



Engineering & Construction



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1 di/of 10

TITLE: STUDIO EVOLUZIONE OMBRA_SHADOW FLICKERING

AVAILABLE LANGUAGE: IT

STUDIO EVOLUZIONE OMBRA SHADOW FLICKERING

CANDELA

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PROJECT / PLANT	GRE CODE																		
	GROUP	FUNCION	TYPE	ISSUER	COUNTRY	TEC	PLANT				SYSTEM	PROGRESSIVE	REVISION						
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CLASSIFICATION	UTILIZATION SCOPE
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PAGE

2 di/of 10

INDICE

1. PREMESSA	4
2. ANALISI DELL'ESPOSIZIONE SOLARE ANNUALE	5
3. VALUTAZIONE PREVENTIVA DELLE OMBRE GENERATE.....	5
4. CONCLUSIONE.....	9
TABULATI DI CALCOLO	10



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PAGE

3 di/of 10

INDICE DELLE FIGURE

Figure 1: Risultati dei calcoli	7
Figure 2: Carta dell'evoluzione dell'Ombra giornaliera – Shadow Flickering	8

1. PREMESSA

La presente relazione tecnica specialistica descrive l'evoluzione giornaliera delle ombre generate dalle pale eoliche facenti parte del progetto dell'impianto eolico per la produzione di energia elettrica proposto dalla società **ENEL GREEN POWER ITALIA s.r.l.**

La proposta progettuale è finalizzata alla realizzazione di un impianto eolico per la produzione di energia elettrica da fonte rinnovabile eolica, costituito da n. 8 aerogeneratori, ciascuno di potenza nominale pari a 6,0 MW per una potenza complessiva di 48,00 MW, da realizzarsi nella Provincia di Foggia, nel territorio comunale di Candela, in cui ricadono gli aerogeneratori e parte dell'elettrodotto esterno, mentre nel territorio comunale di Ascoli Satriano ricade la restante parte dell'elettrodotto esterno e le opere di connessione alla RTN.

Il parco eolico di progetto sarà ubicato in località Pisciole e Piano Morto nell'area a sud-est dell'abitato di Candela, e a sud dell'abitato di Ascoli Satriano, rispettivamente ad una distanza minima dal centro abitato di circa 1,7 km, e di 7 km.

I terreni sui quali si installerà il parco eolico, interessa una superficie di circa 1.000 ettari, anche se la quantità di suolo effettivamente occupato è significativamente inferiore e limitato alle aree di piazzole dove verranno installati gli aerogeneratori, come visibile sugli elaborati planimetrici allegati al progetto.

L'area di progetto, intesa sia come quella occupata dagli 8 aerogeneratori di progetto, con annesse piazzole e relativi cavidotti di interconnessione interna, e parte del cavidotto esterno, interessa il territorio comunale di Candela censito al NCT ai fogli di mappa nn. 36, 37, 40 e 42, la restante parte del cavidotto esterno e la sottostazione di consegna ricadono nel territorio comunale di Ascoli Satriano censito ai fogli di mappa nn. 90, 91, 92, 82, e 75.

Di seguito si riporta la tabella riepilogativa, in cui sono indicate per ciascun aerogeneratore le relative coordinate (UTM fuso 33) e le particelle catastali, con riferimento al catasto dei terreni del Comune di Candela.

WTG	COORDINATE GEOGRAFICHE		COORDINATE PLANIMETRICHE UTM 33 WGS 84		DATI CATASTALI		
	LATITUDINE	LONGITUDINE	NORD (Y)	EST (X)	Comune	foglio n.	part. n.
C01	41° 8' 1,9"	15° 32' 27,48"	4553758	545404	Candela	36	167
C02	41° 8' 3,242"	15° 33' 32,08"	4553809	546910	Candela	36	76
C03	41° 7' 45,5816"	15° 32' 35,2784"	4553256	545589	Candela	36	314
C04	41° 6' 57,6"	15° 33' 39,8"	4551786	547103	Candela	40	85
C05	41° 7' 21,97"	15° 35' 24,83"	4552862	549545	Candela	37	236
C06	41° 7' 10,04"	15° 35' 8,08"	4552183	549159	Candela	37	419
C07	41° 6' 44,7"	15° 35' 36,06"	4551406	549817	Candela	42	33
C08	41° 7' 21,9780"	15° 32' 46,51"	4552530	545891	Candela	36	297

