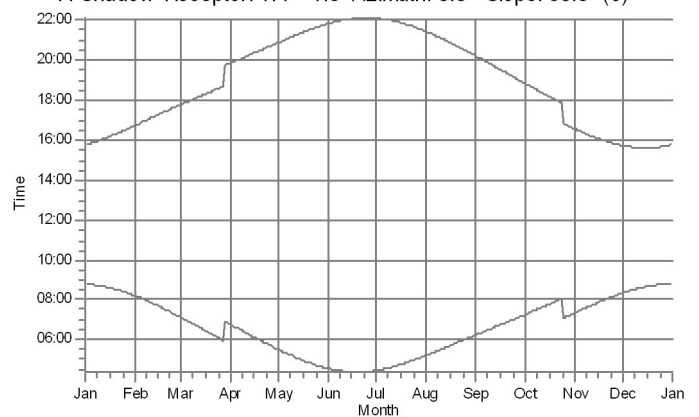
D: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (4)



E: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (5)



F: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (6)

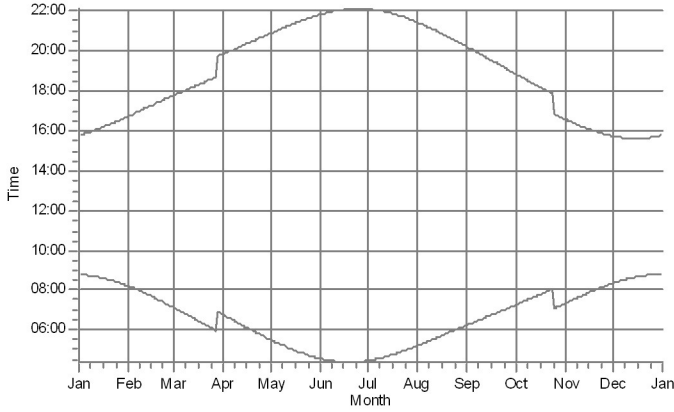


WTGs

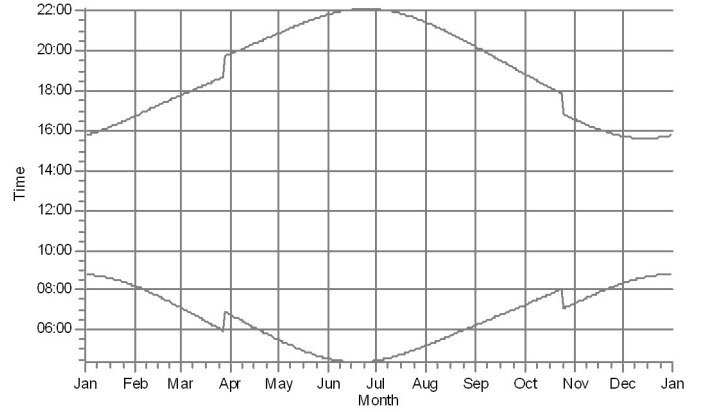
SHADOW - Calendar, graphical

Calculation: Riebiūu VES mirgoāa

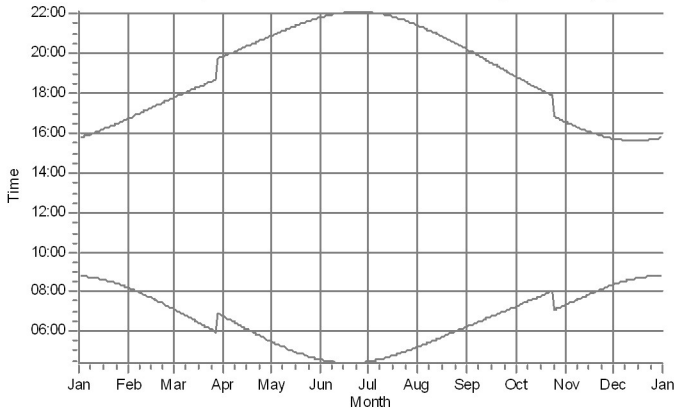
G: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (7)



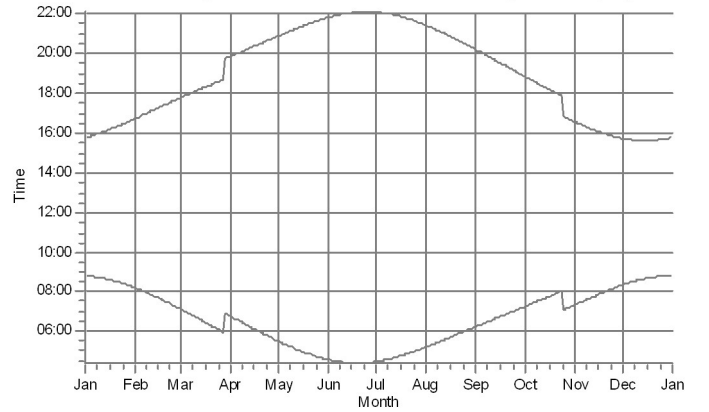
H: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (8)



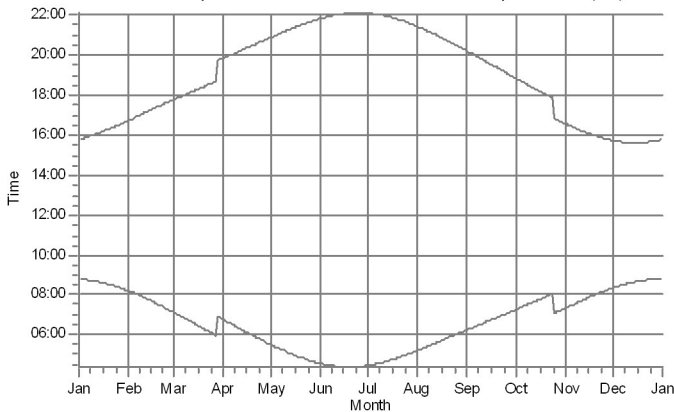
I: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (9)



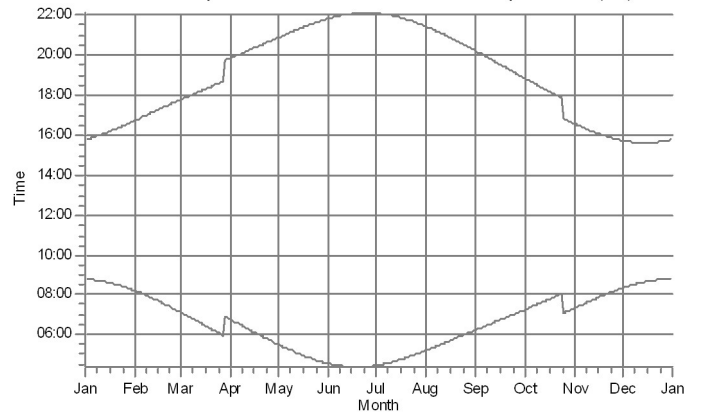
J: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (10)



K: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (11)



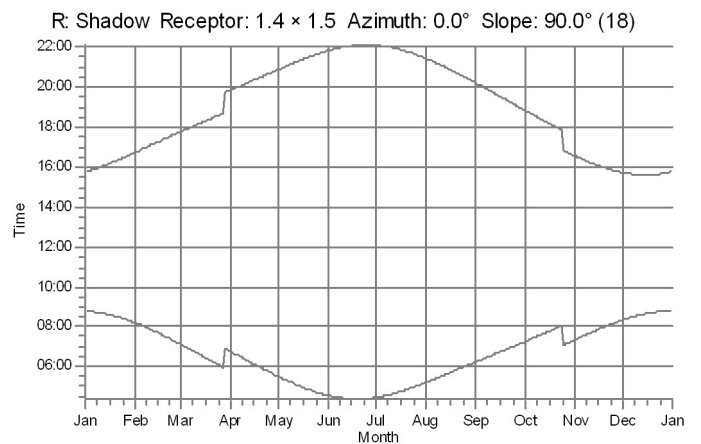
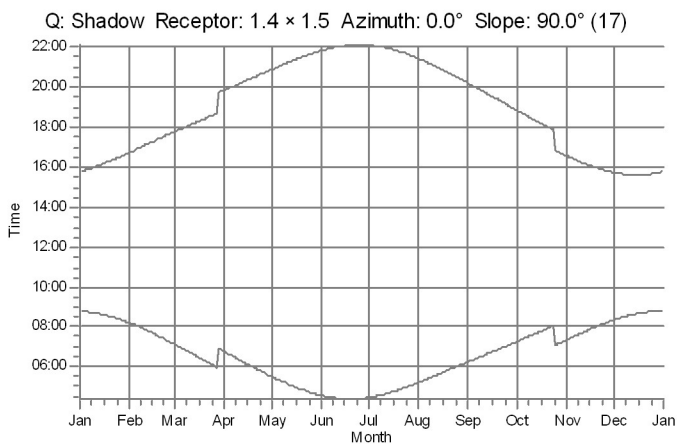
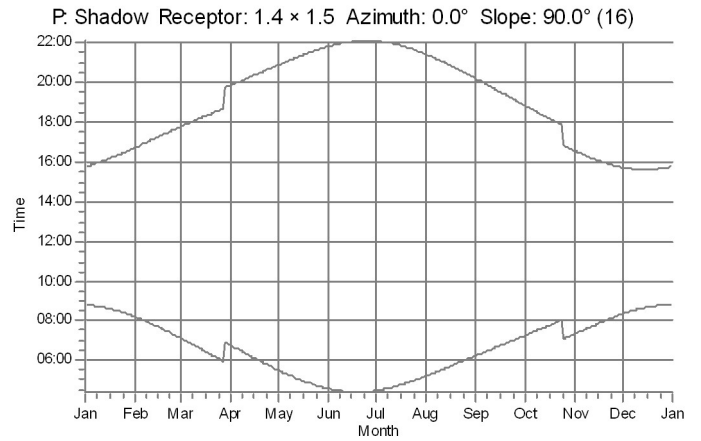
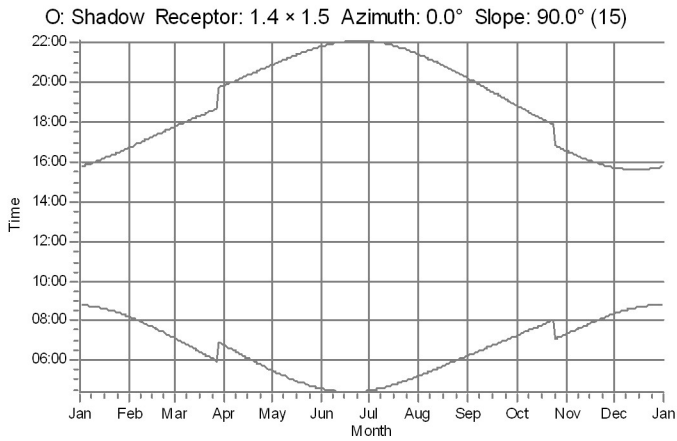
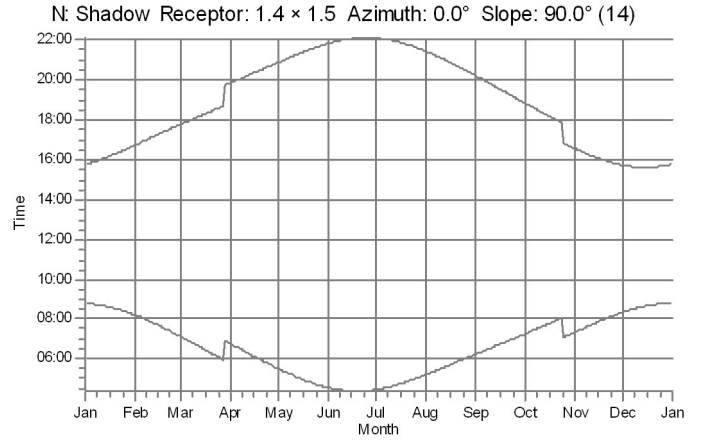
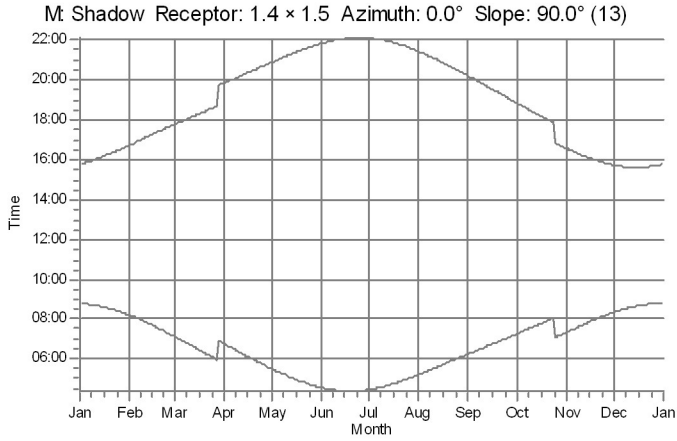
L: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (12)



WTGs

SHADOW - Calendar, graphical

Calculation: Riebiūu VES mirgòa

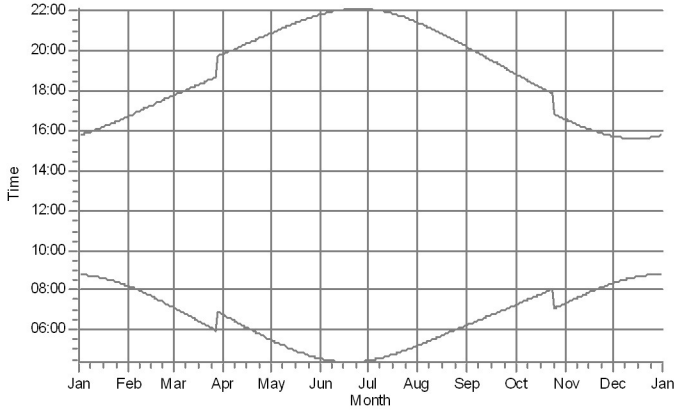


WTGs

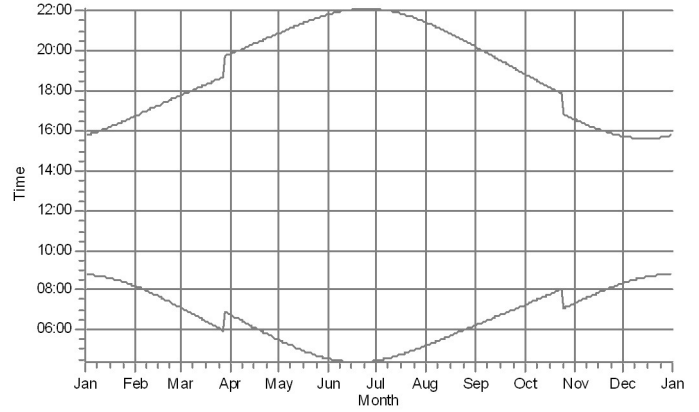
SHADOW - Calendar, graphical

Calculation: Riebiūu VES mirgoāa

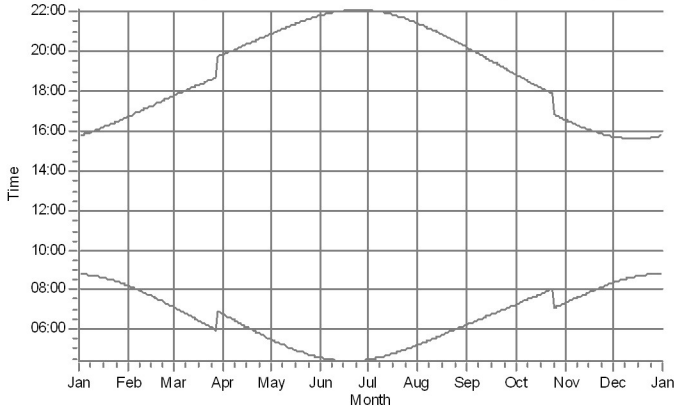
S: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (19)



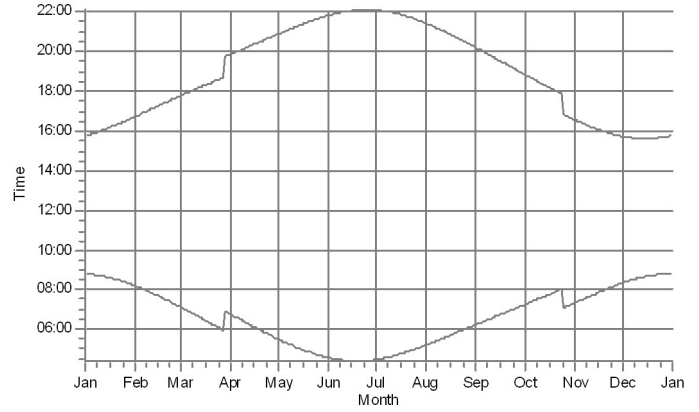
T: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (20)



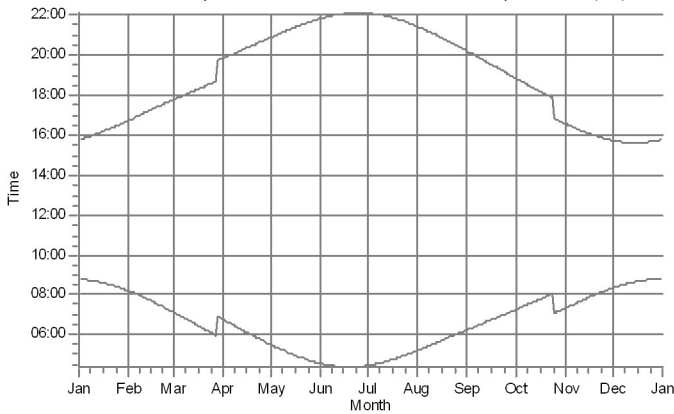
U: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (21)



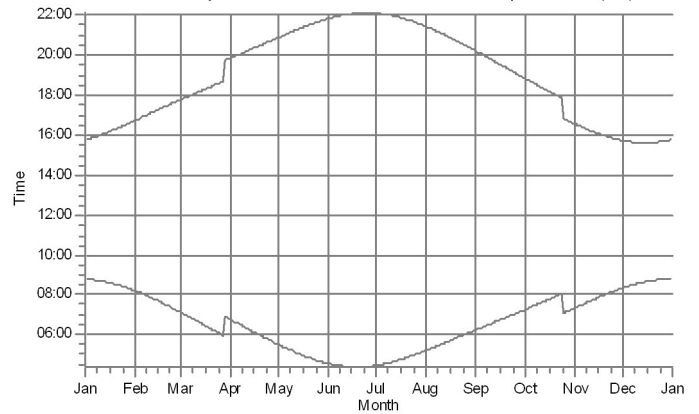
V: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (22)



W: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (23)



X: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (24)

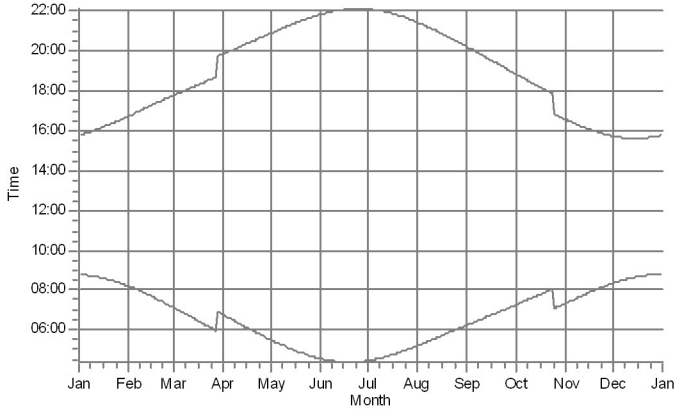


WTGs

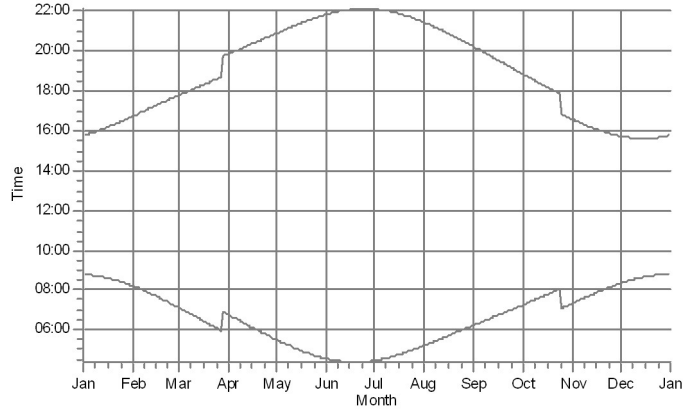
SHADOW - Calendar, graphical

Calculation: Riebiūu VES mirgoāa

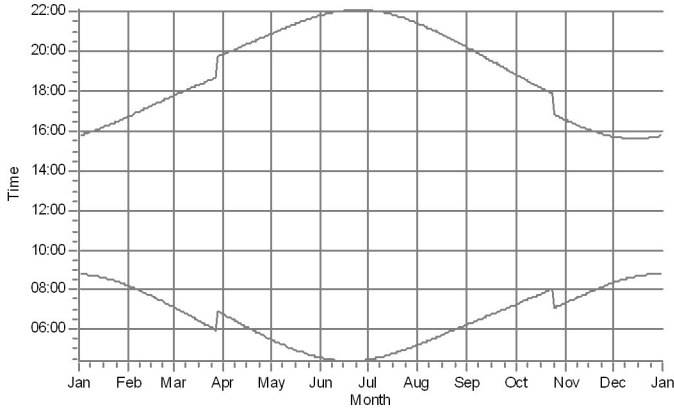
Y: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (25)



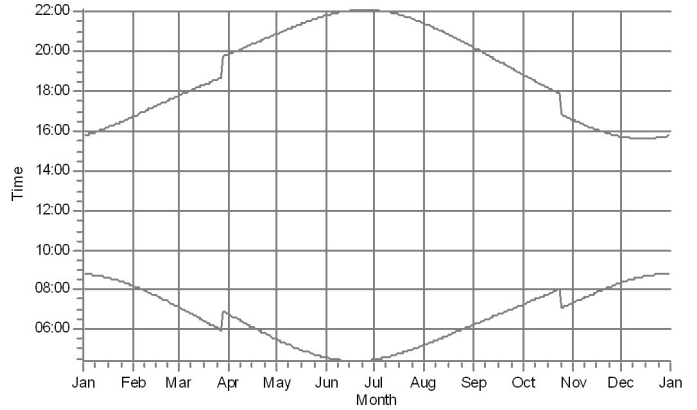
Z: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (26)



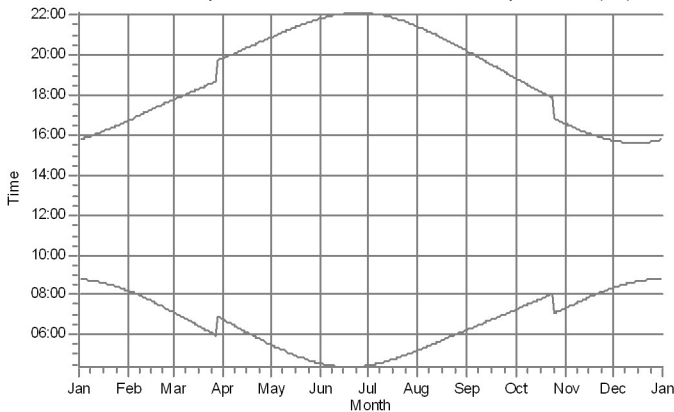
AA: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (27)



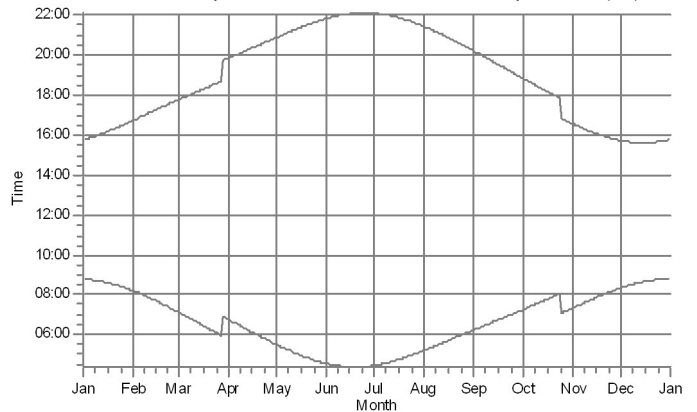
AB: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (28)



AC: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (29)



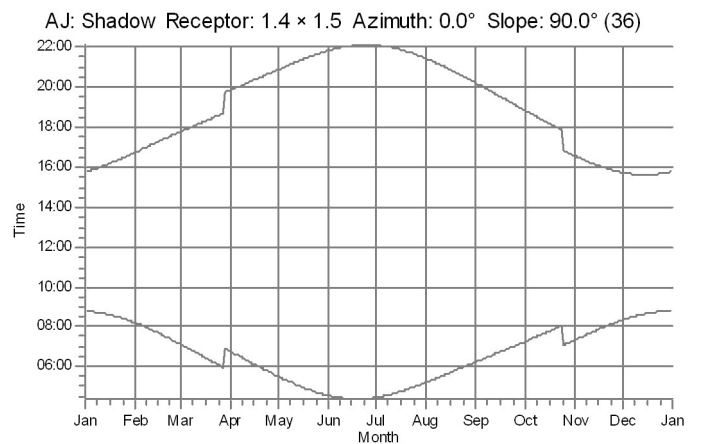
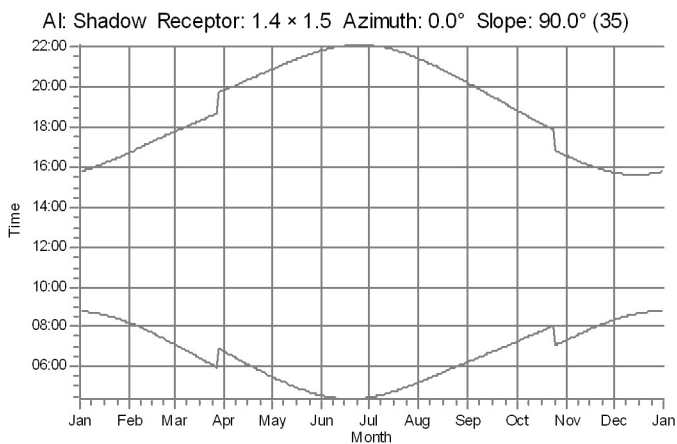
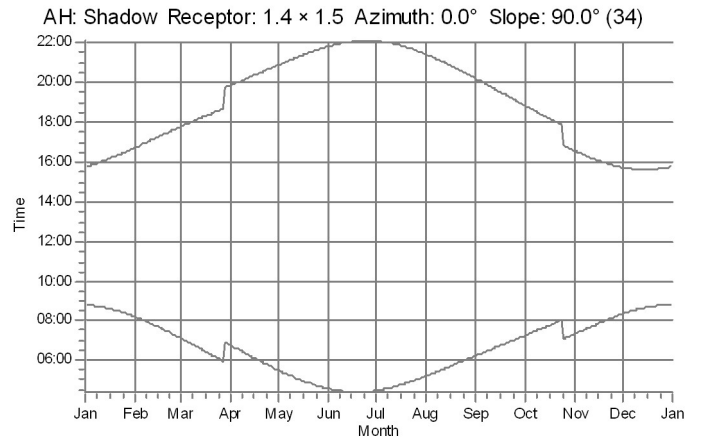
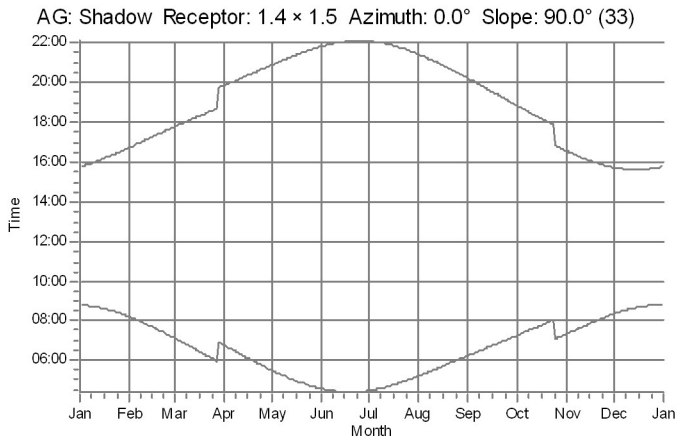
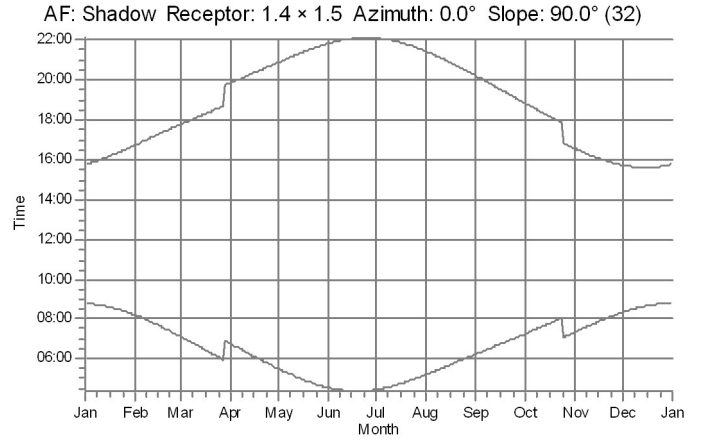
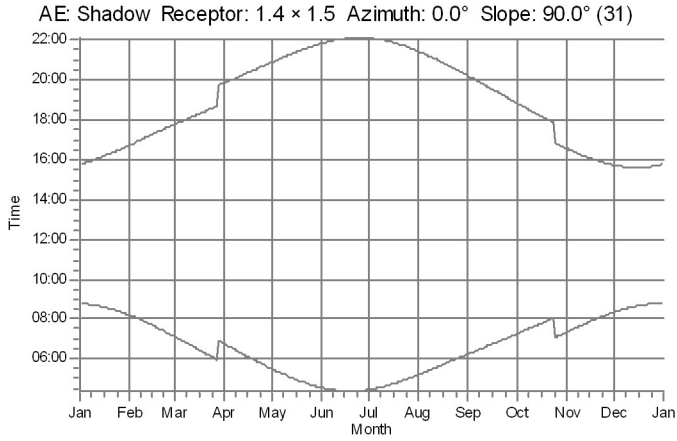
AD: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (30)



WTGs

SHADOW - Calendar, graphical

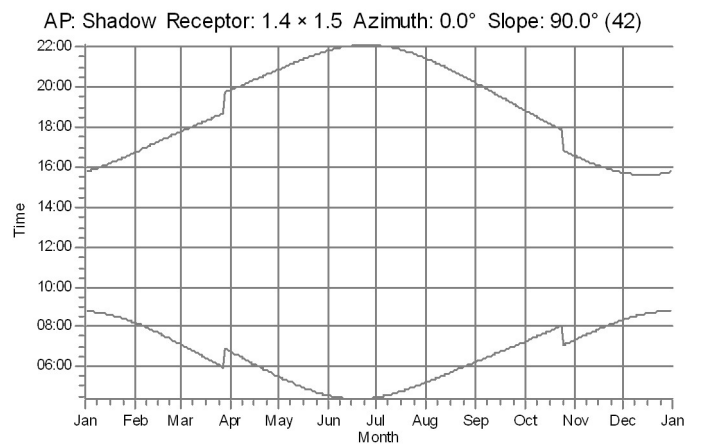
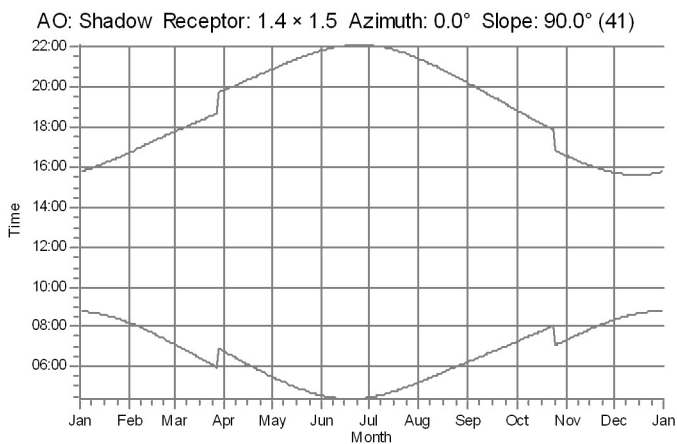
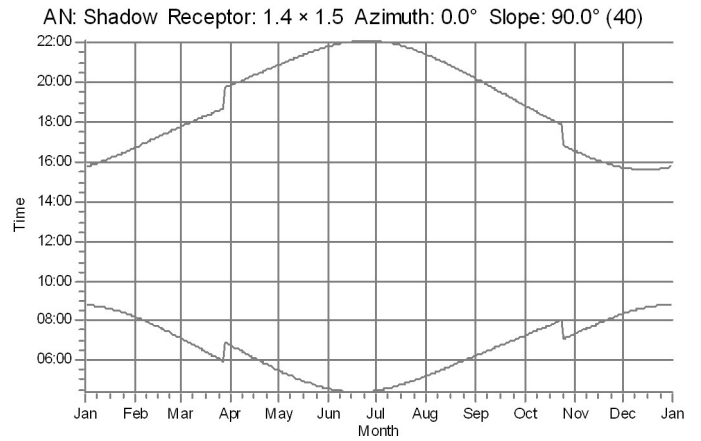
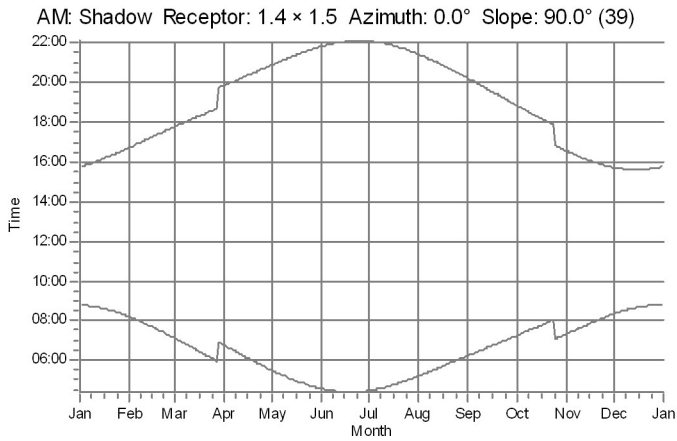
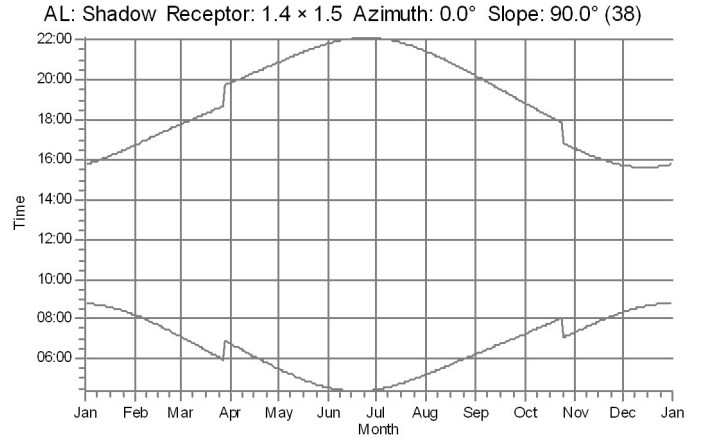
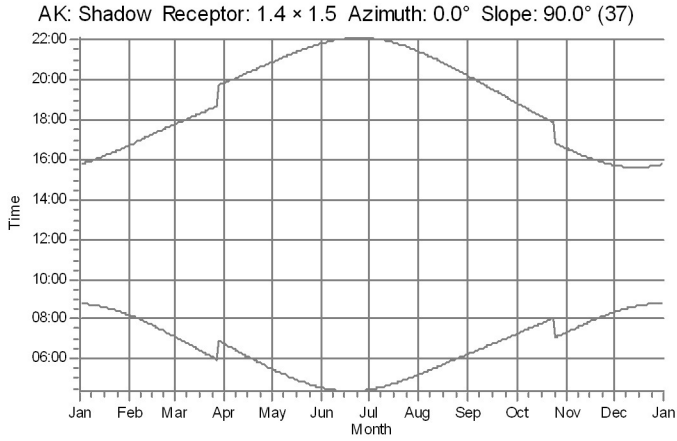
Calculation: Riebiūu VES mirgòa



WTGs

SHADOW - Calendar, graphical

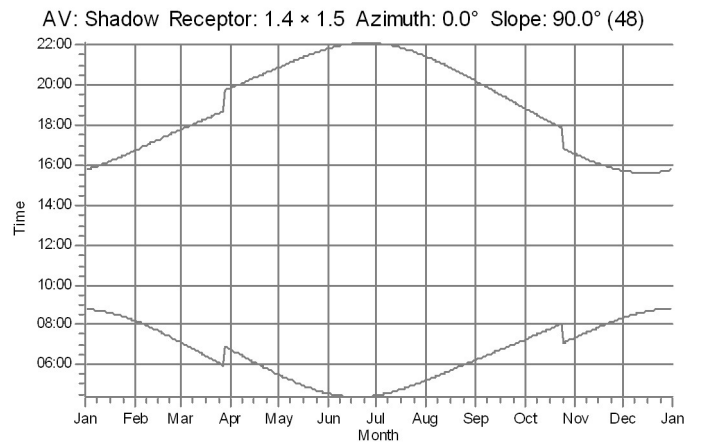
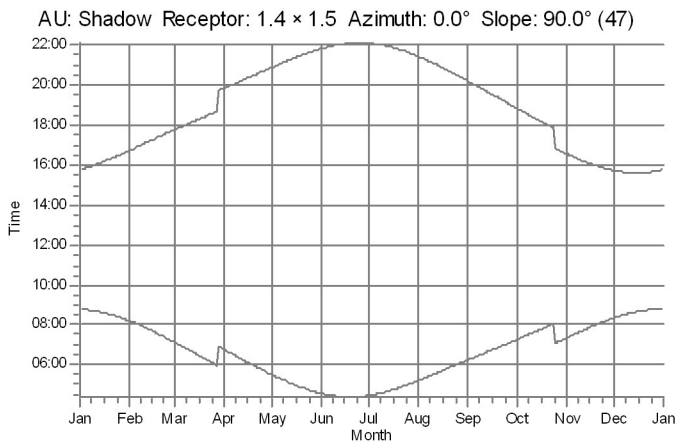
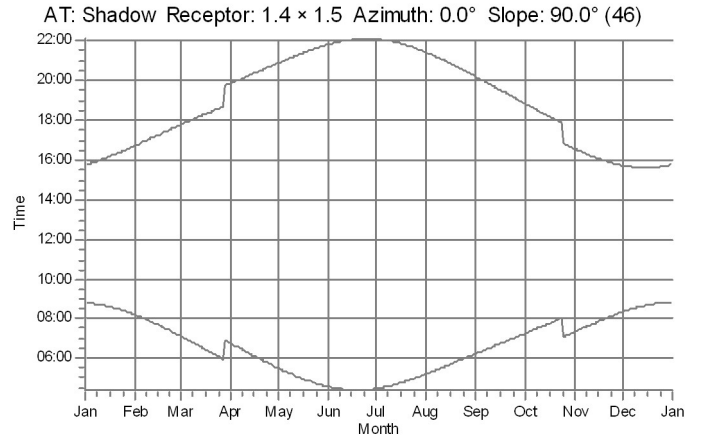
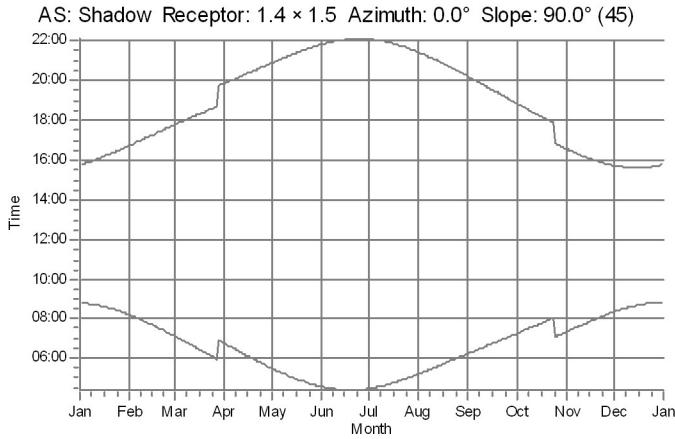
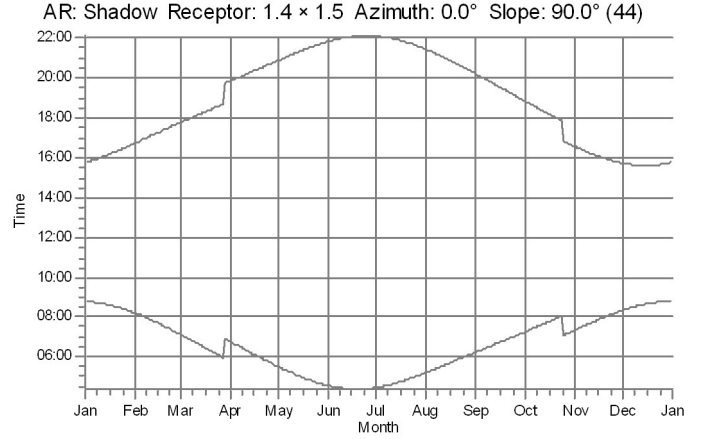
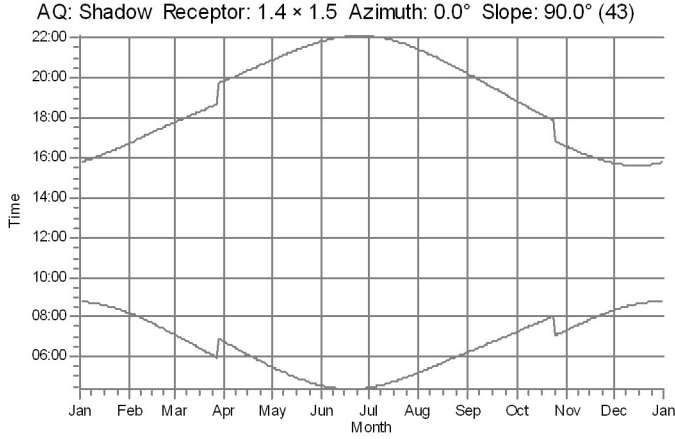
Calculation: Riebiūu VES mirgòa



WTGs

SHADOW - Calendar, graphical

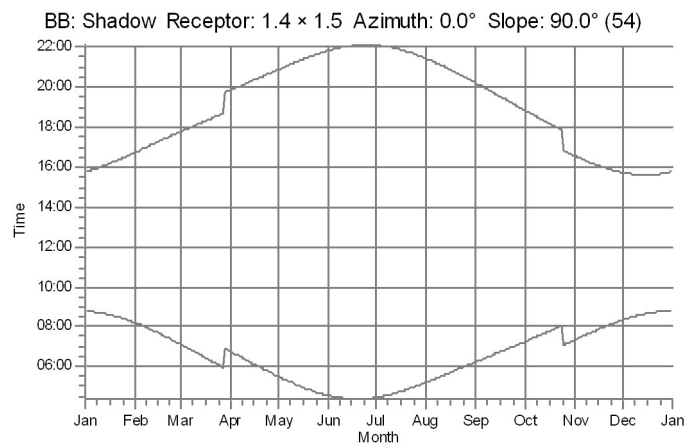
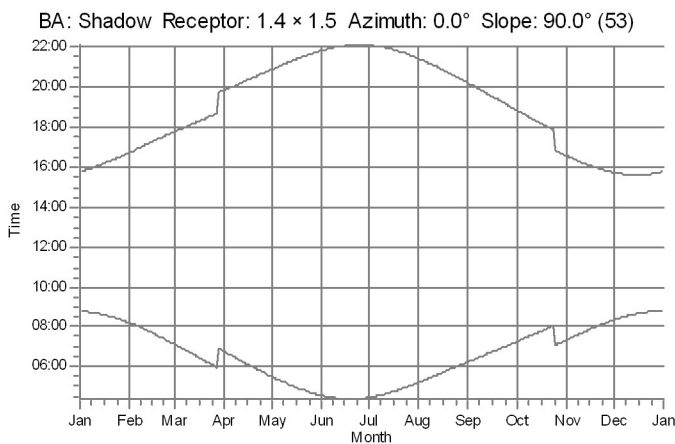
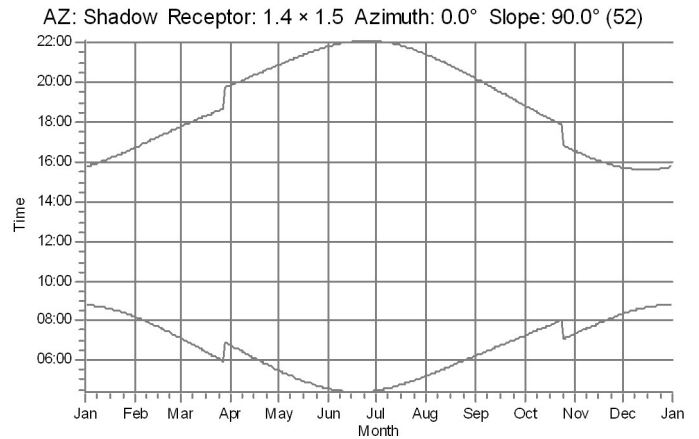
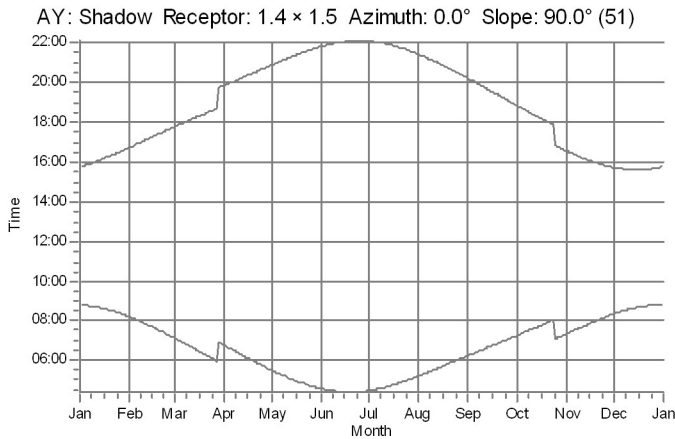
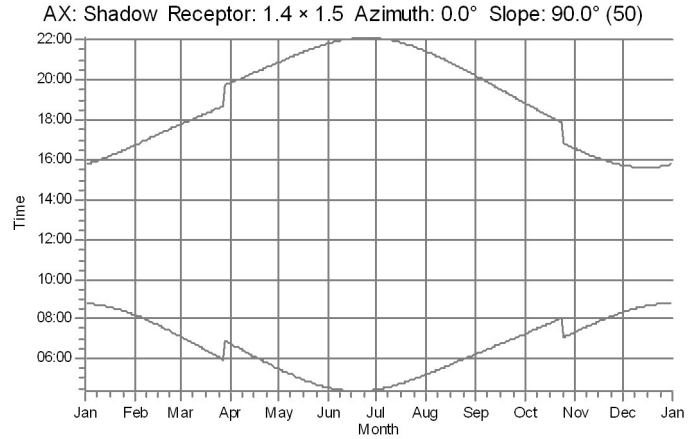
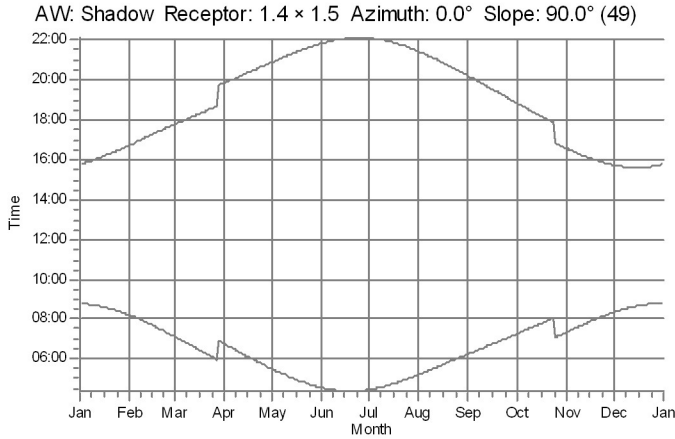
Calculation: Riebiū VES mirgòa



WTGs

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgòa

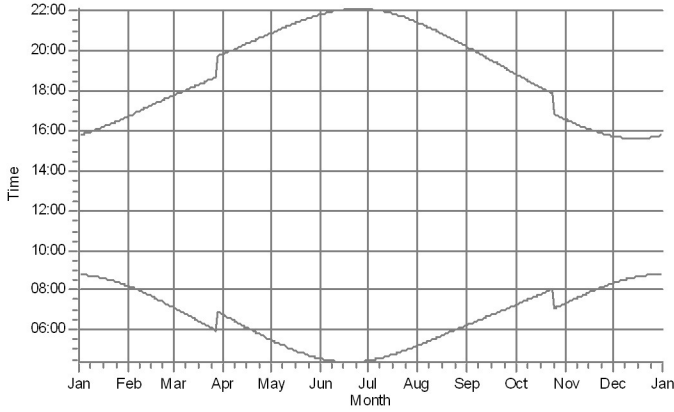


WTGs

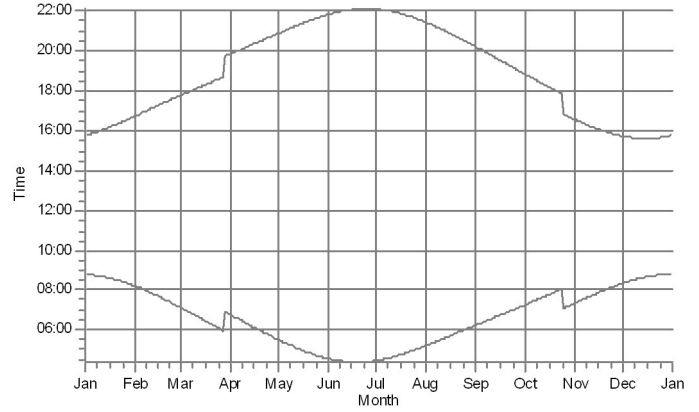
SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgòa

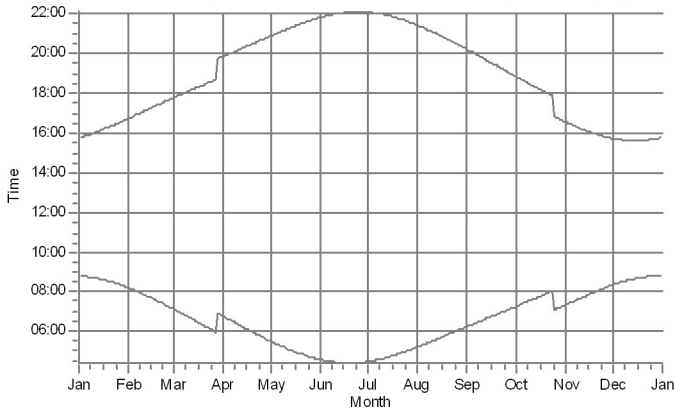
BC: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (55)



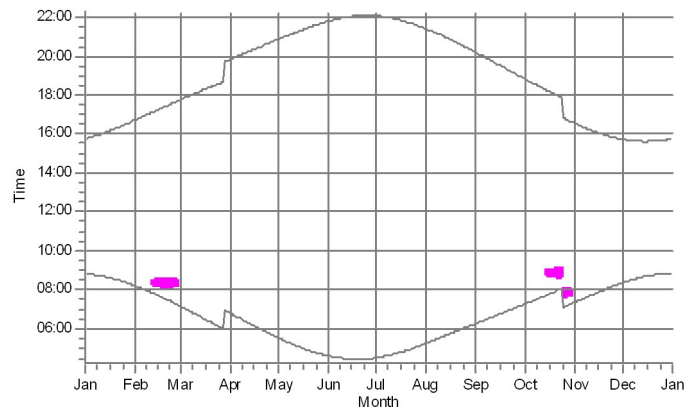
BD: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (56)



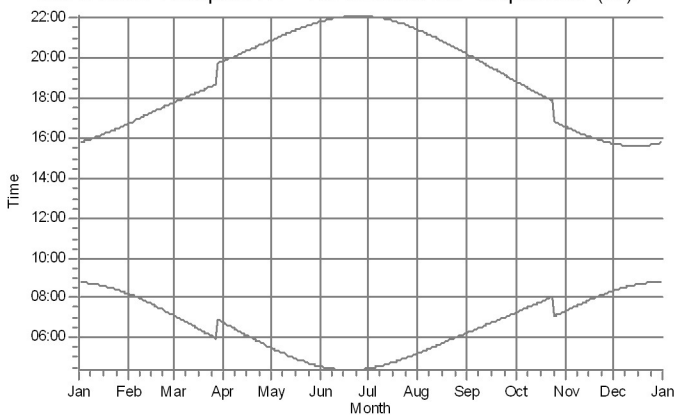
BE: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (57)



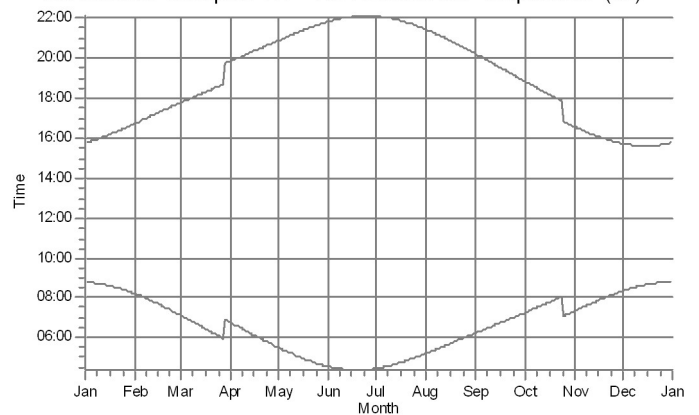
BF: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (58)



BG: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (59)



BH: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (60)



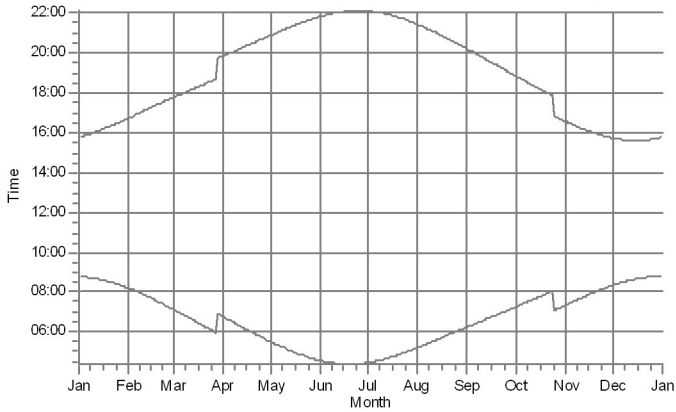
WTGs

5: ENERCON E-175 EP5 6000 175.0 IO! hub: 162.0 m (TOT: 249.5 m) (31)

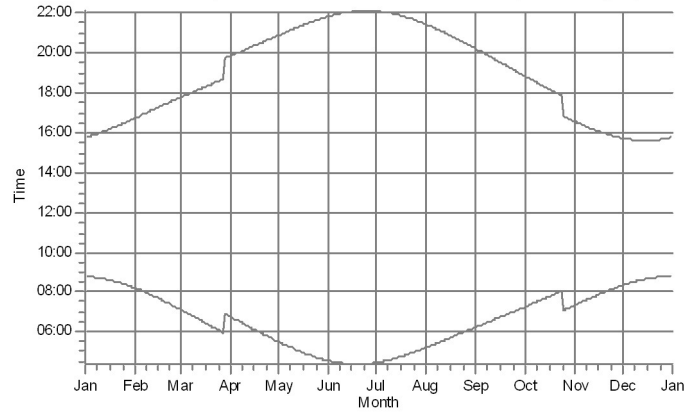
SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

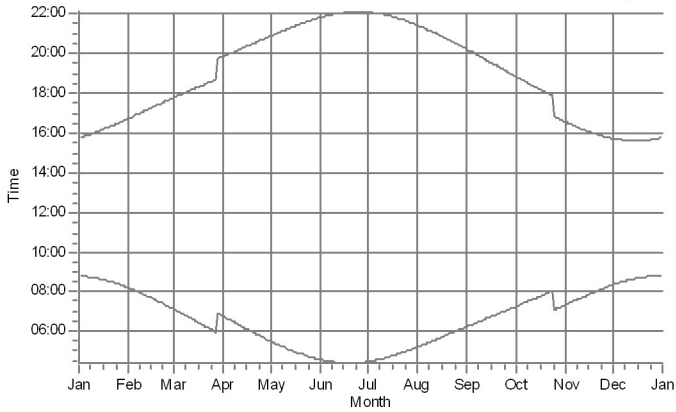
Bf: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (61)



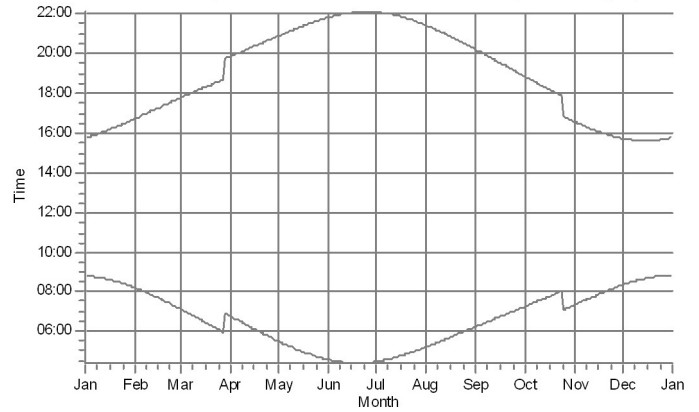
BJ: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (62)



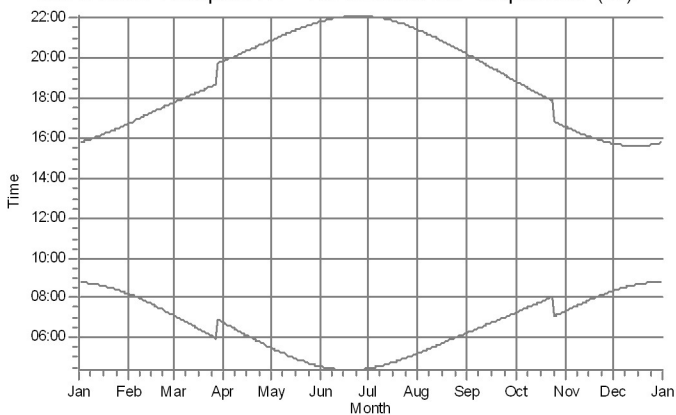
BK: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (63)



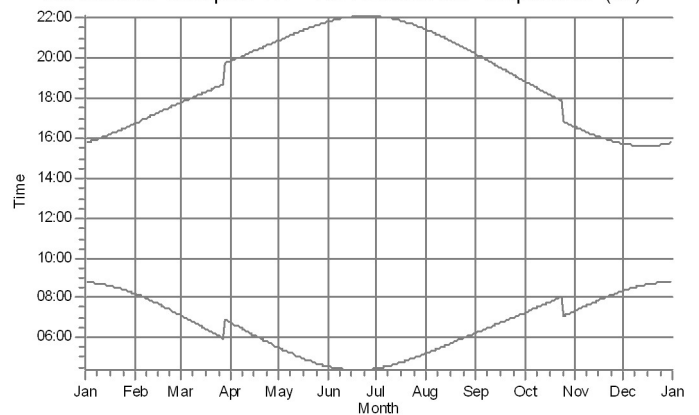
BL: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (64)



BM: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (65)



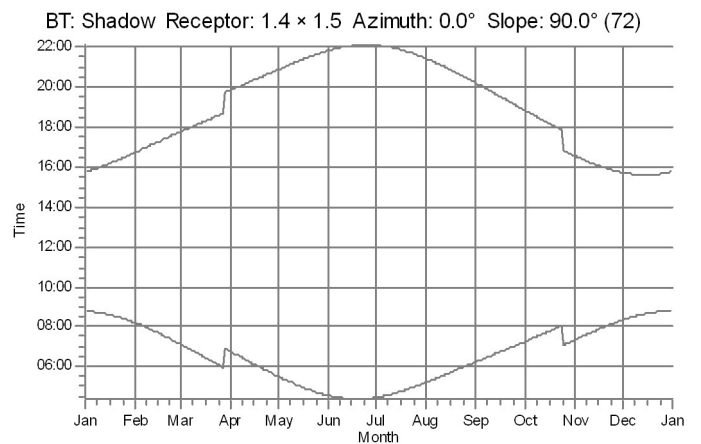
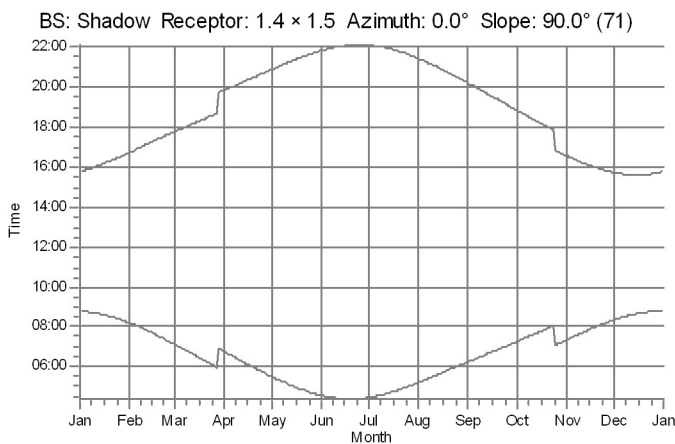
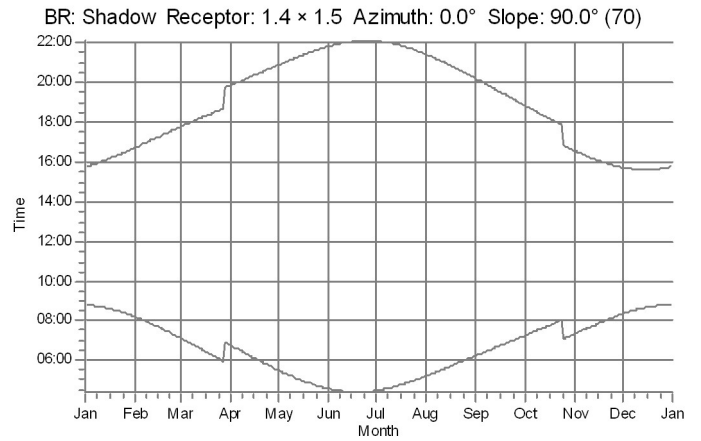
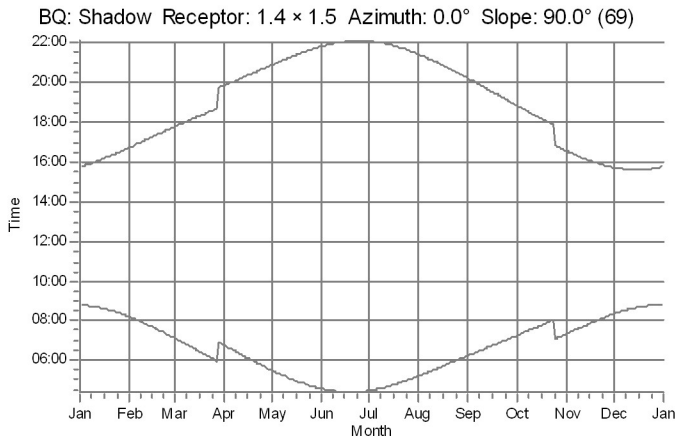
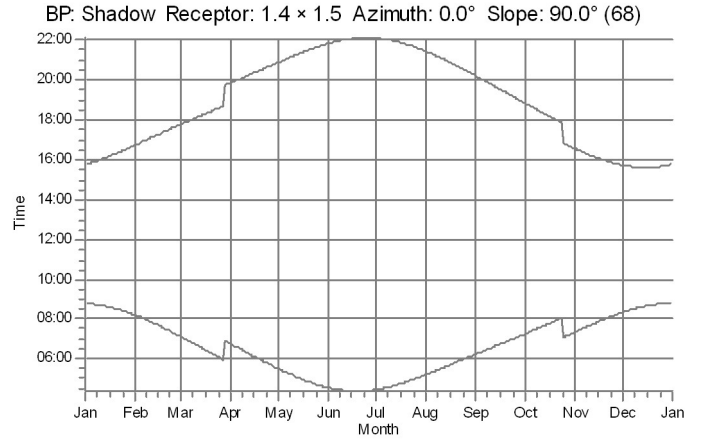
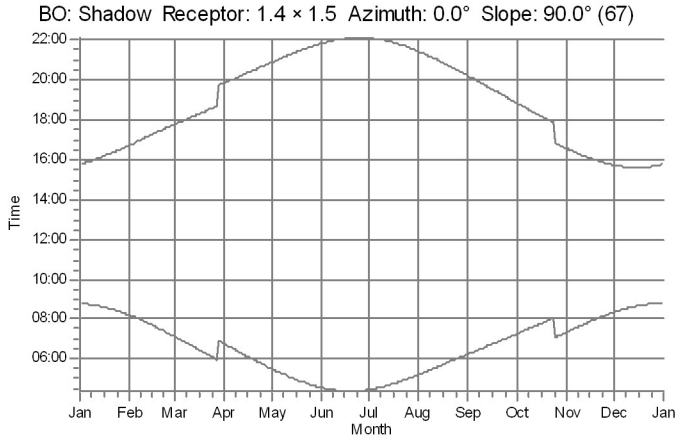
BN: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (66)



WTGs

SHADOW - Calendar, graphical

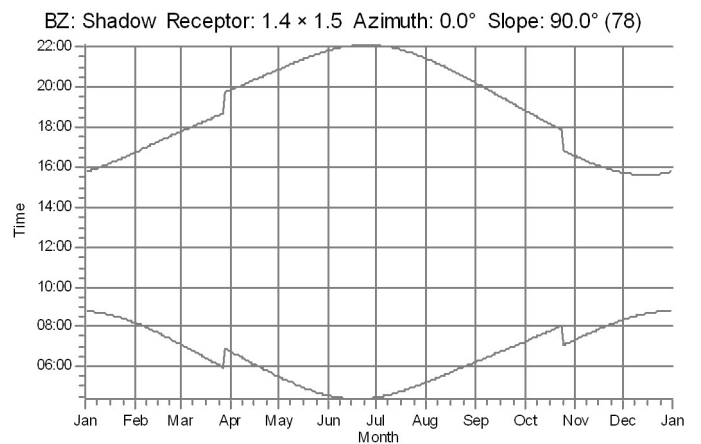
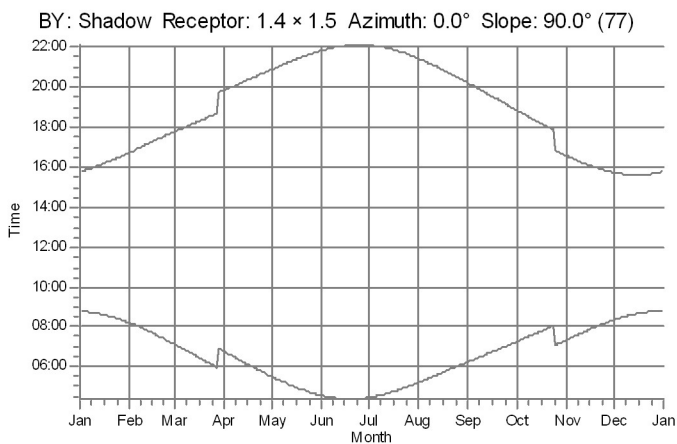
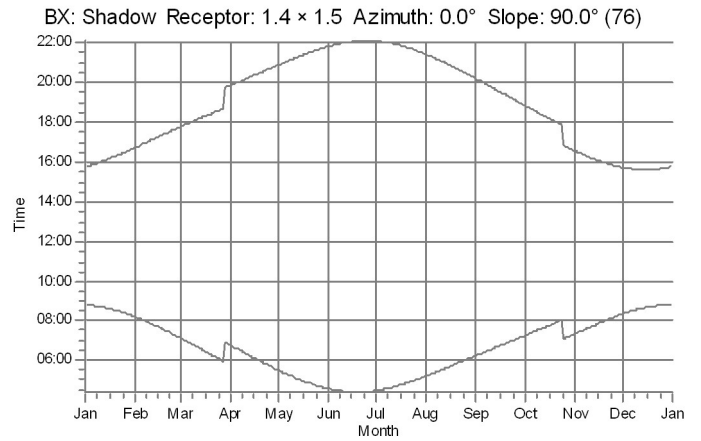
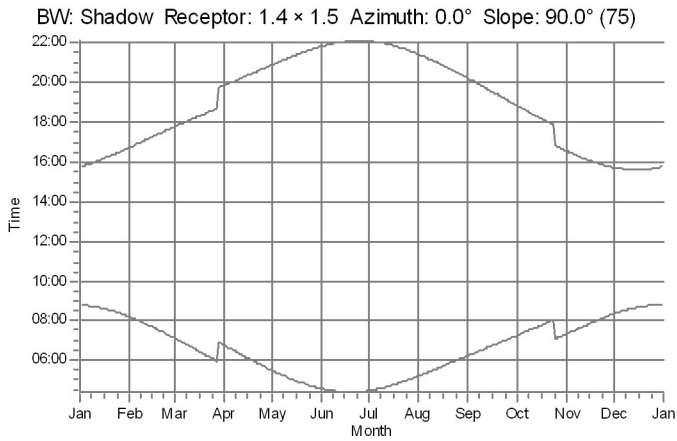
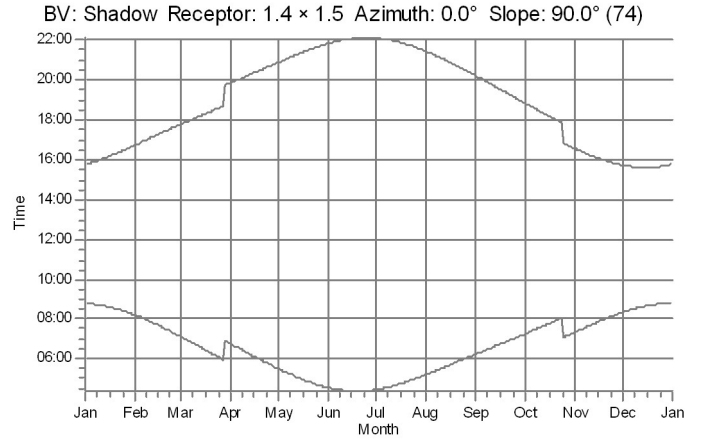
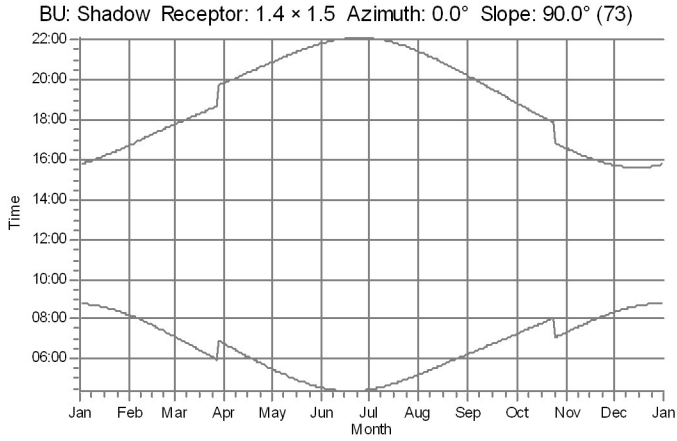
Calculation: Riebiū VES mirgòa



WTGs

SHADOW - Calendar, graphical

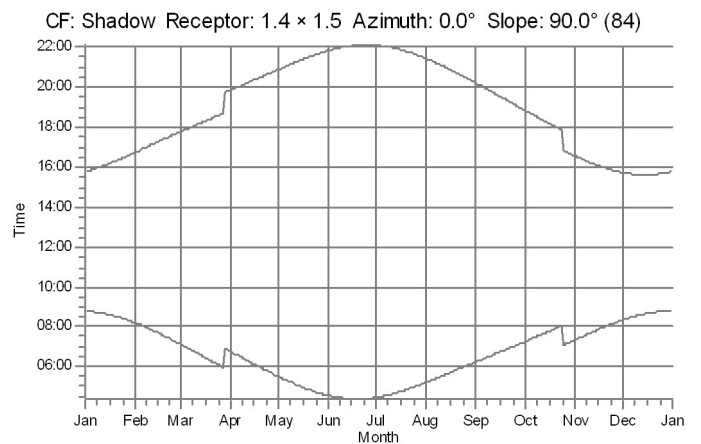
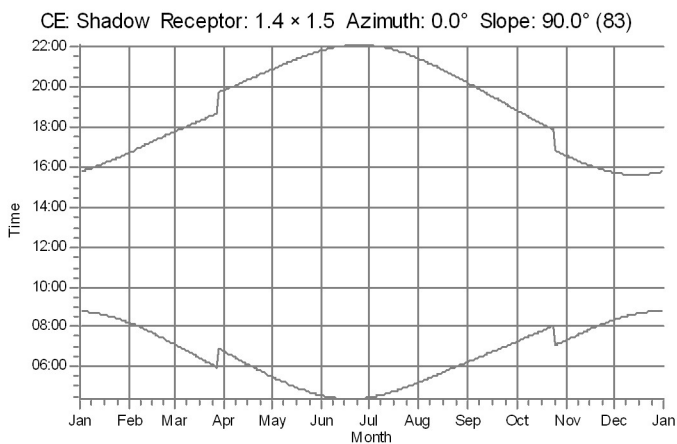
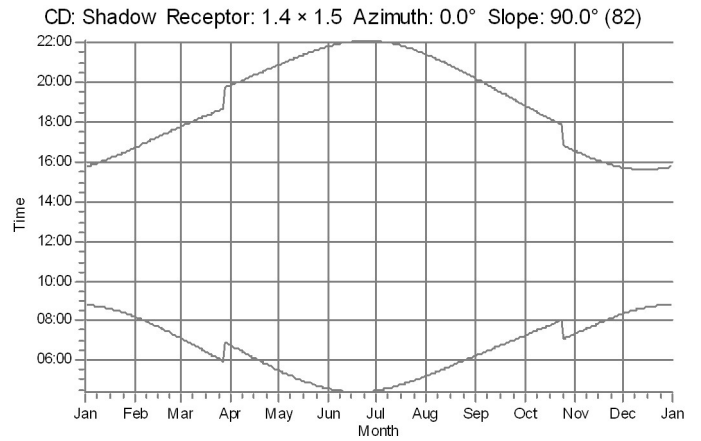
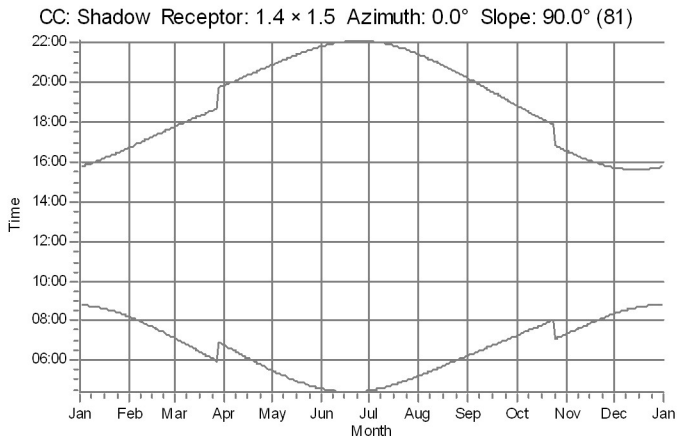
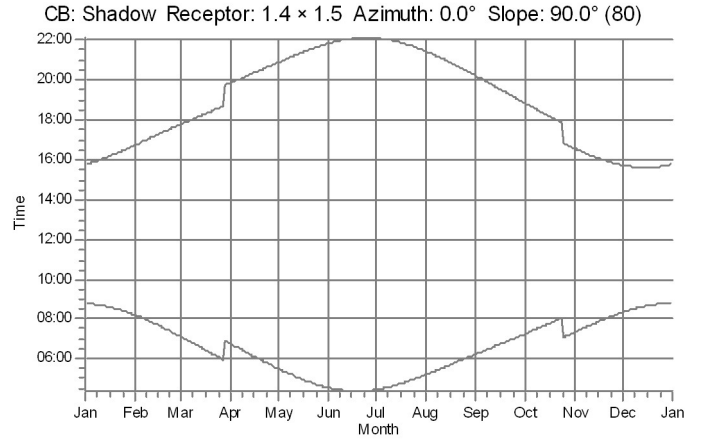
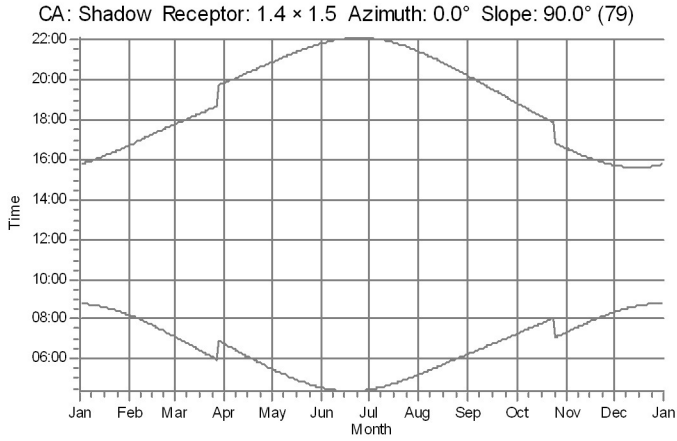
Calculation: Riebiū VES mirgoā



WTGs

SHADOW - Calendar, graphical

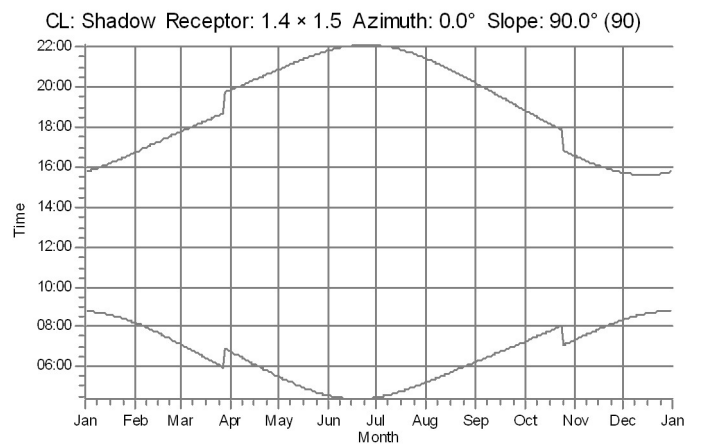
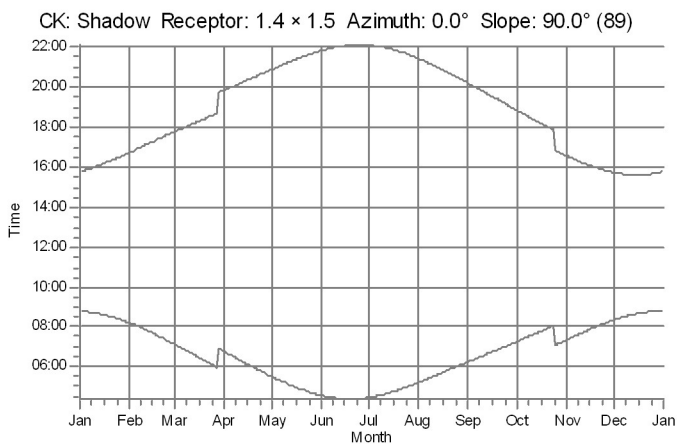
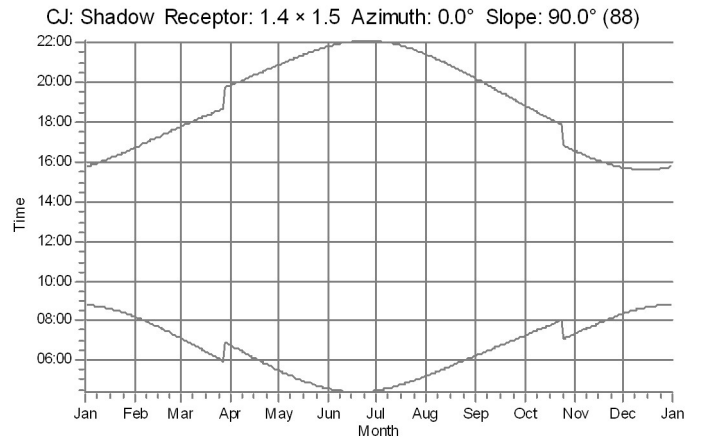
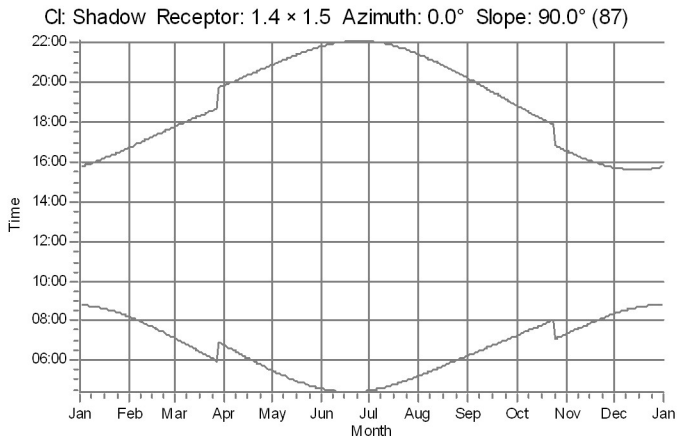
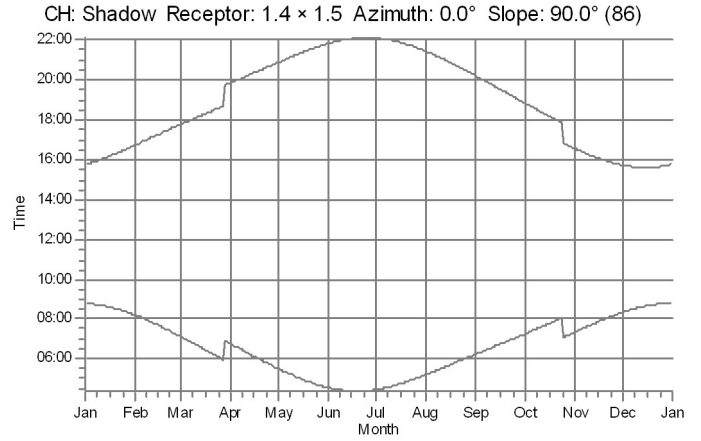
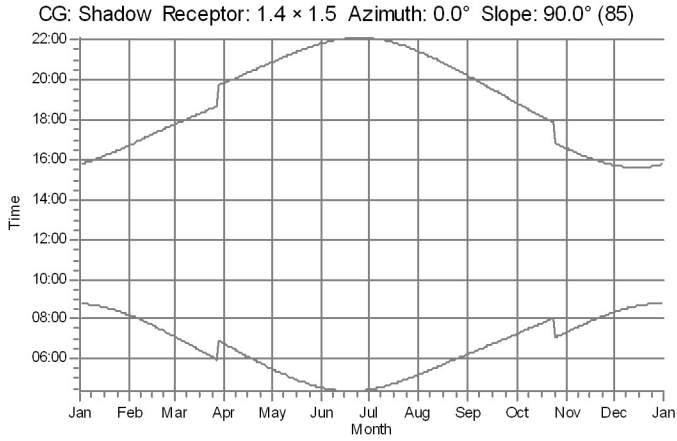
Calculation: Riebiū VES mirgòa



WTGs

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

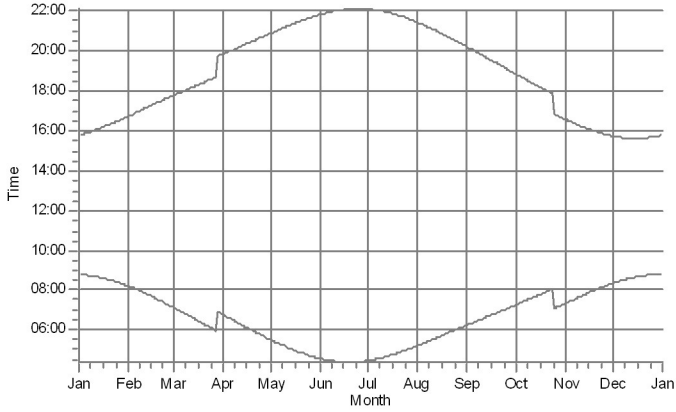


WTGs

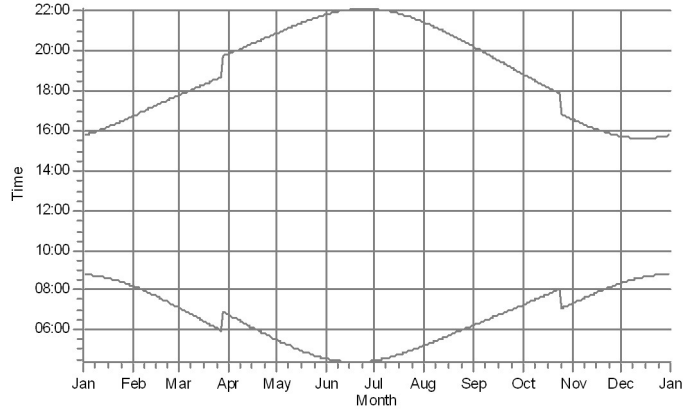
SHADOW - Calendar, graphical

Calculation: Riebiūu VES mirgoāa

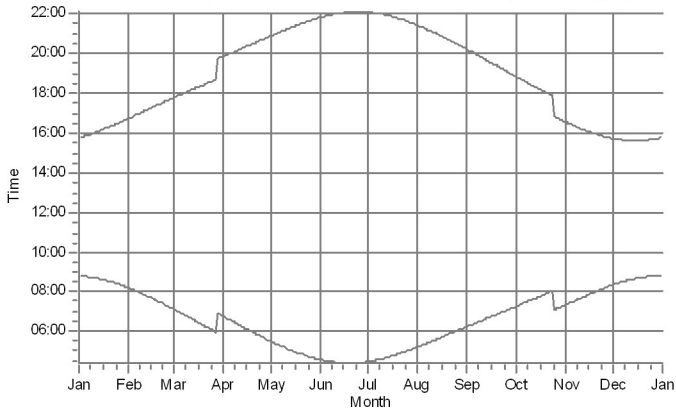
CM: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (91)



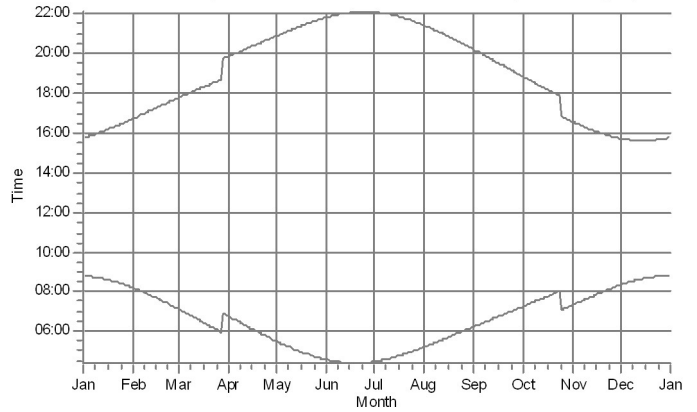
CN: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (92)



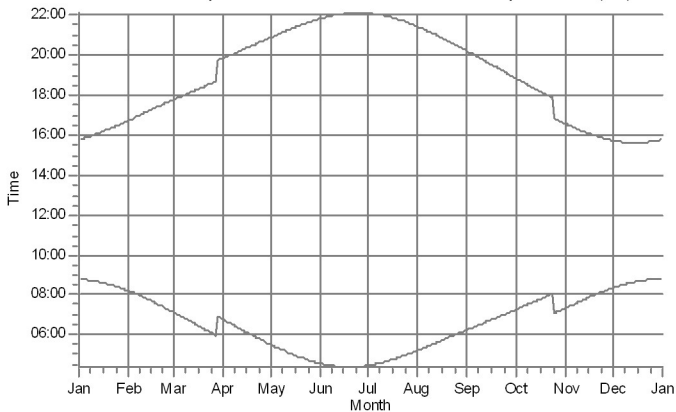
CO: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (93)



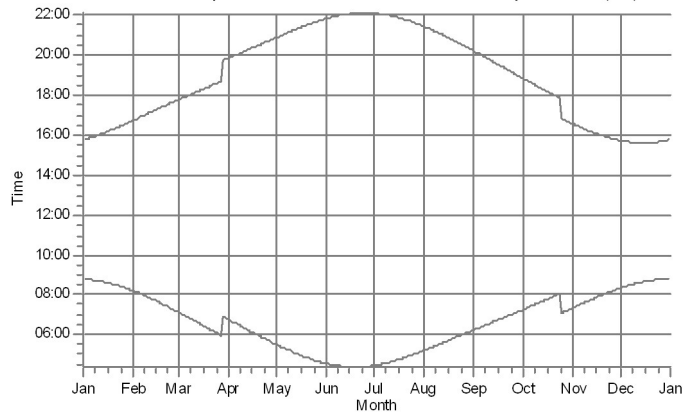
CP: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (94)



CQ: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (95)



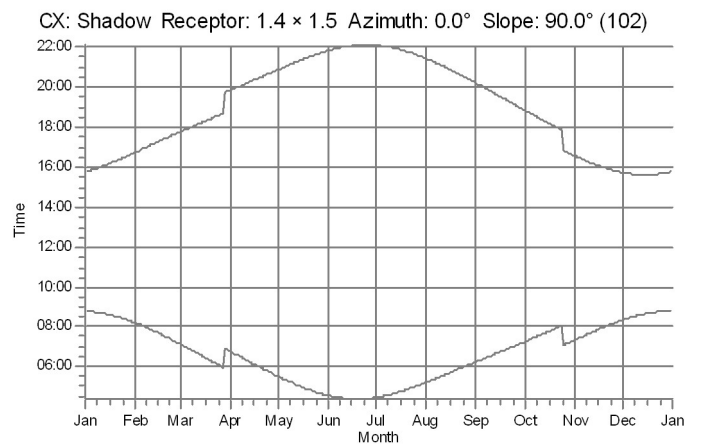
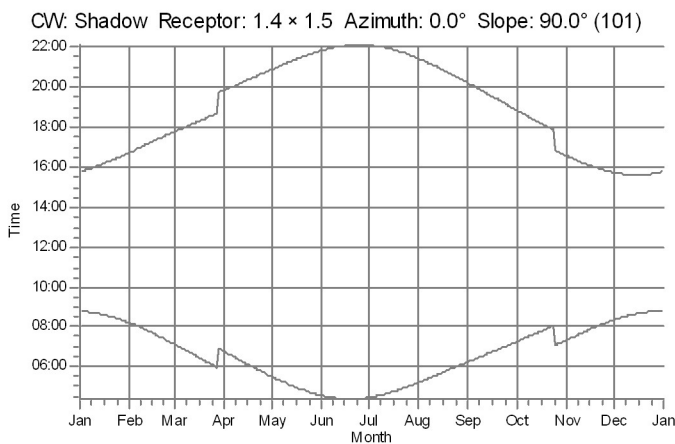
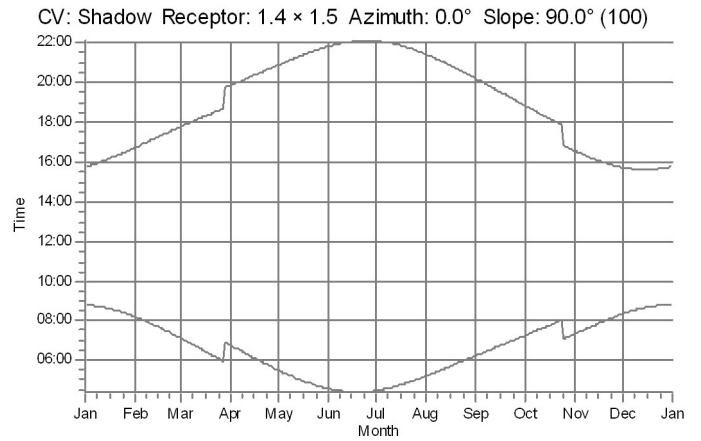
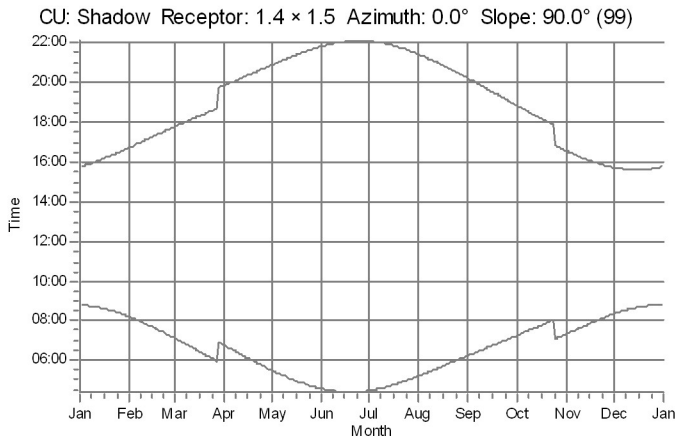
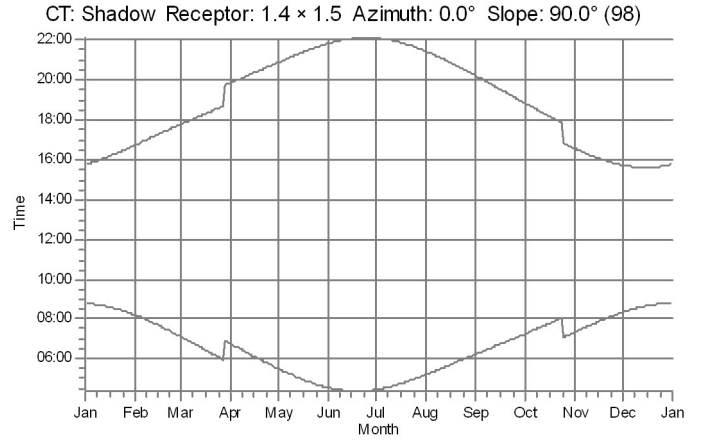
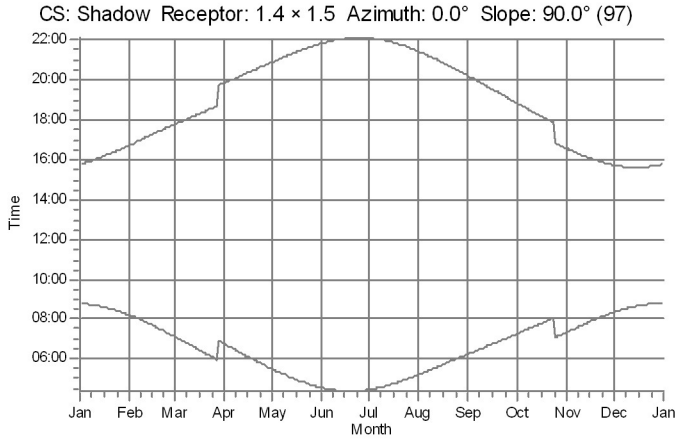
CR: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (96)