2. ANALISI DELL'ESPOSIZIONE SOLARE ANNUALE

La posizione occupata nel cielo dal sole è compiutamente individuata mediante la misura di due coordinate angolari, azimut ed elevazione (altezza). L'azimut viene misurato, in senso orario, sul piano orizzontale, a partire dal nord geografico fino al punto sull'orizzonte direttamente sotto all'oggetto; l'elevazione, invece, viene misurata sul piano verticale, partendo da tale punto sino ad arrivare in corrispondenza dell'oggetto. A causa del moto della Terra intorno al sole, tali coordinate variano senza soluzione di continuità e la traiettoria descritta nel cielo dal sole è assimilabile ad un arco; ogni giorno si caratterizza per un proprio arco, il quale si discosta, se pur di poco, da quello del giorno immediatamente precedente e successivo. Ad ogni modo, si può affermare che un certo arco si ripete quasi esattamente ogni anno. Dicesi giorno l'intervallo di tempo nel quale giunge al suolo luce solare diretta per cui, la sua durata è pari al tempo che intercorre tra alba e tramonto.

La durata del giorno non coincide con la durata della luce naturale dato che sia prima dell'alba che dopo il tramonto sono rilevabili due periodi, chiamati entrambi crepuscolo (rispettivamente crepuscolo mattutino e crepuscolo serale o serotino), durante i quali giunge a terra una luce diffusa naturale fornita dai livelli più esterni dell'atmosfera i quali, trovandosi a quote più elevate, ricevono infatti luce solare diretta per un tempo più lungo riflettendola in parte verso la terra. Per quanto detto, la durata dell'illuminazione solare è pari alla somma della durata del giorno e della durata del crepuscolo mattutino e serale. Se non si verificasse il fenomeno descritto, il passaggio dal giorno alla notte e viceversa avverrebbe in maniera repentina.

3. VALUTAZIONE PREVENTIVA DELLE OMBRE GENERATE

Le turbine eoliche, come altre strutture spiccatamente sviluppate in altezza, proiettano un'ombra sulle aree adiacenti in presenza della luce solare diretta. In particolare si hanno fenomeni quasi statici legati alla presenza della torre fissa ed effetti dinamici legati alla rotazione del rotore con le sue tre pale.

Il primo fenomeno potrebbe avere come conseguenza l'incremento della probabilità di formazione di ghiaccio sulle strade asfaltate soggette a rilevante traffico (se presenti) in particolare nelle prime ed ultime ore del giorno.

Il secondo fenomeno è legato alla presenza di un osservatore posto in modo da vedere interposto il rotore tra sé e il sole. Si precisa che i fenomeni di ombreggiamento descritti attualmente non sono regolati da una specifica normativa.

Ai fini della presente trattazione è stato preso in considerazione un modello tipologico di aerogeneratore avente un'altezza massima (altezza al mozzo + lunghezza della pala) pari a 220 m dato che l'apparecchio effettivamente installato non avrà un'altezza massima superiore a tale valore.

È stato stimato l'effetto "flicker" prodotto dall'impianto eolico; trattasi di un fenomeno per cui si genera una intermittenza dell'ombra (una sorta di effetto stroboscopico) a seguito del movimento del rotore dell'aerogeneratore quando in esercizio (in particolare quando il piano del rotore risulta perpendicolare alla congiungente tra l'osservatore e il sole), e che

potrebbe risultare spiacevole per un osservatore. Per eseguire tale analisi è stato impiegato il software WindPRO.