WTGs

SHADOW - Calendar, graphical

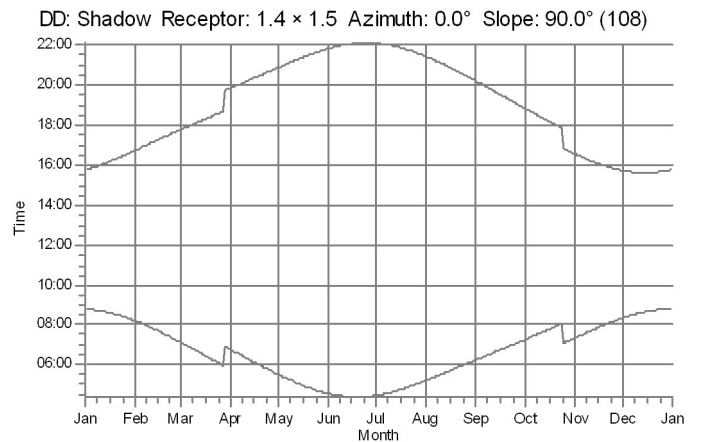
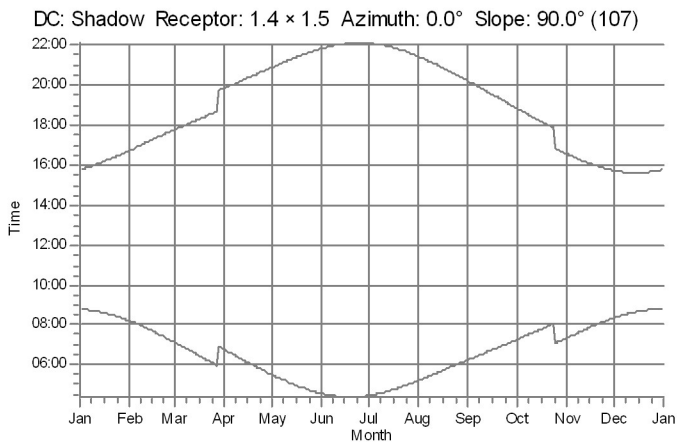
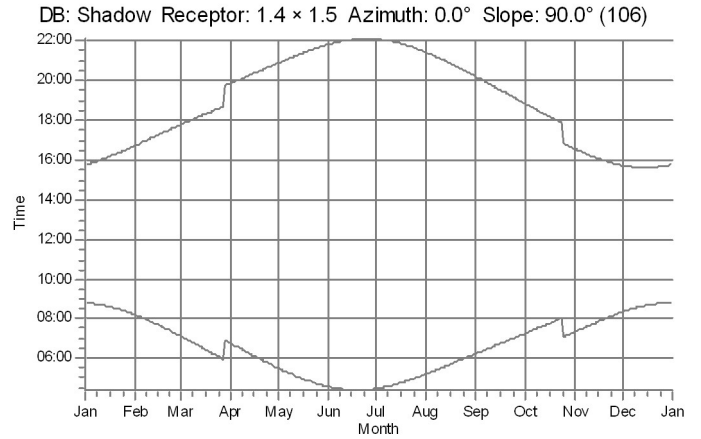
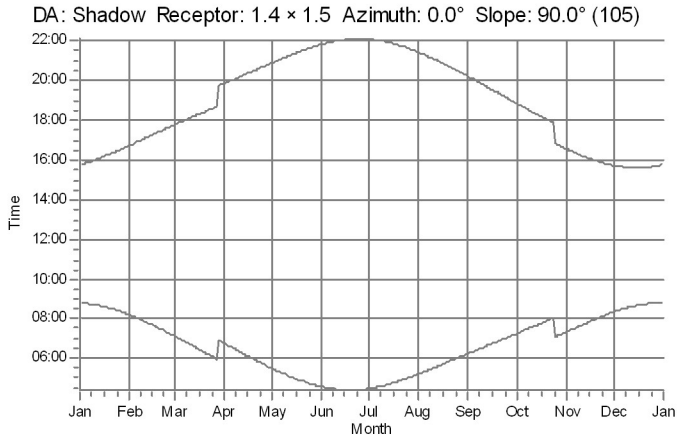
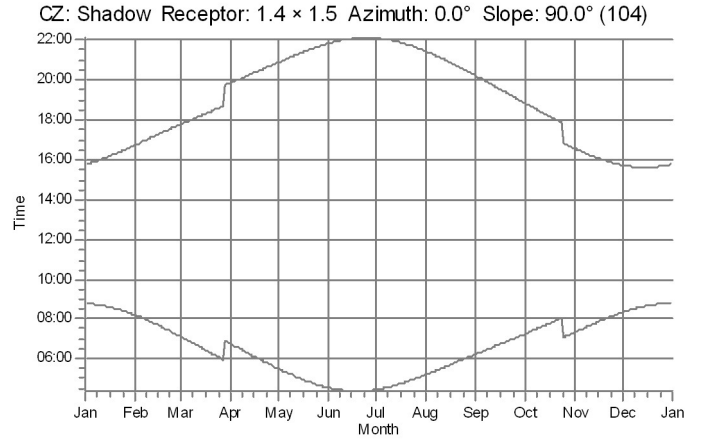
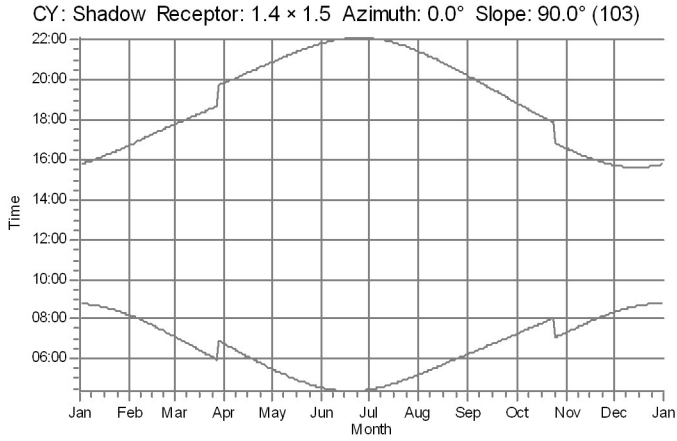
Calculation: Riebiū VES mirgòa



WTGs

SHADOW - Calendar, graphical

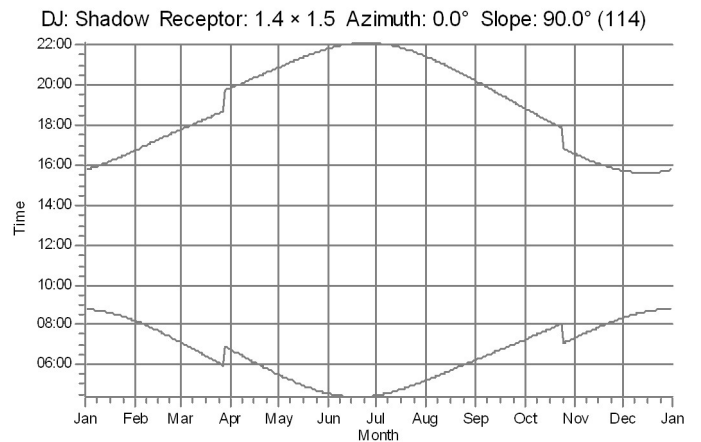
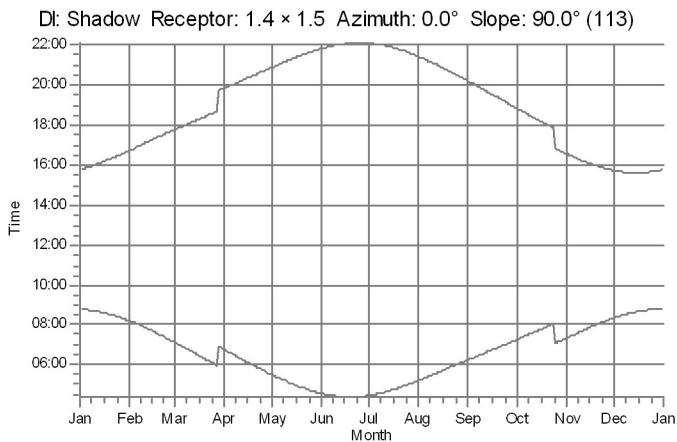
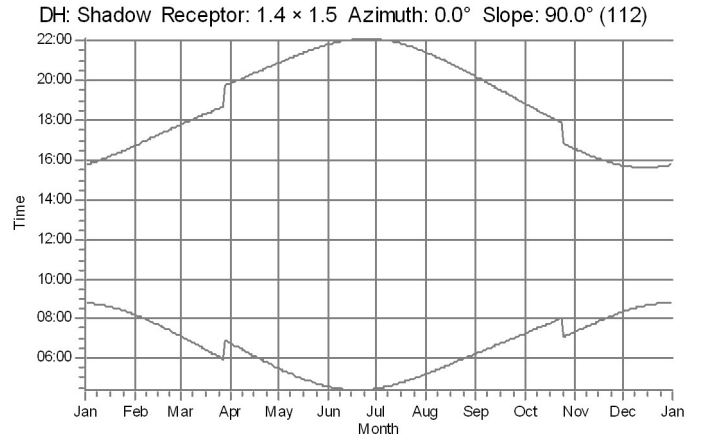
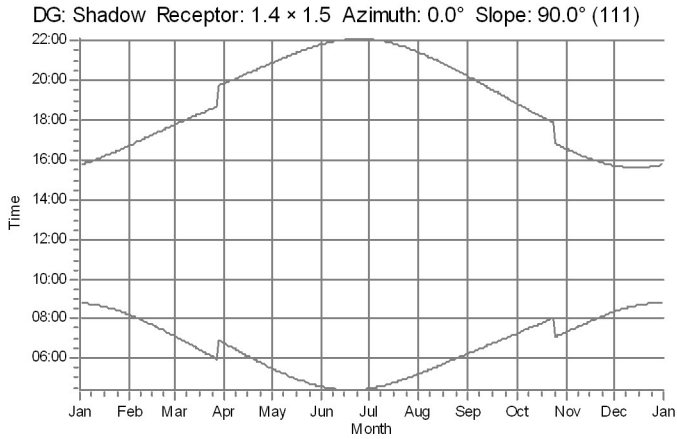
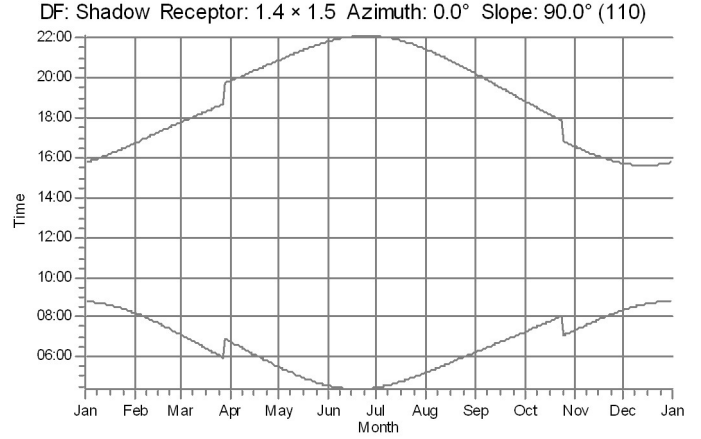
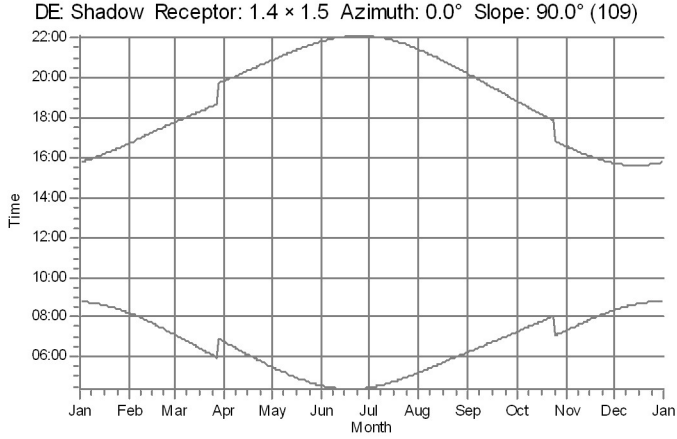
Calculation: Riebiū VES mirgoā



WTGs

SHADOW - Calendar, graphical

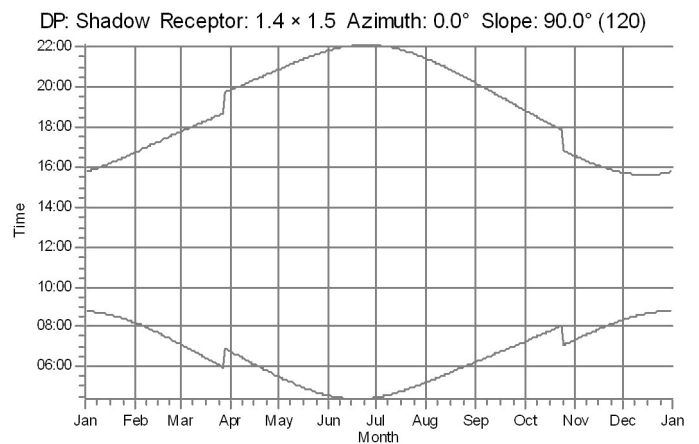
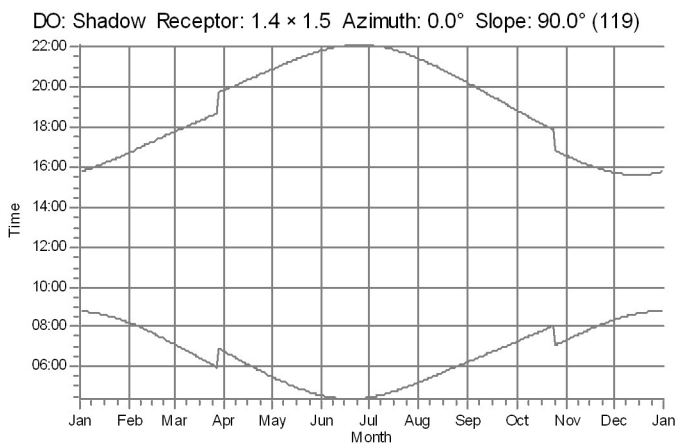
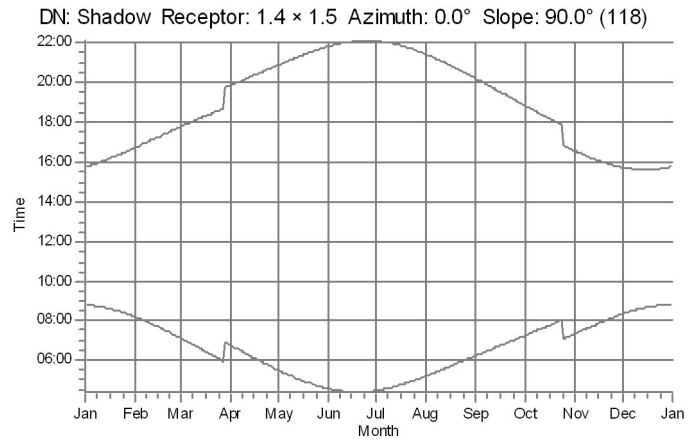
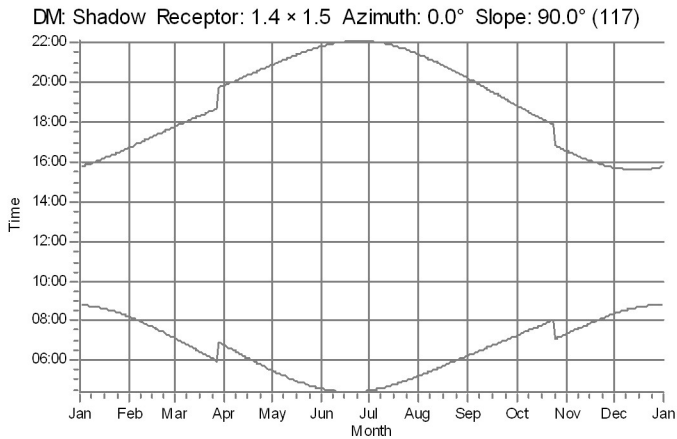
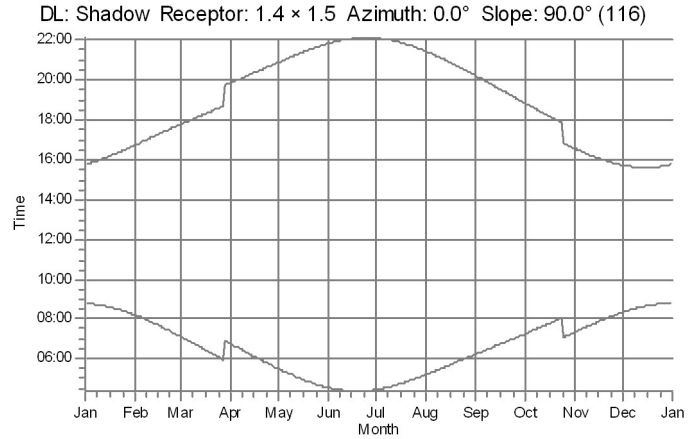
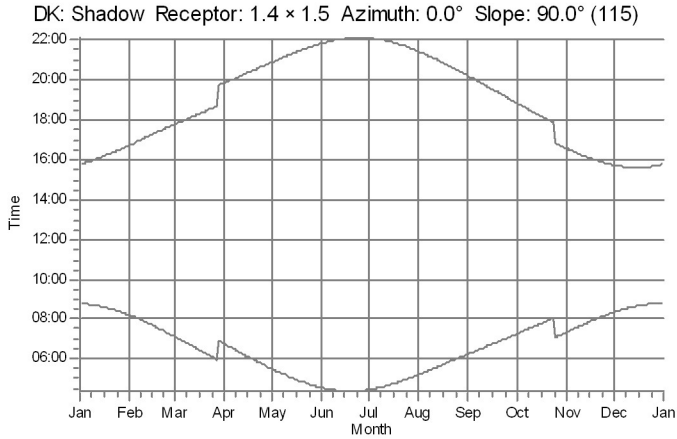
Calculation: Riebiū VES mirgoā



WTGs

SHADOW - Calendar, graphical

Calculation: Riebiūu VES mirgoāa

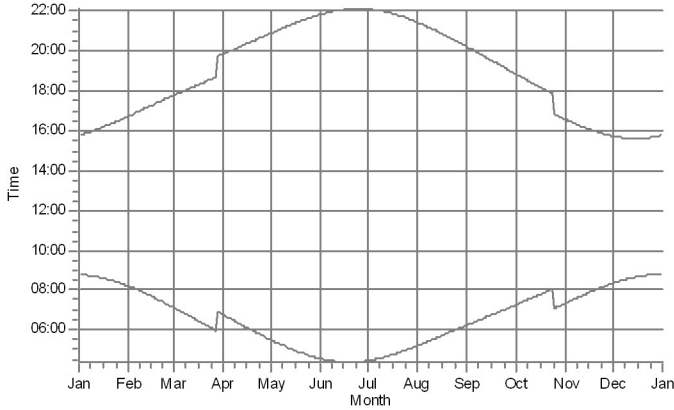


WTGs

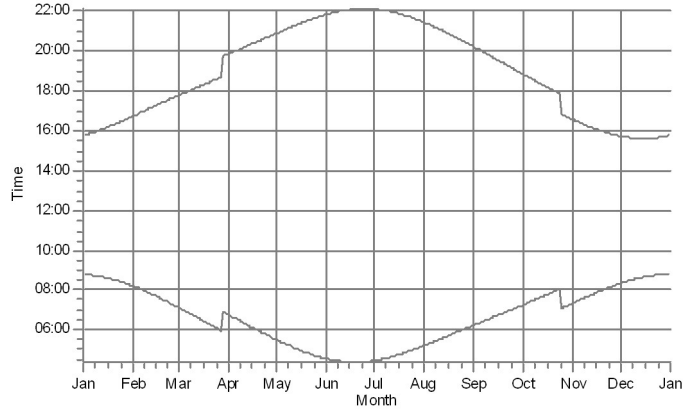
SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

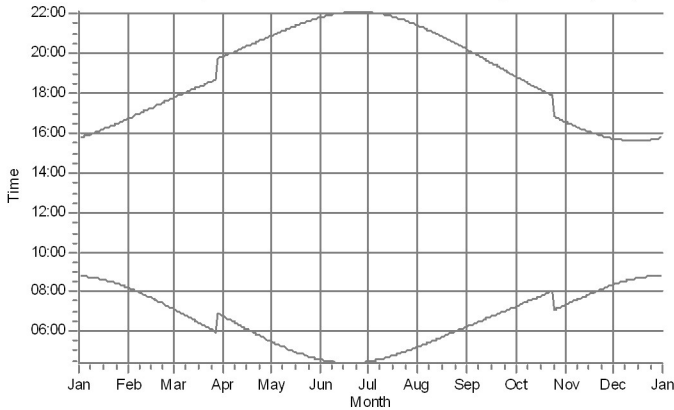
DQ: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (121)



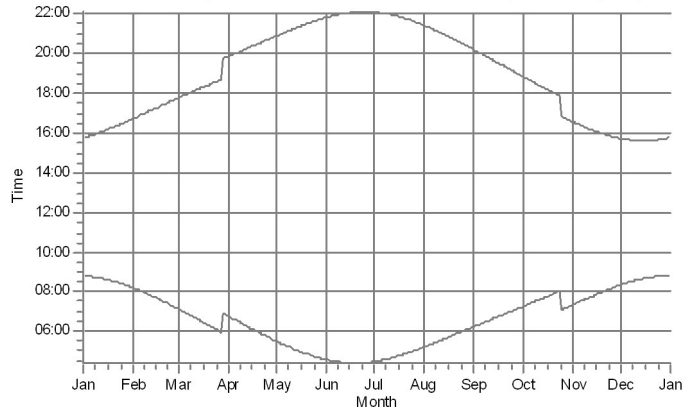
DR: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (122)



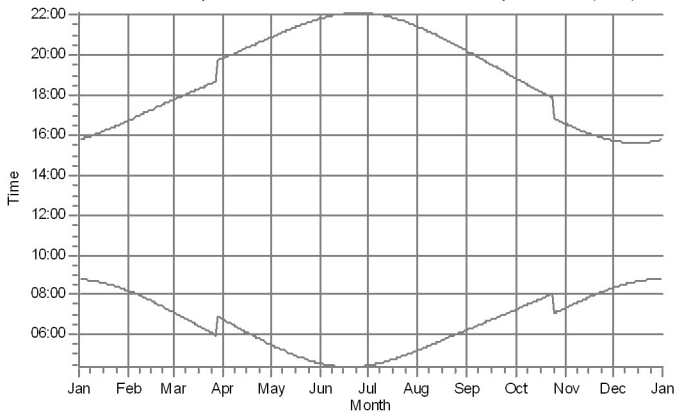
DS: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (123)



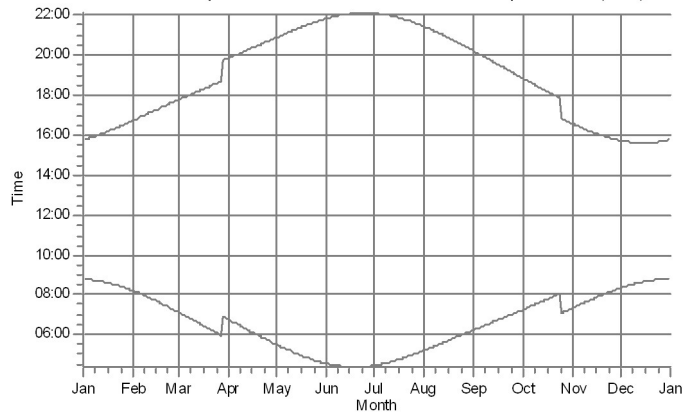
DT: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (124)



DU: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (125)



DV: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (126)

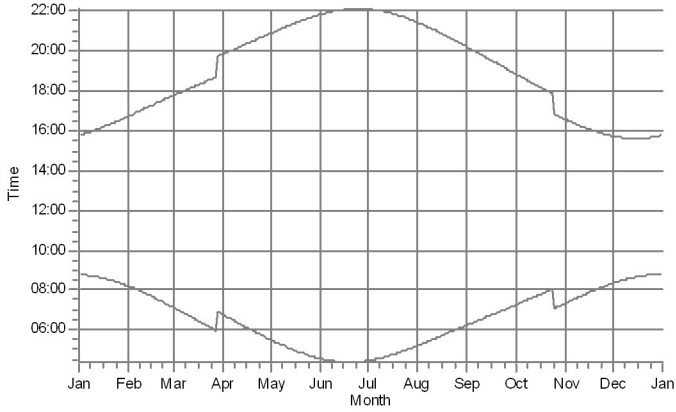


WTGs

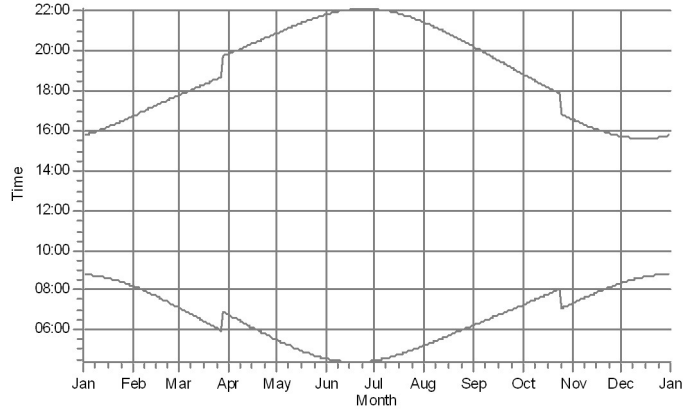
SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgòa

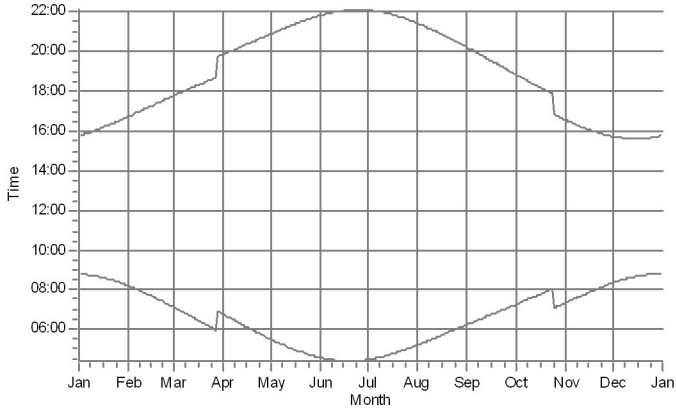
DW: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (127)



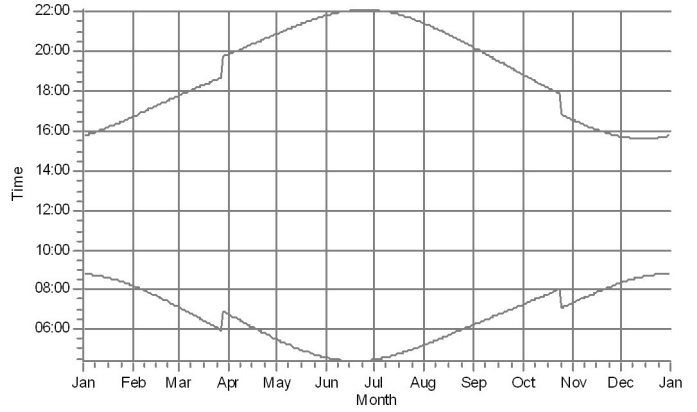
DX: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (128)



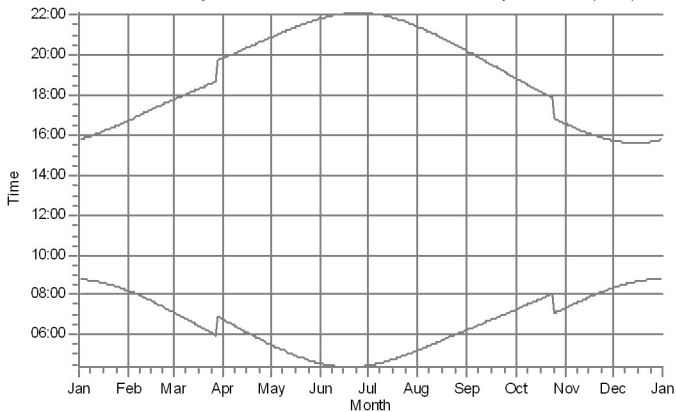
DY: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (129)



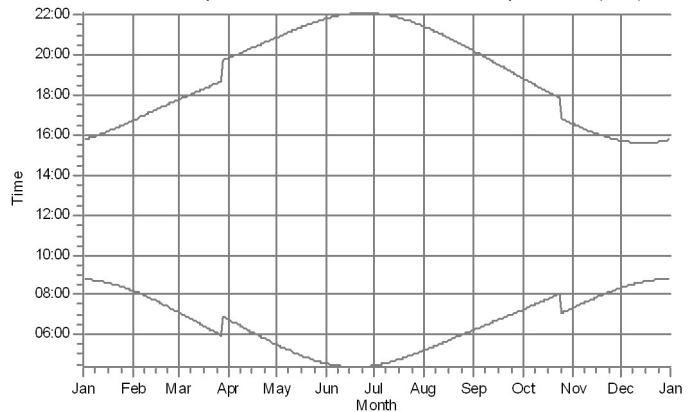
DZ: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (130)



EA: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (131)



EB: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (132)

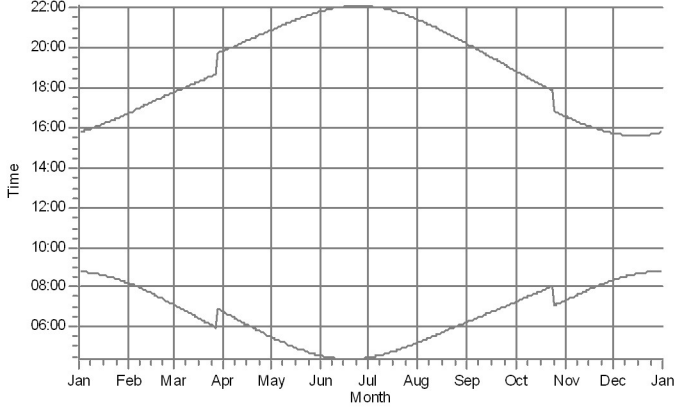


WTGs

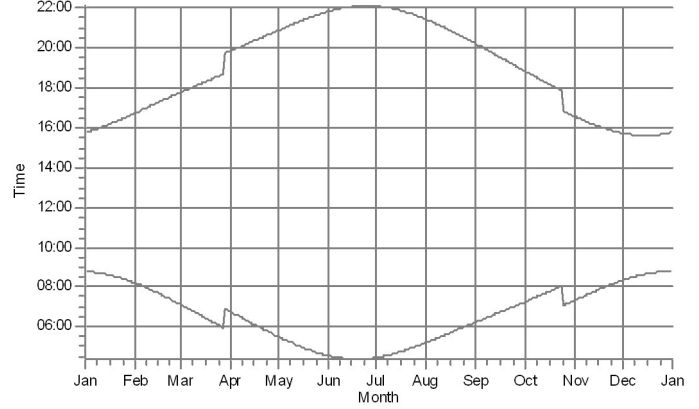
SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

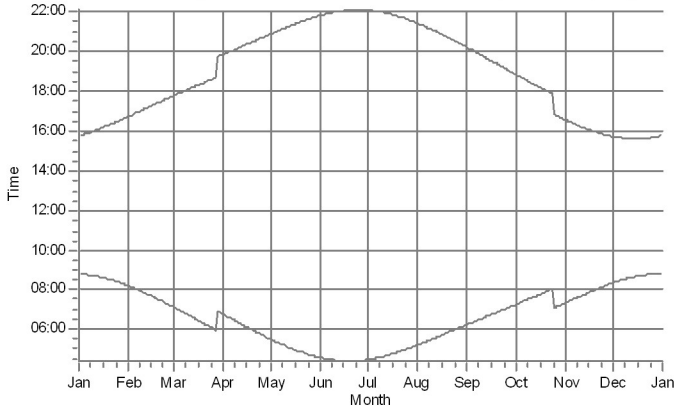
EC: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (133)



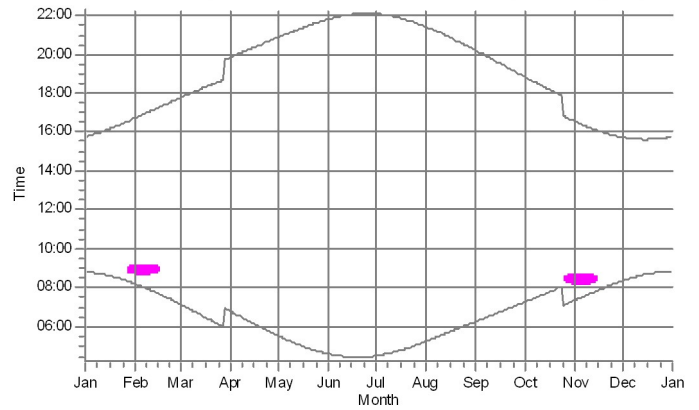
ED: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (134)



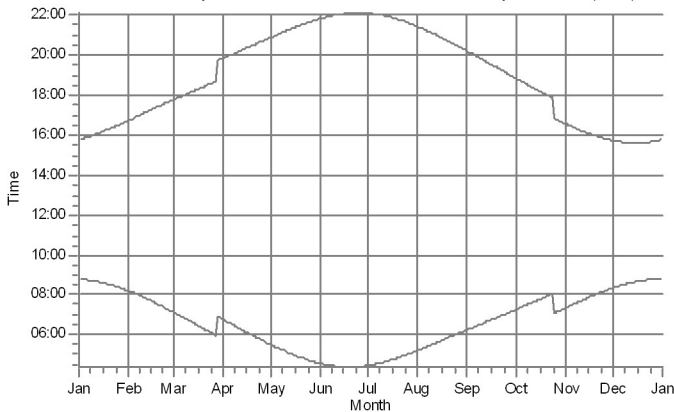
EE: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (135)



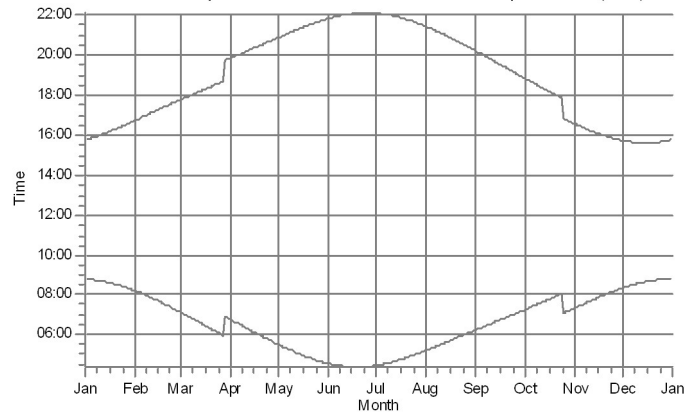
EF: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (136)



EG: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (137)



EH: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (138)

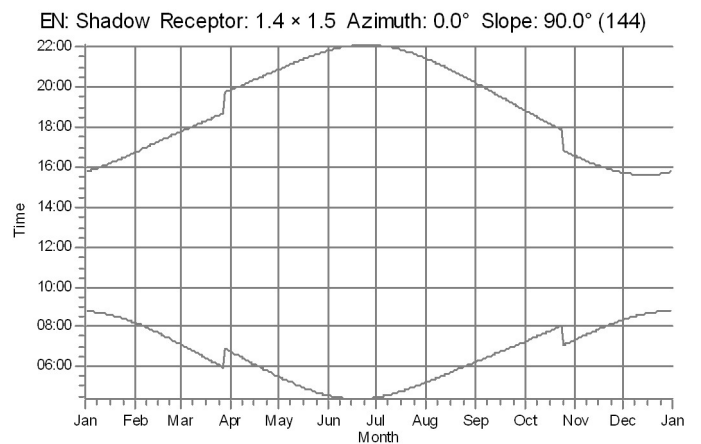
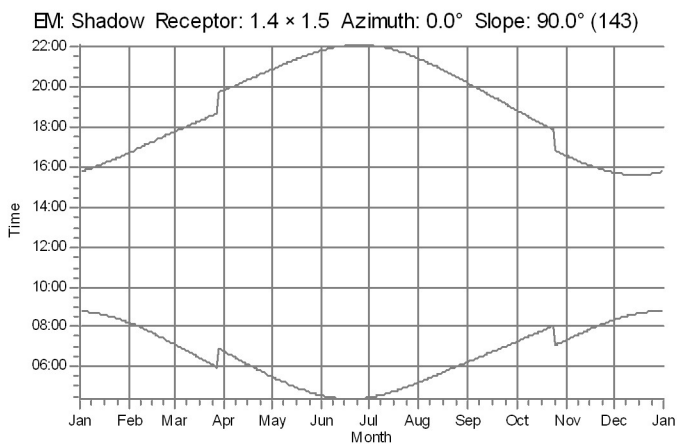
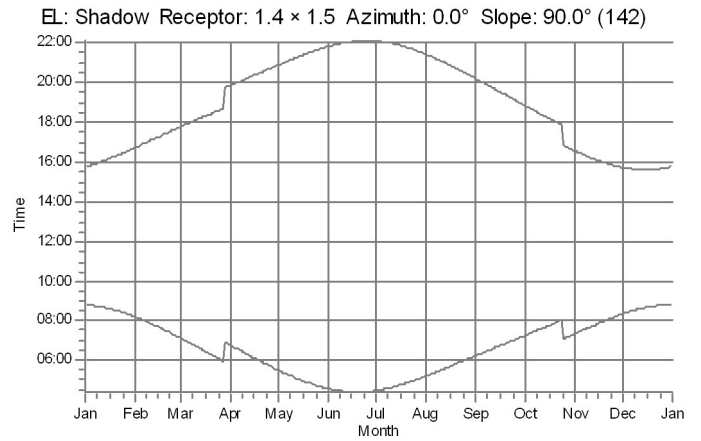
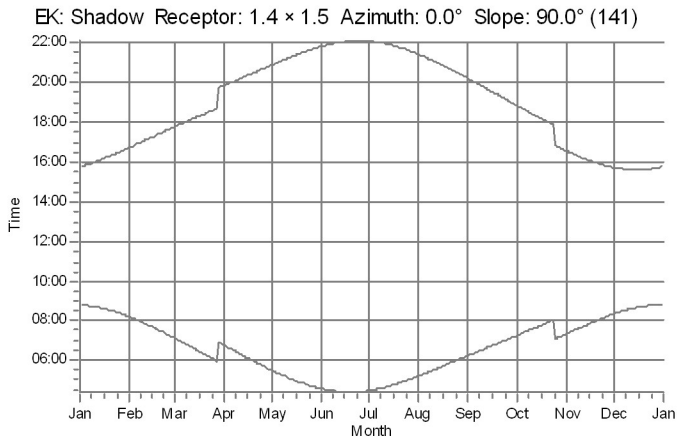
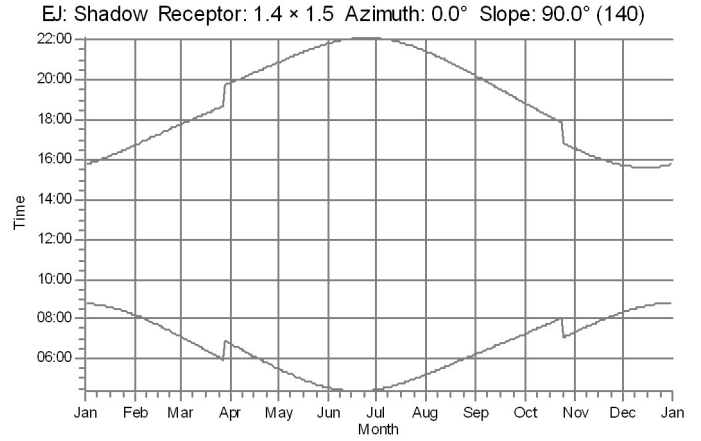
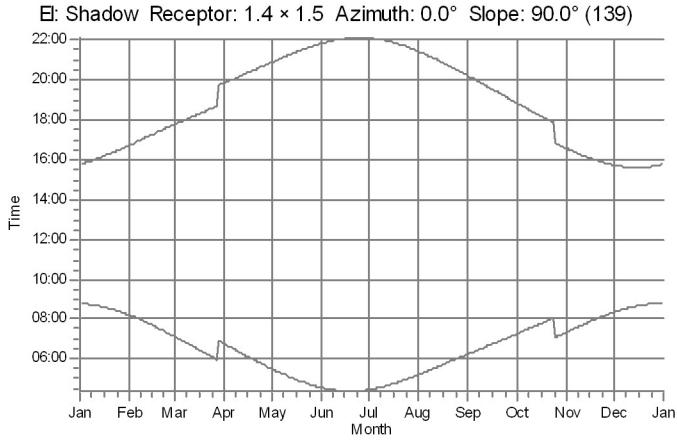


WTGs

5: ENERCON E-175 EP5 6000 175.0 IO! hub: 162.0 m (TOT: 249.5 m) (31)

SHADOW - Calendar, graphical

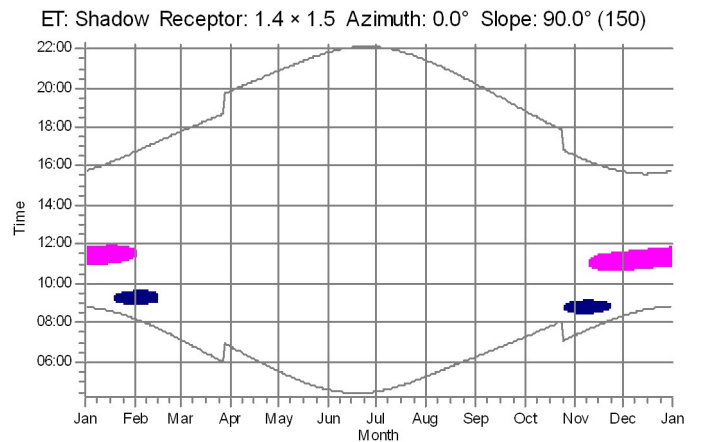
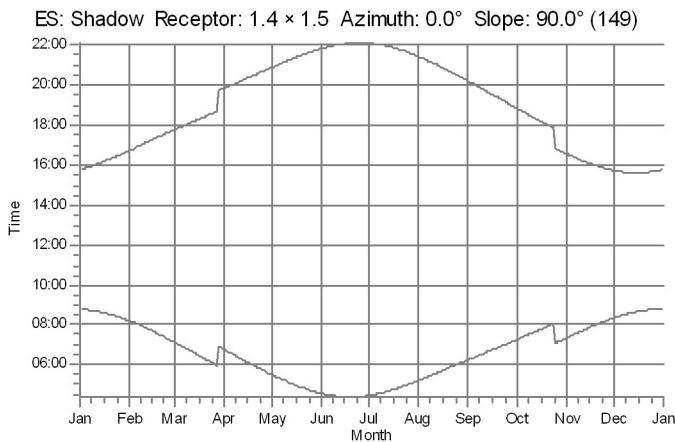
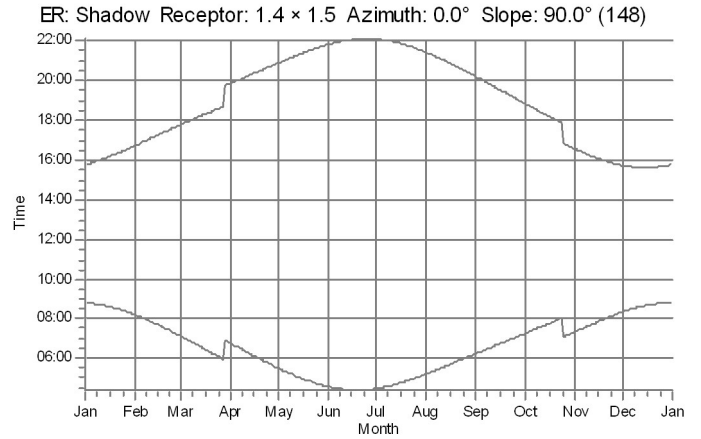
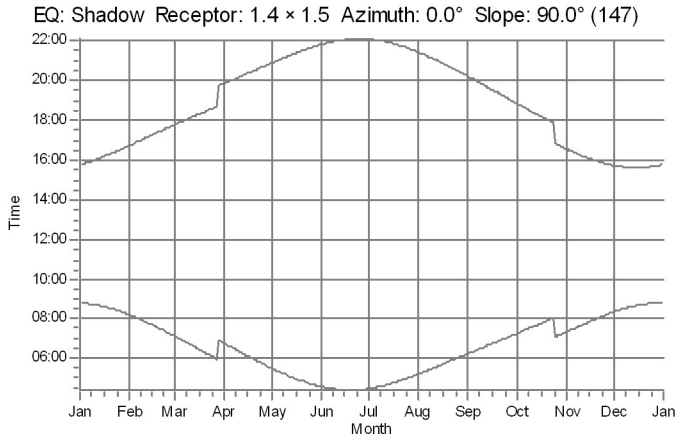
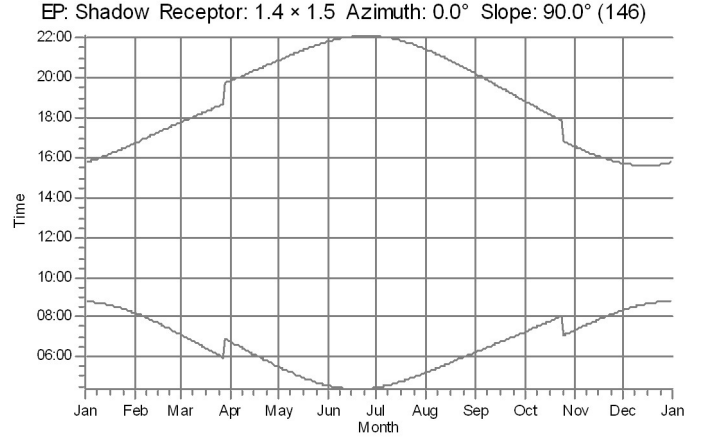
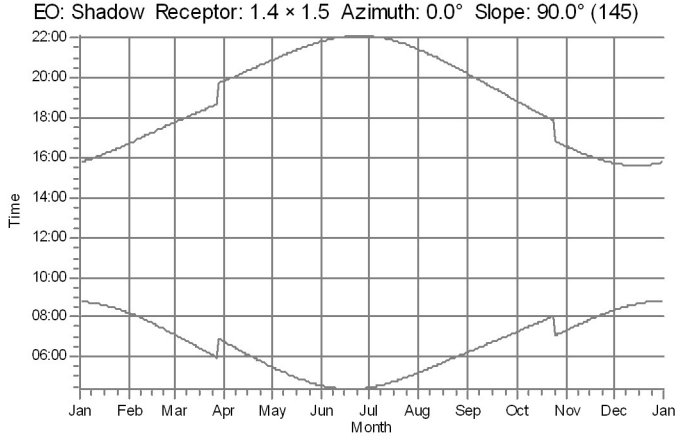
Calculation: Riebiņu VES mirgōa



WTGs

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā



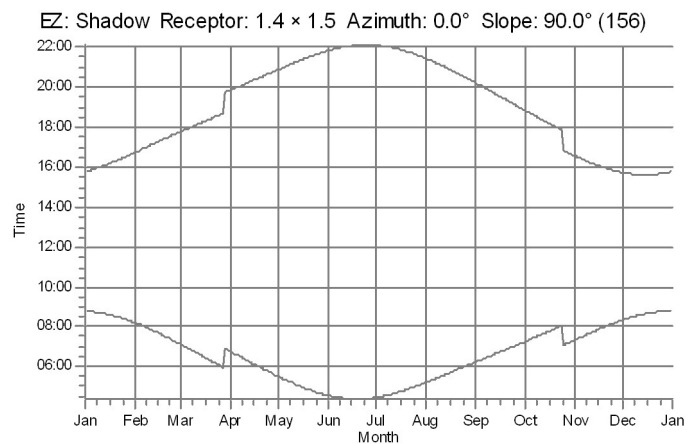
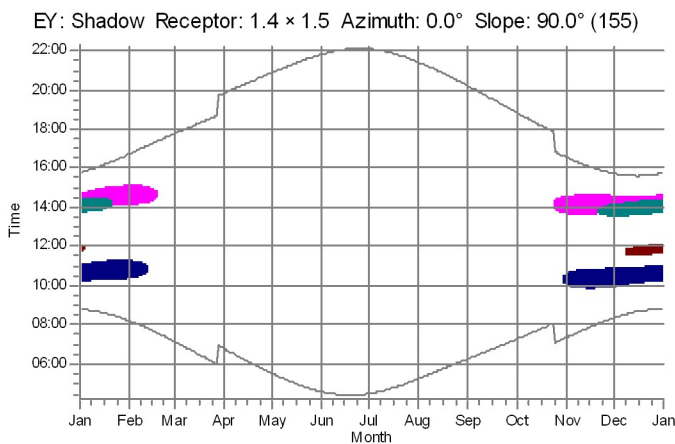
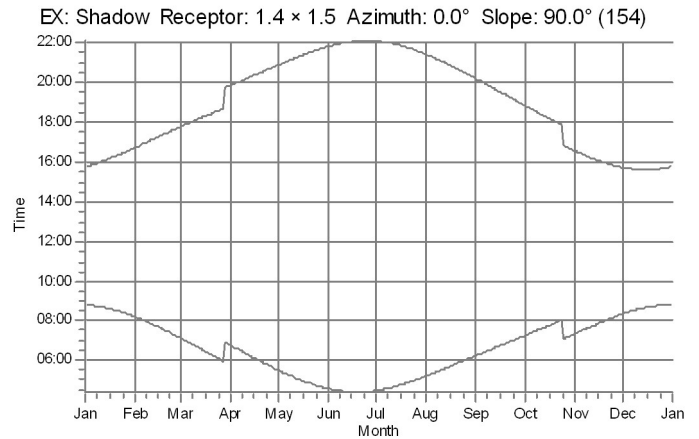
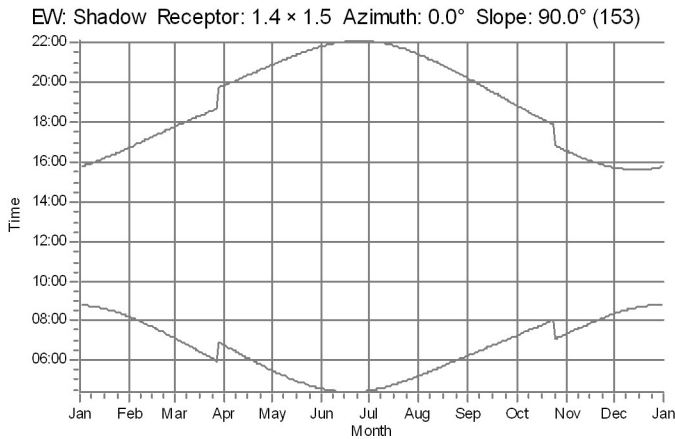
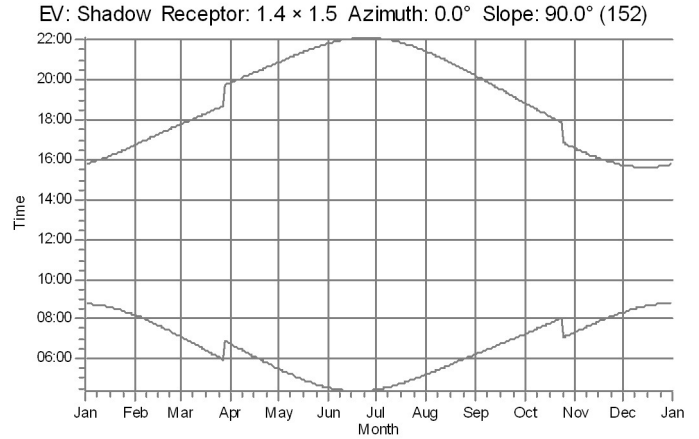
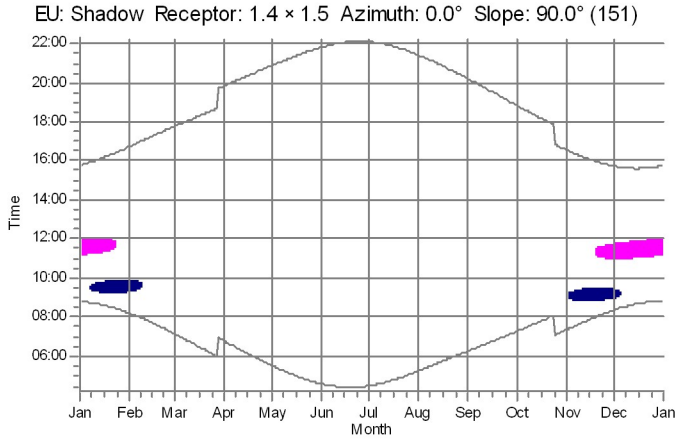
WTGs

5: ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31)

7: ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31)

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā



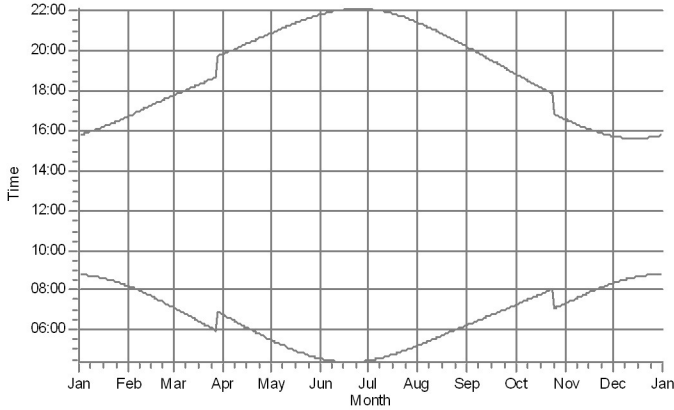
WTGs

- 5: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (31)
- 6: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (31)
- 7: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (31)
- 8: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (31)

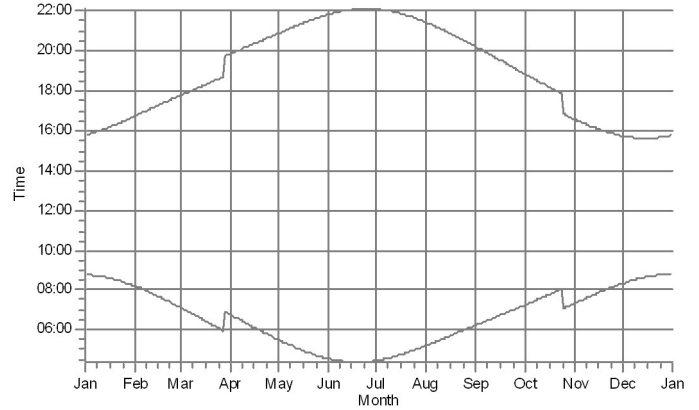
SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgòa

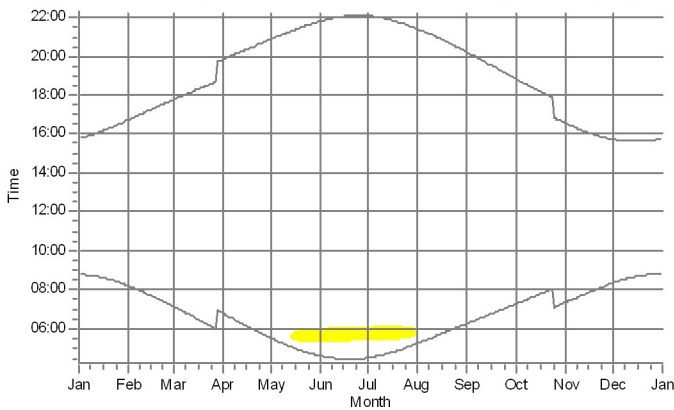
FA: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (157)



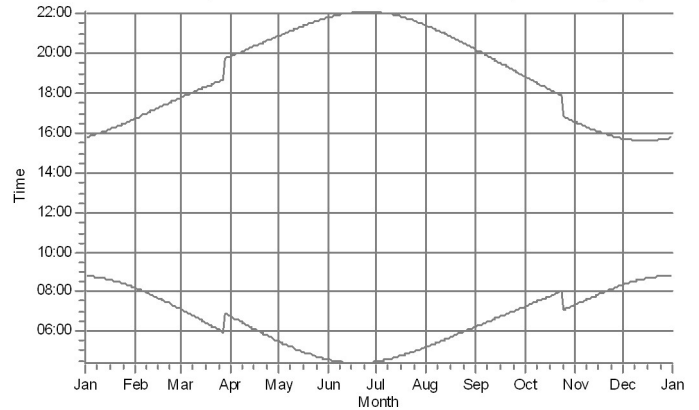
FB: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (158)



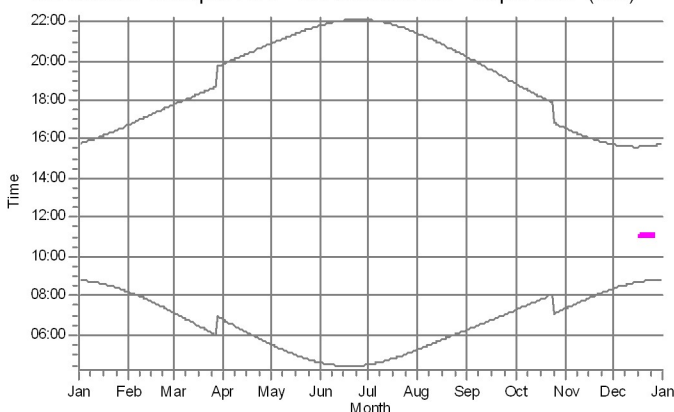
FC: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (159)



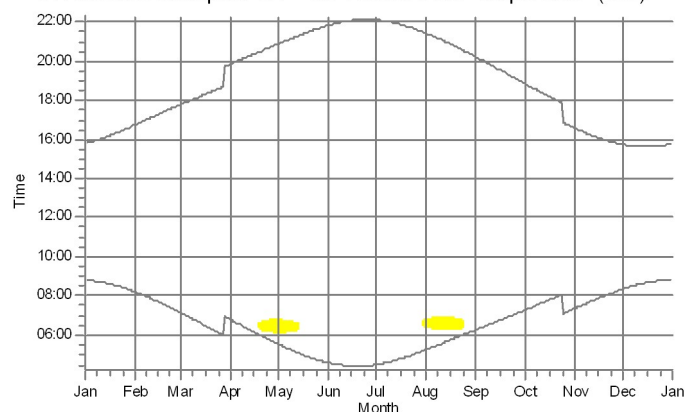
FD: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (160)



FE: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (161)



FF: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (162)



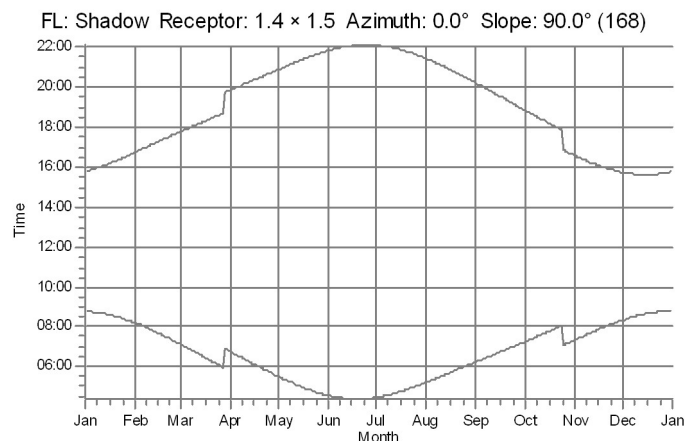
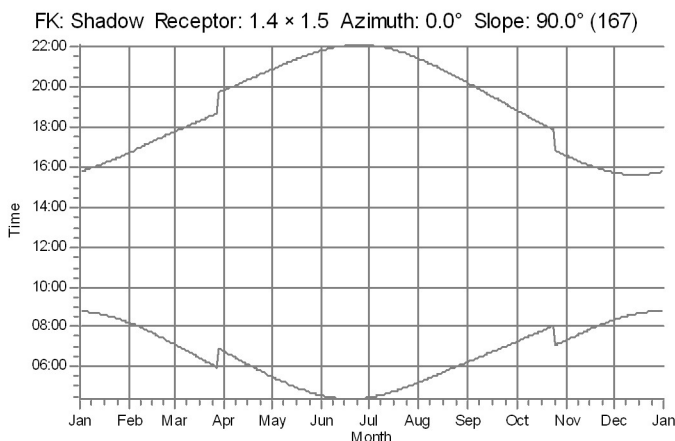
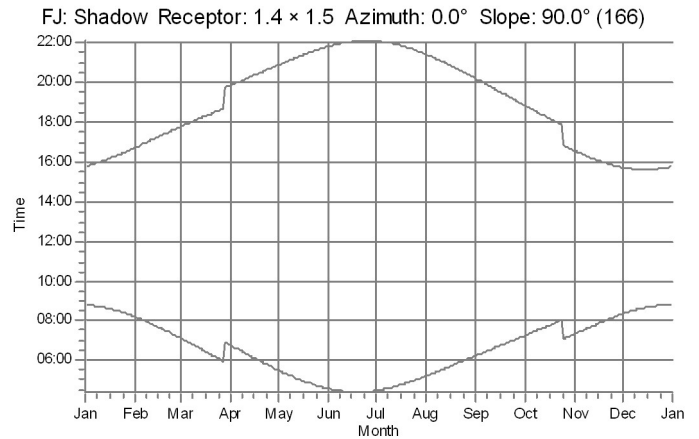
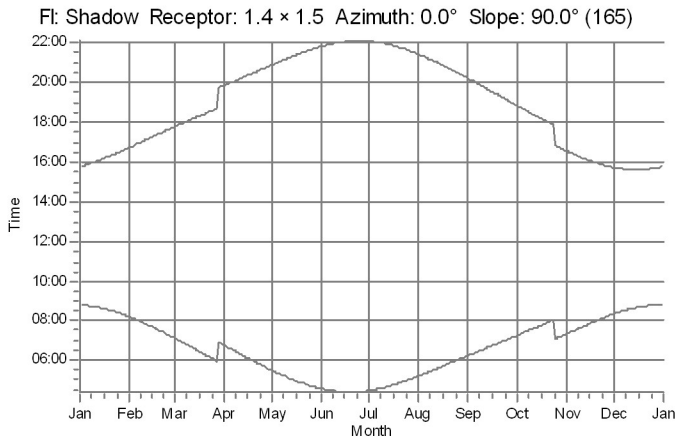
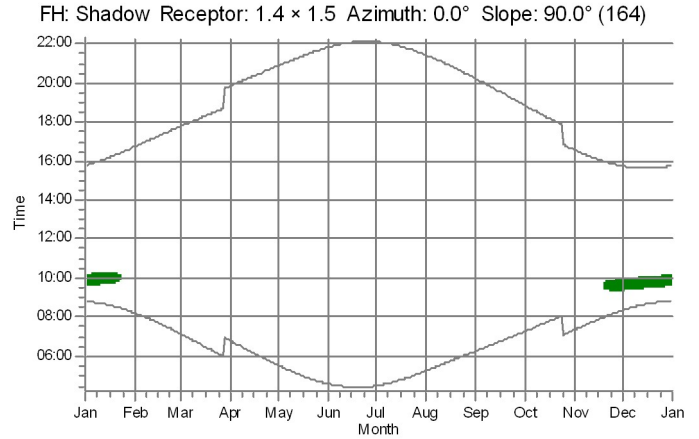
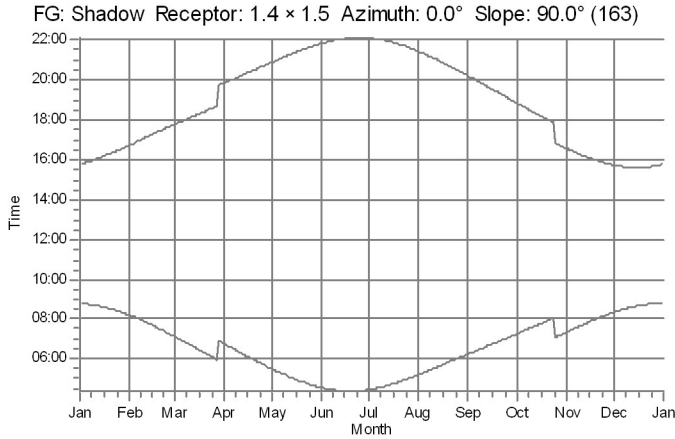
WTGs

2: ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30

5: ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

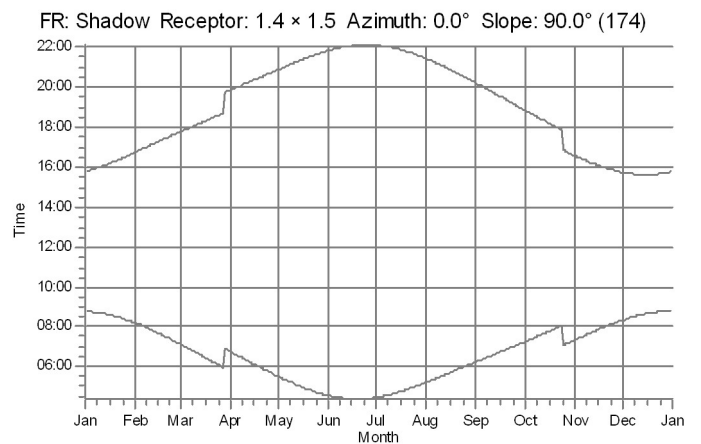
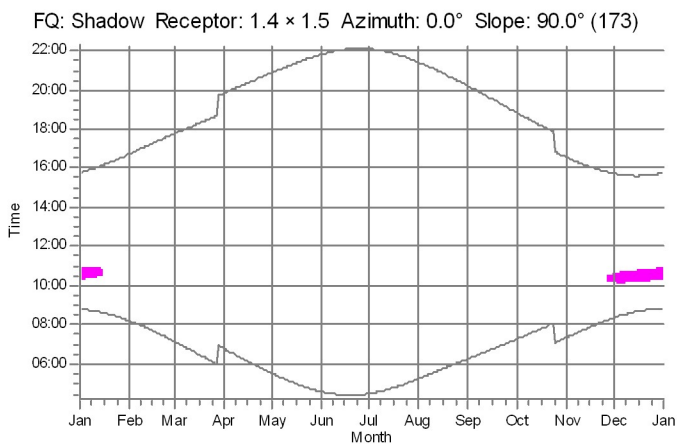
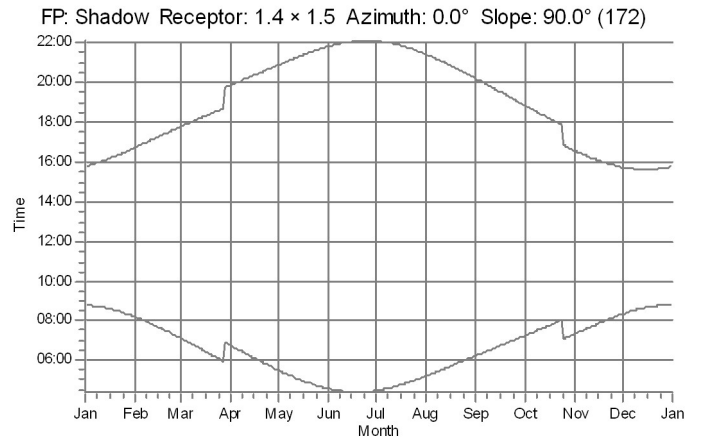
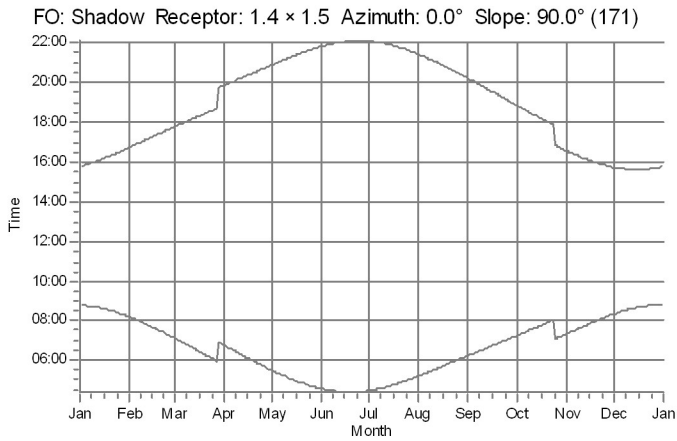
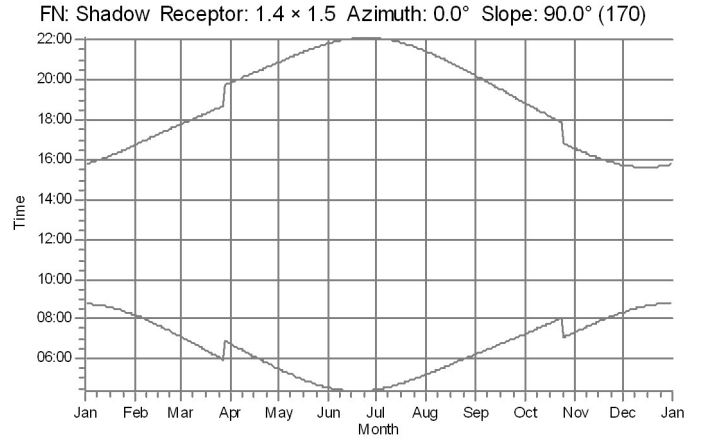
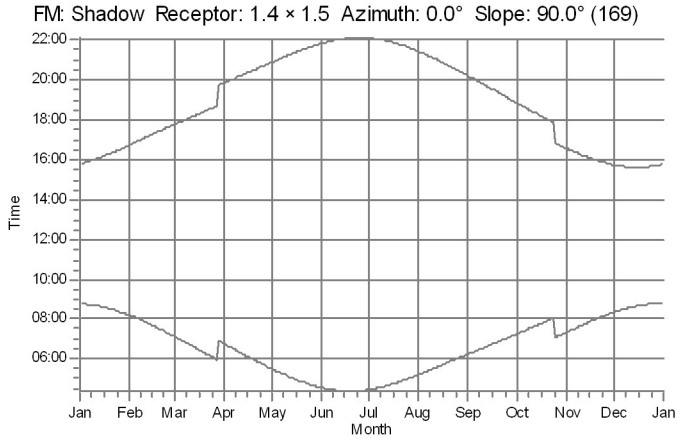


WTGs

1: ENERCON E-175 EP5 6000 175.0 IO! hub: 162.0 m (TOT: 249.5 m) (30)

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

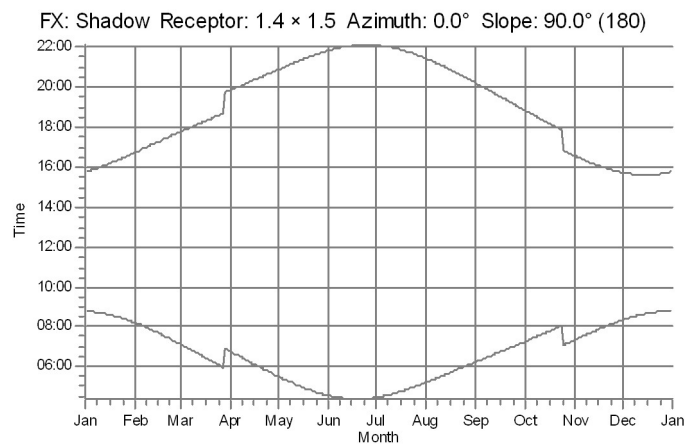
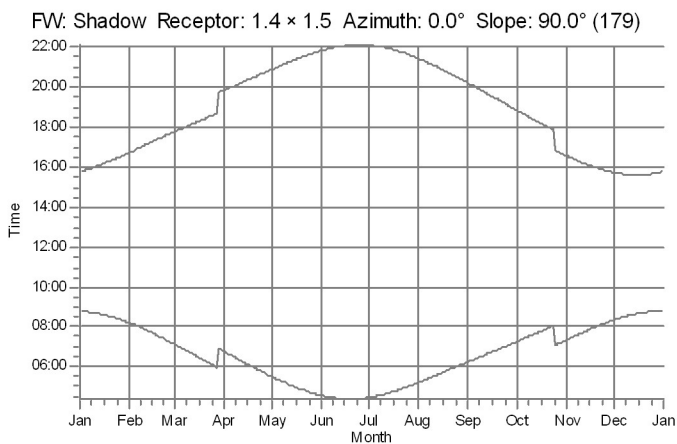
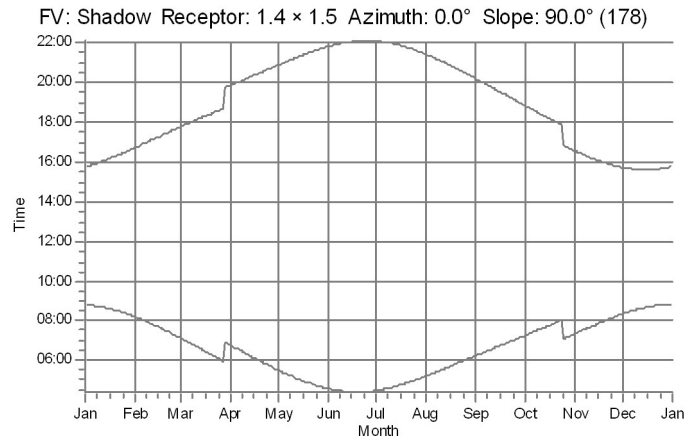
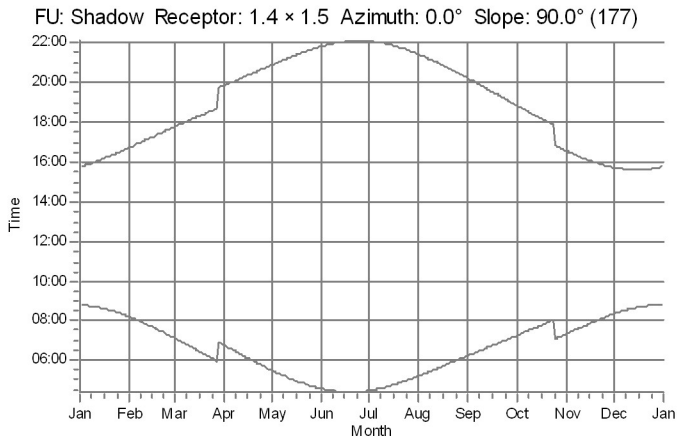
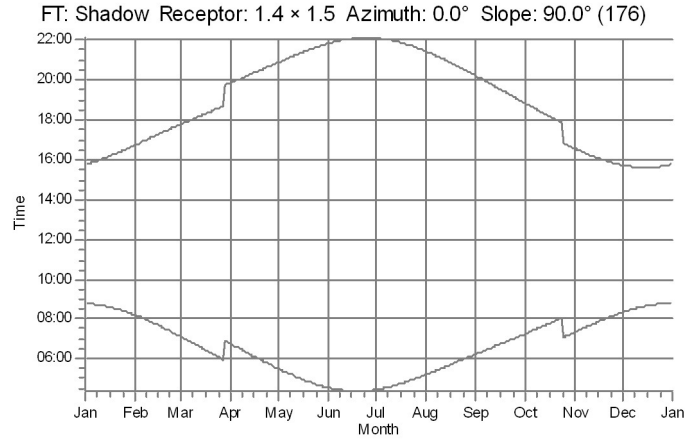
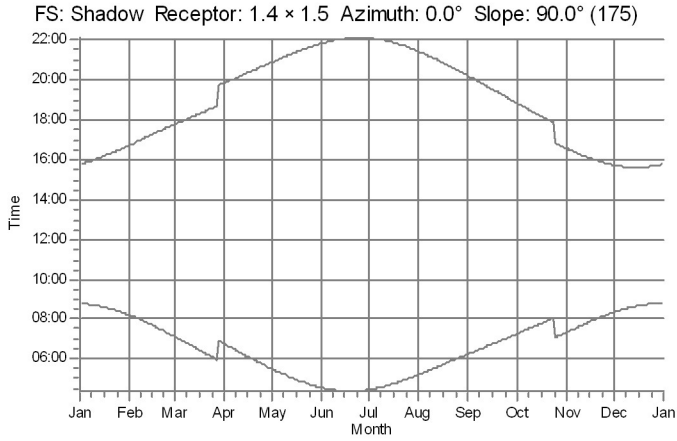


WTGs

5: ENERCON E-175 EP5 6000 175.0 IO! hub: 162.0 m (TOT: 249.5 m) (31)

SHADOW - Calendar, graphical

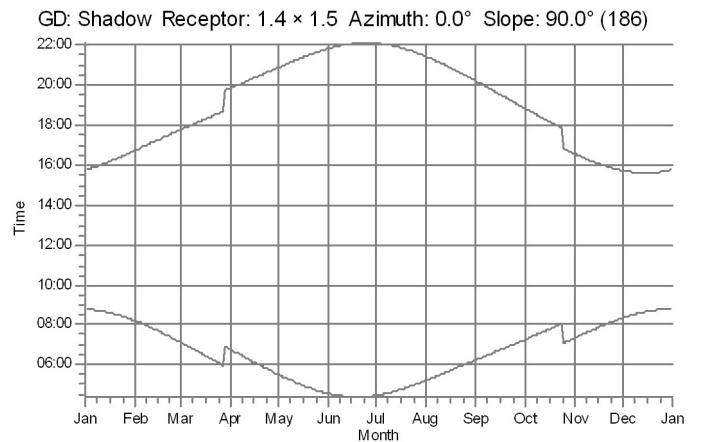
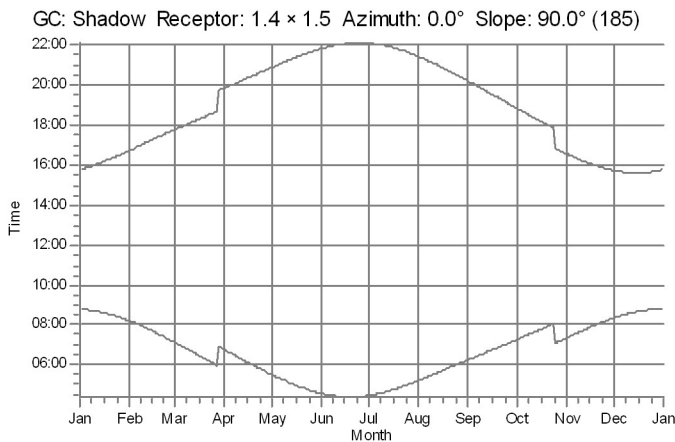
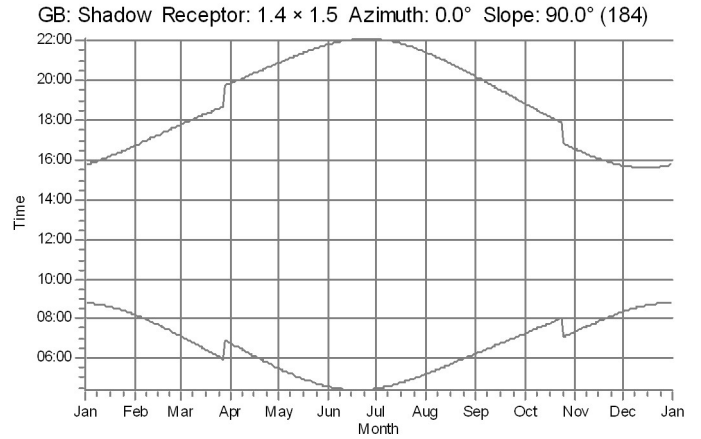
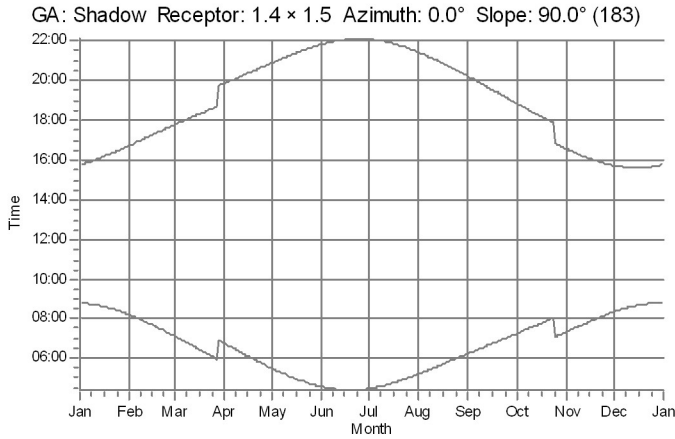
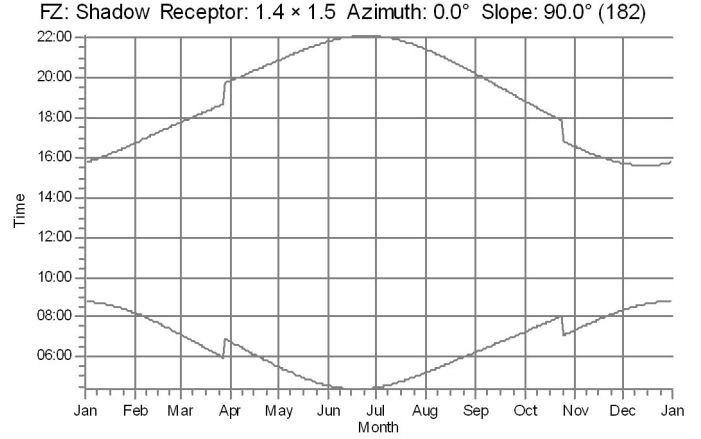
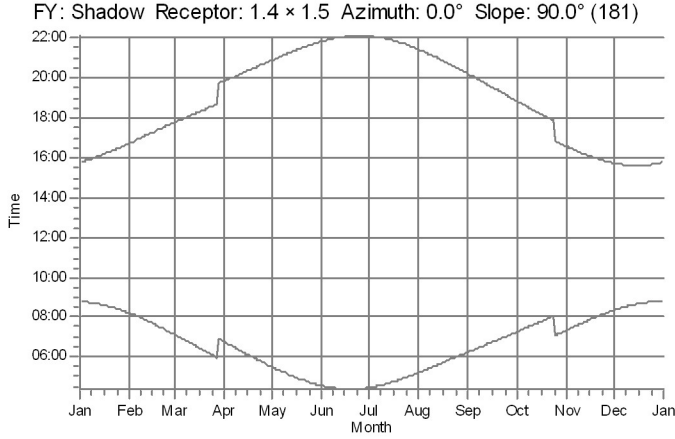
Calculation: Riebiū VES mirgoā



WTGs

SHADOW - Calendar, graphical

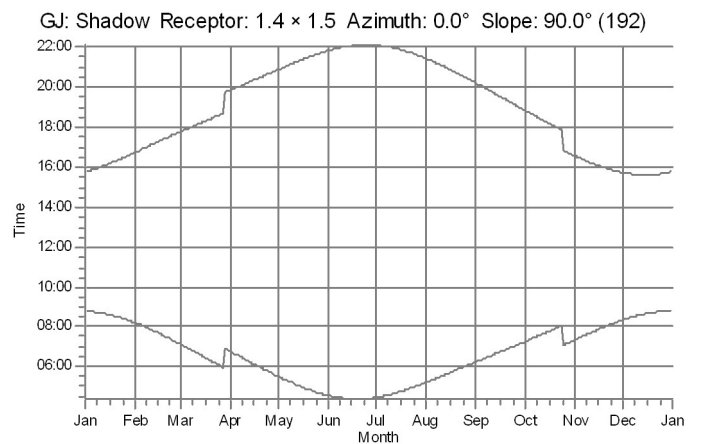
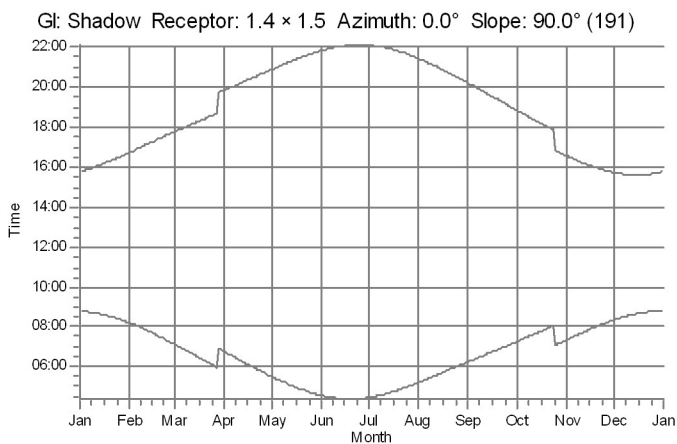
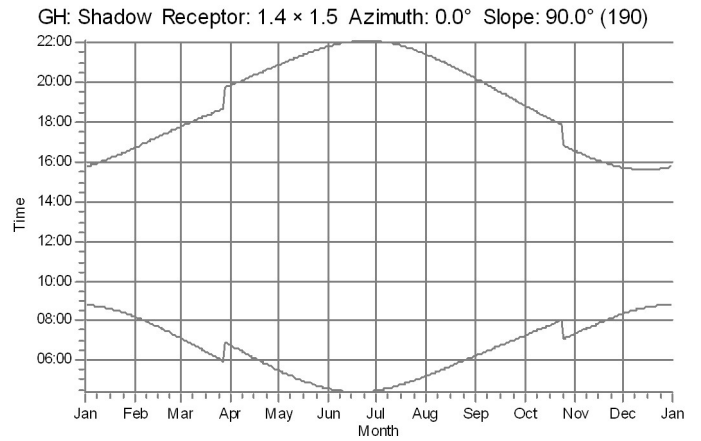
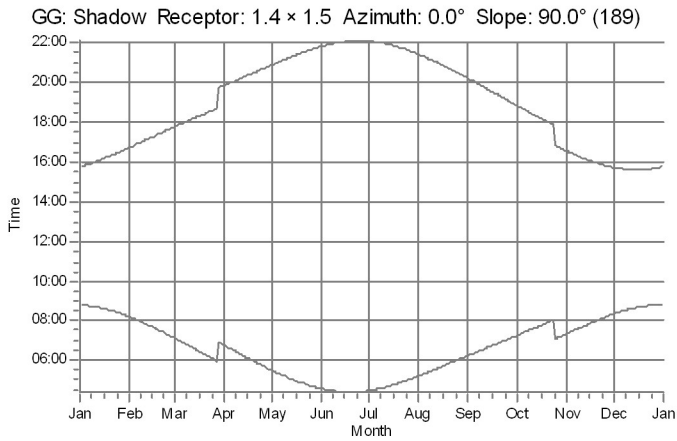
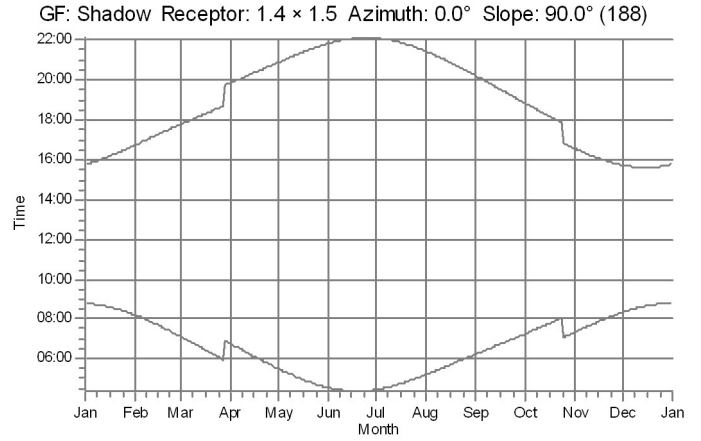
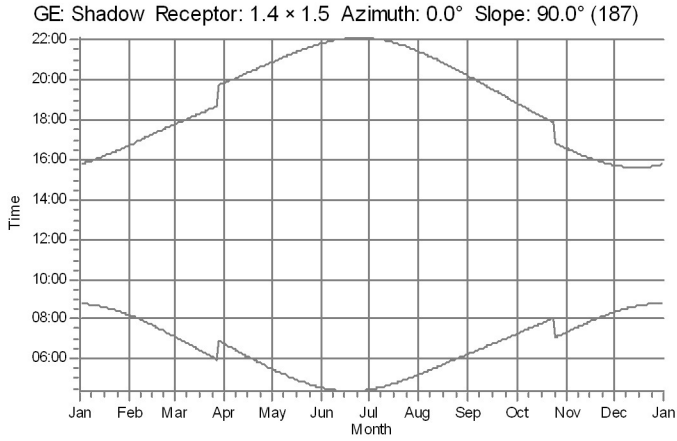
Calculation: Riebiū VES mirgoā



WTGs

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoāa

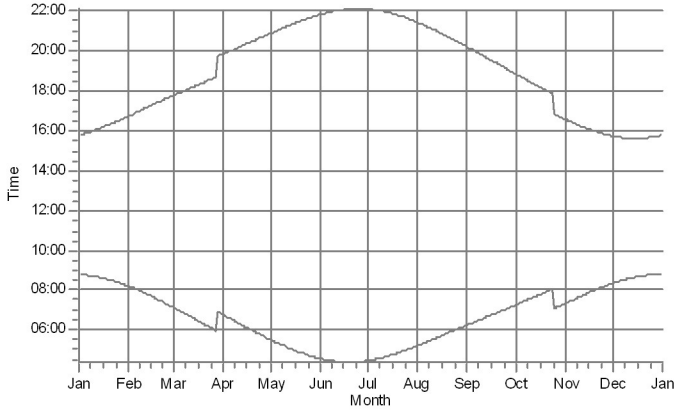


WTGs

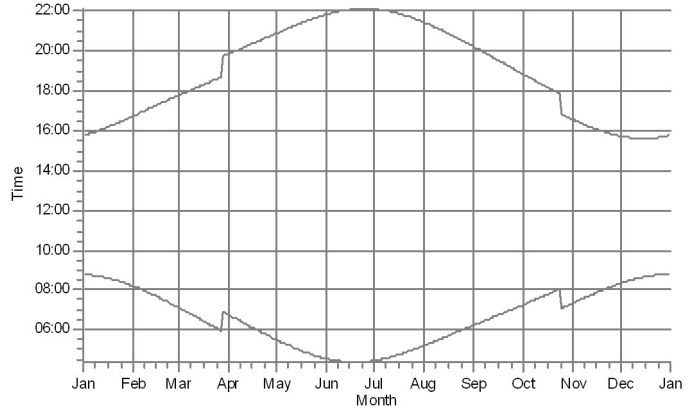
SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

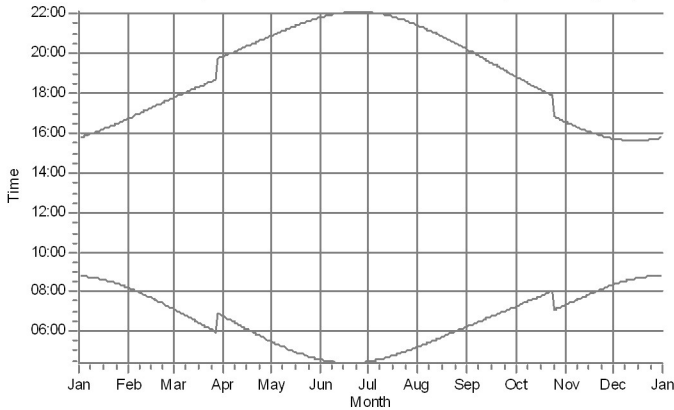
GK: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (193)



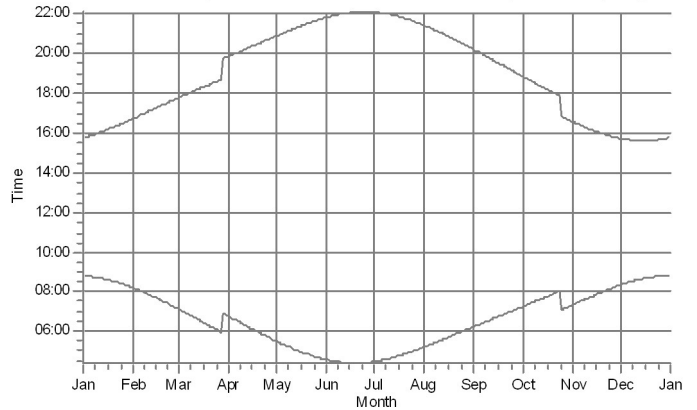
GL: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (194)



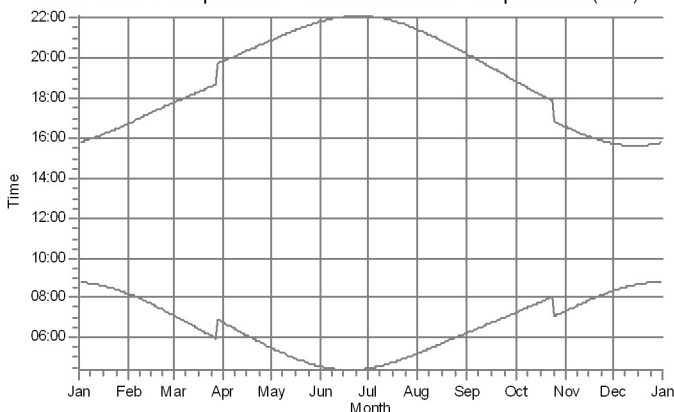
GM: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (195)



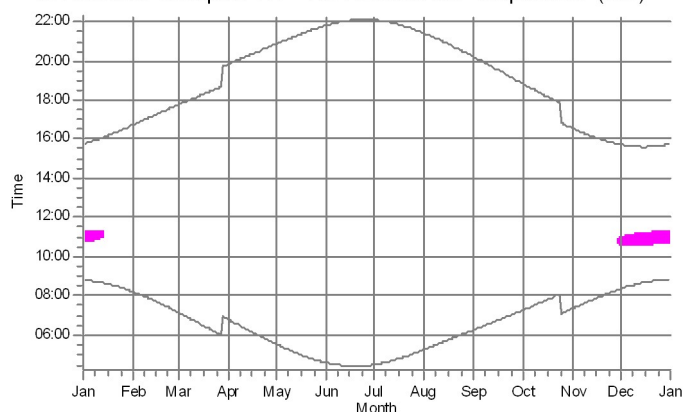
GN: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (196)



GO: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (197)



GP: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (198)