Nel calcolo sono state assunte le seguenti ipotesi ampiamente conservative (caso peggiore – worst case):

- Sole splendente tutto il giorno e per tutto l'anno;
- Impianto costantemente in funzione (presenza costante di vento);
- Piano del rotore sempre ortogonale alla congiungente tra l'osservatore e il sole;
- Altezza minima del sole sull'orizzonte pari a 3°;
- Effetto dell'ombra proiettata fino a una distanza di 2000 m dalle torri;
- Totale assenza di ostacoli o schermi vegetazionali presenti negli spazi circostanti i possibili recettori.

Il report di calcolo restituisce un grafico finale che riporta in pianta il numero massimo di ore/anno in cui ad altezza dell'occhio umano si verifica l'effetto flicker descritto. Tale numero è rappresentato graficamente sul territorio con aree di diverse sfumature di colore in base al numero di ore/anno di possibile effetto flicker

Di seguito viene allegato il calcolo dell'ombra per i fabbricati "civile abitazione", maggiormente coinvolti dall'effetto flicker, presenti nel raggio di 1 km.

Dai tabulati è possibile verificare che, nonostante sono assunte le condizioni peggiorative assolute, cioè:

- cioè sole sempre presente, soleggiamento massimo in tutti i giorni dell'anno;
- pale eoliche sempre in rotazione;
- orientamento delle finestre sempre in direzione delle turbine ("modalità serra")
- dimensione tipica finestra 1,5x1,5 m, in tutte le esposizioni, altezza della finestra da terra 1 m
- altezza occhio umano 1,5 m

l'effetto ombra è modesto per gli immobili presenti nell'area di progetto, infatti

- **la massima durata dell'ombra all'anno è di 207 ore/anno con un ombreggiamento giornaliero massimo di 1,36 ore/giorno;**
- **sempre dai tabulati risulta che la media di ombreggiamento sui ricettori è di molto inferiore ad 1 ora/giorno.**

I risultati ottenuti sono riportati nella tabella e nella tavola seguente:

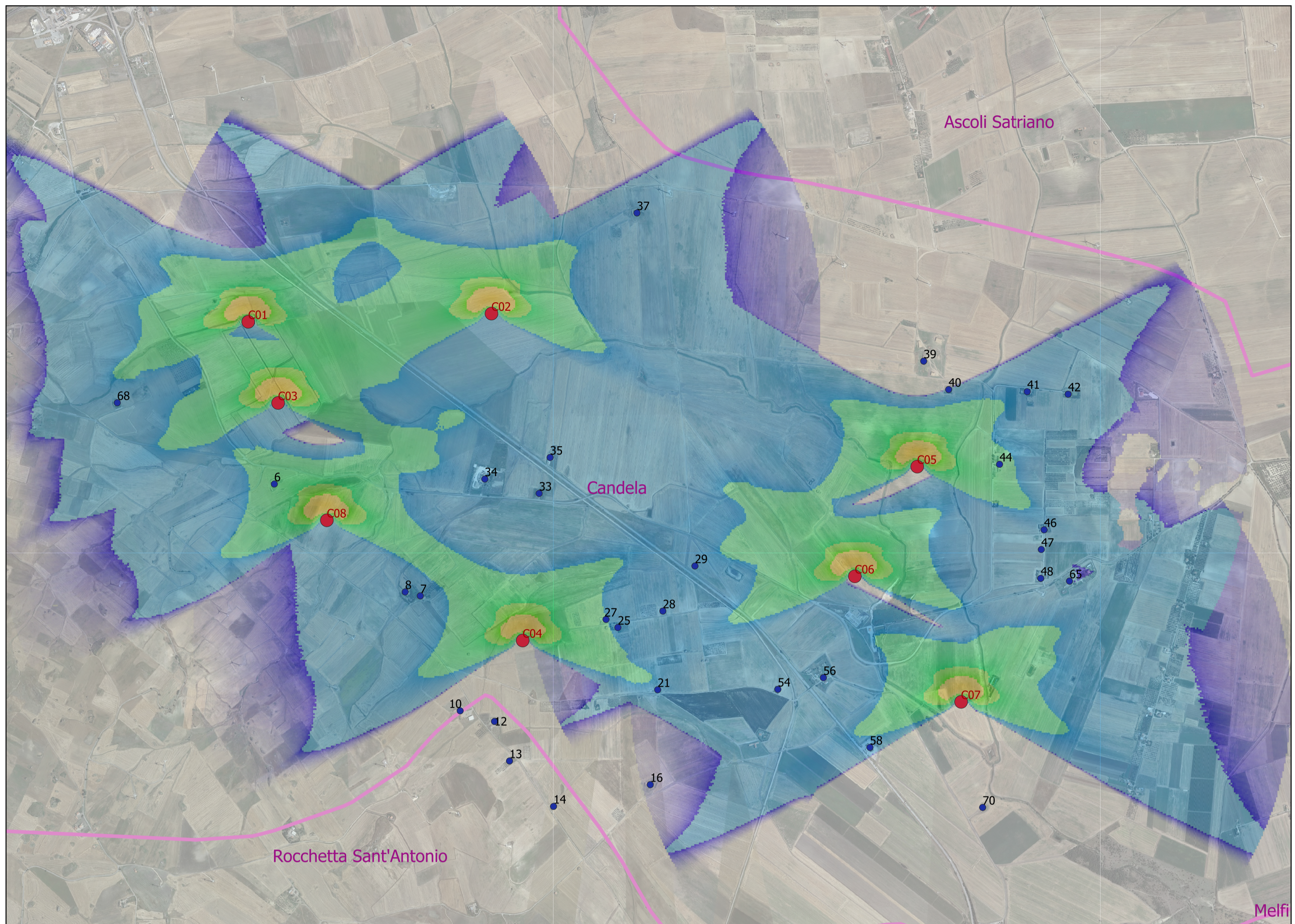
Risultati dei calcoli

Recettore d'ombra

Ombra, caso peggiore

n.	Ore d'ombra per anno [ore/anno]	Giorni con ombra per anno [giorni/anno]	Massima durata dell'ombra per giorno [ore/giorno]
06	207:51	177	1:36
07	59:12	81	0:57
08	45:56	71	0:51
10	0:00	0	0:00
12	0:00	0	0:00
13	0:00	0	0:00
14	0:00	0	0:00
16	2:52	23	0:10
21	80:11	120	1:00
25	89:29	149	1:04
27	103:36	160	1:11
28	60:32	172	0:44
29	82:25	217	0:40
33	31:18	107	0:30
34	53:37	126	0:39
35	26:52	97	0:28
37	45:03	92	0:38
39	0:00	0	0:00
40	14:34	30	0:37
41	69:08	108	0:50
42	24:40	62	0:37
44	139:49	176	1:16
46	50:29	117	0:41
47	14:38	43	0:31
48	16:35	44	0:33
54	28:53	80	0:34
56	40:47	89	0:46
58	54:44	69	0:59
65	11:37	38	0:27
68	41:57	146	0:37
70	0:00	0	0:00