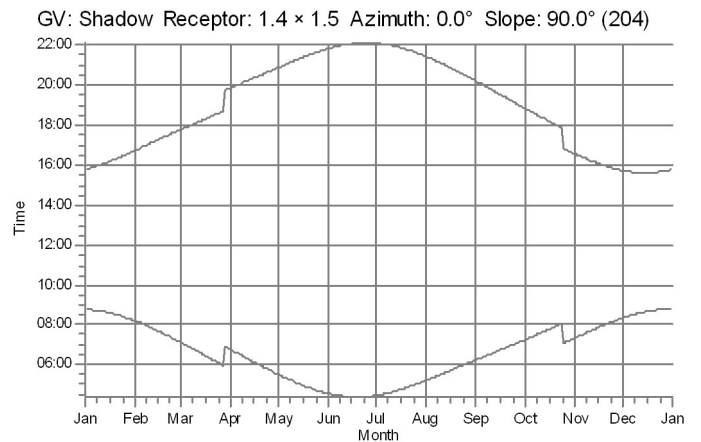
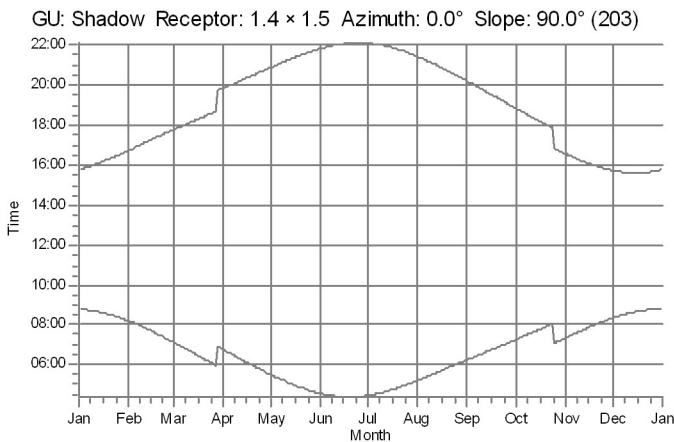
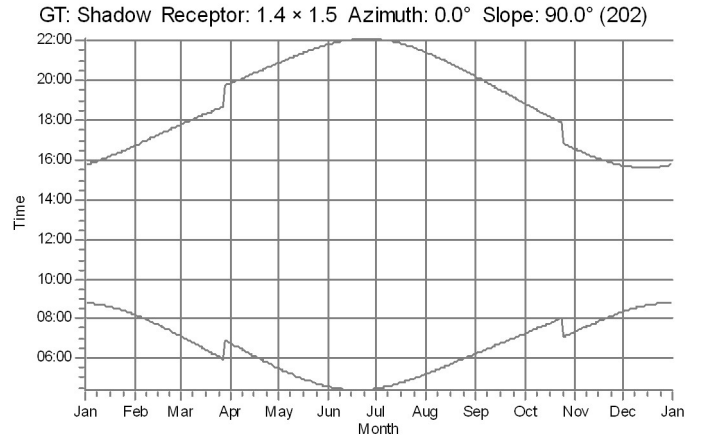
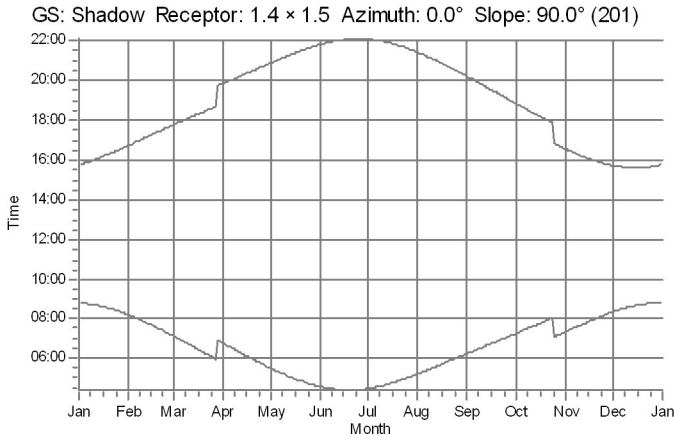
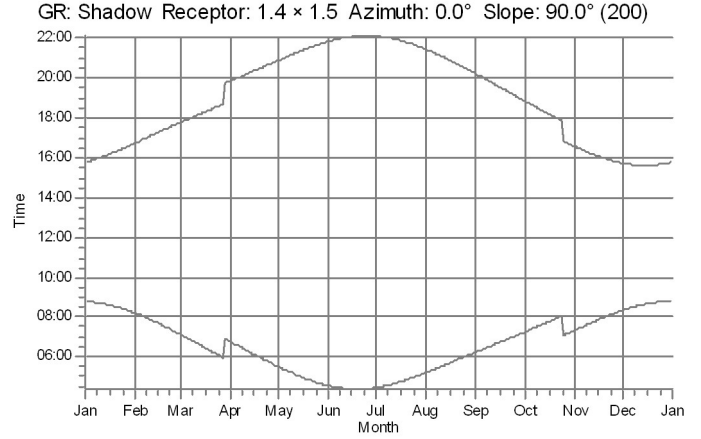
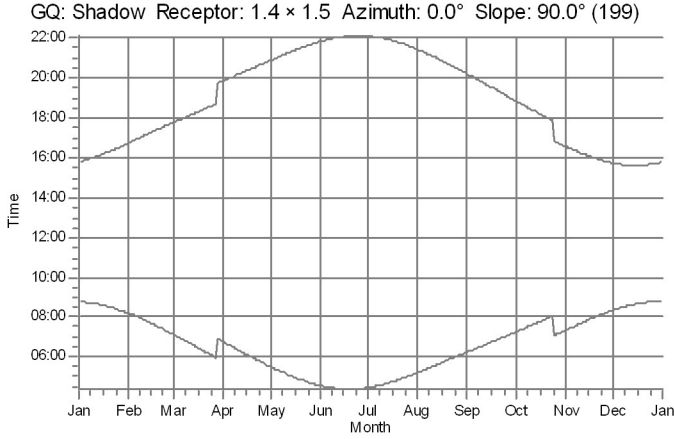


WTGs

5: ENERCON E-175 EP5 6000 175.0 IO! hub: 162.0 m (TOT: 249.5 m) (31)

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

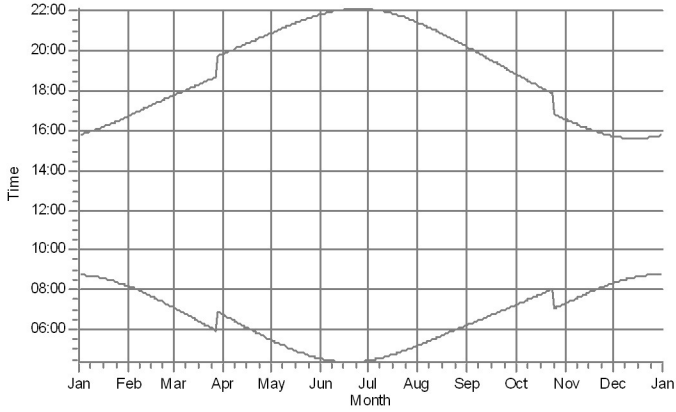


WTGs

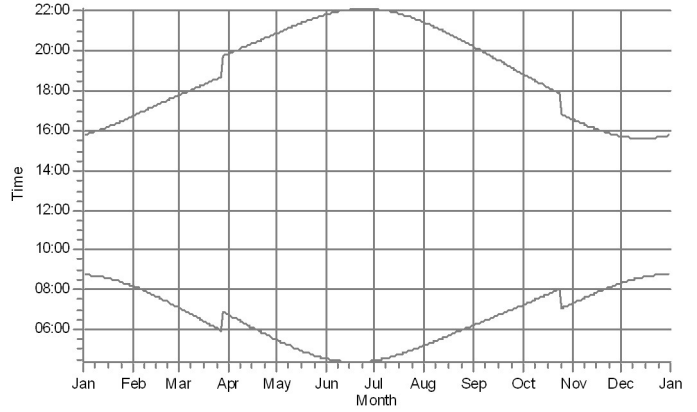
SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

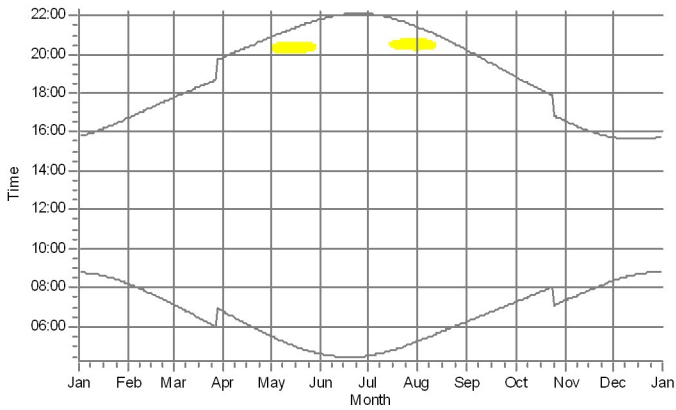
GW: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (205)



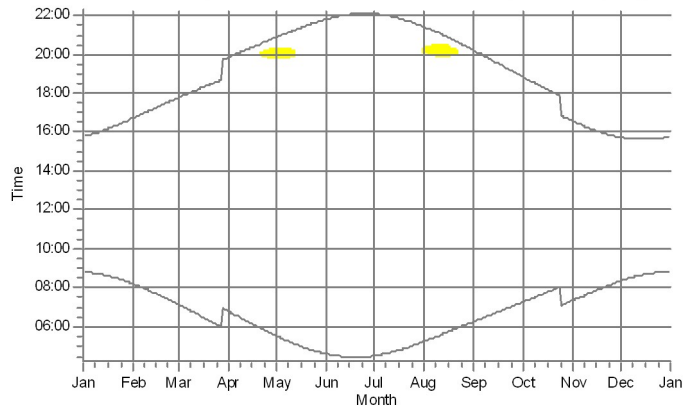
GX: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (206)



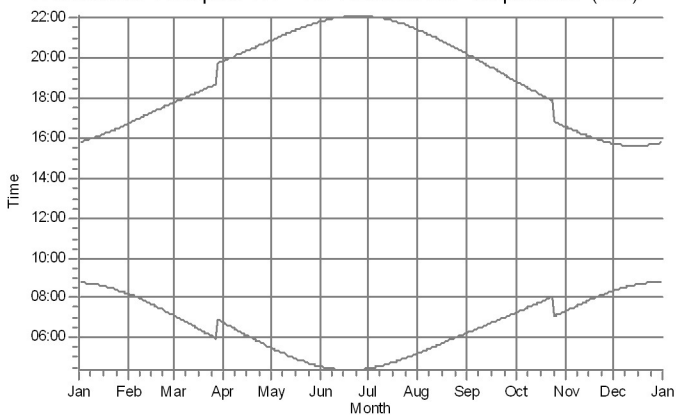
GY: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (207)



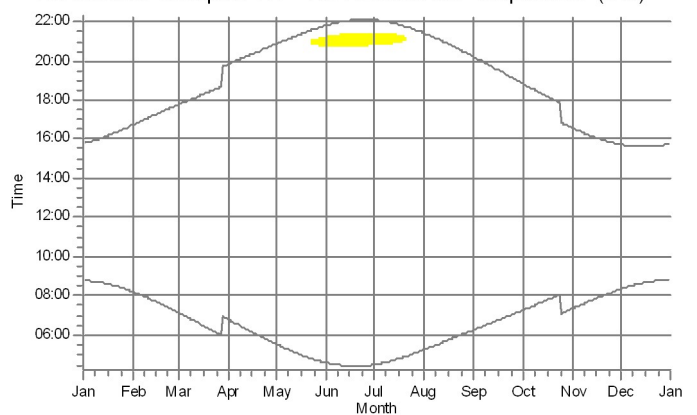
GZ: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (208)



HA: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (209)



HB: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (210)



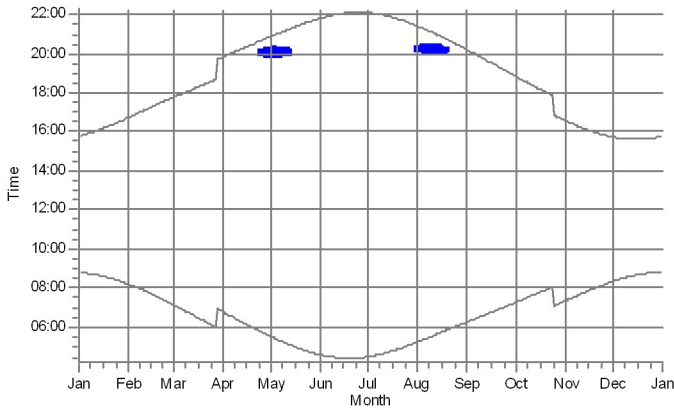
WTGs

2: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (30)

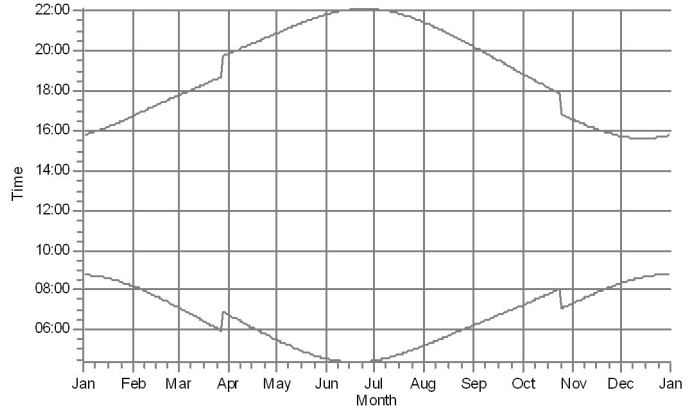
SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

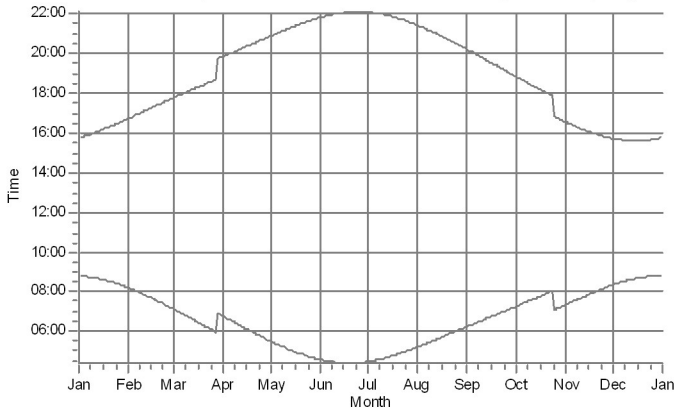
HC: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (211)



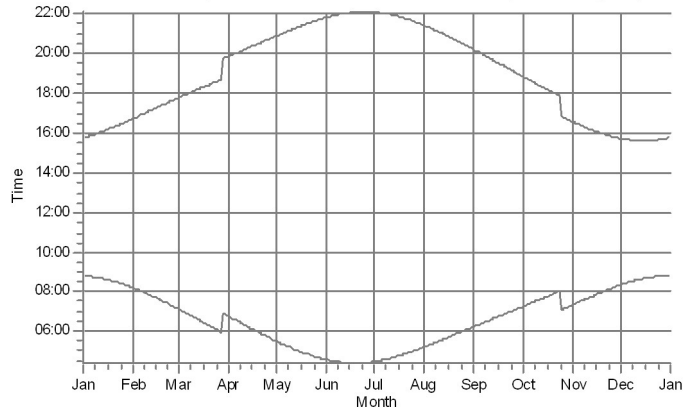
HD: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (212)



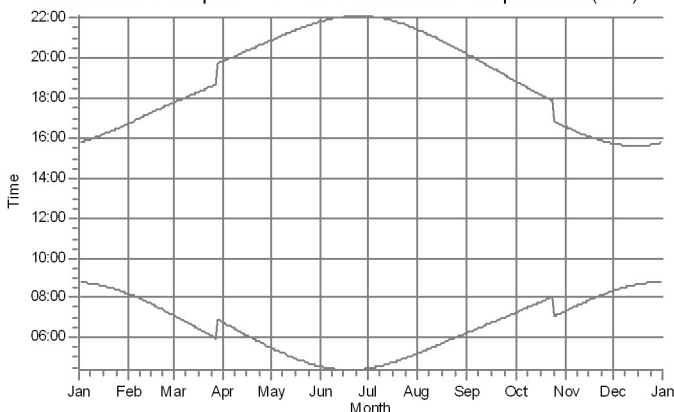
HE: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (213)



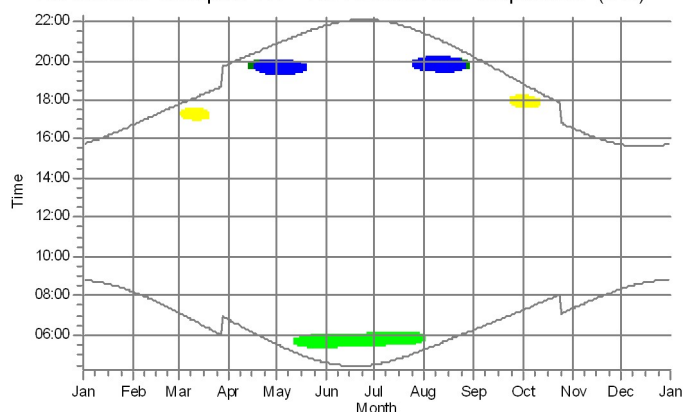
HF: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (214)



HG: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (215)



HH: Shadow Receptor: 1.4 × 1.5 Azimuth: 0.0° Slope: 90.0° (216)

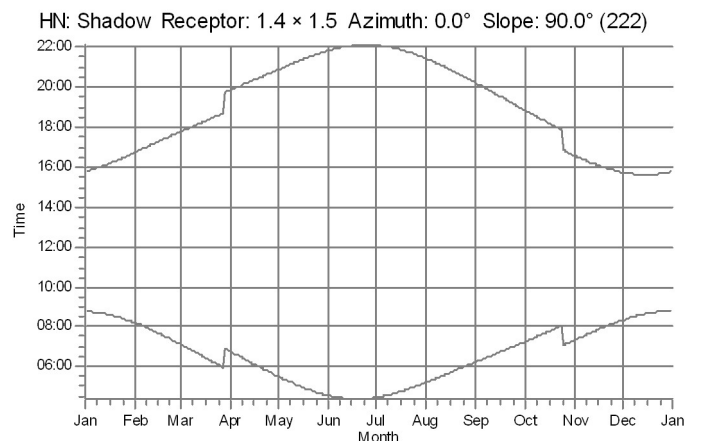
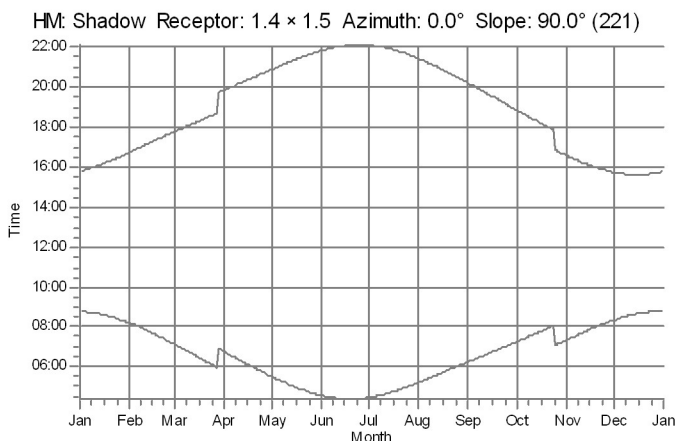
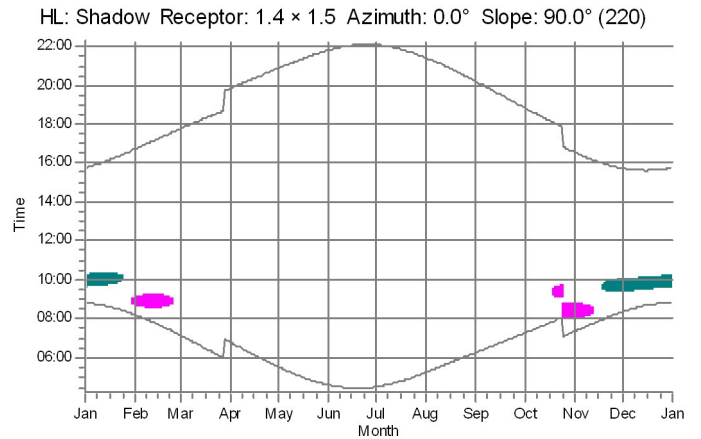
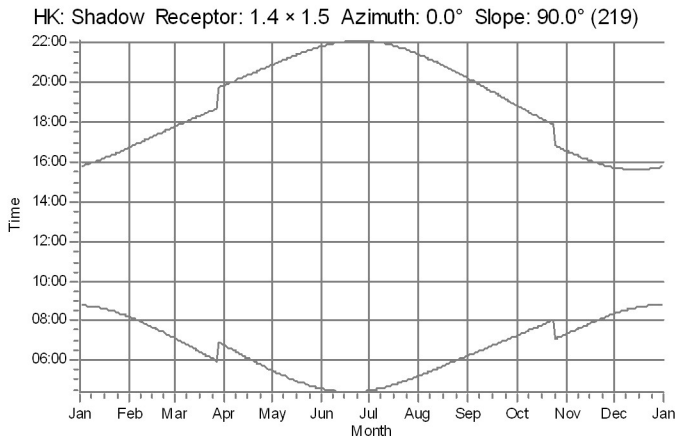
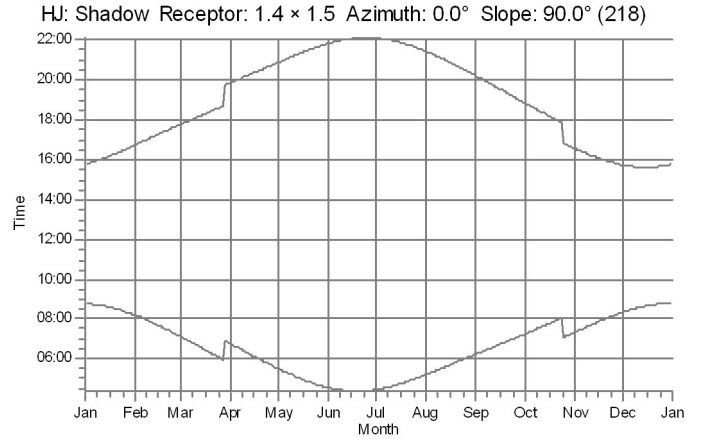
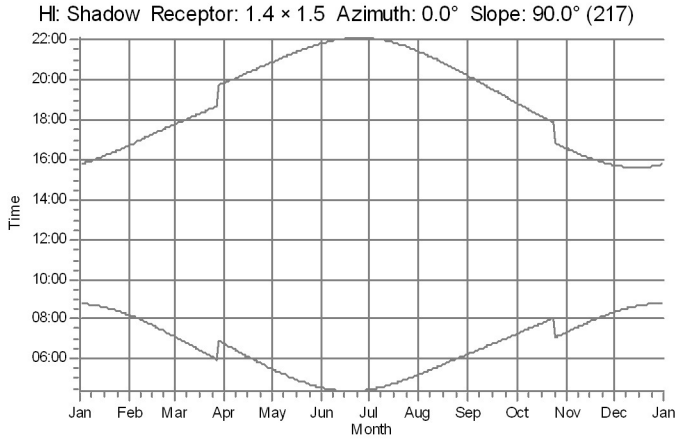


WTGs

- | | |
|---|--|
| <ul style="list-style-type: none"> 1: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (30 2: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (30 | <ul style="list-style-type: none"> 3: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (30 9: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (31 |
|---|--|

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoāa



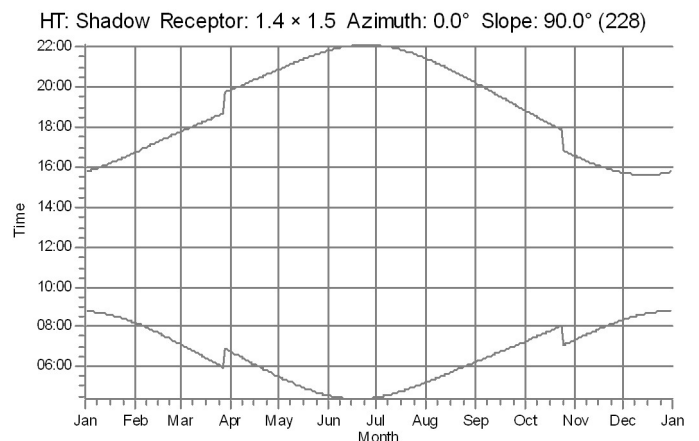
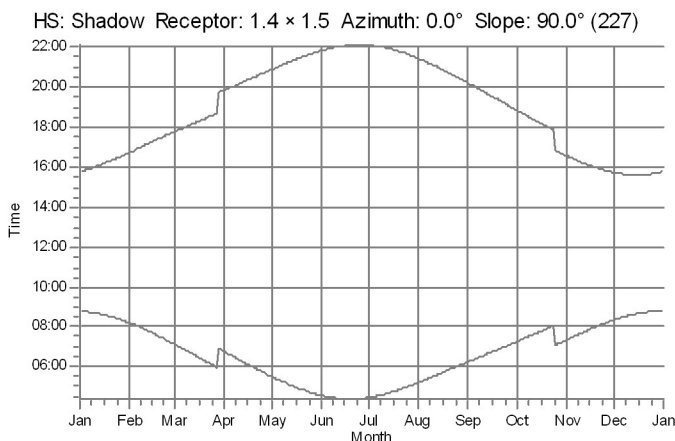
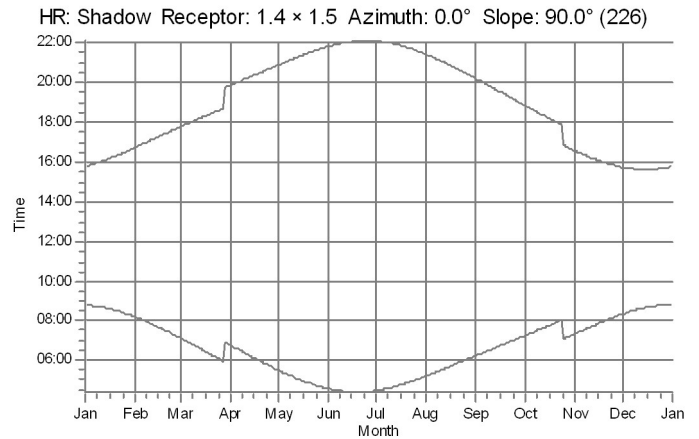
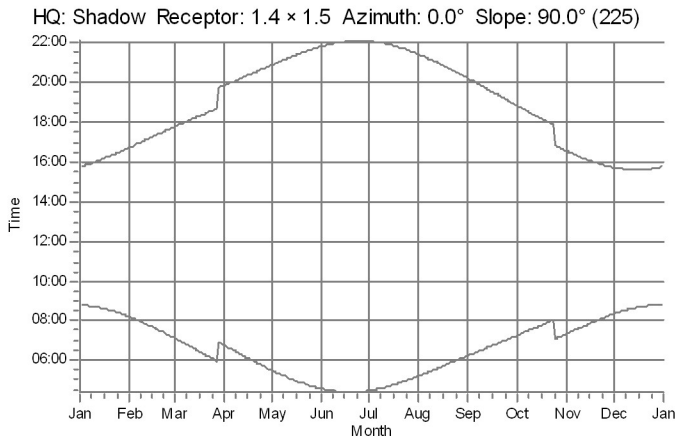
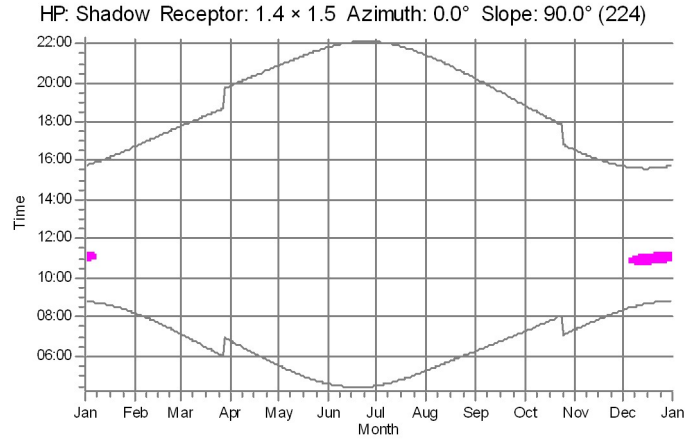
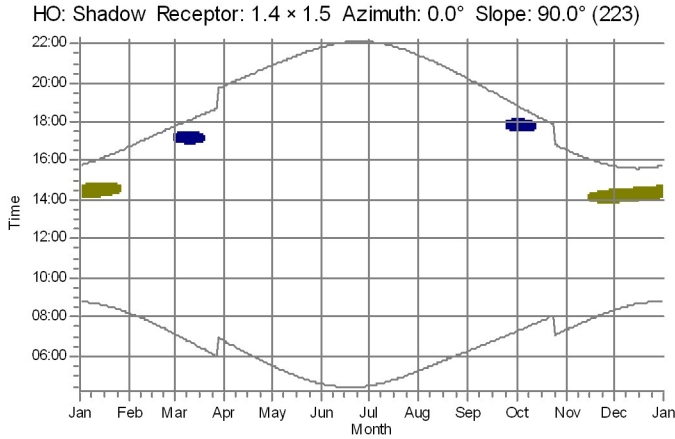
WTGs

5: ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31)

6: ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31)

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

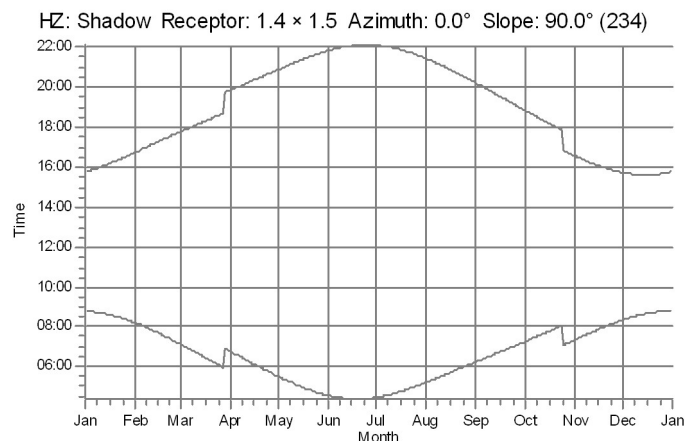
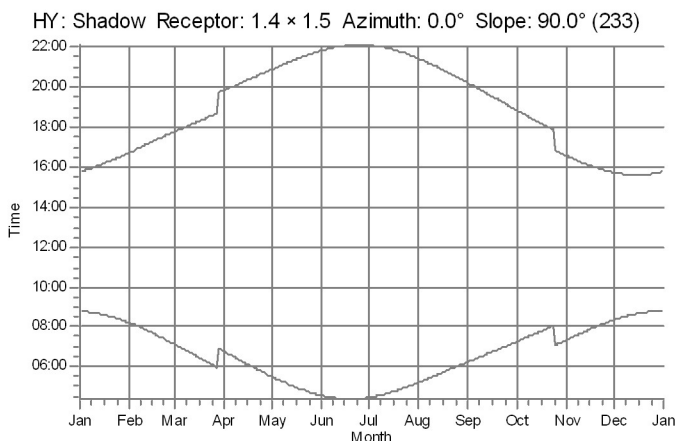
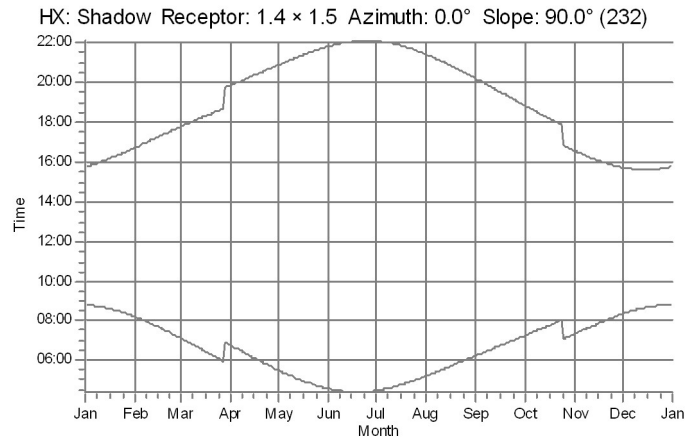
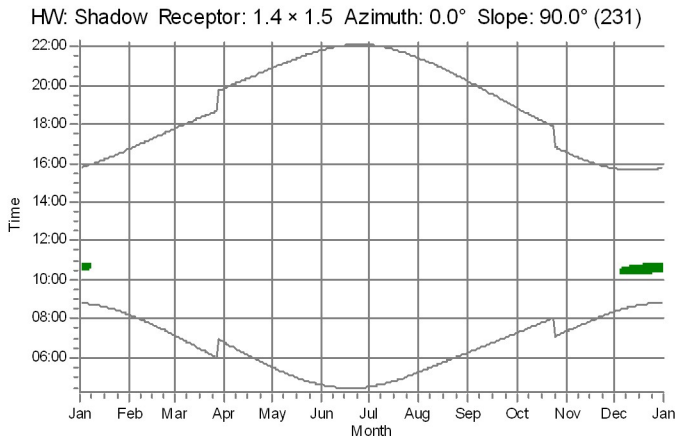
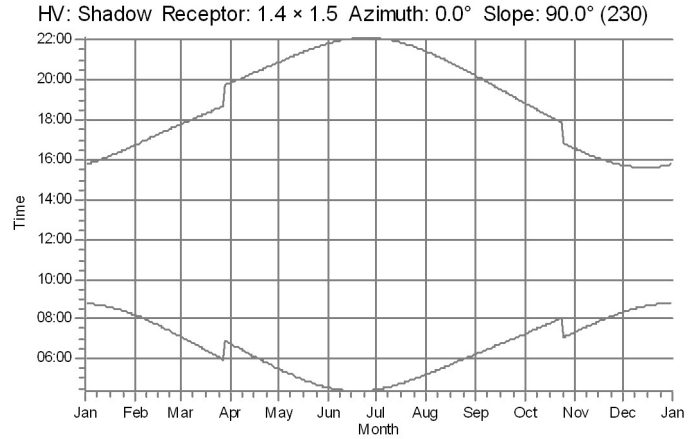
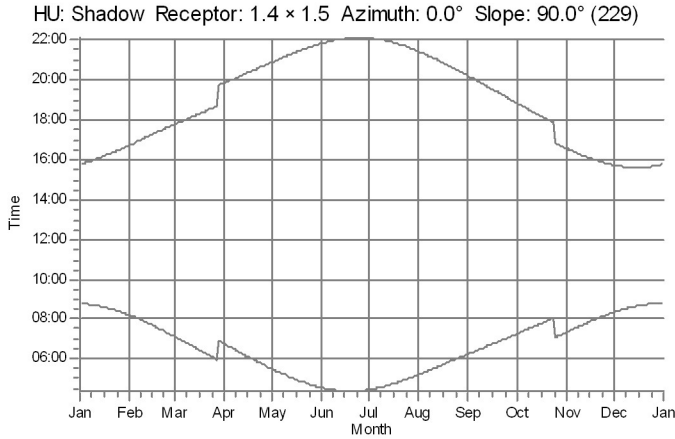


WTGs

- 5: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (31)
- 7: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (31)
- 10: ENERCON E-175 EP5 6000 175.0 !OI! hub: 162.0 m (TOT: 249.5 m) (31)

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgòa

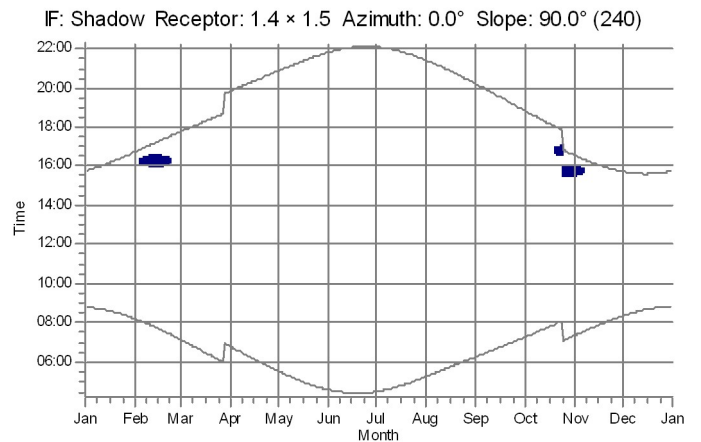
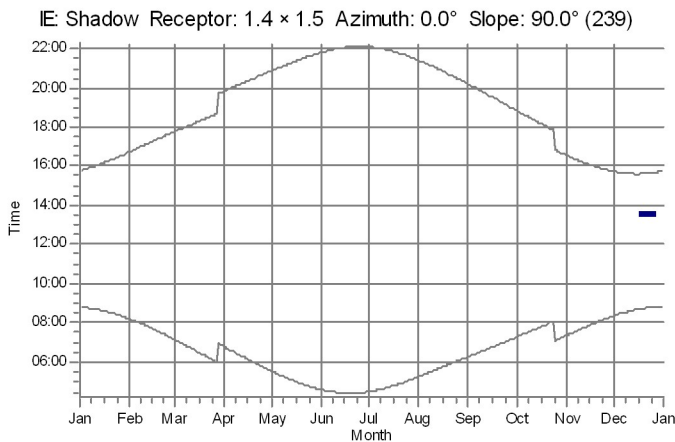
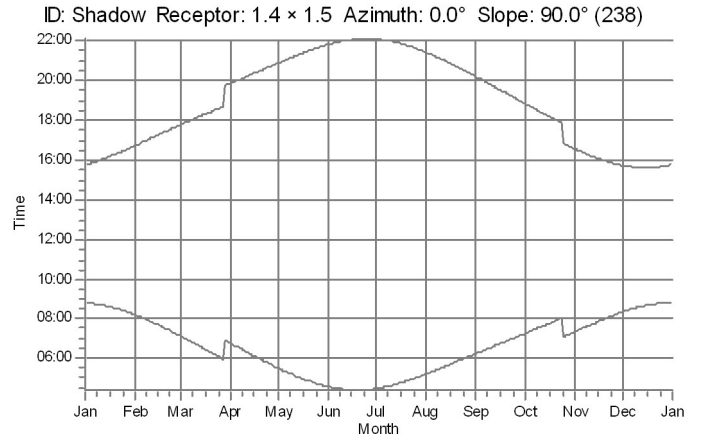
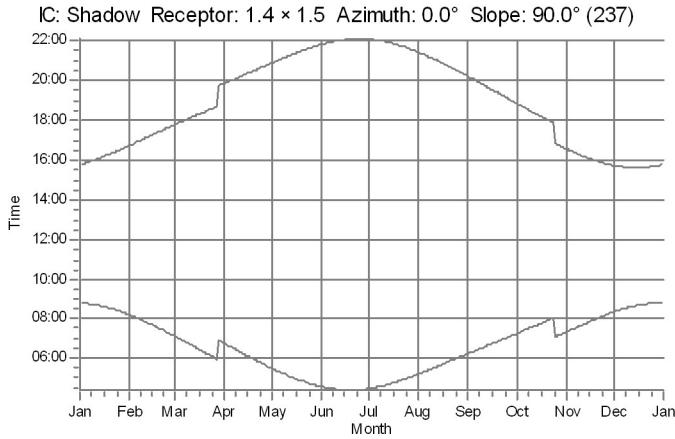
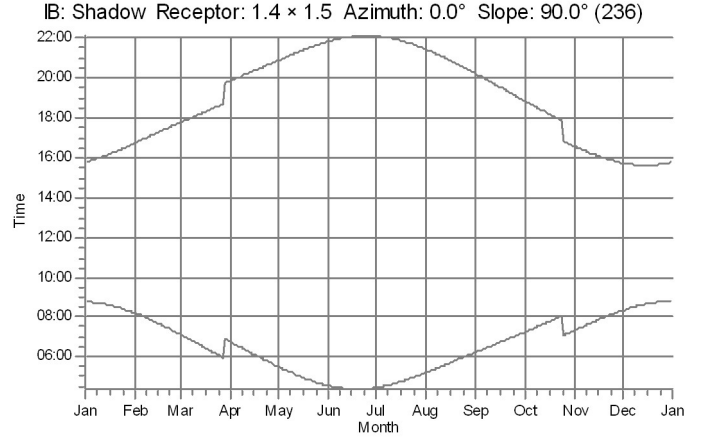
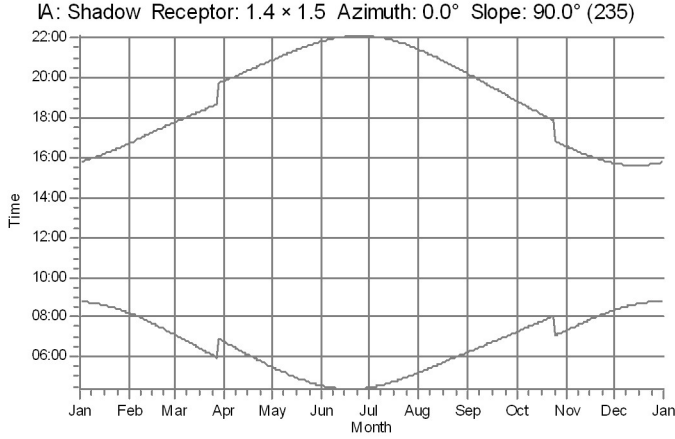


WTGs

1: ENERCON E-175 EP5 6000 175.0 IO! hub: 162.0 m (TOT: 249.5 m) (30)

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgòa

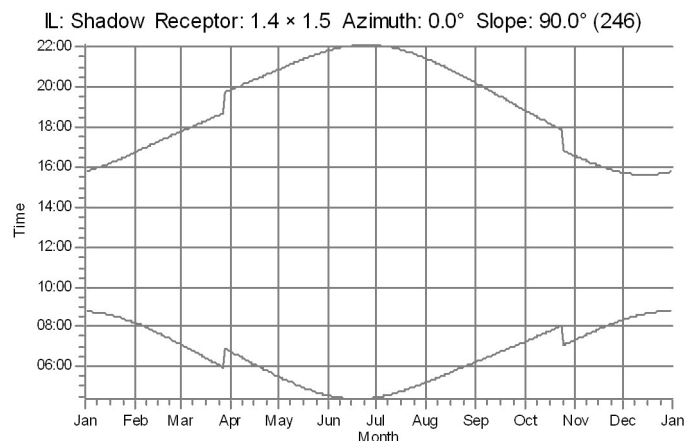
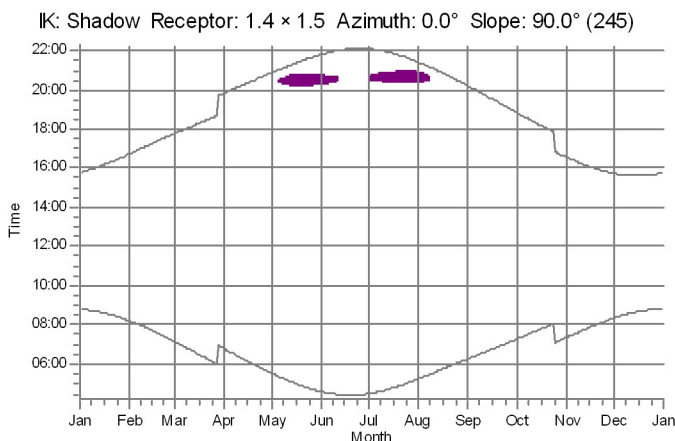
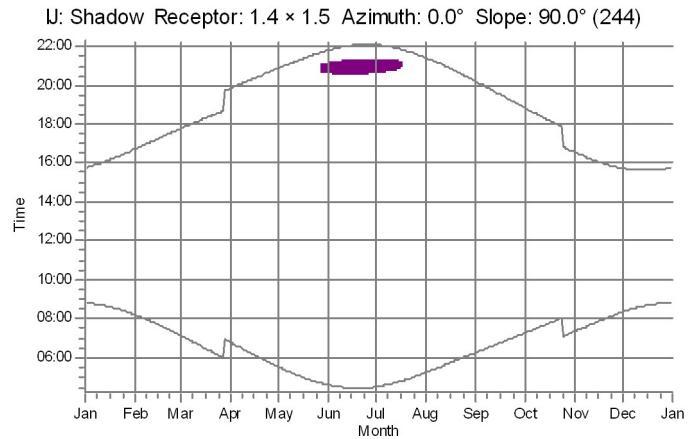
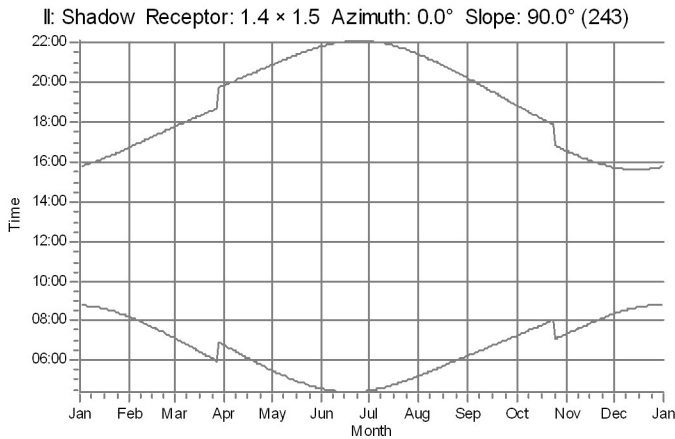
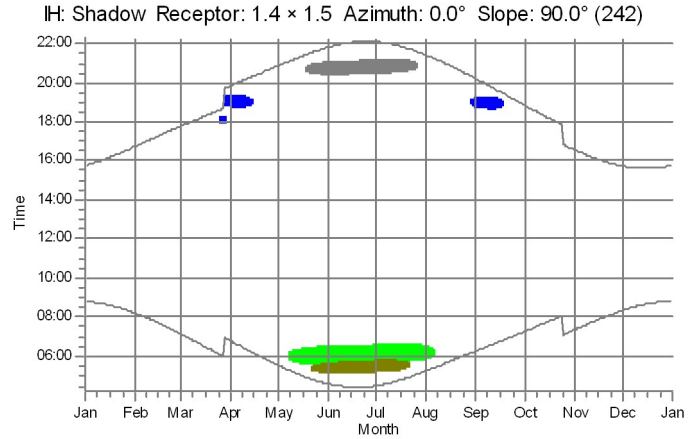
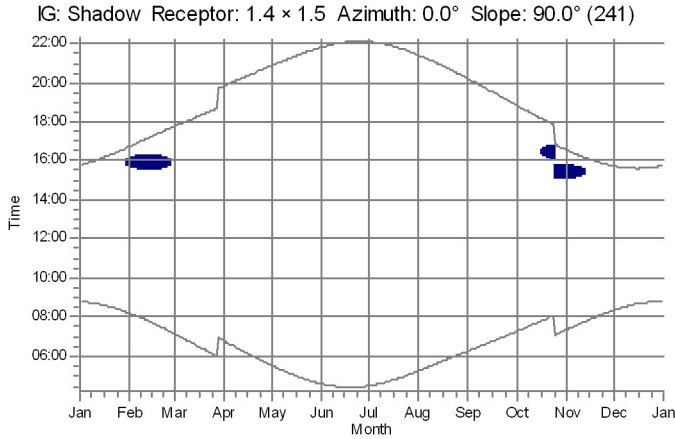


WTGs

7: ENERCON E-175 EP5 6000 175.0 IO! hub: 162.0 m (TOT: 249.5 m) (31)