Figure 1: Risultati dei calcoli

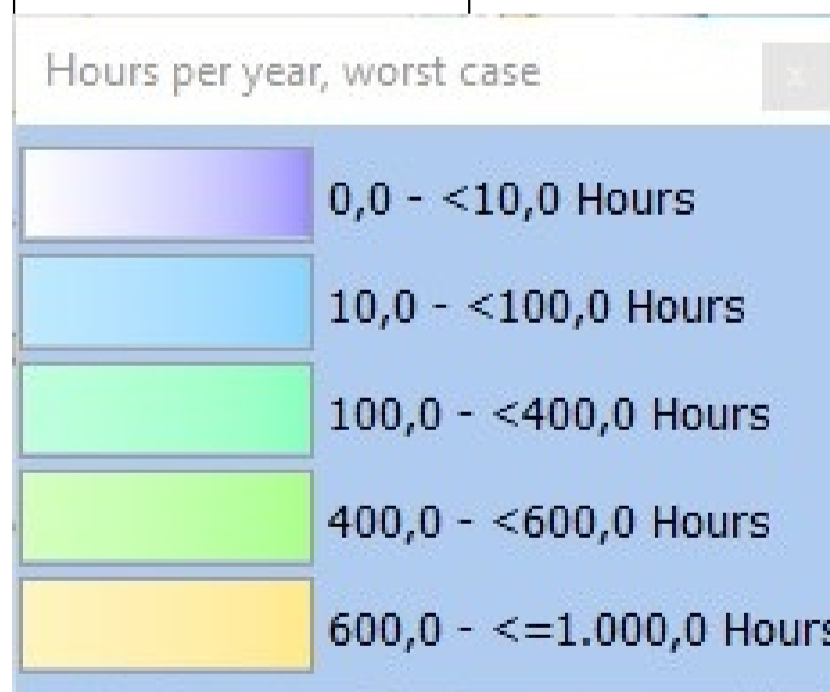


0 750 1.500 m

Legenda

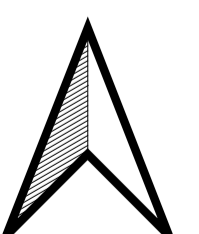
- Aerogeneratori - Candela
- Ricettori - Civili Abitazioni
- ▭ Limite comunale

Base
Ortofoto2016



name	name	foglio	categoria	particella	nota	comune
29	29	40	A3	244	Civile abitazione	Candela
28	28	40	A3	256	Civile abitazione	Candela
21	21	40	A3	309	Civile abitazione	Candela
58	58	41	A3 - C1 - E3	234	Civile abitazione	Candela
25	25	40	A3 - C2	240	Civile abitazione	Candela
14	14	41	A3 - C2	269 - 141	Civile abitazione	Candela
33	33	36	A3 - C2 - C6	395	Civile abitazione	Candela
35	35	36	A3 - C2 - C6	421 - 420	Civile abitazione	Candela
42	42	37	A3 - D1 - C2	311	Civile abitazione	Candela
27	27	40	A3 - D10	312	Civile abitazione	Candela
54	54	40	A3 - D10	343	Civile abitazione	Candela
48	48	37	A3 - D10 - unità collabenti	305 - 306 - 307 - 308 - 499	Civile abitazione	Candela
39	39	37	A4	7	Civile abitazione	Candela
12	12	41	A4 - C2	272	Civile abitazione	Candela
68	68	27	A4 - C2	44	Civile abitazione	Candela
56	56	40	A4 - C2 - unità collabenti	339 - 329 - 274 - 275 - 276 - 277 - 303 - 271 - 332 - 338 - 337 - 336 - 335. ecc	Civile abitazione	Candela
7	7	40	A4 - C2 - unità collabenti	36 - 317 - 318 - 258	Civile abitazione	Candela
40	40	37	A4 - D1	251	Civile abitazione	Candela
46	46	37	A4 - D10 - unità collabenti	459 - 321	Civile abitazione	Candela
47	47	37	A6	460	Civile abitazione	Candela
65	65	42	A6 - A3 - D10 - unità collabenti	458 - 430 - 357	Civile abitazione	Candela
44	44	37	A6 - D10	296	Civile abitazione	Candela
41	41	37	D10 - A3	335 - 464	Civile abitazione	Candela
13	13	33	A4 - C2 - C6	181	Civile abitazione	Rocchetta SA
8	8	40	A4 - A3 - C2 - D10 - unità collabenti	352 - 351 - 350 - 348 - 349 - 310	Civile abitazione (Masseria Mascianello)	Candela
10	10	10	A3 - D10 - C2	60 - 58 - 28 - 30	Civile abitazione (Masseria Massariola)	Candela
34	34	36	A2 - D10	411 - 405	Civile abitazione (Masseria Padula)	Candela
70	70	42	ND	17	Masseria Bertone	Candela

Figure 2: Carta dell'evoluzione dell'Ombra giornaliera – Shadow Flickering



4. CONCLUSIONE

Per quanto concerne l'effetto "flicker", quindi, valutando i risultati ottenuti in relazione al contesto antropico locale, si può ragionevolmente affermare che il fenomeno non ha particolari riflessi negativi sul territorio, dove i primi fabbricati adibiti a civile abitazioni sono in numero limitato e a distanze sempre superiori ai 500 metri, distanze oltre le quali il fenomeno di ombreggiamento è praticamente modesto o nullo.