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

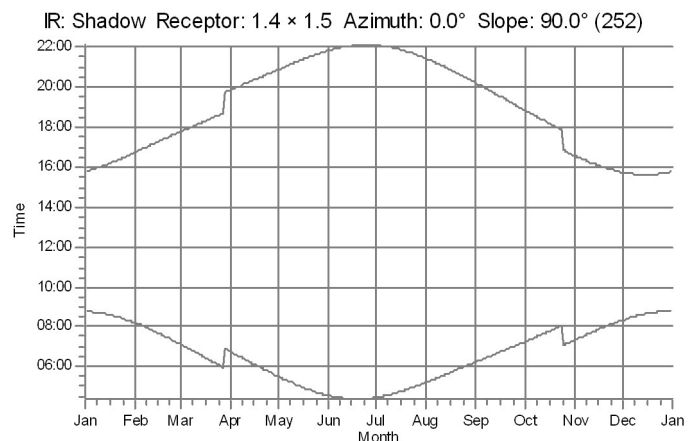
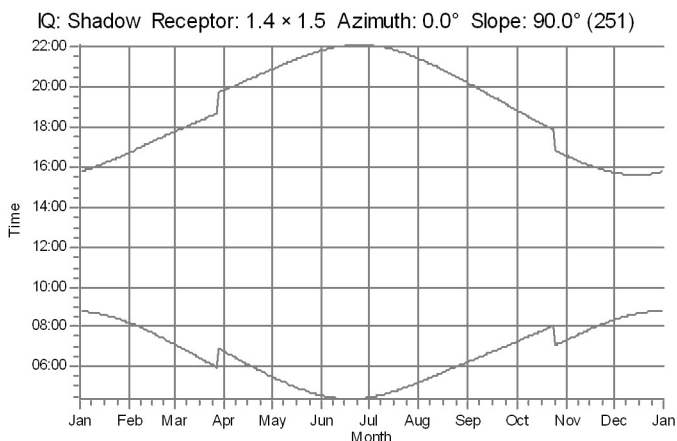
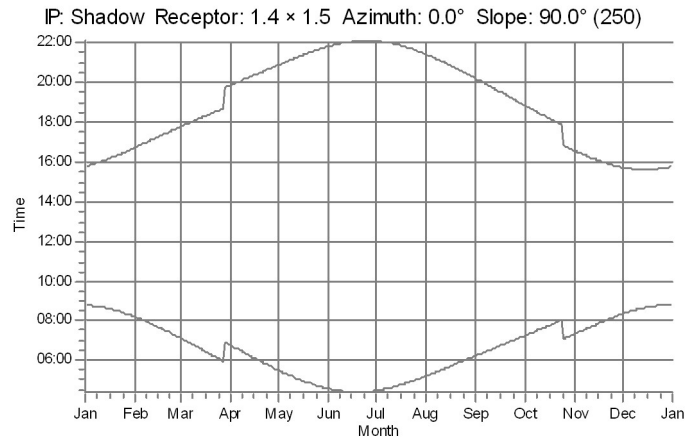
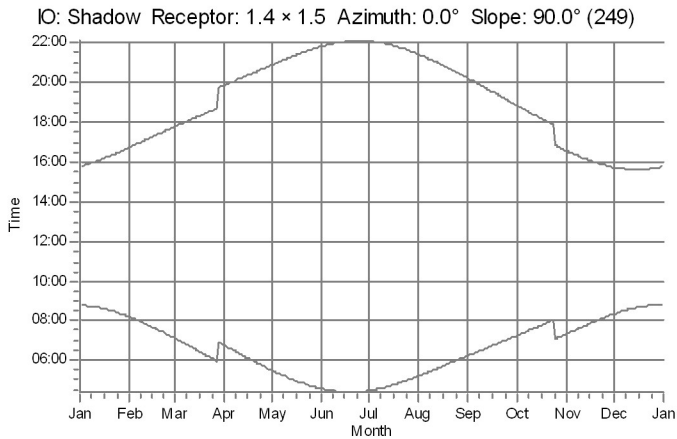
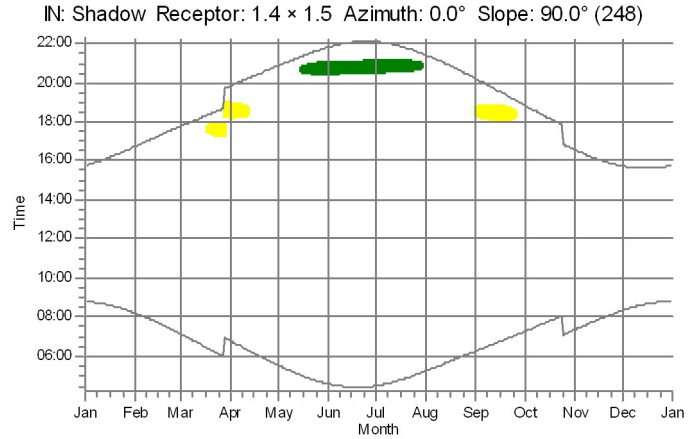
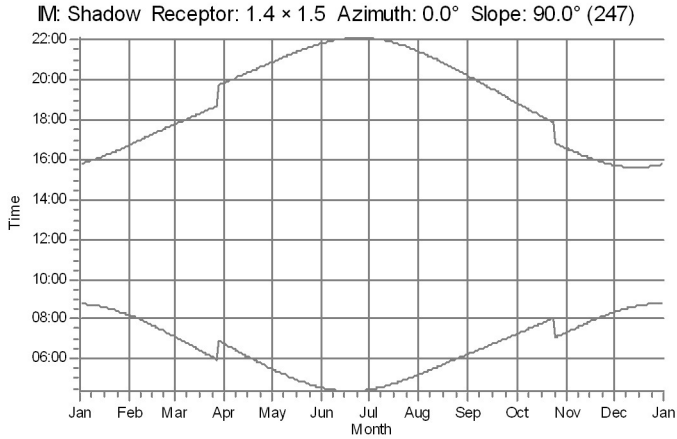


WTGs

- | | |
|---|---|
| <ul style="list-style-type: none"> 3: ENERCON E-175 EP5 6000 175.0 !OI hub: 162.0 m (TOT: 249.5 m) (30) 4: ENERCON E-175 EP5 6000 175.0 !OI hub: 162.0 m (TOT: 249.5 m) (30) 7: ENERCON E-175 EP5 6000 175.0 !OI hub: 162.0 m (TOT: 249.5 m) (31) | <ul style="list-style-type: none"> 9: ENERCON E-175 EP5 6000 175.0 !OI hub: 162.0 m (TOT: 249.5 m) (31) 10: ENERCON E-175 EP5 6000 175.0 !OI hub: 162.0 m (TOT: 249.5 m) (31) 11: ENERCON E-175 EP5 6000 175.0 !OI hub: 162.0 m (TOT: 249.5 m) (31) |
|---|---|

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoā

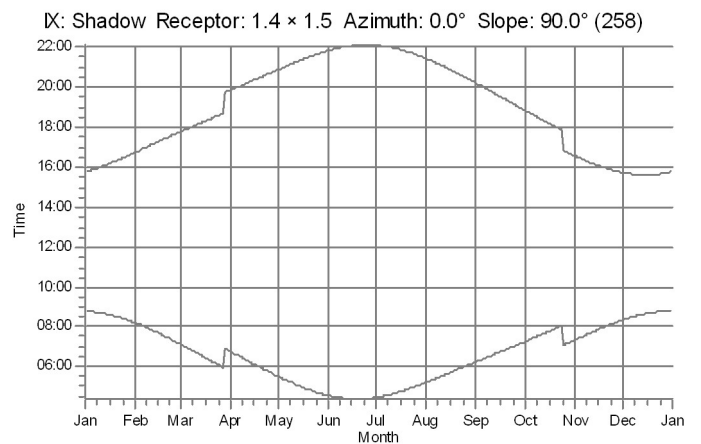
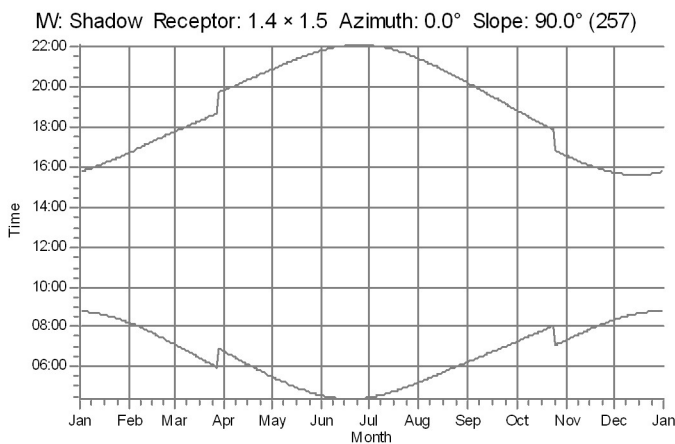
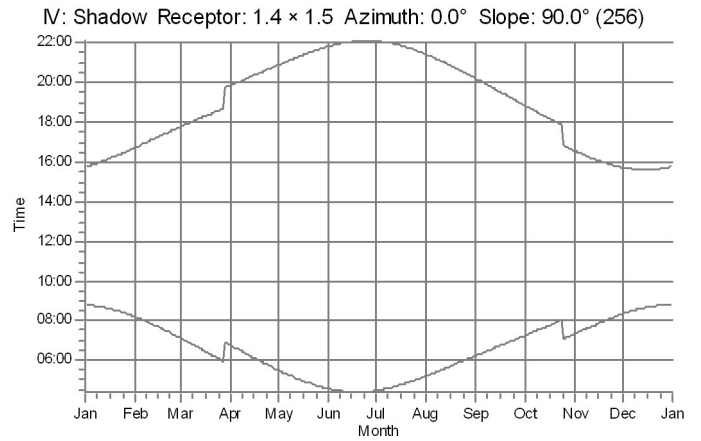
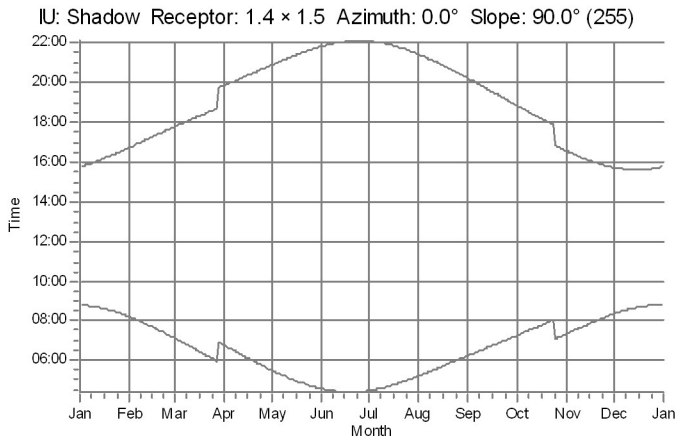
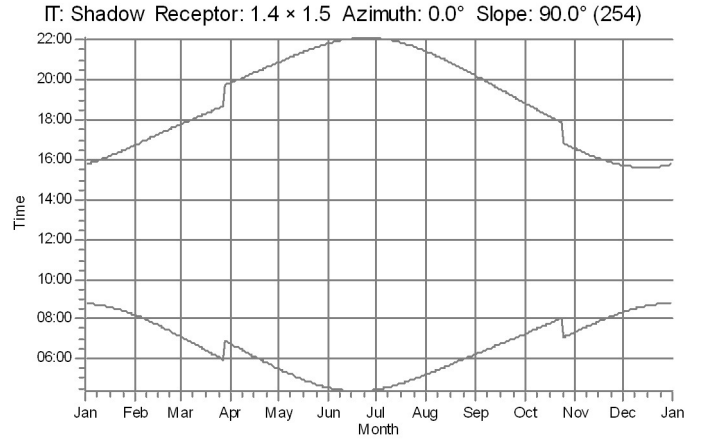
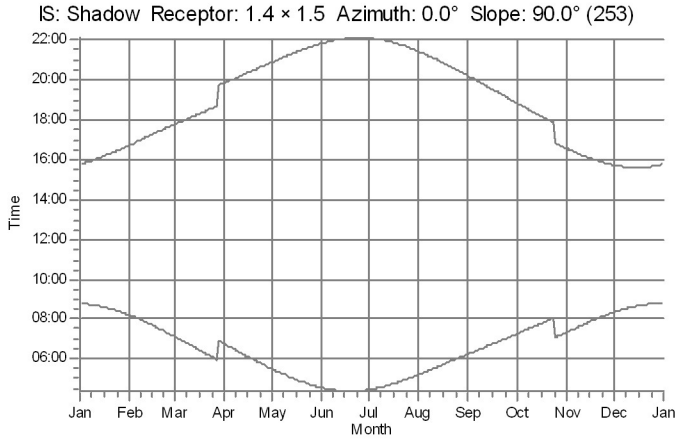


WTGs

- 1: ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30)
- 2: ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30)

SHADOW - Calendar, graphical

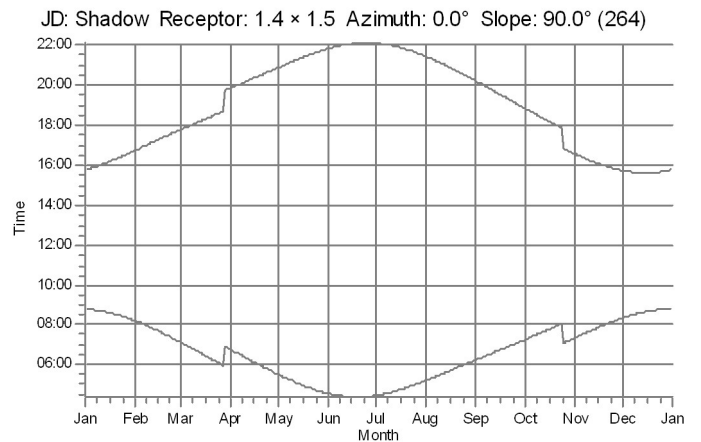
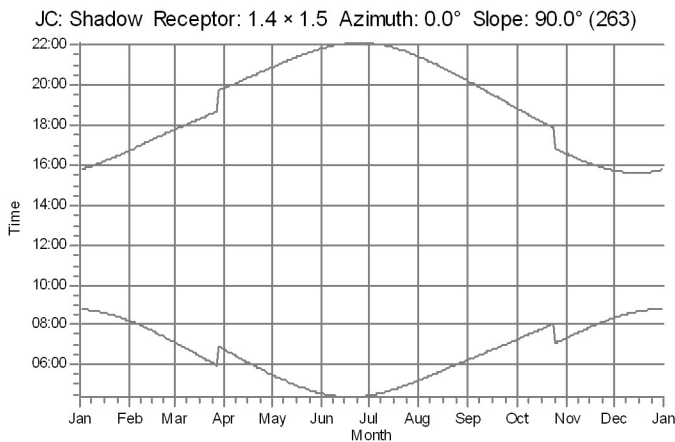
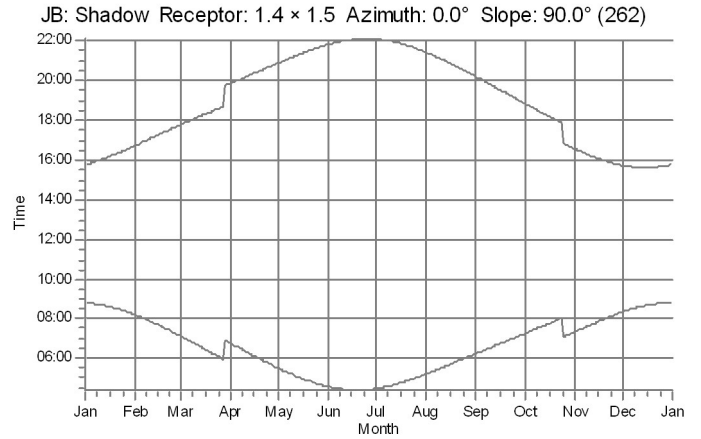
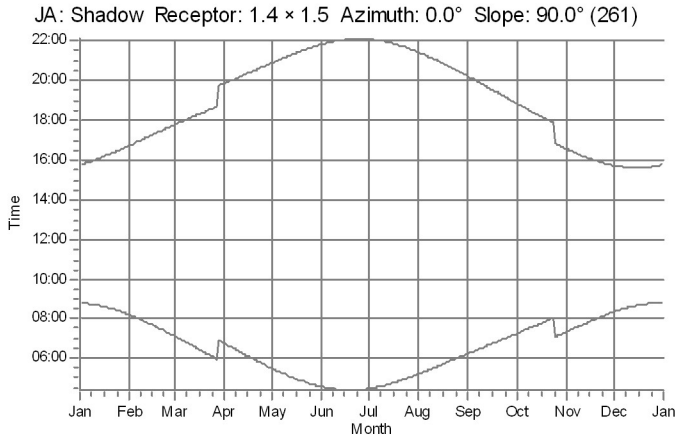
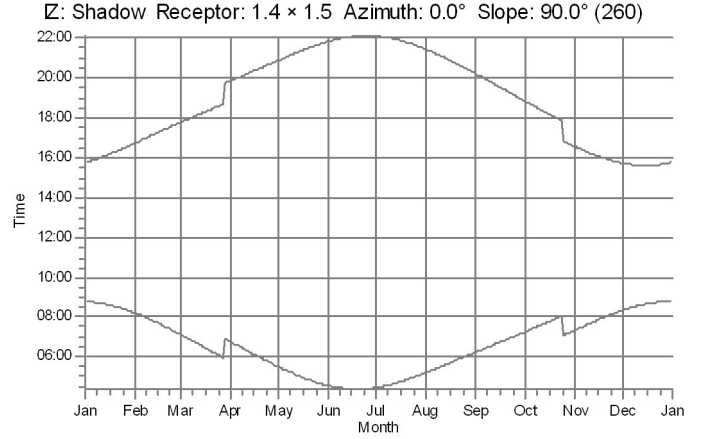
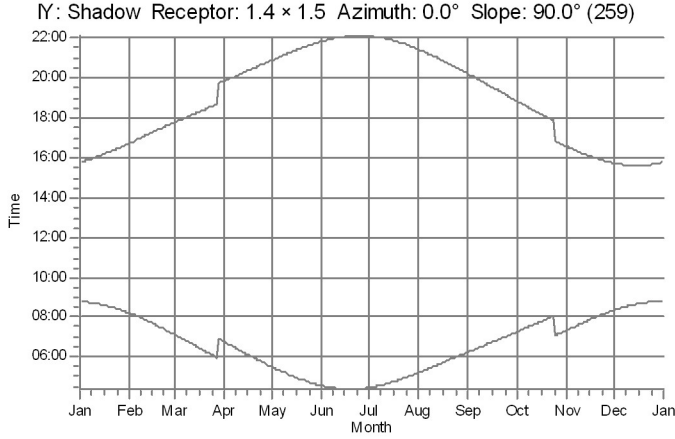
Calculation: Riebiū VES mirgoā



WTGs

SHADOW - Calendar, graphical

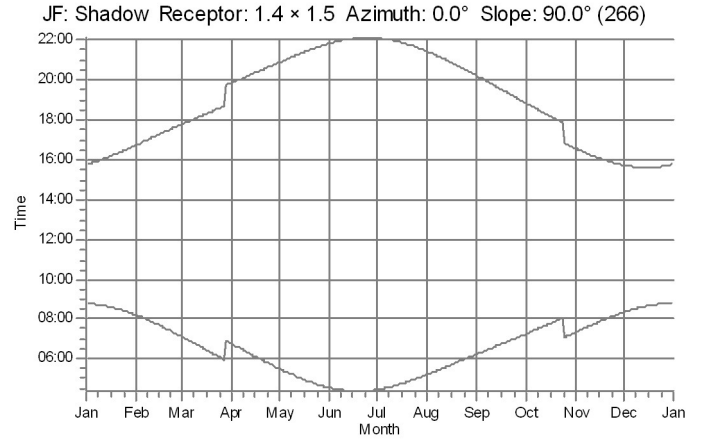
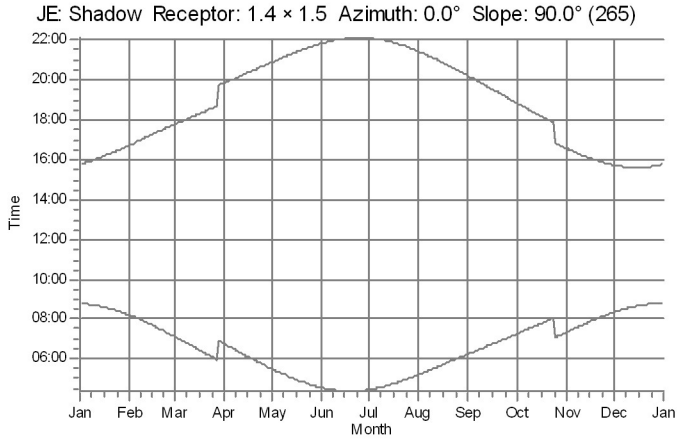
Calculation: Riebiū VES mirgoā



WTGs

SHADOW - Calendar, graphical

Calculation: Riebiū VES mirgoāa



WTGs

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 1 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:
 The sun is shining all the day, from sunrise to sunset
 The rotor plane is always perpendicular to the line from the WTG to the sun
 The WTG is always operating

	January	February	March	April	May	June
1	08:47 10:30-10:46/16 15:46 09:40-10:05/25	08:11 16:43	07:08 17:45	06:46 19:50	05:30 19:41-19:50/9 20:52	04:34 20:29-21:00/31 21:49
2	08:47 10:31-10:47/16 15:48 09:41-10:06/25	08:09 16:45	07:05 17:47	06:44 19:52	05:28 20:54	04:33 20:29-21:00/31 21:50
3	08:46 10:32-10:46/14 15:49 09:41-10:06/25	08:07 16:48	07:03 17:49	06:41 19:54	05:26 20:56	04:32 20:29-21:00/31 21:51
4	08:46 10:33-10:45/12 15:50 09:41-10:06/25	08:05 16:50	07:00 17:52	06:38 19:56	05:24 20:58	04:31 20:29-21:01/32 21:53
5	08:46 10:35-10:45/10 15:52 09:42-10:07/25	08:03 16:52	06:58 17:54	06:36 19:58	05:21 21:00	04:30 20:29-21:01/32 21:54
6	08:45 10:37-10:44/7 15:53 09:42-10:08/26	08:01 16:54	06:55 17:56	06:33 20:00	05:19 21:02	04:29 20:29-21:01/32 21:55
7	08:44 09:42-10:08/26 15:55	07:59 16:56	06:52 17:58	06:30 20:02	05:17 21:04	04:28 20:30-21:02/32 21:56
8	08:44 09:43-10:08/25 15:56	07:57 16:59	06:50 18:00	06:28 20:05	05:15 21:06	04:28 20:30-21:02/32 21:57
9	08:43 09:43-10:09/26 15:58	07:55 17:01	06:47 18:02	06:25 20:07	05:13 21:08	04:27 20:30-21:01/31 21:58
10	08:42 09:44-10:09/25 15:59	07:53 17:03	06:45 18:04	06:22 20:09	05:11 21:10	04:26 20:30-21:02/32 21:59
11	08:41 09:44-10:09/25 16:01	07:51 17:05	06:42 18:06	06:20 20:11	05:09 21:12	04:26 20:31-21:03/32 22:00
12	08:41 09:45-10:10/25 16:03	07:49 17:08	06:39 18:09	06:17 20:13	05:07 21:14	04:25 20:31-21:02/31 22:01
13	08:40 09:45-10:09/24 16:04	07:46 17:10	06:37 18:11	06:15 20:15	05:05 21:16	04:25 20:31-21:02/31 22:02
14	08:39 09:46-10:10/24 16:06	07:44 17:12	06:34 18:13	06:12 19:47-19:48/1 20:17	05:03 21:18	04:24 20:32-21:03/31 22:03
15	08:38 09:47-10:10/23 16:08	07:42 17:14	06:31 18:15	06:10 19:42-19:49/7 20:19	05:01 20:39-20:45/6 21:20	04:24 20:32-21:03/31 22:03
16	08:36 09:47-10:09/22 16:10	07:39 17:17	06:29 18:17	06:07 19:41-19:52/11 20:21	04:59 20:36-20:47/11 21:22	04:24 20:31-21:02/31 22:04
17	08:35 09:49-10:10/21 16:12	07:37 17:19	06:26 18:19	06:04 19:38-19:53/15 20:23	04:57 20:34-20:48/14 21:24	04:24 20:32-21:03/31 22:05
18	08:34 09:49-10:09/20 16:14	07:35 17:21	06:23 18:21	06:02 19:38-19:55/17 20:25	04:55 20:34-20:50/16 21:26	04:24 20:32-21:03/31 22:05
19	08:33 09:51-10:09/18 16:16	07:32 17:23	06:21 18:23	05:59 19:36-19:57/21 20:27	04:53 20:32-20:52/20 21:27	04:24 20:32-21:03/31 22:05
20	08:31 09:52-10:08/16 16:18	07:30 17:25	06:18 18:25	05:57 19:36-19:59/23 20:29	04:52 20:32-20:54/22 21:29	04:24 20:33-21:04/31 22:06
21	08:30 09:53-10:06/13 16:20	07:28 17:28	06:15 18:27	05:54 19:36-20:00/24 20:31	04:50 20:31-20:55/24 21:31	04:24 20:33-21:04/31 22:06
22	08:28 09:56-10:05/9 16:22	07:25 17:30	06:13 18:29	05:52 19:35-19:59/24 20:34	04:48 20:30-20:57/27 21:33	04:24 20:33-21:04/31 22:06
23	08:27 16:24	07:23 17:32	06:10 18:31	05:49 19:35-19:59/24 20:36	04:47 20:29-20:57/28 21:35	04:24 20:33-21:04/31 22:06
24	08:25 16:26	07:20 17:34	06:07 18:34	05:47 19:35-19:59/24 20:38	04:45 20:29-20:58/29 21:36	04:24 20:34-21:05/31 22:06
25	08:24 16:28	07:18 17:36	06:05 18:36	05:45 19:35-19:58/23 20:40	04:43 20:29-20:58/29 21:38	04:25 20:34-21:05/31 22:06
26	08:22 16:30	07:15 17:39	06:02 18:38	05:42 19:35-19:58/23 20:42	04:42 20:29-20:59/30 21:40	04:25 20:34-21:05/31 22:06
27	08:20 16:32	07:13 17:41	05:59 18:40	05:40 19:36-19:57/21 20:44	04:41 20:28-20:59/31 21:41	04:26 20:34-21:05/31 22:06
28	08:19 16:34	07:10 17:43	05:57 18:42	05:37 19:36-19:55/19 20:46	04:39 20:28-20:59/31 21:43	04:26 20:35-21:06/31 22:06
29	08:17 16:37		06:54 19:44	05:35 19:37-19:54/17 20:48	04:38 20:28-21:00/32 21:44	04:27 20:34-21:06/32 22:06
30	08:15 16:39		06:52 19:46	05:33 19:39-19:53/14 20:50	04:37 20:28-21:00/32 21:46	04:28 20:35-21:06/31 22:05
31	08:13 16:41		06:49 19:48		04:35 20:29-21:00/31 21:47	
Potential sun hours	236	266	366	426	507	527
Sum of minutes with flicker	568	0	0	308	422	938

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 1 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30
 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	July	August	September	October	November	December
1	04:28 20:35-21:07/32 22:05	05:14 21:24	06:15 20:11	07:14 18:51	07:19 16:34	08:21 09:26-09:51/25 15:43
2	04:29 20:35-21:06/31 22:05	05:16 21:22	06:17 20:08	07:16 18:48	07:21 16:32	08:22 09:27-09:52/25 15:42
3	04:30 20:35-21:07/32 22:04	05:18 21:20	06:19 20:06	07:18 18:46	07:24 16:29	08:24 09:27-09:53/26 15:41
4	04:31 20:35-21:07/32 22:03	05:19 21:18	06:21 20:03	07:21 18:43	07:26 16:27	08:25 09:27-09:52/25 15:41
5	04:32 20:35-21:07/32 22:03	05:21 21:16	06:23 20:00	07:23 18:40	07:28 16:25	08:27 09:27-09:53/26 15:40
6	04:33 20:36-21:08/32 22:02	05:23 21:14	06:25 19:58	07:25 18:38	07:30 16:23	08:29 10:23-10:30/7 15:39 09:28-09:54/26
7	04:34 20:36-21:08/32 22:01	05:25 21:12	06:27 19:55	07:27 18:35	07:32 16:21	08:30 10:21-10:31/10 15:39 09:28-09:53/25
8	04:35 20:36-21:08/32 22:00	05:27 21:10	06:29 19:53	07:29 18:33	07:34 16:19	08:31 10:21-10:33/12 15:38 09:29-09:54/25
9	04:36 20:36-21:08/32 22:00	05:29 21:07	06:31 19:50	07:31 18:30	07:37 16:17	08:33 10:21-10:35/14 15:38 09:30-09:55/25
10	04:38 20:36-21:08/32 21:59	05:31 21:05	06:33 19:47	07:33 18:27	07:39 16:15	08:34 10:21-10:36/15 15:37 09:30-09:55/25
11	04:39 20:36-21:08/32 21:58	05:33 19:54-19:55/1 21:03	06:35 19:45	07:35 18:25	07:41 16:13	08:35 10:20-10:36/16 15:37 09:30-09:55/25
12	04:40 20:37-21:09/32 21:56	05:35 19:49-20:00/11 21:01	06:37 19:42	07:37 18:22	07:43 16:11	08:37 10:21-10:38/17 15:36 09:31-09:56/25
13	04:42 20:37-21:08/31 21:55	05:37 19:47-20:02/15 20:58	06:39 19:39	07:39 18:20	07:45 16:09	08:38 10:21-10:38/17 15:36 09:31-09:56/25
14	04:43 20:37-21:08/31 21:54	05:39 19:45-20:03/18 20:56	06:41 19:36	07:41 18:17	07:47 16:07	08:39 10:21-10:39/18 15:36 09:32-09:57/25
15	04:45 20:38-21:09/31 21:53	05:41 19:43-20:03/20 20:53	06:43 19:34	07:43 18:14	07:49 16:06	08:40 10:21-10:40/19 15:36 09:32-09:57/25
16	04:46 20:38-21:08/30 21:52	05:43 19:42-20:04/22 20:51	06:45 19:31	07:45 18:12	07:51 16:04	08:41 10:21-10:40/19 15:36 09:33-09:57/24
17	04:48 20:38-21:08/30 21:50	05:45 19:42-20:04/22 20:49	06:47 19:28	07:47 18:09	07:54 16:02	08:42 10:22-10:41/19 15:36 09:33-09:58/25
18	04:49 20:39-21:08/29 21:49	05:47 19:41-20:05/24 20:46	06:49 19:26	07:49 18:07	07:56 16:00	08:43 10:22-10:42/20 15:36 09:34-09:58/24
19	04:51 20:39-21:08/29 21:47	05:49 19:41-20:05/24 20:44	06:51 19:23	07:51 18:04	07:58 15:59	08:43 10:22-10:42/20 15:37 09:34-09:58/24
20	04:52 20:40-21:08/28 21:46	05:51 19:40-20:05/25 20:41	06:52 19:20	07:54 18:02	08:00 09:31-09:40/9 15:57	08:44 10:22-10:43/21 15:37 09:35-09:59/24
21	04:54 20:40-21:07/27 21:44	05:53 19:40-20:05/25 20:39	06:54 19:18	07:56 18:00	08:02 09:29-09:42/13 15:56	08:45 10:23-10:44/21 15:37 09:35-10:00/25
22	04:56 20:41-21:06/25 21:43	05:55 19:39-20:03/24 20:36	06:56 19:15	07:58 17:57	08:04 09:28-09:44/16 15:54	08:45 10:23-10:44/21 15:38 09:35-10:00/25
23	04:57 20:41-21:04/23 21:41	05:57 19:40-20:02/22 20:34	06:58 19:12	08:00 17:55	08:06 09:27-09:45/18 15:53	08:46 10:24-10:45/21 15:38 09:37-10:01/24
24	04:59 20:42-21:03/21 21:39	05:59 19:40-20:00/20 20:31	07:00 19:10	08:02 17:52	08:08 09:26-09:46/20 15:51	08:46 10:25-10:45/20 15:39 09:37-10:01/24
25	05:01 20:43-21:01/18 21:38	06:01 19:40-19:58/18 20:29	07:02 19:07	07:04 16:50	08:10 09:27-09:48/21 15:50	08:47 10:25-10:45/20 15:40 09:37-10:01/24
26	05:03 20:44-21:00/16 21:36	06:03 19:41-19:56/15 20:26	07:04 19:04	07:06 16:48	08:11 09:26-09:48/22 15:49	08:47 10:25-10:45/20 15:40 09:37-10:02/25
27	05:04 20:46-20:59/13 21:34	06:05 19:42-19:53/11 20:24	07:06 19:02	07:09 16:45	08:13 09:26-09:49/23 15:48	08:47 10:26-10:45/19 15:41 09:38-10:02/24
28	05:06 20:48-20:56/8 21:32	06:07 19:44-19:51/7 20:21	07:08 18:59	07:11 16:43	08:15 09:26-09:50/24 15:46	08:47 10:27-10:46/19 15:42 09:38-10:03/25
29	05:08 20:52-20:55/3 21:30	06:09 20:19	07:10 18:56	07:13 16:41	08:17 09:26-09:50/24 15:45	08:47 10:27-10:46/19 15:43 09:39-10:03/24
30	05:10 21:28	06:11 20:16	07:12 18:54	07:15 16:38	08:19 09:26-09:51/25 15:44	08:47 10:28-10:46/18 15:44 09:39-10:04/25
31	05:12 21:26	06:13 20:14		07:17 16:36		08:47 10:29-10:47/18 15:45 09:40-10:05/25
Potential sun hours	528	469	384	324	248	217
Sum of minutes with flicker	776	324	0	0	215	1229

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 2 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June				
1	08:47 15:46	08:11 16:43	07:08 17:45	06:46 19:50	18:14-18:55/41 20:52 06:12-06:42/30	05:30 20:52	19:52-20:17/25 06:12-06:42/30	04:34 21:49	20:50-21:10/20 05:21-05:53/32	
2	08:47 15:48	08:09 16:45	07:05 17:47	06:44 19:52	18:14-18:54/40 19:52	05:28 20:54	19:52-20:22/30 06:12-06:42/30	04:33 21:50	20:50-21:12/22 05:21-05:53/32	
3	08:46 15:49	08:07 16:48	07:03 17:49	06:41 19:54	18:15-18:54/39 19:54	05:26 20:56	19:52-20:24/32 06:12-06:41/29	04:32 21:51	20:49-21:13/24 05:22-05:54/32	
4	08:46 15:50	08:05 16:50	07:00 17:52	06:38 19:56	18:15-18:53/38 19:56	05:24 20:58	19:52-20:26/34 06:12-06:41/29	04:31 21:53	20:50-21:14/24 05:22-05:54/32	
5	08:46 15:52	08:03 16:52	06:58 17:54	06:36 19:58	18:16-18:53/37 19:58	05:21 21:00	19:52-20:28/36 06:13-06:40/27	04:30 21:54	20:50-21:15/25 05:22-05:54/32	
6	08:45 15:53	08:01 16:54	06:55 17:56	06:33 20:00	18:16-18:51/35 20:00	05:19 21:02	19:53-20:30/37 06:13-06:40/27	04:29 21:55	20:49-21:15/26 05:22-05:54/32	
7	08:44 15:55	07:59 16:56	06:52 17:58	06:30 20:02	18:16-18:50/34 20:02	05:17 21:04	19:54-20:32/38 06:14-06:39/25	04:28 21:56	20:50-21:16/26 05:23-05:55/32	
8	08:44 15:56	07:57 16:59	06:50 18:00	06:28 20:05	18:17-18:49/32 20:05	05:15 21:06	19:54-20:33/39 06:15-06:38/23	04:28 21:57	20:50-21:16/26 05:22-05:55/33	
9	08:43 15:58	07:55 17:01	06:47 18:02	06:25 20:07	18:18-18:47/29 20:07	05:13 21:08	19:55-20:35/40 06:16-06:37/21	04:27 21:58	20:49-21:16/27 05:23-05:55/32	
10	08:42 15:59	07:53 17:03	06:45 18:04	06:22 20:09	18:20-18:45/25 20:09	05:11 21:10	19:57-20:35/38 06:17-06:35/18	04:26 21:59	20:50-21:17/27 05:23-05:55/32	
11	08:41 16:01	07:51 17:05	06:42 18:06	06:20 20:11	18:22-18:42/20 20:11	05:09 21:12	19:59-20:35/36 06:18-06:33/15	04:26 22:00	20:50-21:18/28 05:23-05:55/32	
12	08:41 16:03	07:48 17:08	06:39 18:09	06:17 20:13	18:25-18:40/15 20:13	05:07 21:14	20:07-20:35/28 06:20-06:31/11	04:25 22:01	20:50-21:17/27 05:23-05:55/32	
13	08:40 16:04	07:46 17:10	06:37 18:11	06:15 20:15	17:03-17:30/27 20:15	05:05 21:16	20:07-20:34/27 06:24-06:26/2	04:25 22:02	20:50-21:18/28 05:24-05:55/31	
14	08:39 16:06	07:44 17:12	06:34 18:13	06:12 20:17	17:03-17:29/26 20:17	05:03 21:18	20:08-20:35/27 05:36-05:37/1	04:24 22:03	20:50-21:18/28 05:24-05:56/32	
15	08:37 16:08	07:42 17:14	06:31 18:15	06:10 20:19	17:04-17:28/24 20:19	05:01 21:20	20:08-20:35/27 05:31-05:42/11	04:24 22:03	20:51-21:19/28 05:25-05:56/31	
16	08:36 16:10	07:39 17:17	06:29 18:17	06:07 20:21	17:05-17:27/22 20:21	04:59 21:22	20:08-20:34/26 05:29-05:44/15	04:24 22:04	20:50-21:18/28 05:25-05:56/31	
17	08:35 16:12	07:37 17:19	06:26 18:19	06:04 20:23	17:05-17:25/20 20:23	04:57 21:24	20:08-20:34/26 05:28-05:46/18	04:24 22:04	20:50-21:18/28 05:25-05:57/32	
18	08:34 16:14	07:35 17:21	06:23 18:21	06:02 20:25	17:33-17:44/11 20:25	04:55 21:26	20:09-20:34/25 05:26-05:47/21	04:24 22:05	20:51-21:19/28 05:25-05:57/32	
19	08:33 16:16	07:32 17:23	06:21 18:23	05:59 20:27	17:29-17:48/19 20:27	04:53 21:27	20:09-20:33/24 05:24-05:47/23	04:24 22:05	20:51-21:19/28 05:26-05:57/31	
20	08:31 16:18	07:30 17:25	06:18 18:25	05:57 20:29	17:26-17:50/24 20:29	04:52 21:29	20:10-20:33/23 05:24-05:49/25	04:24 22:06	20:52-21:20/28 05:26-05:57/31	
21	08:30 16:20	07:28 17:28	06:15 18:27	05:54 20:31	17:24-17:52/28 20:31	04:50 21:31	20:10-20:32/22 05:23-05:49/26	04:24 22:06	20:52-21:20/28 05:26-05:57/31	
22	08:28 16:22	07:25 17:30	06:13 18:29	05:52 20:33	17:23-17:54/31 20:33	04:48 21:33	20:11-20:32/21 05:23-05:50/27	04:24 22:06	20:52-21:20/28 05:26-05:57/31	
23	08:27 16:24	07:23 17:32	06:10 18:31	05:49 20:36	17:21-17:54/33 20:36	04:47 21:35	20:12-20:32/20 05:23-05:51/28	04:24 22:06	20:52-21:20/28 05:26-05:57/31	
24	08:25 16:26	07:20 17:34	06:07 18:34	05:47 20:38	17:19-17:55/36 20:38	04:45 21:36	20:58-20:59/1 20:12-20:30/18	05:22-05:51/29 20:12-20:30/18	04:25 22:06	20:53-21:21/28 05:27-05:58/31
25	08:24 16:28	07:18 17:36	06:05 18:36	05:45 20:40	17:19-17:56/37 20:40	04:43 21:38	20:56-21:01/5 20:14-20:30/16	05:22-05:52/30 20:14-20:30/16	04:25 22:06	20:52-21:21/29 05:26-05:58/32
26	08:22 16:30	07:15 17:39	06:02 18:38	05:42 20:42	17:17-17:56/39 20:42	04:42 21:40	20:55-21:03/8 20:15-20:29/14	05:22-05:52/30 20:15-20:29/14	04:25 22:06	20:53-21:21/28 05:27-05:58/31
27	08:20 16:32	07:13 17:41	05:59 18:40	05:40 20:44	17:16-17:56/40 20:44	04:41 21:41	20:53-21:04/11 20:16-20:27/11	05:22-05:53/31 20:16-20:27/11	04:26 22:06	20:53-21:21/28 05:27-05:58/31
28	08:19 16:34	07:10 17:43	05:57 18:42	05:37 20:46	17:16-17:56/40 20:46	04:39 21:43	20:52-21:05/13 20:19-20:25/6	05:21-05:52/31 20:19-20:25/6	04:26 22:06	20:54-21:22/28 05:27-05:59/32
29	08:17 16:37		06:54 19:44	05:35 20:48	18:15-18:56/41 20:48	04:38 21:44	20:51-21:07/16 05:21-05:53/32	20:51-21:07/16 05:21-05:53/32	04:27 22:06	20:53-21:21/28 05:27-05:59/32
30	08:15 16:39		06:51 19:46	05:33 20:50	18:15-18:56/41 20:50	04:37 21:46	20:51-21:08/17 05:21-05:53/32	20:51-21:08/17 05:21-05:53/32	04:28 22:05	20:54-21:22/28 05:27-05:59/32
31	08:13 16:41		06:49 19:48	05:37 20:50	18:15-18:56/41 20:50	04:35 21:47	20:51-21:09/18 05:21-05:53/32	20:51-21:09/18 05:21-05:53/32	22:05	05:27-05:59/32
Potential sun hours	236	266	366	426	479	507			527	
Sum of minutes with flicker	0	0	814	797	1564			1757		

Table layout: For each day in each month the following matrix apply

Day in month Sun rise (hh:mm) First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker
 Sun set (hh:mm) First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 2 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	July	August	September	October	November	December
1	04:28 20:54-21:22/28	05:14 20:11-20:16/5 06:29-06:42/13	06:15 18:21-18:41/20	07:14 17:43-18:09/26	07:19	08:20
2	22:05 05:28-06:00/32	21:24 20:18-20:45/27	20:11	18:51	16:34	15:43
3	04:29 20:54-21:21/27	05:16 20:08-20:45/37	06:17 18:18-18:43/25	07:16 17:42-18:09/27	07:21	08:22
4	22:05 05:28-06:00/32	21:22 06:28-06:44/16	20:08	18:48	16:32	15:42
5	04:30 20:54-21:22/28	05:18 20:06-20:45/39	06:19 18:16-18:45/29	07:18 17:42-18:09/27	07:24	08:24
6	22:04 05:27-06:00/33	21:20 06:26-06:46/20	20:06	18:46	16:29	15:41
7	04:31 20:55-21:22/27	05:19 20:04-20:44/40	06:21 18:14-18:46/32	07:21 17:42-18:08/26	07:26	08:25
8	22:03 05:28-06:00/32	21:18 06:26-06:47/21	20:03	18:43	16:27	15:41
9	04:32 20:55-21:22/27	05:21 20:03-20:42/39	06:23 18:13-18:47/34	07:23 17:42-18:07/25	07:28	08:27
10	22:03 05:28-06:00/32	21:16 06:24-06:48/24	20:00	18:40	16:25	15:40
11	04:33 20:56-21:22/26	05:23 20:03-20:40/37	06:25 18:12-18:47/35	07:25 17:42-18:06/24	07:30	08:29
12	22:02 05:28-06:01/33	21:14 06:23-06:48/25	19:58	18:38	16:23	15:39
13	04:34 20:56-21:22/26	05:25 20:02-20:38/36	06:27 18:11-18:48/37	07:27 17:43-18:04/21	07:32	08:30
14	22:01 05:28-06:01/33	21:12 06:23-06:49/26	19:55	18:35	16:21	15:39
15	04:35 20:56-21:21/25	05:27 20:02-20:37/35	06:29 18:10-18:48/38	07:29 17:44-18:01/17	07:34	08:31
16	22:00 05:28-06:01/33	21:10 06:22-06:50/28	19:52	18:33	16:19	15:38
17	04:37 20:57-21:20/23	05:29 20:00-20:34/34	06:31 18:09-18:48/39	07:31 17:45-17:58/13	07:37	08:33
18	21:59 05:28-06:01/33	21:07 06:22-06:50/28	19:50	18:30	16:17	15:38
19	04:38 20:57-21:19/22	05:31 20:00-20:32/32	06:33 18:07-18:47/40	07:33 17:48-17:57/9	07:39	08:34
20	21:58 05:28-06:01/33	21:05 06:20-06:50/30	19:47	18:27	16:15	15:37
21	04:39 20:57-21:18/21	05:33 20:00-20:30/30	06:35 18:07-18:47/40	07:35	07:41	08:35
22	21:57 05:29-06:02/33	21:03 06:20-06:50/30	19:44	18:25	16:13	15:37
23	04:40 20:59-21:18/19	05:35 20:00-20:25/25	06:37 18:06-18:47/41	07:37	07:43	08:37
24	21:56 05:29-06:02/33	21:00 06:20-06:50/30	19:42	18:22	16:11	15:37
25	04:42 20:59-21:17/18	05:37 20:00-20:25/25	06:39 18:06-18:47/41	07:39	07:45	08:38
26	21:55 05:29-06:02/33	20:58 06:20-06:50/30	19:39	18:20	16:09	15:36
27	04:43 21:00-21:16/16	05:39 20:00-20:24/24	06:41 18:06-18:46/40	07:41	07:47	08:39
28	21:54 05:29-06:01/32	20:56 06:20-06:50/30	19:36	18:17	16:07	15:36
29	04:45 21:01-21:15/14 05:30-06:02/32	05:41 20:00-20:21/21	06:43 18:06-18:46/40	07:43	07:49	08:40
30	21:53 20:31-20:32/1	20:53 06:20-06:50/30	19:34	18:14	16:06	15:36
31	04:46 21:02-21:14/12 05:30-06:01/31	05:43 20:00-20:19/19	06:45 18:06-18:45/39	07:45	07:51	08:41
1	21:51 20:27-20:35/8	20:51 06:20-06:49/29	19:31	18:12	16:04	15:36
2	04:48 21:03-21:12/9 05:30-06:01/31	05:45 20:01-20:17/16	06:47 18:06-18:44/38	07:47	07:53	08:42
3	21:50 20:25-20:37/12	20:49 06:20-06:48/28	19:28	18:09	16:02	15:36
4	04:49 21:05-21:12/7 05:31-06:01/30	05:47 20:02-20:14/12	06:49 18:06-18:44/38	07:49	07:56	08:43
5	21:49 20:24-20:39/15	20:46 06:21-06:47/26	19:26	18:07	16:00	15:36
6	04:51 21:06-21:10/4 05:31-06:01/30	05:49 20:03-20:12/9	06:51 18:07-18:42/35	07:51	07:58	08:43
7	21:47 20:23-20:40/17	20:44 06:21-06:46/25	19:23	18:04	15:59	15:37
8	04:52 20:22-20:41/19	05:51 20:05-20:10/5	06:52 18:07-18:41/34	07:54	08:00	08:44
9	21:46 05:32-06:01/29	20:41 06:22-06:45/23	19:20	18:02	15:57	15:37
10	04:54 20:21-20:41/20	05:53 06:24-06:44/20	06:54 18:08-18:40/32	07:56	08:02	08:45
11	21:44 05:32-06:00/28	20:39	19:18	18:00	15:56	15:37
12	04:56 20:21-20:43/22	05:55 06:26-06:42/16	06:56 18:09-18:38/29	07:58	08:04	08:45
13	21:43 05:33-06:00/27	20:36	19:15	17:57	15:54	15:38
14	04:57 20:20-20:43/23	05:57 06:28-06:40/12	06:58 18:10-18:36/26	08:00	08:06	08:46
15	21:41 05:33-05:59/26	20:34	19:12	17:55	15:53	15:38
16	04:59 20:20-20:44/24	05:59	07:00 18:12-18:33/21	08:02	08:08	08:46
17	21:39 05:35-05:59/24	20:31	19:10 17:54-18:04/10	17:52	15:51	15:39
18	05:01 20:19-20:44/25	06:01	07:02 18:15-18:29/14	07:04	08:10	08:46
19	21:37 05:36-05:58/22	20:29	19:07 17:51-18:06/15	16:50	15:50	15:40
20	05:03 20:19-20:44/25	06:03	07:04 17:48-18:08/20	07:06	08:11	08:47
21	21:36 05:37-05:56/19	20:26	19:04	16:48	15:49	15:40
22	05:04 20:19-20:45/26	06:05	07:06 17:47-18:08/21	07:08	08:13	08:47
23	21:34 05:39-05:56/17	20:24	19:02	16:45	15:48	15:41
24	05:06 20:18-20:45/27	06:07	07:08 17:45-18:09/24	07:11	08:15	08:47
25	21:32 05:41-05:54/13	20:21	18:59	16:43	15:46	15:42
26	05:08 20:18-20:45/27	06:09	07:10 17:44-18:09/25	07:13	08:17	08:47
27	21:30 05:42-05:51/9	20:19	18:56	16:41	15:45	15:43
28	05:10 20:18-20:46/28	06:11	07:12 17:43-18:10/27	07:15	08:19	08:47
29	21:28	20:16	18:54	16:38	15:44	15:44
30	05:12 20:17-20:45/28	06:13 18:24-18:39/15		07:17		08:47
31	21:26 06:33-06:40/7	20:14		16:36		15:45
Potential sun hours	528	469	384	324	248	217
Sum of minutes with flicker	1558	1122	979	215	0	0

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker
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SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 3 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June
1	08:47 15:46	08:11 16:43	07:08 17:45	06:46 18:50-19:18/28 19:50	05:30 19:21-20:17/56 20:52	04:34 21:49
2	08:47 15:48	08:09 16:45	07:05 17:47	06:43 18:49-19:17/28 19:52	05:28 19:21-20:18/57 20:54	04:33 21:50
3	08:46 15:49	08:07 16:48	07:03 17:49	06:41 18:49-19:18/29 19:54	05:26 19:21-20:18/57 20:56	04:32 21:51
4	08:46 15:50	08:05 16:50	07:00 17:51	06:38 18:48-19:17/29 19:56	05:24 19:21-20:17/56 20:58	04:31 21:53
5	08:46 15:52	08:03 16:52	06:58 17:54	06:36 18:49-19:18/29 19:58	05:21 19:22-20:16/54 21:00	04:30 21:54
6	08:45 15:53	08:01 16:54	06:55 17:56	06:33 18:48-19:17/29 20:00	05:19 19:21-20:16/55 21:02	04:29 21:55
7	08:44 15:55	07:59 16:56	06:52 17:58	06:30 18:48-19:16/28 20:02	05:17 19:22-20:15/53 21:04	04:28 21:56
8	08:44 15:56	07:57 16:59	06:50 18:00	06:28 18:49-19:16/27 20:05	05:15 19:23-20:15/52 21:06	04:28 21:57
9	08:43 15:58	07:55 17:01	06:47 18:02	06:25 18:49-19:14/25 20:07	05:13 19:23-20:14/51 21:08	04:27 21:58
10	08:42 15:59	07:53 17:03	06:45 18:04	06:22 18:50-19:13/23 20:09	05:11 19:24-19:55/31 21:10	04:26 21:59
11	08:41 16:01	07:51 17:05	06:42 18:06	06:20 18:50-19:11/21 20:11	05:09 19:24-19:54/30 21:12	04:26 22:00
12	08:41 16:03	07:48 17:08	06:39 18:08	06:17 18:52-19:10/18 20:13	05:06 19:25-19:53/28 21:14	04:25 22:01
13	08:40 16:04	07:46 17:10	06:37 18:11	06:15 18:54-19:07/13 20:15	05:04 19:26-19:52/26 21:16	04:25 22:02
14	08:39 16:06	07:44 17:12	06:34 18:13	06:12 18:59-19:03/4 20:17	05:03 19:27-19:51/24 21:18	04:24 22:03
15	08:37 16:08	07:42 17:14	06:31 18:15	06:10 20:19	05:01 19:29-19:50/21 21:20	04:24 22:03
16	08:36 16:10	07:39 17:16	06:29 18:17	06:07 20:21	04:59 19:30-19:48/18 21:22	04:24 22:04
17	08:35 16:12	07:37 17:19	06:26 18:19	06:04 20:23	04:57 19:32-19:46/14 21:24	04:24 22:04
18	08:34 16:14	07:35 17:21	06:23 18:21	06:02 19:37-19:48/11 20:25	04:55 19:36-19:43/7 21:26	04:24 22:05
19	08:33 16:16	07:32 17:23	06:21 18:23	05:59 19:33-19:51/18 20:27	04:53 21:27	04:24 22:05
20	08:31 16:18	07:30 17:25	06:18 18:25	05:57 19:31-19:53/22 20:29	04:51 21:29	04:24 22:06
21	08:30 16:20	07:28 17:28	06:15 18:27	05:54 19:29-19:55/26 20:31	04:50 21:31	04:24 22:06
22	08:28 16:22	07:25 17:30	06:13 18:29	05:52 19:27-19:55/28 20:33	04:48 21:33	04:24 22:06
23	08:27 16:24	07:23 17:32	06:10 18:31	05:49 19:26-19:57/31 20:36	04:47 21:35	04:24 22:06
24	08:25 16:26	07:20 17:34	06:07 18:34	05:47 19:25-19:58/33 20:38	04:45 21:36	04:24 22:06
25	08:24 16:28	07:18 17:36	06:05 18:36	05:45 19:24-20:08/44 20:40	04:43 21:38	04:25 22:06
26	08:22 16:30	07:15 17:38	06:02 18:38	05:42 19:23-20:11/48 20:42	04:42 21:40	04:25 22:06
27	08:20 16:32	07:13 17:41	05:59 17:59-18:11/12 18:40	05:40 19:23-20:13/50 20:44	04:41 21:41	04:26 22:06
28	08:19 16:34	07:10 17:43	05:57 17:57-18:14/17 18:42	05:37 19:21-20:14/53 20:46	04:39 21:43	04:26 22:06
29	08:17 16:37		06:54 18:54-19:16/22 19:44	05:35 19:21-20:16/55 20:48	04:38 21:44	04:27 22:06
30	08:15 16:39		06:51 18:52-19:16/24 19:46	05:33 19:21-20:17/56 20:50	04:37 21:46	04:28 22:05
31	08:13 16:41		06:49 18:52-19:18/26 19:48		04:35 21:47	
Potential sun hours	236	266	366	426	507	527
Sum of minutes with flicker	0	0	101	812	737	0

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker-	Last time (hh:mm) with flicker/	Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker-	Last time (hh:mm) with flicker/	Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 3 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	July	August	September	October	November	December
1	04:28 22:05	05:14 19:35-20:04/29 21:24 20:09-20:21/12	06:15 18:49-19:10/21 20:11	07:14 18:51	07:19 16:34	08:20 15:43
2	04:29 22:05	05:16 19:34-20:05/31 21:22 20:07-20:23/16	06:17 18:48-19:11/23 20:08	07:16 18:48	07:21 16:32	08:22 15:42
3	04:30 22:04	05:17 19:34-20:24/50 21:20	06:19 18:47-19:12/25 20:06	07:18 18:46	07:24 16:29	08:24 15:41
4	04:31 22:03	05:19 19:32-20:24/52 21:18	06:21 18:46-19:13/27 20:03	07:20 18:43	07:26 16:27	08:25 15:41
5	04:32 22:03	05:21 19:32-20:25/53 21:16	06:23 18:45-19:13/28 20:00	07:23 18:40	07:28 16:25	08:27 15:40
6	04:33 22:02	05:23 19:31-20:26/55 21:14	06:25 18:44-19:13/29 19:58	07:25 18:38	07:30 16:23	08:29 15:39
7	04:34 22:01	05:25 19:31-20:26/55 21:12	06:27 18:44-19:13/29 19:55	07:27 18:35	07:32 16:21	08:30 15:39
8	04:35 22:00	05:27 19:31-20:27/56 21:10	06:29 18:44-19:13/29 19:52	07:29 18:32	07:34 16:19	08:31 15:38
9	04:36 21:59	05:29 19:30-20:26/56 21:07	06:31 18:42-19:11/29 19:50	07:31 18:30	07:37 16:17	08:33 15:37
10	04:38 21:59	05:31 19:30-20:26/56 21:05	06:33 18:42-19:11/29 19:47	07:33 18:27	07:39 16:15	08:34 15:37
11	04:39 21:57	05:33 19:30-20:26/56 21:03	06:35 18:43-19:10/27 19:44	07:35 18:25	07:41 16:13	08:35 15:37
12	04:40 21:56	05:35 19:30-20:26/56 21:00	06:37 18:43-19:09/26 19:42	07:37 18:22	07:43 16:11	08:37 15:36
13	04:42 21:55	05:37 19:30-20:26/56 20:58	06:39 18:44-19:08/24 19:39	07:39 18:20	07:45 16:09	08:38 15:36
14	04:43 21:54	05:39 19:30-20:24/54 20:56	06:41 18:44-19:06/22 19:36	07:41 18:17	07:47 16:07	08:39 15:36
15	04:45 21:53	05:41 19:29-20:21/52 20:53	06:43 18:46-19:04/18 19:34	07:43 18:14	07:49 16:06	08:40 15:36
16	04:46 21:51	05:43 19:29-20:19/50 20:51	06:45 18:48-19:01/13 19:31	07:45 18:12	07:51 16:04	08:41 15:36
17	04:48 21:50	05:45 19:30-20:17/47 20:49	06:47 18:51-18:57/6 19:28	07:47 18:09	07:54 16:02	08:42 15:36
18	04:49 21:49	05:47 19:30-20:04/34 20:46 20:05-20:15/10	06:49 19:26	07:49 18:07	07:56 16:00	08:43 15:36
19	04:51 21:47	05:49 19:31-20:03/32 20:44 20:07-20:12/5	06:50 19:23	07:51 18:04	07:58 15:59	08:43 15:37
20	04:52 21:46	05:51 19:32-20:02/30 20:41	06:52 19:20	07:54 18:02	08:00 15:57	08:44 15:37
21	04:54 21:44	05:53 19:33-20:01/28 20:39	06:54 19:18	07:56 18:00	08:02 15:56	08:45 15:37
22	04:56 21:43	05:55 19:33-19:58/25 20:36	06:56 19:15	07:58 17:57	08:04 15:54	08:45 15:38
23	04:57 21:41	05:57 19:34-19:57/23 20:34	06:58 19:12	08:00 17:55	08:06 15:53	08:46 15:38
24	04:59 21:39	05:59 19:37-19:54/17 20:31	07:00 19:10	08:02 17:52	08:08 15:51	08:46 15:39
25	05:01 21:37	06:01 19:40-19:51/11 20:29	07:02 19:07	07:04 16:50	08:10 15:50	08:46 15:40
26	05:03 19:44-19:55/11 21:36	06:03 20:26	07:04 19:04	07:06 16:47	08:11 15:49	08:47 15:40
27	05:04 19:42-19:58/16 21:34	06:05 20:24	07:06 19:02	07:08 16:45	08:13 15:48	08:47 15:41
28	05:06 19:40-19:59/19 21:32	06:07 20:21	07:08 18:59	07:11 16:43	08:15 15:46	08:47 15:42
29	05:08 19:39-20:01/22 21:30	06:09 18:59-19:04/5 20:19	07:10 18:56	07:13 16:41	08:17 15:45	08:47 15:43
30	05:10 19:38-20:02/24 21:28	06:11 18:54-19:07/13 20:16	07:12 18:54	07:15 16:38	08:19 15:44	08:47 15:44
31	05:12 19:36-20:03/27 21:26 20:11-20:18/7	06:13 18:51-19:09/18 20:13		07:17 16:36		08:47 15:45
Potential sun hours	528	469	384	324	248	217
Sum of minutes with flicker	126	1143	405	0	0	0

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker-	Last time (hh:mm) with flicker/	Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker-	Last time (hh:mm) with flicker/	Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 4 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (30 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47	08:11	07:08	06:46	05:30	04:34 20:29-21:00/31	04:28 20:34-21:07/33	05:14	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43
2	08:47	08:09	07:05	06:43	05:28	04:33 20:29-21:00/31	04:29 20:34-21:07/33	05:16	06:17	07:16	07:21	08:22
	15:48	16:45	17:47	19:52	20:54	21:50	22:05	21:22	20:08	18:48	16:31	15:42
3	08:46	08:07	07:03	06:41	05:26	04:32 20:28-21:00/32	04:30 20:34-21:07/33	05:17	06:19	07:18	07:24	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:46	16:29	15:41
4	08:46	08:05	07:00	06:38	05:23	04:31 20:28-21:00/32	04:31 20:34-21:07/33	05:19	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:41
5	08:46	08:03	06:58	06:36	05:21	04:30 20:29-21:01/32	04:32 20:35-21:08/33	05:21	06:23	07:23	07:28	08:27
	15:52	16:52	17:54	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40
6	08:45	08:01	06:55	06:33	05:19	04:29 20:29-21:01/32	04:33 20:35-21:08/33	05:23	06:25	07:25	07:30	08:29
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39
7	08:44	07:59	06:52	06:30	05:17	04:28 20:28-21:01/33	04:34 20:35-21:08/33	05:25	06:27	07:27	07:32	08:30
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38
8	08:44	07:57	06:50	06:28	05:15	04:28 20:29-21:02/33	04:35 20:35-21:08/33	05:27	06:29	07:29	07:34	08:31
	15:56	16:59	18:00	20:04	21:06	21:57	22:00	21:10	19:52	18:32	16:19	15:38
9	08:43	07:55	06:47	06:25	05:13	04:27 20:29-21:02/33	04:36 20:36-21:08/32	05:29	06:31	07:31	07:37	08:33
	15:58	17:01	18:02	20:07	21:08	21:58	22:00	21:07	19:50	18:30	16:17	15:37
10	08:42	07:53	06:45	06:22	05:11	04:26 20:29-21:03/34	04:38 20:36-21:08/32	05:31	06:33	07:33	07:39	08:34
	15:59	17:03	18:04	20:09	21:10	21:59	21:59	21:05	19:47	18:27	16:15	15:37
11	08:41	07:51	06:42	06:20	05:08	04:26 20:29-21:02/33	04:39 20:36-21:07/31	05:33	06:35	07:35	07:41	08:35
	16:01	17:05	18:06	20:11	21:12	22:00	21:58	21:03	19:44	18:25	16:13	15:37
12	08:41	07:48	06:39	06:17	05:06	04:25 20:29-21:03/34	04:40 20:37-21:08/31	05:35	06:37	07:37	07:43	08:37
	16:03	17:08	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36
13	08:40	07:46	06:37	06:15	05:04	04:25 20:30-21:03/33	04:42 20:37-21:08/31	05:37	06:39	07:39	07:45	08:38
	16:04	17:10	18:11	20:15	21:16	22:02	21:55	20:58	19:39	18:20	16:09	15:36
14	08:39	07:44	06:34	06:12	05:02	04:24 20:30-21:04/34	04:43 20:38-21:07/29	05:39	06:41	07:41	07:47	08:39
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36
15	08:37	07:42	06:31	06:09	05:01	04:24 20:30-21:03/33	04:44 20:38-21:07/29	05:41	06:43	07:43	07:49	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36
16	08:36	07:39	06:29	06:07	04:59	04:24 20:30-21:03/33	04:46 20:39-21:07/28	05:43	06:45	07:45	07:51	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36
17	08:35	07:37	06:26	06:04	04:57	04:24 20:30-21:04/34	04:47 20:39-21:06/27	05:45	06:47	07:47	07:54	08:42
	16:12	17:19	18:19	20:23	21:24	22:05	21:50	20:49	19:28	18:09	16:02	15:36
18	08:34	07:35	06:23	06:02	04:55	04:24 20:30-21:04/34	04:49 20:40-21:06/26	05:47	06:48	07:49	07:56	08:43
	16:14	17:21	18:21	20:25	21:26	22:05	21:49	20:46	19:26	18:07	16:00	15:36
19	08:33	07:32	06:21	05:59	04:53 20:38-20:47/9	04:24 20:31-21:04/33	04:51 20:41-21:05/24	05:49	06:50	07:51	07:58	08:43
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:37
20	08:31	07:30	06:18	05:57	04:51 20:36-20:50/14	04:24 20:31-21:04/33	04:52 20:42-21:05/23	05:51	06:52	07:54	08:00	08:44
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37
21	08:30	07:28	06:15	05:54	04:50 20:34-20:52/18	04:24 20:32-21:05/33	04:54 20:43-21:04/21	05:53	06:54	07:56	08:02	08:45
	16:20	17:28	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37
22	08:28	07:25	06:13	05:52	04:48 20:33-20:53/20	04:24 20:32-21:05/33	04:56 20:44-21:03/19	05:55	06:56	07:58	08:04	08:45
	16:22	17:30	18:29	20:33	21:33	22:06	21:43	20:36	19:15	17:57	15:54	15:38
23	08:27	07:23	06:10	05:49	04:46 20:32-20:54/22	04:24 20:32-21:05/33	04:57 20:45-21:01/16	05:57	06:58	08:00	08:06	08:46
	16:24	17:32	18:31	20:36	21:35	22:06	21:41	20:34	19:12	17:55	15:53	15:38
24	08:25	07:20	06:07	05:47	04:45 20:31-20:55/24	04:24 20:33-21:06/33	04:59 20:47-21:00/13	05:59	07:00	08:02	08:08	08:46
	16:26	17:34	18:34	20:38	21:36	22:06	21:39	20:31	19:10	17:52	15:51	15:39
25	08:24	07:18	06:05	05:45	04:43 20:31-20:56/25	04:25 20:32-21:06/34	05:01 20:50-20:56/6	06:01	07:02	08:04	08:10	08:47
	16:28	17:36	18:36	20:40	21:38	22:06	21:38	20:29	19:07	16:50	15:50	15:39
26	08:22	07:15	06:02	05:42	04:42 20:31-20:57/26	04:25 20:32-21:06/34	05:03	06:03	07:04	08:06	08:11	08:47
	16:30	17:38	18:38	20:42	21:40	22:06	21:36	20:26	19:04	16:47	15:49	15:40
27	08:20	07:13	05:59	05:40	04:40 20:30-20:57/27	04:26 20:33-21:06/33	05:04	06:05	07:06	08:08	08:13	08:47
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:02	16:45	15:47	15:41
28	08:19	07:10	05:57	05:37	04:39 20:29-20:58/29	04:26 20:32-21:06/34	05:06	06:07	07:08	08:11	08:15	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	16:43	15:46	15:42
29	08:17		06:54	05:35	04:38 20:29-20:58/29	04:27 20:33-21:06/33	05:08	06:09	07:10	08:13	08:17	08:47
	16:37		19:44	20:48	21:44	22:06	21:30	20:19	18:56	16:40	15:45	15:43
30	08:15		06:51	05:33	04:36 20:29-20:59/30	04:28 20:34-21:07/33	05:10	06:11	07:12	08:15	08:19	08:47
	16:39		19:46	20:50	21:46	22:05	21:28	20:16	18:54	16:38	15:44	15:44
31	08:13		06:49		04:35 20:29-20:59/30		05:12	06:13		07:17		08:47
	16:41		19:48		21:47		21:26	20:13		16:36		15:45
Potential sun hours	236	266	366	426	507	527	682	469	384	324	248	217
Sum of minutes with flicker	0	0	0	0	303	990	682	0	384	0	248	0

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 5 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	
1	08:47 10:23-11:56/93 15:46 14:15-14:37/22	08:11 08:45-09:06/21 16:43 14:11-15:01/50	07:08 17:45	06:46 19:50	05:30 20:52	04:34 21:49	
2	08:47 10:24-11:57/93 15:47 14:15-14:39/24	08:09 08:43-09:06/23 16:45 14:12-15:02/50	07:05 17:47	06:43 19:52	05:28 20:54	04:33 21:50	
3	08:46 10:51-11:57/66 14:14-14:39/25 15:49 10:24-10:50/26	08:07 08:42-09:07/25 16:47 14:11-15:01/50	07:03 17:49	06:41 19:54	05:26 20:56	04:32 21:51	
4	08:46 10:51-11:56/65 14:13-14:40/27 15:50 10:25-10:50/25	08:05 08:40-09:07/27 16:50 14:12-15:01/49	07:00 17:51	06:38 19:56	05:23 20:58	04:31 21:53	
5	08:46 10:53-11:57/64 14:14-14:42/28 15:51 10:26-10:51/25	08:03 08:40-09:08/28 16:52 14:13-15:01/48	06:57 17:54	06:35 19:58	05:21 21:00	04:30 21:54	
6	08:45 10:53-11:57/64 14:13-14:43/30 15:53 10:27-10:51/24	08:01 08:39-09:08/29 16:54 14:14-15:01/47	08:01 17:56	06:55 20:00	06:33 21:02	05:19 21:55	
7	08:44 10:54-11:58/64 14:13-14:44/31 15:54 10:27-10:51/24	07:59 08:39-09:09/30 16:56 14:14-15:01/47	06:52 17:58	06:30 20:02	05:17 21:04	04:28 21:56	
8	08:44 10:55-11:58/63 14:13-14:45/32 15:56 10:28-10:50/22	07:57 08:38-09:09/31 16:59 14:15-14:59/44	06:50 18:00	06:28 20:04	05:15 21:06	04:27 21:57	
9	08:43 10:56-11:58/62 14:12-14:46/34 15:57 10:29-10:50/21	07:55 08:38-09:10/32 17:01 14:16-14:59/43	06:47 18:02	06:25 20:07	05:13 21:08	04:27 21:58	
10	08:42 10:58-11:58/60 14:12-14:47/35 15:59 10:30-10:50/20	07:53 08:38-09:11/33 17:03 14:17-14:59/42	06:44 18:04	06:22 20:09	05:10 21:10	04:26 21:59	
11	08:41 11:00-11:58/58 14:12-14:48/36 16:01 10:32-10:50/18	07:51 08:37-09:10/33 17:05 14:18-14:57/39	06:42 18:06	06:20 20:11	05:08 21:12	04:26 22:00	
12	08:41 11:02-11:58/56 14:12-14:50/38 16:03 10:33-10:49/16	07:48 08:37-09:11/34 08:17-08:25/8 17:07 14:19-14:56/37	06:39 18:08	06:17 20:13	05:06 21:14	04:25 22:01	
13	08:40 10:34-10:48/14 11:05-11:57/52 16:04 14:11-14:50/39	07:46 08:37-09:10/33 08:14-08:27/13 17:10 14:20-14:54/34	06:37 18:11	06:15 20:15	05:04 21:16	04:25 22:02	
14	08:39 10:37-10:46/9 11:06-11:58/52 16:06 14:11-14:51/40	07:44 08:37-09:10/33 08:12-08:29/17 17:12 14:22-14:53/31	06:34 18:13	06:12 20:17	05:02 21:18	04:24 22:03	
15	08:37 14:11-14:53/42 16:08 11:07-11:58/51	07:42 08:38-09:10/32 08:11-08:31/20 17:14 14:24-14:51/27	06:31 18:15	06:09 20:19	05:00 21:20	04:24 22:03	
16	08:36 14:11-14:53/42 16:10 11:07-11:57/50	07:39 08:38-09:09/31 08:10-08:31/21 17:16 14:27-14:48/21	06:29 18:17	06:07 20:21	04:59 21:22	04:24 22:04	
17	08:35 14:11-14:54/43 16:12 11:08-11:57/49	07:37 08:39-09:09/30 08:09-08:32/23 17:19 14:32-14:45/13	06:26 18:19	06:04 20:23	04:57 21:24	04:24 22:05	
18	08:34 14:10-14:55/45 16:14 11:08-11:55/47	07:35 08:39-09:08/29 17:21 08:08-08:32/24	06:23 18:21	06:02 20:25	04:55 21:26	04:23 22:05	
19	08:33 14:11-14:56/45 16:16 11:09-11:55/46	07:32 08:40-09:07/27 17:23 08:09-08:33/24	06:21 18:23	05:59 20:27	04:53 21:27	04:23 22:05	
20	08:31 14:10-14:56/46 16:18 11:10-11:54/44	07:30 08:41-09:06/25 17:25 08:08-08:32/24	06:18 18:25	05:57 20:29	04:51 21:29	04:23 22:06	
21	08:30 14:10-14:57/47 16:20 11:10-11:52/42	07:28 08:43-09:04/21 17:27 08:09-08:32/23	06:15 18:27	05:54 20:31	04:50 21:31	04:24 22:06	
22	08:28 14:10-14:57/47 16:22 11:11-11:51/40	07:25 08:45-09:02/17 17:30 08:08-08:32/24	06:13 18:29	05:52 20:33	04:48 21:33	04:24 22:06	
23	08:27 14:10-14:59/49 16:24 11:13-11:51/38	07:23 08:47-08:58/11 17:32 08:09-08:32/23	06:10 18:31	05:49 20:36	04:46 21:35	04:24 22:06	
24	08:25 14:10-14:59/49 16:26 11:14-11:51/37	07:20 08:10-08:30/20 17:34	06:07 18:33	05:47 20:38	04:45 21:36	04:24 22:06	
25	08:24 14:10-14:59/49 16:28 11:15-11:50/35	07:18 08:10-08:29/19 17:36	06:05 18:36	05:44 20:40	04:43 21:38	04:25 22:06	
26	08:22 14:10-15:00/50 16:30 11:16-11:49/33	07:15 08:12-08:27/15 17:38	06:02 18:38	05:42 20:42	04:42 21:40	04:25 22:06	
27	08:20 14:10-15:00/50 16:32 11:17-11:48/31	07:13 08:14-08:24/10 17:41	05:59 18:40	05:40 20:44	04:40 21:41	04:26 22:06	
28	08:19 14:10-15:00/50 08:50-08:59/9 16:34 11:19-11:46/27	07:10 17:43	05:57 18:42	05:37 20:46	04:39 21:43	04:26 22:06	
29	08:17 14:10-15:01/51 08:48-09:01/13 16:36 11:21-11:45/24	07:08 17:45	06:54 19:44	05:35 20:48	04:38 21:44	04:27 22:06	
30	08:15 14:10-15:01/51 08:46-09:03/17 16:39 11:24-11:43/19	07:06 17:46	06:51 19:46	05:33 20:50	04:36 21:46	04:27 22:05	
31	08:13 08:45-09:04/19 11:27-11:39/12 16:41 14:11-15:01/50	07:04 17:48	06:49 19:48	05:31 20:52	04:35 21:47	04:26 22:05	
	Potential sun hours Sum of minutes with flicker	236 3086	266 1615	366 0	426 0	507 0	528 0

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 5 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	July	August	September	October	November	December
1	04:28 22:05	05:14 21:24	06:15 20:11	07:14 18:51	07:19 16:34	08:20 15:43
2	04:29 22:05	05:15 21:22	06:17 20:08	07:16 18:48	07:21 16:31	08:22 15:42
3	04:30 22:04	05:17 21:20	06:19 20:06	07:18 18:46	07:24 16:29	08:24 15:41
4	04:31 22:03	05:19 21:18	06:21 20:03	07:20 18:43	07:26 16:27	08:25 15:40
5	04:32 22:03	05:21 21:16	06:23 20:00	07:22 18:40	07:28 16:25	08:27 15:40
6	04:33 22:02	05:23 21:14	06:25 19:58	07:24 18:38	07:30 16:23	08:29 15:39
7	04:34 22:01	05:25 21:12	06:27 19:55	07:27 18:35	07:32 16:21	08:30 15:38
8	04:35 22:00	05:27 21:09	06:29 19:52	07:29 18:32	07:34 16:19	08:31 15:38
9	04:36 22:00	05:29 21:07	06:31 19:50	07:31 18:30	07:37 16:17	08:33 15:37
10	04:38 21:59	05:31 21:05	06:33 19:47	07:33 18:27	07:39 16:15	08:34 15:37
11	04:39 21:58	05:33 21:03	06:35 19:44	07:35 18:25	07:41 16:13	08:35 15:37
12	04:40 21:56	05:35 21:00	06:37 19:42	07:37 18:22	07:43 16:11	08:37 15:36
13	04:41 21:55	05:37 20:58	06:39 19:39	07:39 18:19	07:45 16:09	08:38 15:36
14	04:43 21:54	05:39 20:56	06:41 19:36	07:41 18:17	07:47 16:07	08:39 15:36
15	04:44 21:53	05:41 20:53	06:42 19:34	07:43 18:14	07:49 16:05	08:40 15:36
16	04:46 21:51	05:43 20:51	06:44 19:31	07:45 18:12	07:51 16:04	08:41 15:36
17	04:47 21:50	05:45 20:49	06:46 19:28	07:47 18:09	07:54 16:02	08:42 15:36
18	04:49 21:49	05:47 20:46	06:48 19:26	07:49 18:07	07:56 16:00	08:43 15:36
19	04:51 21:47	05:49 20:44	06:50 19:23	07:51 18:04	07:58 15:59	08:43 15:36
20	04:52 21:46	05:51 20:41	06:52 19:20	07:54 18:02	08:00 15:57	08:44 15:37
21	04:54 21:44	05:53 20:39	06:54 19:18	07:56 17:59	08:02 15:56	08:45 15:37
22	04:55 21:43	05:55 20:36	06:56 19:15	07:58 17:57	08:04 15:54	08:45 15:38
23	04:57 21:41	05:57 20:34	06:58 19:12	08:00 17:55	08:06 15:53	08:46 15:38
24	04:59 21:39	05:59 20:31	07:00 19:10	08:02 17:52	08:08 15:51	08:46 15:39
25	05:01 21:37	06:01 20:29	07:02 19:07	08:04 16:50	08:10 15:50	08:47 15:39
26	05:02 21:36	06:03 20:26	07:04 19:04	08:06 16:47	08:11 15:49	08:47 15:40
27	05:04 21:34	06:05 20:24	07:06 19:02	08:08 16:45	08:13 15:47	08:47 15:41
28	05:06 21:32	06:07 20:21	07:08 18:59	08:11 16:43	08:15 15:46	08:47 15:42
29	05:08 21:30	06:09 20:19	07:10 18:56	08:13 16:40	08:17 15:45	08:47 15:43
30	05:10 21:28	06:11 20:16	07:12 18:53	08:15 16:38	08:19 15:44	08:47 15:44
31	05:12 21:26	06:13 20:13		08:17 16:36		08:47 15:45
Potential sun hours	528	469	384	324	248	217
Sum of minutes with flicker	0	0	0	885	2555	3466

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	Sun set (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker
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SHADOW - Calendar per WTG

Calculation: Riebiņi VES mirgoša WTG: 6 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47 09:43-10:11/28	08:11 07:08	06:46 05:30	04:34 04:28	05:14 06:15	07:14 07:19	08:20 09:30-09:57/27	08:11 07:08	06:46 05:30	04:34 04:28	05:14 06:15	07:14 07:19
2	15:46 13:49-14:20/31	16:43 17:45	19:50 20:52	21:49 22:05	21:24 20:11	18:51 16:34	15:43 13:37-14:04/27	08:47 09:44-10:12/28	08:09 07:05	06:43 05:28	04:33 04:29	05:15 06:17
3	15:47 13:50-14:20/30	16:45 17:47	19:52 20:54	21:50 22:05	21:22 20:08	18:48 16:31	15:42 13:37-14:05/28	08:46 09:44-10:12/28	08:07 07:03	06:41 05:26	04:32 04:30	05:17 06:19
4	15:49 13:50-14:20/30	16:47 17:49	19:54 20:56	21:51 22:04	21:20 20:06	18:46 16:29	15:41 13:36-14:05/29	08:46 09:44-10:12/28	08:05 07:00	06:38 05:23	04:31 04:31	05:19 06:21
5	15:50 13:50-14:20/30	16:50 17:51	19:56 20:58	21:53 22:03	21:18 20:03	18:43 16:27	15:40 13:37-14:06/29	08:46 09:45-10:13/28	08:03 06:57	06:35 05:21	04:30 04:32	05:21 06:23
6	15:51 13:51-14:21/30	16:52 17:54	19:58 21:00	21:54 22:03	21:16 20:00	18:40 16:25	15:40 13:37-14:07/30	08:45 09:45-10:13/28	08:01 06:55	06:33 05:19	04:29 04:33	05:23 06:25
7	15:53 13:52-14:21/29	16:54 17:56	20:00 21:02	21:55 22:02	21:14 19:58	18:38 16:23	15:39 13:38-14:07/29	08:44 09:46-10:14/28	07:59 06:52	06:30 05:17	04:28 04:34	05:25 06:27
8	15:54 13:52-14:21/29	16:56 17:58	20:02 21:04	21:56 22:01	21:12 19:55	18:35 16:21	15:38 13:37-14:07/30	08:44 09:46-10:14/28	07:57 06:50	06:28 05:15	04:27 04:35	05:27 06:29
9	15:56 13:53-14:22/29	16:59 18:00	20:04 21:06	21:57 22:00	21:09 19:52	18:32 16:19	15:38 13:38-14:08/30	08:43 09:47-10:14/27	07:55 06:47	06:25 05:13	04:27 04:36	05:29 06:31
10	15:58 13:53-14:22/29	17:01 18:02	20:07 21:08	21:58 21:59	21:07 19:50	18:30 16:17	15:37 13:38-14:08/30	08:42 09:47-10:15/28	07:53 06:44	06:22 05:10	04:26 04:38	05:31 06:33
11	15:59 13:54-14:22/28	17:03 18:04	20:09 21:10	21:59 21:59	21:05 19:47	18:27 16:15	15:37 13:39-14:09/30	08:41 09:48-10:15/27	07:51 06:42	06:20 05:08	04:26 04:39	05:33 06:35
12	16:01 13:55-14:22/27	17:05 18:06	20:11 21:12	22:00 21:57	21:03 19:44	18:25 16:13	15:37 13:39-14:10/31	08:41 09:49-10:16/27	07:48 06:39	06:17 05:06	04:25 04:40	05:35 06:37
13	16:03 13:56-14:22/26	17:07 18:08	20:13 21:14	22:01 21:56	21:00 19:42	18:22 16:11	15:36 13:39-14:10/31	08:40 09:49-10:15/26	07:46 06:37	06:15 05:04	04:25 04:42	05:37 06:39
14	16:04 13:56-14:21/25	17:10 18:11	20:15 21:16	22:02 21:55	20:58 19:39	18:19 16:09	15:36 13:40-14:11/31	08:39 09:50-10:15/25	07:44 06:34	06:12 05:02	04:24 04:43	05:39 06:41
15	16:06 13:58-14:21/23	17:12 18:13	20:17 21:18	22:03 21:54	20:56 19:36	18:17 16:07	15:36 13:40-14:11/31	08:37 09:51-10:16/25	07:42 06:31	06:09 05:00	04:24 04:44	05:41 06:42
16	16:08 13:59-14:21/22	17:14 18:15	20:19 21:20	22:03 21:53	20:53 19:34	18:14 16:05	15:36 13:41-14:12/31	08:36 09:51-10:15/24	07:39 06:29	06:07 05:00	04:24 04:46	05:43 06:44
17	16:10 14:00-14:20/20	17:16 18:17	20:21 21:22	22:04 21:51	20:51 19:31	18:12 16:04	15:36 13:41-14:12/31	08:35 09:52-10:15/23	07:37 06:26	06:04 04:57	04:24 04:47	05:45 06:46
18	16:12 14:02-14:20/18	17:19 18:19	20:23 21:24	22:05 21:50	20:49 19:28	18:09 16:02	15:36 13:42-14:13/31	08:34 09:53-10:15/22	07:35 06:23	06:02 04:55	04:23 04:49	05:47 06:48
19	16:14 14:03-14:19/16	17:21 18:21	20:25 21:26	22:05 21:49	20:46 19:26	18:07 16:00	15:36 13:42-14:14/32	08:33 09:54-10:15/21	07:32 06:21	05:59 04:53	04:23 04:51	05:49 06:50
20	16:16 14:06-14:18/12	17:23 18:23	20:27 21:27	22:05 21:47	20:44 19:23	18:04 16:04	15:36 13:42-14:13/31	08:31 09:55-10:14/19	07:30 06:18	05:57 04:51	04:23 04:52	05:51 06:52
21	16:18 14:09-14:14/5	17:25 18:25	20:29 21:29	22:06 21:46	20:41 19:20	18:02 16:02	15:37 13:43-14:14/31	08:30 09:57-10:12/15	07:28 06:15	05:54 04:50	04:24 04:54	05:53 06:54
22	16:20 16:20	17:27 18:27	20:31 21:31	22:06 21:44	20:39 19:18	17:59 15:56	15:37 13:44-14:15/31	08:28 09:59-10:12/13	07:25 06:13	05:52 04:48	04:24 04:56	05:55 06:56
23	16:22 16:22	17:30 18:30	20:33 21:33	22:06 21:43	20:36 19:15	17:57 15:54	15:34 13:45-14:15/31	08:27 10:02-10:09/7	07:23 06:10	05:49 04:46	04:24 04:57	05:57 06:58
24	16:24 16:24	17:32 18:32	20:35 21:35	22:06 21:41	20:34 19:12	17:55 15:53	15:34 13:44-14:15/31	08:25 16:25	07:20 06:07	05:47 04:45	04:24 04:59	05:59 07:00
25	16:26 16:26	17:34 18:34	20:38 21:38	22:06 21:39	20:31 19:10	17:52 15:51	15:34 13:45-14:16/31	08:24 16:24	07:18 06:05	05:44 04:43	04:25 05:01	06:01 07:02
26	16:28 16:28	17:36 18:36	20:40 21:38	22:06 21:37	20:29 19:07	17:50 15:50	15:34 13:46-14:16/31	08:22 16:24	07:15 06:02	05:42 04:42	04:25 05:02	06:03 07:04
27	16:30 16:30	17:38 18:38	20:42 21:40	22:06 21:36	20:26 19:04	17:47 15:49	15:34 13:47-14:17/32	08:20 16:26	07:13 06:00	05:40 04:40	04:26 05:04	06:05 07:06
28	16:32 16:32	17:41 18:40	20:44 21:41	22:06 21:34	20:24 19:02	17:45 15:47	15:34 13:48-14:17/31	08:19 16:32	07:10 06:00	05:37 04:39	04:26 05:06	06:07 07:08
29	16:34 16:34	17:43 18:42	20:46 21:43	22:06 21:32	20:21 18:59	17:43 15:46	15:34 13:48-14:18/32	08:17 16:34	07:08 06:00	05:35 04:38	04:27 05:08	06:09 07:10
30	16:36 16:36	17:44 18:44	20:48 21:44	22:06 21:30	20:19 18:56	17:40 15:43	15:34 13:49-14:18/31	08:15 16:36	07:05 06:00	05:33 04:36	04:28 05:10	06:11 07:12
31	16:39 16:39	17:46 18:46	20:50 21:46	22:05 21:28	20:16 18:54	17:38 15:44	15:34 13:48-14:19/31	08:13 16:38	07:03 06:00	05:30 04:35	04:35 05:12	06:13 07:14
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	1796
Sum of minutes with flicker	1042	0	0	0	0	0	0	0	0	0	413	1796

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker
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SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 7 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31

Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	
1	08:47 10:17-11:00/43 15:46	08:11 15:48-16:05/17 09:01-09:48/47 16:43 10:26-11:12/46	07:08 17:11-17:16/5 17:45	06:46 19:50	05:30 20:52	04:34 21:49	
2	08:47 10:18-11:02/44 15:47	08:09 15:46-16:07/21 09:01-09:47/46 16:45 10:27-11:12/45	07:05 17:06-17:18/12 17:47	06:43 19:52	05:28 20:54	04:33 21:50	
3	08:46 10:18-11:02/44 15:49	08:07 15:44-16:08/24 09:01-09:47/46 16:47 10:27-11:10/43	07:03 17:03-17:20/17 17:49	06:41 19:54	05:26 20:56	04:32 21:51	
4	08:46 10:18-11:02/44 15:50	08:05 15:43-16:09/26 09:01-09:45/44 16:50 10:29-11:10/41	07:00 17:02-17:23/21 17:51	06:38 19:56	05:23 20:58	04:31 21:53	
5	08:46 10:19-11:04/45 15:51	08:03 15:42-16:18/36 09:01-09:44/43 16:52 10:30-11:09/39	06:57 17:01-17:24/23 17:53	06:35 19:58	05:21 21:00	04:30 21:54	
6	08:45 10:18-11:04/46 15:53	08:01 15:42-16:21/39 09:02-09:42/40 16:54 10:31-11:08/37	06:55 16:59-17:25/26 17:56	06:33 20:00	05:19 21:02	04:29 21:55	
7	08:44 10:18-11:05/47 15:54	07:59 15:41-16:23/42 09:33-09:39/6 16:56 10:33-11:07/34 09:02-09:32/30	06:52 16:59-17:26/27 17:58	06:30 20:02	05:17 21:04	04:28 21:56	
8	08:44 10:19-11:05/46 15:56 09:27-09:28/1	07:57 15:40-16:25/45 09:02-09:31/29 16:58 10:34-11:04/30	06:50 16:58-17:26/28 18:00	06:28 20:04	05:15 21:06	04:27 21:57	
9	08:43 10:19-11:06/47 15:57 09:24-09:32/8	07:55 15:40-16:28/48 09:03-09:31/28 17:01 10:37-11:03/26	06:47 16:57-17:25/28 18:02	06:25 20:06	05:12 21:08	04:27 21:58	
10	08:42 10:19-11:07/48 15:59 09:22-09:34/12	07:53 15:39-16:28/49 09:05-09:30/25 17:03 10:40-11:00/20	06:44 16:57-17:26/29 18:04	06:22 20:09	05:10 21:10	04:26 21:59	
11	08:41 10:19-11:07/48 16:01 09:22-09:36/14	07:51 15:39-16:29/50 09:05-09:29/24 17:05 10:43-10:55/12	06:42 16:57-17:25/28 18:06	06:20 20:11	05:08 21:12	04:25 22:00	
12	08:41 10:20-11:08/48 16:02 09:21-09:38/17	07:48 15:40-16:30/50 17:07 09:07-09:28/21	06:39 16:57-17:24/27 18:08	06:17 20:13	05:06 21:14	04:25 22:01	
13	08:40 10:19-11:08/49 16:04 09:20-09:38/18	07:46 15:39-16:29/50 17:10 09:08-09:25/17	06:37 16:57-17:24/27 18:10	06:15 20:15	05:04 21:16	04:25 22:02	
14	08:39 10:19-11:09/50 16:06 09:19-09:40/21	07:44 15:39-16:30/51 17:12 09:11-09:23/12	06:34 16:58-17:23/25 18:13	06:12 20:17	05:02 21:18	04:24 22:03	
15	08:37 10:20-11:10/50 16:08 09:19-09:41/22	07:42 15:39-16:29/50 17:14	06:31 16:58-17:22/24 18:15	06:09 20:19	05:00 21:20	04:24 22:03	
16	08:36 10:20-11:10/50 16:10 09:19-09:42/23	07:39 15:40-16:29/49 17:16	06:29 17:00-17:21/21 18:17	06:07 20:21	04:58 21:22	04:24 22:04	
17	08:35 10:20-11:11/51 16:12 09:19-09:43/24	07:37 15:40-16:28/48 17:19	06:26 17:01-17:19/18 18:19	06:04 20:23	04:57 21:24	04:23 22:04	
18	08:34 10:20-11:11/51 16:14 09:18-09:44/26	07:35 15:41-16:28/47 17:21	06:23 17:03-17:16/13 18:21	06:02 20:25	04:55 21:26	04:23 22:05	
19	08:33 10:21-11:12/51 16:16 09:19-09:45/26	07:32 15:41-16:26/45 17:23	06:21 17:09-17:10/1 18:23	05:59 20:27	04:53 21:27	04:23 22:05	
20	08:31 10:21-11:12/51 09:10-09:17/7 16:17 09:18-09:46/28	07:30 15:42-16:25/43 17:25	06:18 18:25	05:57 20:29	04:51 21:29	04:23 22:06	
21	08:30 10:21-11:12/51 16:20 09:07-09:46/39	07:27 15:43-16:23/40 17:27	06:15 18:27	05:54 20:31	04:50 21:31	04:23 22:06	
22	08:28 10:21-11:12/51 16:22 09:05-09:46/41	07:25 15:45-16:09/24 17:30 16:15-16:19/4	06:13 18:29	05:52 20:33	04:48 21:33	04:24 22:06	
23	08:27 10:22-11:13/51 16:24 09:05-09:48/43	07:23 15:46-16:07/21 17:32	06:10 18:31	05:49 20:35	04:46 21:34	04:24 22:06	
24	08:25 10:22-11:13/51 16:26 09:04-09:48/44	07:20 15:49-16:05/16 17:34	06:07 18:33	05:47 20:38	04:45 21:36	04:24 22:06	
25	08:24 10:22-11:13/51 16:28 09:03-09:48/45	07:18 15:53-16:00/7 17:36	06:05 18:35	05:44 20:40	04:43 21:38	04:25 22:06	
26	08:22 10:23-11:13/50 16:30 09:02-09:48/46	07:15 17:38	06:02 18:38	05:42 20:42	04:42 21:40	04:25 22:06	
27	08:20 10:23-11:13/50 16:32 09:02-09:48/46	07:13 17:41	05:59 18:40	05:40 20:44	04:40 21:41	04:26 22:06	
28	08:19 10:24-11:13/49 16:34 09:01-09:48/47	07:10 17:43	05:57 18:42	05:37 20:46	04:39 21:43	04:26 22:06	
29	08:17 10:24-11:13/49 16:36 09:01-09:48/47		06:54 19:44	05:35 20:48	04:38 21:44	04:27 22:06	
30	08:15 10:25-11:13/48 16:39 09:01-09:48/47		06:51 19:46	05:32 20:50	04:36 21:46	04:27 22:05	
31	08:13 15:50-16:02/12 09:01-09:48/47 16:41 10:26-11:12/46		06:49 19:48		04:35 21:47		
	Potential sun hours Sum of minutes with flicker	236 2251	266 1773	366 400	426 0	507 0	528 0