Pur nelle ipotesi conservative assunte, la probabilità che un osservatore sia soggetto al fenomeno non è significativa, se si riportano i risultati numerici ai casi reali con le dovute attenuazioni di origine morfologica e meteorologica del territorio.



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PAGE

10 di/of 10

TABULATI DI CALCOLO

SHADOW - Risultato principale

Calcolo: Flickering_Candela

Assunzioni sui calcoli d'ombra

Distanza massima di influenza

Calcola solo quando oltre il 20% del sole è coperto dalla pala

Consultare la tabella delle WTG

Altezza minima del sole sull'orizzonte 3 °
Passo giornaliero del calcolo 1 giorni
Passo temporale del calcolo 1 minuti
I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

Il sole splende tutto il dì, dall'alba al tramonto

Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole

La turbina è costantemente operativa

Per evitare di considerare l' ombreggiamento da WTG in realtà non direttamente visibili, prima del calcolo dell' ombra viene eseguito un calcolo ZVI. Quest' ultimo si basa sulle seguenti assunzioni.

Curve altimetriche usate: Height Contours: CONTOURLINE_ONLINEDATA_0.w

Ostacoli usati:

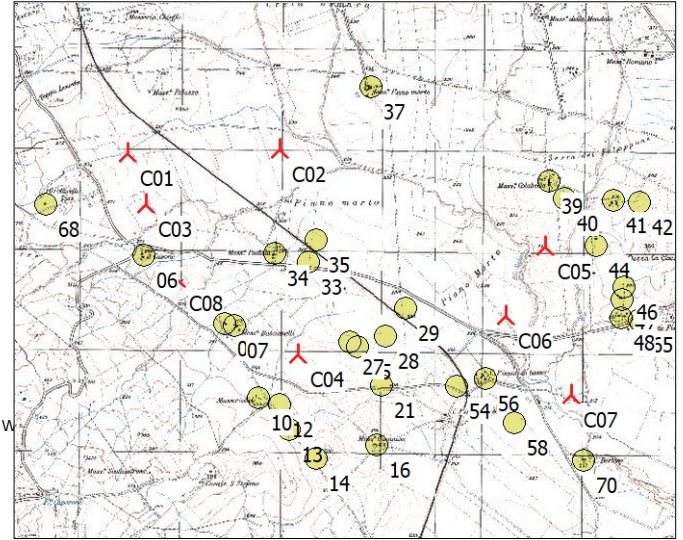
Altezza dell'osservatore, nelle mappe:: 1,5 m

Risoluzione del grigliato: 1,0 m

Tutte le coordinate sono in
UTM (north)-WGS84 Zona: 33

WTG

	Easting	Northing	Z	Dati/Descrizione	Tipo di WTG		Tipo generatore	Potenza nominale	Diametro rotore	Altezza mozzo	Dati di ombra	
					Valida	Produttore					Distanza di calcolo	giri/min
			[m]				[kW]	[m]	[m]	[m]	[giri/min]	
C01	545.404	4.553.758	260,0	Siemens Games... Si	Siemens Gamesa	SG 6.0-170_user-6.200	6.200	170,0	135,0	2.040	8,8	
C02	546.910	4.553.809	240,1	Siemens Games... Si	Siemens Gamesa	SG 6.0-170_user-6.200	6.200	170,0	135,0	2.040	8,8	
C03	545.589	4.553.256	263,7	Siemens Games... Si	Siemens Gamesa	SG 6.0-170_user-6.200	6.200	170,0	135,0	2.040	8,8	
C04	547.103	4.551.786	266,4	Siemens Games... Si	Siemens Gamesa	SG 6.0-170_user-6.200	6.200	170,0	135,0	2.040	8,8	
C05	549.545	4.552.862	231,9	Siemens Games... Si	Siemens Gamesa	SG 6.0-170_user-6.200	6.200	170,0	135,0	2.040	8,8	
C06	549.159	4.552.183	225,5	Siemens Games... Si	Siemens Gamesa	SG 6.0-170_user-6.200	6.200	170,0	135,0	2.040	8,8	
C07	549.817	4.551.406	220,0	Siemens Games... Si	Siemens Gamesa	SG 6.0-170_user-6.200	6.200	170,0	135,0	2.040	8,8	
C08	545.891	4.552.530	270,0	Siemens Games... Si	Siemens Gamesa	SG 6.0-170_user-6.200	6.200	170,0	135,0	2.040	8,8	