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 7 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	July	August	September	October	November	December
1	04:28	05:13	06:15	07:14 17:37-18:04/27	07:19 15:09-15:57/48 08:33-08:59/26	08:20 10:01-10:50/49
	22:05	21:24	20:11	18:51	16:34 10:08-10:29/21	15:43 09:04-09:18/14
2	04:29	05:15	06:17	07:16 17:36-18:04/28	07:21 15:10-15:57/47 08:33-09:01/28	08:22 10:02-10:50/48
	22:05	21:22	20:08	18:48	16:31 10:06-10:33/27	15:42 09:05-09:17/12
3	04:30	05:17	06:19	07:18 17:35-18:04/29	07:24 15:10-15:55/45 08:32-09:01/29	08:24 10:02-10:49/47
	22:04	21:20	20:06	18:45	16:29 10:04-10:34/30	15:41 09:08-09:16/8
4	04:31	05:19	06:21	07:20 17:35-18:04/29	07:26 15:10-15:52/42 08:32-09:09/37	08:25 10:03-10:49/46
	22:03	21:18	20:03	18:43	16:27 10:03-10:37/34	15:40 09:10-09:13/3
5	04:32	05:21	06:23	07:22 17:35-18:03/28	07:28 15:12-15:50/38 08:31-09:12/41	08:27 10:04-10:50/46
	22:03	21:16	20:00	18:40	16:25 10:01-10:38/37	15:40
6	04:33	05:23	06:25	07:24 17:35-18:02/27	07:30 15:12-15:40/28 09:59-10:39/40	08:29 10:05-10:50/45
	22:02	21:14	19:58	18:38	16:23 15:42-15:48/6 08:31-09:14/43	15:39
7	04:34	05:25	06:27	07:26 17:35-18:01/26	07:32 15:14-15:40/26 08:31-09:16/45	08:30 10:05-10:50/45
	22:01	21:12	19:55	18:35	16:21 09:59-10:40/41	15:38
8	04:35	05:27	06:29	07:29 17:35-18:00/25	07:34 15:15-15:38/23 08:31-09:17/46	08:31 10:06-10:50/44
	22:00	21:09	19:52	18:32	16:19 09:58-10:41/43	15:38
9	04:36	05:29	06:31	07:31 17:36-17:58/22	07:36 15:16-15:37/21 08:32-09:18/46	08:33 10:06-10:50/44
	21:59	21:07	19:50	18:30	16:17 09:58-10:43/45	15:37
10	04:37	05:31	06:33	07:33 17:37-17:55/18	07:39 15:19-15:35/16 08:32-09:19/47	08:34 10:07-10:51/44
	21:58	21:05	19:47	18:27	16:15 09:57-10:43/46	15:37
11	04:39	05:33	06:35	07:35 17:39-17:54/15	07:41 15:21-15:32/11 08:32-09:19/47	08:35 10:07-10:51/44
	21:57	21:03	19:44	18:25	16:13 09:56-10:43/47	15:37
12	04:40	05:35	06:37	07:37 17:42-17:51/9	07:43 09:57-10:44/47	08:37 10:08-10:50/42
	21:56	21:00	19:42	18:22	16:11 08:33-09:20/47	15:36
13	04:41	05:37	06:38	07:39	07:45 09:56-10:45/49	08:38 10:09-10:51/42
	21:55	20:58	19:39	18:19	16:09 08:33-09:20/47	15:36
14	04:43	05:39	06:40	07:41	07:47 09:55-10:45/50	08:39 10:10-10:52/42
	21:54	20:56	19:36	18:17	16:07 08:33-09:20/47	15:36
15	04:44	05:41	06:42	07:43	07:49 09:56-10:46/50	08:40 10:10-10:52/42
	21:53	20:53	19:34	18:14	16:05 08:35-09:21/46	15:36
16	04:46	05:43	06:44	07:45	07:51 09:56-10:46/50	08:41 10:11-10:52/41
	21:51	20:51	19:31	18:12	16:04 08:35-09:21/46	15:36
17	04:47	05:45	06:46	07:47 16:23-16:34/11	07:53 09:55-10:46/51	08:42 10:12-10:53/41
	21:50	20:49	19:28	18:09	16:02 08:37-09:22/45	15:36
18	04:49	05:47	06:48	07:49 16:19-16:37/18	07:56 09:56-10:47/51	08:43 13:29-13:33/4
	21:49	20:46	19:26	18:07	16:00 08:38-09:22/44	15:36 10:12-10:53/41
19	04:50	05:49	06:50	07:51 16:17-16:39/22	07:58 09:56-10:47/51	08:43 13:28-13:33/5
	21:47	20:44	19:23	18:04	15:59 08:39-09:22/43	15:36 10:12-10:53/41
20	04:52	05:51	06:52	07:53 16:14-16:40/26	08:00 09:56-10:47/51	08:44 13:29-13:34/5
	21:46	20:41	19:20	18:02 16:43-16:51/8	15:57 08:40-09:21/41	15:37 10:13-10:53/40
21	04:54	05:53	06:54	07:56 16:14-16:55/41	08:02 09:57-10:48/51	08:45 13:29-13:36/7
	21:44	20:39	19:18	17:59	15:55 08:43-09:22/39	15:37 10:14-10:54/40
22	04:55	05:55	06:56	07:58 16:12-16:56/44	08:04 09:57-10:48/51 08:46-08:53/7	08:45 13:29-13:36/7
	21:43	20:36	19:15	17:57	15:54 08:54-09:22/28	15:37 10:14-10:54/40
23	04:57	05:57	06:58	08:00 16:11-16:57/46	08:06 09:57-10:48/51	08:46 13:30-13:36/6
	21:41	20:34	19:12	17:54	15:53 08:55-09:21/26	15:38 10:14-10:54/40
24	04:59	05:59	07:00	08:02 16:11-16:58/47	08:08 09:57-10:48/51	08:46 13:31-13:36/5
	21:39	20:31	19:09	17:52	15:51 08:55-09:21/26	15:39 10:15-10:56/41
25	05:01	06:01	07:02 17:47-17:57/10	07:04 15:10-15:59/49	08:09 09:57-10:48/51	08:46 13:32-13:36/4
	21:37	20:29	19:07	16:50	15:50 08:57-09:21/24	15:39 10:15-10:56/41
26	05:02	06:03	07:04 17:43-18:00/17	07:06 15:09-15:59/50	08:11 09:59-10:49/50	08:47 13:33-13:35/2
	21:36	20:26	19:04	16:47	15:49 08:58-09:21/23	15:40 10:15-10:56/41
27	05:04	06:05	07:06 17:41-18:01/20	07:08 15:09-15:59/50	08:13 09:59-10:49/50	08:47 10:16-10:57/41
	21:34	20:24	19:01	16:45 08:44-08:49/5	15:47 08:59-09:21/22	15:41
28	05:06	06:07	07:08 17:39-18:02/23	07:11 15:09-15:59/50	08:15 10:00-10:49/49	08:47 10:16-10:57/41
	21:32	20:21	18:59	16:43 08:40-08:53/13	15:46 09:00-09:20/20	15:42
29	05:08	06:09	07:10 17:39-18:04/25	07:13 15:08-15:59/51	08:17 10:00-10:49/49	08:47 10:17-10:58/41
	21:30	20:19	18:56	16:40 08:37-08:55/18	15:45 09:01-09:20/19	15:43
30	05:10	06:11	07:12 17:38-18:04/26	07:15 15:09-15:59/50	08:19 10:01-10:49/48	08:47 10:17-10:59/42
	21:28	20:16	18:53	16:38 08:36-08:58/22	15:44 09:02-09:19/17	15:44
31	05:12	06:13		07:17 15:09-15:58/49 08:34-08:59/25		08:47 10:17-10:59/42
	21:26	20:13		16:36 10:12-10:26/14		15:45
Potential sun hours	528	469	384	324	248	217
Sum of minutes with flicker	0	0	121	992	2805	1406

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 8 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December
1	08:47 11:49-11:59/10 15:46	08:11 07:08 16:43 17:45	06:46 05:30 19:50 20:52	04:34 04:28 22:05 21:24	05:14 06:15 20:11 18:51	07:14 07:19 16:34 15:43	08:20					
2	08:47 11:51-11:58/7 15:47	08:09 07:05 16:45 17:47	06:43 05:28 19:52 20:54	04:33 04:31 22:05 21:50	05:15 06:17 20:08 18:48	07:16 07:21 16:31 15:22	08:22					
3	08:46 11:54-11:55/1 15:49	08:07 07:03 16:47 17:49	06:41 05:26 19:54 20:56	04:32 04:30 22:04 21:20	05:17 06:19 20:06 18:46	07:18 07:24 16:29 15:41	08:24					
4	08:46 15:50	08:05 07:00 16:50 17:51	06:38 05:23 19:56 20:58	04:31 04:30 22:03 21:53	05:19 06:21 20:03 18:43	07:20 07:22 16:27 15:40	08:25					
5	08:45 15:51	08:03 06:57 16:52 17:53	06:35 05:21 19:58 21:00	04:30 04:30 22:03 21:54	05:21 06:23 20:00 18:40	07:22 07:28 16:25 15:40	08:27					
6	08:45 15:53	08:01 06:55 16:54 17:56	06:33 05:19 20:00 21:02	04:29 04:29 22:02 21:55	05:23 06:25 20:00 18:38	07:24 07:30 16:23 15:39	08:28					
7	08:44 15:54	07:59 06:52 16:56 17:58	06:30 05:17 20:02 21:04	04:28 04:28 22:01 21:56	05:25 06:27 20:12 19:55	07:26 07:32 16:21 15:38	08:30					
8	08:44 15:56	07:57 06:50 16:59 18:00	06:28 05:15 20:04 21:06	04:27 04:27 22:00 21:57	05:27 06:29 20:09 19:52	07:29 07:34 16:19 15:38	08:31					
9	08:43 15:57	07:55 06:47 17:01 18:02	06:25 05:13 20:06 21:08	04:27 04:27 21:59 21:58	05:29 06:31 21:07 19:50	07:31 07:30 16:17 15:37	08:33					
10	08:42 15:59	07:53 06:44 17:03 18:04	06:22 05:10 20:09 21:10	04:26 04:26 21:59 21:58	05:31 06:33 21:05 19:47	07:33 07:33 16:15 15:37	08:34	11:40-11:47/7				
11	08:41 16:01	07:51 06:42 17:05 18:06	06:20 05:08 20:11 21:12	04:26 04:26 22:00 21:57	05:33 06:35 21:03 19:44	07:35 07:41 16:13 15:37	08:35	11:39-11:49/10				
12	08:40 16:03	07:48 06:39 17:07 18:08	06:17 05:06 20:13 21:14	04:25 04:25 22:01 21:56	05:35 06:37 21:00 19:42	07:37 07:45 16:11 15:36	08:37	11:38-11:50/12				
13	08:40 16:04	07:46 06:37 17:10 18:10	06:15 05:04 20:15 21:16	04:25 04:25 22:02 21:55	05:37 06:39 21:00 19:39	07:39 07:41 16:09 15:36	08:38	11:38-11:52/14				
14	08:38 16:06	07:44 06:34 17:12 18:13	06:12 05:02 20:17 21:18	04:24 04:24 22:03 21:54	05:39 06:40 20:56 19:36	07:41 07:47 16:07 15:36	08:39	11:38-11:53/15				
15	08:37 16:08	07:42 06:31 17:14 18:15	06:09 05:00 20:19 21:20	04:24 04:24 22:03 21:53	05:41 06:42 20:53 19:34	07:43 07:49 16:05 15:36	08:40	11:38-11:54/16				
16	08:36 16:10	07:39 06:29 17:16 18:17	06:07 05:00 20:21 21:22	04:24 04:24 22:04 21:51	05:43 06:44 20:51 19:31	07:45 07:51 16:04 15:36	08:41	11:38-11:54/16				
17	08:35 16:12	07:37 06:26 17:19 18:19	06:04 05:00 20:23 21:24	04:24 04:24 22:04 21:50	05:45 06:46 20:49 19:28	07:47 07:53 16:02 15:36	08:42	11:38-11:55/17				
18	08:34 16:14	07:35 06:23 17:21 18:21	06:02 05:00 20:25 21:26	04:23 04:23 22:05 21:49	05:47 06:48 20:46 19:26	07:49 07:56 16:00 15:36	08:42	11:39-11:56/17				
19	08:32 16:16	07:32 06:21 17:23 18:23	05:59 04:53 20:27 21:27	04:23 04:23 22:05 21:47	05:49 06:50 20:44 19:23	07:51 07:58 15:59 15:36	08:43	11:38-11:56/18				
20	08:31 16:18	07:30 06:18 17:25 18:25	05:57 04:51 20:29 21:29	04:23 04:23 22:06 21:46	05:51 06:52 20:41 19:20	07:53 08:00 15:57 15:37	08:44	11:39-11:57/18				
21	08:30 16:20	07:27 06:15 17:27 18:27	05:54 04:50 20:31 21:31	04:24 04:24 22:06 21:44	05:53 06:54 20:39 19:18	07:56 07:59 15:56 15:37	08:45	11:40-11:58/18				
22	08:28 16:22	07:25 06:13 17:30 18:29	05:52 04:48 20:33 21:33	04:24 04:24 22:06 21:42	05:55 06:56 20:36 19:15	07:58 08:04 15:54 15:38	08:45	11:40-11:58/18				
23	08:27 16:24	07:23 06:10 17:32 18:31	05:49 04:46 20:35 21:34	04:24 04:24 22:06 21:41	05:57 06:58 20:34 19:12	08:00 08:06 15:53 15:38	08:46	11:40-11:58/18				
24	08:25 16:26	07:20 06:07 17:34 18:33	05:47 04:45 20:38 21:36	04:24 04:24 22:06 21:39	05:59 06:59 20:31 19:10	08:02 08:08 15:51 15:39	08:46	11:41-11:59/18				
25	08:24 17:36	07:18 06:05 17:36 18:35	05:44 04:43 20:40 21:38	04:25 04:25 22:06 21:37	06:01 07:02 20:29 19:07	08:04 08:09 16:50 15:50	08:46	11:42-11:59/17				
26	08:22 16:30	07:15 06:02 17:38 18:38	05:42 04:40 20:42 21:40	04:25 04:25 22:06 21:36	06:03 07:04 20:26 19:04	08:11 08:17 15:49 15:40	08:47	11:42-11:59/17				
27	08:20 16:32	07:13 05:59 17:41 18:40	05:40 04:40 20:44 21:41	04:26 04:26 22:06 21:34	06:05 07:06 20:24 19:01	08:13 08:17 15:47 15:41	08:47	11:43-11:59/16				
28	08:19 16:34	07:10 05:57 17:43 18:42	05:37 04:39 20:46 21:43	04:26 04:26 22:06 21:32	06:07 07:08 20:21 18:59	08:15 08:15 15:46 15:42	08:47	11:44-11:59/15				
29	08:17 16:36	07:08 05:54 19:44 20:48	05:35 04:38 21:44 22:06	04:38 04:38 22:06 21:30	06:09 07:10 20:19 18:56	08:17 08:17 15:45 15:43	08:47	11:45-12:00/15				
30	08:15 16:39	06:51 05:33 19:46 20:50	04:36 04:36 21:46 22:05	04:36 04:36 22:05 21:28	06:11 07:12 20:11 18:53	08:19 08:19 15:44 15:44	08:47	11:46-12:00/14				
31	08:13 16:41	06:49 05:31 19:48 20:52	04:35 04:35 21:47 22:06	04:35 04:35 22:06 21:26	06:13 07:14 20:13 18:53	08:17 08:17 15:45 15:45	08:47	11:46-11:59/13				
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217
Sum of minutes with flicker	18	0	0	0	0	0	0	0	0	0	0	339

Table layout: For each day in each month the following matrix apply

Day in month Sun rise (hh:mm) First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker
 Sun set (hh:mm) First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 9 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June	July	August	September	October	November	December	
1	08:47	08:11	07:08	06:46	05:30	04:34 05:24-06:25/61	04:28 05:31-06:31/60	05:14 05:56-06:25/29	06:15	07:14	07:19	08:20	
	15:46	16:43	17:45	19:50	20:52	21:49	22:05	21:24	20:11	18:51	16:34	15:43	
2	08:47	08:09	07:05	06:43	05:28	04:33 05:24-06:25/61	04:29 05:31-06:30/59	05:15 05:58-06:23/25	06:17	07:16	07:21	08:22	
	15:47	16:45	17:47	19:52	20:54	21:50	22:04	21:22	20:08	18:48	16:31	15:42	
3	08:46	08:07	07:03	06:41	05:26	04:32 05:24-06:25/61	04:30 05:31-06:31/60	05:17 06:00-06:22/22	06:19	07:18	07:23	08:24	
	15:49	16:47	17:49	19:54	20:56	21:51	22:04	21:20	20:06	18:45	16:29	15:41	
4	08:46	08:05	07:00	06:38	05:23	04:31 05:25-06:25/60	04:31 05:31-06:31/60	05:19 06:01-06:19/18	06:21	07:20	07:26	08:25	
	15:50	16:50	17:51	19:56	20:58	21:53	22:03	21:18	20:03	18:43	16:27	15:40	
5	08:45	08:03	06:57	06:35	05:21	04:30 05:25-06:25/60	04:32 05:31-06:31/60	05:21 06:05-06:15/10	06:23	07:22	07:28	08:27	
	15:51	16:52	17:53	19:58	21:00	21:54	22:03	21:16	20:00	18:40	16:25	15:40	
6	08:45	08:01	06:55	06:33	05:19	04:29 05:25-06:25/60	04:33 05:31-06:32/61	05:23	06:25	07:24	07:30	08:28	
	15:53	16:54	17:56	20:00	21:02	21:55	22:02	21:14	19:58	18:38	16:23	15:39	
7	08:44	07:59	06:52	06:30	05:17	04:28 05:25-06:25/60	04:34 05:32-06:32/60	05:25	06:27	07:26	07:32	08:30	
	15:54	16:56	17:58	20:02	21:04	21:56	22:01	21:12	19:55	18:35	16:21	15:38	
8	08:44	07:57	06:50	06:28	05:15	05:54-06:07/13	04:27 05:26-06:26/60	04:35 05:32-06:32/60	05:27	06:29	07:34	08:31	
	15:56	16:58	18:00	20:04	21:06	21:57	22:00	21:09	19:52	18:32	16:19	15:38	
9	08:43	07:55	06:47	06:25	05:13	05:51-06:10/19	04:27 05:26-06:25/59	04:36 05:32-06:32/60	05:29	06:31	07:36	08:33	
	15:57	17:01	18:02	20:06	21:08	21:58	21:59	21:07	19:50	18:30	16:17	15:37	
10	08:42	07:53	06:44	06:22	05:10	05:49-06:12/23	04:26 05:26-06:26/60	04:38 05:32-06:32/60	05:31	06:33	07:39	08:34	
	15:59	17:03	18:04	20:09	21:10	21:59	21:58	21:05	19:47	18:27	16:15	15:37	
11	08:41	07:51	06:42	06:20	05:08	05:47-06:14/27	04:26 05:27-06:26/59	04:39 05:32-06:32/60	05:33	06:35	07:41	08:35	
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	21:03	19:44	18:25	16:13	15:37	
12	08:40	07:48	06:39	06:17	05:06	05:45-06:15/30	04:25 05:27-06:26/59	04:40 05:32-06:33/61	05:35	06:37	07:43	08:36	
	16:03	17:07	18:08	20:13	21:14	22:01	21:56	21:00	19:42	18:22	16:11	15:36	
13	08:39	07:46	06:37	06:15	05:04	05:44-06:16/32	04:25 05:27-06:26/59	04:42 05:32-06:33/61	05:37	06:38	07:45	08:38	
	16:04	17:10	18:10	20:15	21:16	05:35-05:43/8	22:02	21:55	20:58	19:39	18:19	16:09	15:36
14	08:38	07:44	06:34	06:12	05:02	05:32-06:17/45	04:24 05:28-06:27/59	04:43 05:32-06:33/61	05:39	06:40	07:41	08:39	
	16:06	17:12	18:13	20:17	21:18	22:03	21:54	20:56	19:36	18:17	16:07	15:36	
15	08:37	07:42	06:31	06:09	05:00	05:31-06:18/47	04:24 05:27-06:26/59	04:44 05:32-06:32/60	05:41	06:42	07:43	08:40	
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:53	19:34	18:14	16:05	15:36	
16	08:36	07:39	06:29	06:07	04:59	05:29-06:19/50	04:24 05:28-06:27/59	04:46 05:33-06:33/60	05:43	06:44	07:45	08:41	
	16:10	17:16	18:17	20:21	21:22	22:04	21:51	20:51	19:31	18:12	16:04	15:36	
17	08:35	07:37	06:26	06:04	04:57	05:27-06:19/52	04:24 05:28-06:27/59	04:47 05:33-06:33/60	05:45	06:46	07:47	08:42	
	16:12	17:19	18:19	20:23	21:24	22:04	21:50	20:49	19:28	18:09	16:02	15:36	
18	08:34	07:35	06:23	06:02	04:55	05:27-06:20/53	04:23 05:28-06:27/59	04:49 05:34-06:33/59	05:47	06:48	07:49	08:42	
	16:14	17:21	18:21	20:25	21:25	22:05	21:49	20:46	19:26	18:07	16:00	15:36	
19	08:32	07:32	06:21	05:59	04:53	05:26-06:20/54	04:23 05:28-06:27/59	04:51 05:34-06:32/58	05:49	06:50	07:51	08:43	
	16:16	17:23	18:23	20:27	21:27	22:05	21:47	20:44	19:23	18:04	15:59	15:36	
20	08:31	07:30	06:18	05:57	04:51	05:26-06:21/55	04:23 05:29-06:27/58	04:52 05:34-06:33/59	05:51	06:52	07:53	08:44	
	16:18	17:25	18:25	20:29	21:29	22:06	21:46	20:41	19:20	18:02	15:57	15:37	
21	08:30	07:27	06:15	05:54	04:50	05:25-06:21/56	04:24 05:29-06:28/59	04:54 05:34-06:32/58	05:53	06:54	07:56	08:45	
	16:20	17:27	18:27	20:31	21:31	22:06	21:44	20:39	19:18	17:59	15:56	15:37	
22	08:28	07:25	06:13	05:52	04:48	05:25-06:22/57	04:24 05:29-06:28/59	04:55 05:35-06:32/57	05:55	06:56	07:58	08:45	
	16:22	17:30	18:29	20:33	21:33	22:06	21:42	20:36	19:15	17:57	15:54	15:38	
23	08:27	07:23	06:10	05:49	04:46	05:24-06:22/58	04:24 05:29-06:28/59	04:57 05:35-06:31/56	05:57	06:58	08:00	08:46	
	16:24	17:32	18:31	20:35	21:34	22:06	21:41	20:34	19:12	17:54	15:53	15:38	
24	08:25	07:20	06:07	05:47	04:45	05:24-06:23/59	04:24 05:30-06:29/59	04:59 05:36-06:32/56	05:59	07:00	08:02	08:46	
	16:26	17:34	18:33	20:37	21:36	22:06	21:39	20:31	19:09	17:52	15:51	15:39	
25	08:24	07:18	06:05	05:44	04:43	05:24-06:23/59	04:25 05:30-06:29/59	05:01 05:36-06:30/54	06:01	07:02	08:04	08:46	
	16:28	17:36	18:35	20:40	21:38	22:06	21:37	20:29	19:07	17:50	15:50	15:39	
26	08:22	07:15	06:02	05:42	04:42	05:24-06:24/60	04:25 05:30-06:29/59	05:02 05:38-06:30/52	06:03	07:04	08:06	08:47	
	16:30	17:38	18:38	20:42	21:39	22:06	21:36	20:26	19:04	17:47	15:49	15:40	
27	08:20	07:13	05:59	05:40	04:40	05:23-06:23/60	04:26 05:30-06:29/59	05:04 05:39-06:30/51	06:05	07:06	08:08	08:47	
	16:32	17:41	18:40	20:44	21:41	22:06	21:34	20:24	19:01	17:45	15:47	15:41	
28	08:18	07:10	05:57	05:37	04:39	05:24-06:24/60	04:26 05:31-06:29/58	05:06 05:40-06:29/49	06:07	07:08	08:11	08:47	
	16:34	17:43	18:42	20:46	21:43	22:06	21:32	20:21	18:59	17:43	15:46	15:42	
29	08:17	06:54	05:35	04:38	05:24-06:24/60	04:27 05:30-06:30/60	05:08 05:42-06:28/46	06:09	07:10	08:13	08:47	08:47	
	16:36	17:44	18:43	20:47	21:44	22:06	21:30	20:19	18:56	17:40	15:45	15:43	
30	08:15	06:51	05:33	04:36	05:24-06:24/60	04:27 05:31-06:30/59	05:10 05:44-06:28/44	06:11	07:12	08:15	08:49	08:47	
	16:39	17:46	18:45	20:50	21:46	22:05	21:28	20:16	18:53	17:38	15:44	15:44	
31	08:13	06:49	05:29	04:35	05:24-06:24/60	04:27 05:31-06:30/59	05:12 05:55-06:26/31	06:13	07:14	08:17	08:47	08:47	
	16:41	17:48	18:47	20:52	21:47	22:05	21:26 05:47-05:51/4	20:13	18:50	17:36	15:44	15:45	
Potential sun hours	236	266	366	426	507	527	528	469	384	324	248	217	
Sum of minutes with flicker	0	0	0	0	1157	1781	1757	104	0	0	0	0	

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 10 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	January	February	March	April	May	June
1	08:47 14:09-14:40/31 15:46	08:11 16:43	07:08 17:45	06:46 19:50	05:30 20:52	04:34 05:10-05:34/24 21:49
2	08:47 14:09-14:40/31 15:47	08:09 16:45	07:05 17:47	06:43 19:52	05:28 20:54	04:33 05:10-05:35/25 21:50
3	08:46 14:10-14:41/31 15:49	08:07 16:47	07:02 17:49	06:41 19:54	05:26 20:56	04:32 05:09-05:35/26 21:51
4	08:46 14:10-14:41/31 15:50	08:05 16:50	07:00 17:51	06:38 19:56	05:23 20:58	04:31 05:09-05:35/26 21:53
5	08:45 14:10-14:41/31 15:51	08:03 16:52	06:57 17:53	06:35 19:58	05:21 21:00	04:30 05:10-05:36/26 21:54
6	08:45 14:11-14:43/32 15:53	08:01 16:54	06:55 17:56	06:33 20:00	05:19 21:02	04:29 05:09-05:36/27 21:55
7	08:44 14:11-14:43/32 15:54	07:59 16:56	06:52 17:58	06:30 20:02	05:17 21:04	04:28 05:09-05:36/27 21:56
8	08:44 14:12-14:43/31 15:56	07:57 16:58	06:50 18:00	06:27 20:04	05:15 21:06	04:27 05:10-05:37/27 21:57
9	08:43 14:12-14:44/32 15:57	07:55 17:01	06:47 18:02	06:25 20:06	05:12 21:08	04:27 05:09-05:37/28 21:58
10	08:42 14:13-14:44/31 15:59	07:53 17:03	06:44 18:04	06:22 20:08	05:10 21:10	04:26 05:10-05:38/28 21:59
11	08:41 14:13-14:45/32 16:01	07:51 17:05	06:42 18:06	06:20 20:11	05:08 21:12	04:25 05:09-05:38/29 22:00
12	08:40 14:13-14:44/31 16:02	07:48 17:07	06:39 18:08	06:17 20:13	05:06 21:14	04:25 05:10-05:38/28 22:01
13	08:39 14:14-14:45/31 16:04	07:46 17:10	06:37 18:10	06:14 20:15	05:04 21:16	04:25 05:10-05:39/29 22:02
14	08:38 14:15-14:45/30 16:06	07:44 17:12	06:34 18:13	06:12 20:17	05:02 21:18	04:24 05:11-05:39/28 22:03
15	08:37 14:15-14:45/30 16:08	07:42 17:14	06:31 18:15	06:09 20:19	05:00 21:20	04:24 05:10-05:39/29 22:03
16	08:36 14:16-14:45/29 16:10	07:39 17:16	06:29 18:17	06:07 20:21	04:58 21:22	04:24 05:10-05:39/29 22:04
17	08:35 14:17-14:46/29 16:12	07:37 17:19	06:26 18:19	06:04 20:23	04:57 21:24	04:23 05:11-05:39/28 22:04
18	08:34 14:17-14:45/28 16:14	07:35 17:21	06:23 18:21	06:02 20:25	04:55 21:25	04:23 05:11-05:40/29 22:05
19	08:32 14:18-14:45/27 16:16	07:32 17:23	06:21 18:23	05:59 20:27	04:53 21:27	04:23 05:11-05:40/29 22:05
20	08:31 14:19-14:45/26 16:17	07:30 17:25	06:18 18:25	05:57 20:29	04:51 21:29	04:23 05:11-05:40/29 22:06
21	08:30 14:20-14:44/24 16:20	07:27 17:27	06:15 18:27	05:54 20:31	04:50 21:31	04:24 05:12-05:41/29 22:06
22	08:28 14:21-14:44/23 16:22	07:25 17:30	06:13 18:29	05:52 20:33	04:48 21:33	04:24 05:12-05:41/29 22:06
23	08:27 14:22-14:43/21 16:24	07:23 17:32	06:10 18:31	05:49 20:35	04:46 05:18-05:24/6 21:34	04:24 05:12-05:41/29 22:06
24	08:25 14:24-14:42/18 16:26	07:20 17:34	06:07 18:33	05:47 20:37	04:45 05:17-05:27/10 21:36	04:24 05:13-05:42/29 22:06
25	08:24 14:26-14:41/15 16:28	07:18 17:36	06:05 18:35	05:44 20:40	04:43 05:16-05:29/13 21:38	04:25 05:13-05:41/28 22:06
26	08:22 14:29-14:38/9 16:30	07:15 17:38	06:02 18:37	05:42 20:42	04:42 05:15-05:30/15 21:39	04:25 05:12-05:41/29 22:06
27	08:20 16:32	07:13 17:40	05:59 18:40	05:40 20:44	04:40 05:13-05:31/18 21:41	04:26 05:13-05:42/29 22:06
28	08:18 16:34	07:10 17:43	05:57 18:42	05:37 20:46	04:39 05:12-05:32/20 21:43	04:26 05:13-05:41/28 22:06
29	08:17 16:36		06:54 19:44	05:35 20:48	04:38 05:11-05:32/21 21:44	04:27 05:13-05:42/29 22:06
30	08:15 16:39		06:51 19:46	05:32 20:50	04:36 05:11-05:33/22 21:46	04:27 05:14-05:42/28 22:05
31	08:13 16:41		06:49 19:48		04:35 05:10-05:34/24 21:47	
Potential sun hours	236	266	366	426	507	527
Sum of minutes with flicker	716	0	0	0	149	838

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker-Last time (hh:mm) with flicker/Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 10 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31

Assumptions for shadow calculations

- The calculated times are "worst case" given by the following assumptions:
- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

	July	August	September	October	November	December
1	04:28 05:15-05:43/28 22:05	05:13 21:24	06:15 20:11	07:14 18:51	07:19 16:34	08:20 13:55-14:27/32 15:43
2	04:29 05:14-05:42/28 22:04	05:15 21:22	06:17 20:08	07:16 18:48	07:21 16:31	08:22 13:56-14:27/31 15:42
3	04:30 05:14-05:43/29 22:04	05:17 21:20	06:19 20:06	07:18 18:45	07:23 16:29	08:24 13:55-14:27/32 15:41
4	04:31 05:15-05:43/28 22:03	05:19 21:18	06:21 20:03	07:20 18:43	07:26 16:27	08:25 13:56-14:27/31 15:40
5	04:32 05:15-05:43/28 22:03	05:21 21:16	06:23 20:00	07:22 18:40	07:28 16:25	08:27 13:56-14:28/32 15:40
6	04:33 05:16-05:43/27 22:02	05:23 21:14	06:25 19:58	07:24 18:38	07:30 16:23	08:28 13:57-14:29/32 15:39
7	04:34 05:16-05:43/27 22:01	05:25 21:12	06:27 19:55	07:26 18:35	07:32 16:21	08:30 13:57-14:29/32 15:38
8	04:35 05:16-05:43/27 22:00	05:27 21:09	06:29 19:52	07:28 18:32	07:34 16:19	08:31 13:58-14:29/31 15:38
9	04:36 05:17-05:43/26 21:59	05:29 21:07	06:31 19:50	07:31 18:30	07:36 16:17	08:33 13:58-14:29/31 15:37
10	04:37 05:17-05:42/25 21:58	05:31 21:05	06:33 19:47	07:33 18:27	07:39 16:15	08:34 13:59-14:30/31 15:37
11	04:39 05:17-05:42/25 21:57	05:33 21:03	06:34 19:44	07:35 18:25	07:41 16:13	08:35 13:59-14:30/31 15:37
12	04:40 05:19-05:43/24 21:56	05:35 21:00	06:36 19:42	07:37 18:22	07:43 16:11	08:36 13:59-14:30/31 15:36
13	04:41 05:19-05:42/23 21:55	05:37 20:58	06:38 19:39	07:39 18:19	07:45 16:09	08:38 14:01-14:31/30 15:36
14	04:43 05:19-05:41/22 21:54	05:39 20:56	06:40 19:36	07:41 18:17	07:47 16:07	08:39 14:01-14:32/31 15:36
15	04:44 05:20-05:41/21 21:53	05:41 20:53	06:42 19:34	07:43 18:14	07:49 16:05	08:40 14:01-14:32/31 15:36
16	04:46 05:22-05:41/19 21:51	05:43 20:51	06:44 19:31	07:45 18:12	07:51 14:02-14:11/9 16:04	08:41 14:02-14:32/30 15:36
17	04:47 05:23-05:39/16 21:50	05:45 20:49	06:46 19:28	07:47 18:09	07:53 13:59-14:14/15 16:02	08:42 14:03-14:33/30 15:36
18	04:49 05:25-05:39/14 21:49	05:47 20:46	06:48 19:26	07:49 18:07	07:55 13:58-14:16/18 16:00	08:42 14:02-14:32/30 15:36
19	04:50 05:26-05:37/11 21:47	05:49 20:44	06:50 19:23	07:51 18:04	07:57 13:57-14:18/21 15:59	08:43 14:03-14:33/30 15:36
20	04:52 05:28-05:36/8 21:46	05:51 20:41	06:52 19:20	07:53 18:02	08:00 13:56-14:19/23 15:57	08:44 14:04-14:34/30 15:37
21	04:54 21:44	05:53 20:39	06:54 19:17	07:56 17:59	08:02 13:56-14:20/24 15:55	08:45 14:04-14:34/30 15:37
22	04:55 21:42	05:55 20:36	06:56 19:15	07:58 17:57	08:04 13:55-14:21/26 15:54	08:45 14:05-14:35/30 15:38
23	04:57 21:41	05:57 20:34	06:58 19:12	08:00 17:54	08:06 13:55-14:22/27 15:53	08:46 14:05-14:35/30 15:38
24	04:59 21:39	05:59 20:31	07:00 19:09	08:02 17:52	08:07 13:54-14:22/28 15:51	08:46 14:06-14:36/30 15:39
25	05:01 21:37	06:01 20:29	07:02 19:07	07:04 16:50	08:09 13:54-14:23/29 15:50	08:46 14:06-14:36/30 15:39
26	05:02 21:36	06:03 20:26	07:04 19:04	07:06 16:47	08:11 13:54-14:23/29 15:49	08:47 14:06-14:37/31 15:40
27	05:04 21:34	06:05 20:24	07:06 19:01	07:08 16:45	08:13 13:55-14:25/30 15:47	08:47 14:07-14:37/30 15:41
28	05:06 21:32	06:07 20:21	07:08 18:59	07:10 16:43	08:15 13:55-14:25/30 15:46	08:47 14:07-14:38/31 15:42
29	05:08 21:30	06:09 20:19	07:10 18:56	07:13 16:40	08:17 13:55-14:26/31 15:45	08:47 14:08-14:38/30 15:43
30	05:10 21:28	06:11 20:16	07:12 18:53	07:15 16:38	08:19 13:55-14:26/31 15:44	08:47 14:08-14:39/31 15:44
31	05:12 21:26	06:13 20:13	07:14 18:51	07:17 16:36	08:21 13:55-14:26/31 15:43	08:47 14:08-14:39/31 15:45
Potential sun hours	528	469	384	324	248	217
Sum of minutes with flicker	456	0	0	0	371	953

Table layout: For each day in each month the following matrix apply

Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker

SHADOW - Calendar per WTG

Calculation: Riebiņu VES mirgoša WTG: 11 - ENERCON E-175 EP5 6000 175.0 !O! hub: 162.0 m (TOT: 249.5 m) (31 Assumptions for shadow calculations

The calculated times are "worst case" given by the following assumptions:

- The sun is shining all the day, from sunrise to sunset
- The rotor plane is always perpendicular to the line from the WTG to the sun
- The WTG is always operating

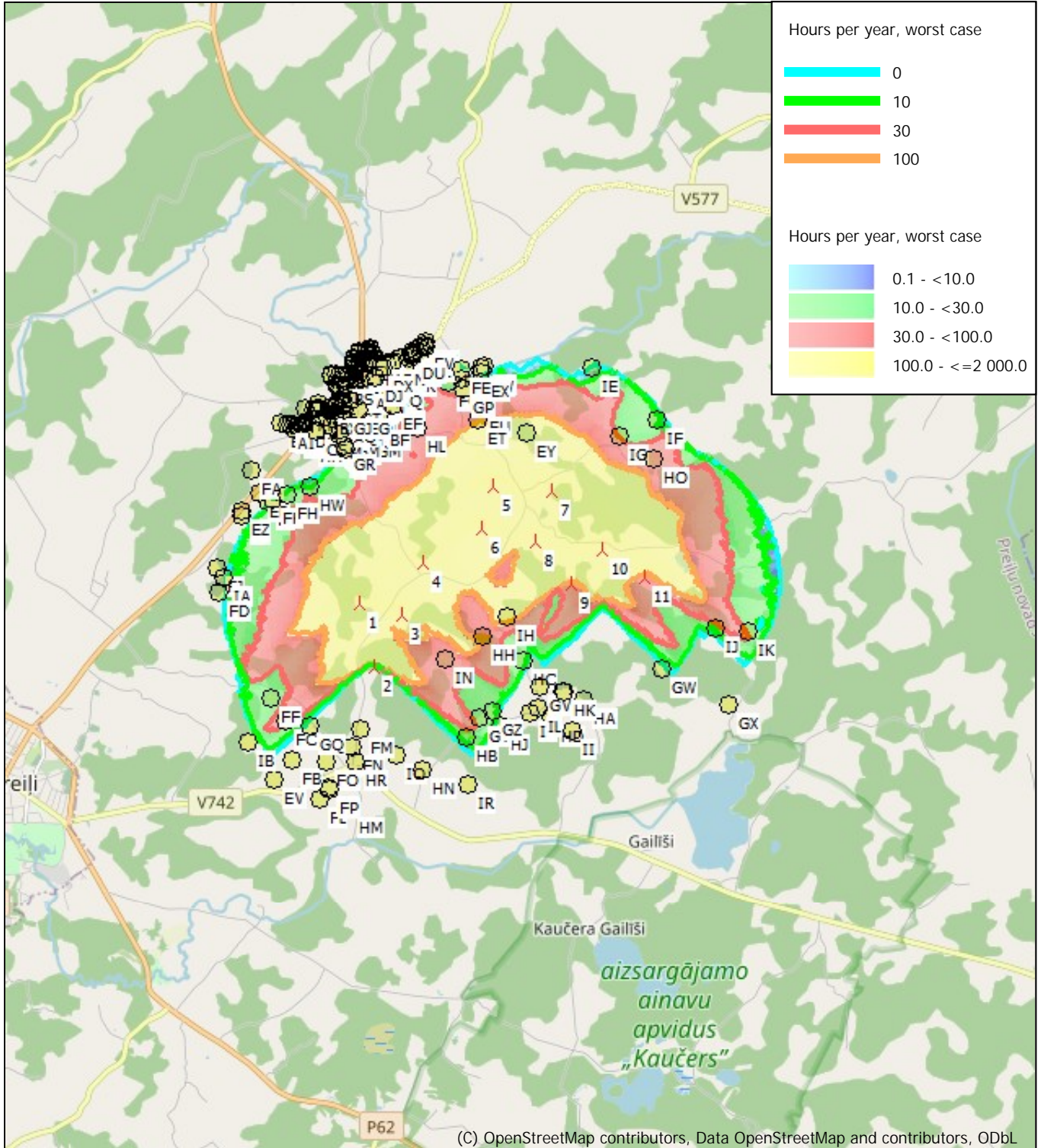
	January	February	March	April	May	June	July	August	September	October	November	December			
1	08:47	08:11	07:08	06:46	05:30	04:34	20:21-20:41/20	04:28	20:44-21:15/31	05:13	20:28-20:50/22	06:15	07:14	07:19	08:20
	15:46	16:43	17:45	19:50	20:52	21:49	20:43-21:04/21	22:05	21:24	20:11	18:51	16:34	15:43		
2	08:47	08:09	07:05	06:43	05:28	04:33	20:21-20:41/20	04:29	20:35-20:39/4	05:15	20:29-20:48/19	06:17	07:16	07:21	08:22
	15:47	16:45	17:47	19:52	20:54	21:50	20:42-21:05/23	22:04	20:44-21:15/31	21:22	20:08	18:48	16:31	15:42	
3	08:46	08:07	07:02	06:41	05:26	04:32	20:22-20:40/18	04:30	20:34-20:41/7	05:17	20:29-20:45/16	06:19	07:18	07:23	08:24
	15:49	16:47	17:49	19:54	20:56	21:51	20:42-21:06/24	22:04	20:45-21:15/30	21:20	20:05	18:45	16:29	15:41	
4	08:46	08:05	07:00	06:38	05:23	04:31	20:23-20:40/17	04:31	20:33-20:43/10	05:19	20:31-20:44/13	06:21	07:20	07:26	08:25
	15:50	16:50	17:51	19:56	20:58	21:53	20:41-21:06/25	22:03	20:46-21:15/29	21:18	20:03	18:43	16:27	15:40	
5	08:45	08:03	06:57	06:35	05:21	04:30	20:24-20:40/16	04:32	20:32-20:44/12	05:21	20:32-20:42/10	06:23	07:22	07:28	08:27
	15:51	16:52	17:53	19:58	21:00	21:54	20:41-21:08/27	22:03	20:46-21:15/29	21:16	20:00	18:40	16:25	15:40	
6	08:45	08:01	06:55	06:33	05:19	04:29	20:25-20:39/14	04:33	20:32-20:45/13	05:23	20:35-20:40/5	06:25	07:24	07:30	08:28
	15:53	16:54	17:56	20:00	21:02	21:55	20:41-21:08/27	22:02	20:47-21:15/28	21:14	19:58	18:38	16:23	15:39	
7	08:44	07:59	06:52	06:30	05:17	04:28	20:26-20:38/12	04:34	20:31-20:46/15	05:25	06:27	07:26	07:32	08:30	
	15:54	16:56	17:58	20:02	21:04	21:56	20:40-21:08/28	22:01	20:47-21:15/28	21:12	19:55	18:35	16:21	15:38	
8	08:44	07:57	06:50	06:27	05:15	04:27	20:27-20:38/11	04:35	20:30-20:47/17	05:27	06:29	07:28	07:34	08:31	
	15:56	16:58	18:00	20:04	21:06	21:57	20:40-21:10/30	22:00	20:48-21:14/26	21:09	19:52	18:32	16:19	15:38	
9	08:43	07:55	06:47	06:25	05:12	04:27	20:28-20:36/8	04:36	20:30-20:47/17	05:29	06:31	07:30	07:36	08:33	
	15:57	17:01	18:02	20:06	21:08	21:58	20:40-21:10/30	21:59	20:49-21:14/25	21:07	19:50	18:30	16:17	15:37	
10	08:42	07:53	06:44	06:22	05:10	04:26	20:30-20:36/7	04:37	20:29-20:48/19	05:31	06:32	07:33	07:39	08:34	
	15:59	17:03	18:04	20:08	21:10	21:59	20:40-21:11/31	21:58	20:49-21:13/24	21:05	19:47	18:27	16:15	15:37	
11	08:41	07:51	06:42	06:20	05:08	04:25	20:40-21:10/30	04:39	20:29-20:49/20	05:33	06:34	07:35	07:41	08:35	
	16:01	17:05	18:06	20:11	21:12	22:00	21:57	20:50-21:12/22	21:03	19:44	18:24	16:13	15:36		
12	08:40	07:48	06:39	06:17	05:06	04:20	20:18-20:40/22	04:40	20:28-20:49/21	05:35	06:36	07:37	07:43	08:36	
	16:02	17:07	18:08	20:13	21:14	22:01	21:56	20:51-21:11/20	21:00	19:42	18:22	16:11	15:36		
13	08:39	07:46	06:36	06:14	05:04	04:20	20:17-20:42/25	04:25	20:40-21:12/32	04:41	20:28-20:50/22	05:37	06:38	07:39	08:38
	16:04	17:10	18:10	20:15	21:16	22:02	21:55	20:53-21:11/18	20:58	19:39	18:19	16:09	15:36		
14	08:38	07:44	06:34	06:12	05:02	04:20	20:16-20:42/26	04:24	20:39-21:12/33	04:43	20:28-20:51/23	05:39	06:40	07:41	08:39
	16:06	17:12	18:12	20:17	21:18	22:03	21:54	20:54-21:09/15	20:56	19:36	18:17	16:07	15:36		
15	08:37	07:42	06:31	06:09	05:00	04:24	20:17-20:43/26	04:24	20:40-21:12/32	04:44	20:27-20:51/24	05:41	06:42	07:43	08:40
	16:08	17:14	18:15	20:19	21:20	22:03	21:53	20:56-21:07/11	20:53	19:34	18:14	16:05	15:36		
16	08:36	07:39	06:29	06:07	04:58	04:20	20:16-20:43/27	04:24	20:40-21:12/32	04:46	20:27-20:52/25	05:43	06:44	07:45	08:41
	16:10	17:16	18:17	20:21	21:22	22:04	22:04	20:59-21:05/6	20:51	19:31	18:12	16:04	15:36		
17	08:35	07:37	06:26	06:04	04:57	04:20	20:15-20:43/28	04:23	20:40-21:13/33	04:47	20:27-20:52/25	05:45	06:46	07:47	08:42
	16:12	17:18	18:19	20:23	21:24	22:04	22:04	20:40-21:13/33	21:50	20:48	19:28	18:09	16:02	15:36	
18	08:34	07:35	06:23	06:02	04:55	04:20	20:16-20:44/28	04:23	20:40-21:13/33	04:49	20:26-20:52/26	05:47	06:48	07:49	08:46
	16:14	17:21	18:21	20:25	21:25	22:05	22:05	20:40-21:13/33	21:49	20:46	19:26	18:07	16:00	15:32	
19	08:32	07:32	06:21	05:59	04:53	04:20	20:15-20:44/29	04:23	20:40-21:13/33	04:50	20:26-20:53/27	05:49	06:50	07:51	08:43
	16:15	17:23	18:23	20:27	21:27	22:05	22:05	20:40-21:13/33	21:47	20:44	19:23	18:04	15:59	15:36	
20	08:31	07:30	06:18	05:57	04:51	04:20	20:16-20:44/28	04:23	20:40-21:13/33	04:52	20:26-20:53/27	05:51	06:52	07:53	08:44
	16:17	17:25	18:25	20:29	21:29	22:06	22:06	20:40-21:13/33	21:46	20:41	19:20	18:02	15:57	15:37	
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	16:22	17:30	18:29	20:33	21:33	22:06	22:06	20:41-21:14/33	21:42	20:36	19:15	17:57	15:54	15:37	
23	08:27	07:22	06:10	05:49	04:46	04:20	20:16-20:43/27	04:24	20:41-21:14/33	04:57	20:26-20:54/28	05:57	06:58	08:00	08:45
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26	08:22	07:15	06:02	05:42	04:42	04:20	20:17-20:43/26	04:25	20:42-21:15/33	05:02	20:26-20:54/28	06:03	07:04	08:06	08:47
	16:30	17:38	18:37	20:42	21:39	22:06	22:06	20:42-21:15/33	21:36	20:26	19:04	16:47	15:49	15:40	
27	08:20	07:13	05:59	05:40	04:40	04:20	20:18-20:43/25	04:26	20:43-21:15/32	05:04	20:26-20:53/27	06:05	07:06	08:08	08:47
	16:32	17:40	18:40	20:44	21:41	22:06	22:06	20:43-21:15/32	21:34	20:24	19:01	16:45	15:47	15:41	
28	08:18	07:10	05:57	05:37	04:39	04:20	20:18-20:42/24	04:26	20:43-21:15/32	05:06	20:26-20:54/28	06:07	07:08	08:10	08:47
	16:34	17:43	18:42	20:46	21:43	22:06	22:06	20:43-21:15/32	21:32	20:21	18:59	16:43	15:46	15:42	
29	08:17		06:54	05:35	04:38	04:20	20:19-20:42/23	04:27	20:43-21:15/32	05:08	20:27-20:54/27	06:09	07:10	08:13	08:47
	16:36		19:44	20:48	21:44	22:06	22:06	20:46-21:00/14	21:30	20:18	18:56	16:40	15:45	15:43	
30	08:15		06:51	05:32	04:36	04:20	20:20-20:42/22	04:27	20:44-21:16/32	05:10	20:27-20:52/25	06:11	07:12	08:15	08:47
	16:39		19:46	20:50	21:46	22:05	22:05	20:45-21:02/17	21:28	20:16	18:53	16:38	15:44	15:44	
31	08:13		06:49		04:35	04:20	20:20-20:42/22		05:12	20:27-20:51/24	06:13		07:17		08:47
	16:41		19:48		21:47	22:04	21:03/19		21:26	20:13		16:36		15:45	
Potential sun hours	236	266	366	426	507	527	1056	528	1025	85	384	324	0	248	0
Sum of minutes with flicker	0	0	0	0	647	527	1056	528	1025	85	384	324	0	248	0

Table layout: For each day in each month the following matrix apply

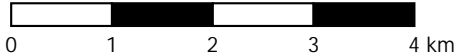
Day in month	Sun rise (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker
	Sun set (hh:mm)	First time (hh:mm) with flicker	Last time (hh:mm) with flicker	Minutes with flicker

SHADOW - Map

Calculation: Riebiņu VES mirgōa



(C) OpenStreetMap contributors, Data OpenStreetMap and contributors, ODbL



Map: EMD OpenStreetMap , Print scale 1:75 000, Map center Latvian TM LKS92-LKS92 (LV) East: 675 240 North: 245 057

▲ New WTG

● Shadow receptor

Flicker map level: Project Wizard Elevation Data Grid (Latvian Elevation Model - 20m)

Time step: 4 minutes, Day step: 14 days, Map resolution: 30 m, Visibility resolution: 15 m, Eye height: 1.5 m