Scala 1:75.000
Nuova WTG Recettore d'ombra

Recettore d'ombra-Immissione dati

n.	Easting	Northing	Z	Ampiezza	Height	Altezza s.l.t.	Inclinazione della finestra	Modo orientazione	Altezza osservatore
			[m]	[m]	[m]	[m]	[°]		[m]
06	545.565	4.552.754	271,9	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
07	546.469	4.552.062	272,9	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
08	546.376	4.552.086	274,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
10	546.716	4.551.351	296,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
12	546.928	4.551.285	289,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
13	547.021	4.551.041	296,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
14	547.294	4.550.759	290,3	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
16	547.893	4.550.894	269,3	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
21	547.938	4.551.481	257,8	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
25	547.692	4.551.867	254,5	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
27	547.619	4.551.917	253,3	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
28	547.971	4.551.968	245,4	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
29	548.169	4.552.247	235,7	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
33	547.205	4.552.696	248,5	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
34	546.869	4.552.785	250,4	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
35	547.273	4.552.919	244,1	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
37	547.810	4.554.432	246,2	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
39	549.585	4.553.515	241,4	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
40	549.740	4.553.339	240,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
41	550.226	4.553.326	251,7	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
42	550.479	4.553.310	266,3	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
44	550.055	4.552.876	249,2	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
46	550.331	4.552.471	269,5	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
47	550.313	4.552.349	258,9	2,0	2,0	0,5	90,0	"Modalità serra"	2,5

continua alla pagina successiva...

SHADOW - Risultato principale

Calcolo: Flickering_Candela

...continua dalla pagina precedente

n.	Easting	Northing	Z	Ampiezza	Height	Altezza s.l.t.	Inclinazione della finestra	Modo orientazione	Altezza osservatore
			[m]	[m]	[m]	[m]	[°]		[m]
48	550.310	4.552.171	250,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
54	548.683	4.551.484	240,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
56	548.964	4.551.556	233,6	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
58	549.253	4.551.124	223,7	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
65	550.488	4.552.154	249,7	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
68	544.593	4.553.257	305,4	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
70	549.950	4.550.753	212,5	2,0	2,0	0,5	90,0	"Modalità serra"	2,5

Risultati dei calcoli

Recettore d'ombra

Ombra, caso peggiore

n.	Ore d'ombra per anno	Giorni con ombra per anno	Massima durata dell'ombra per giorno
	[ore/anno]	[giorni/anno]	[ore/giorno]
06	207:51	177	1:36
07	59:12	81	0:57
08	45:56	71	0:51
10	0:00	0	0:00
12	0:00	0	0:00
13	0:00	0	0:00
14	0:00	0	0:00
16	2:52	23	0:10
21	80:11	120	1:00
25	89:29	149	1:04
27	103:36	160	1:11
28	60:32	172	0:44
29	82:25	217	0:40
33	31:18	107	0:30
34	53:37	126	0:39
35	26:52	97	0:28
37	45:03	92	0:38
39	0:00	0	0:00
40	14:34	30	0:37
41	69:08	108	0:50
42	24:40	62	0:37
44	139:49	176	1:16
46	50:29	117	0:41
47	14:38	43	0:31
48	16:35	44	0:33
54	28:53	80	0:34
56	40:47	89	0:46
58	54:44	69	0:59
65	11:37	38	0:27
68	41:57	146	0:37
70	0:00	0	0:00

Ombreggiamento totale sui recettori d'ombra causato da ciascuna WTG

n.	Nome	Caso peggiore [ore/anno]
C01	Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (1)	8:43
C02	Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (2)	45:03
C03	Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (3)	59:43
C04	Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (4)	297:10
C05	Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (5)	279:38
C06	Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (6)	139:19
C07	Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (7)	113:10
C08	Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (8)	260:25

I tempi totali possono differire tra le tabelle per turbina e quelle per recettore, in quanto ciascuna WTG può dare ombreggiamento su 2 o più recettori contemporaneamente, e/o un recettore può subire ombreggiamento da 2 o più WTGs contemporaneamente.

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 06 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (26)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Gennaio		Febbraio		Marzo		Aprile	Maggio	Giugno
1	07:24	07:46 (C04)	07:10	07:56 (C08)	06:34	07:54 (C08)	06:43	05:57	05:29
	16:40	34 08:44 (C08)	17:14	88 09:24 (C08)	17:48	87 09:21 (C08)	19:22	19:54	20:24
2	07:24	07:46 (C04)	07:09	07:56 (C08)	06:33	07:55 (C08)	06:42	05:56	05:28
	16:41	37 08:46 (C08)	17:15	88 09:24 (C08)	17:49	85 09:20 (C08)	19:23	19:55	20:25
3	07:24	07:46 (C04)	07:08	07:56 (C08)	06:31	07:55 (C08)	06:40	05:55	05:28
	16:41	40 08:47 (C08)	17:17	89 09:25 (C08)	17:51	84 09:19 (C08)	19:25	19:56	20:25
4	07:24	07:46 (C04)	07:07	07:55 (C08)	06:30	07:56 (C08)	06:38	05:54	05:27
	16:42	43 08:49 (C08)	17:18	91 09:26 (C08)	17:52	82 09:18 (C08)	19:26	19:57	20:26
5	07:24	07:46 (C04)	07:06	07:55 (C08)	06:28	07:57 (C08)	06:37	05:52	05:27
	16:43	46 08:51 (C08)	17:19	91 09:26 (C08)	17:53	79 09:16 (C08)	19:27	19:59	20:27
6	07:24	07:46 (C04)	07:05	07:55 (C08)	06:26	07:57 (C08)	06:35	05:51	05:27
	16:44	49 08:52 (C08)	17:20	92 09:27 (C08)	17:54	77 09:14 (C08)	19:28	20:00	20:27
7	07:24	07:46 (C04)	07:04	07:55 (C08)	06:25	07:58 (C08)	06:33	05:50	05:26
	16:45	52 08:54 (C08)	17:22	93 09:28 (C08)	17:55	75 09:13 (C08)	19:29	20:01	20:28
8	07:24	07:46 (C04)	07:03	07:55 (C08)	06:23	07:59 (C08)	06:32	05:49	05:26
	16:46	56 08:56 (C08)	17:23	93 09:28 (C08)	17:56	72 09:11 (C08)	19:30	20:02	20:29
9	07:24	07:45 (C04)	07:02	07:54 (C08)	06:22	07:59 (C08)	06:30	05:48	05:26
	16:47	58 08:56 (C08)	17:24	94 09:28 (C08)	17:57	70 09:09 (C08)	19:31	20:03	20:29
10	07:23	07:45 (C04)	07:01	07:54 (C08)	06:20	08:01 (C08)	06:29	05:46	05:26
	16:48	62 08:58 (C08)	17:25	94 09:28 (C08)	17:58	66 09:07 (C08)	19:32	20:04	20:30
11	07:23	07:45 (C04)	06:59	07:54 (C08)	06:18	08:02 (C08)	06:27	05:45	05:25
	16:49	65 09:00 (C08)	17:27	95 09:29 (C08)	18:00	63 09:05 (C08)	19:33	20:05	20:30
12	07:23	07:45 (C04)	06:58	07:54 (C08)	06:17	08:03 (C08)	06:25	05:44	05:25
	16:50	68 09:02 (C08)	17:28	95 09:29 (C08)	18:01	59 09:02 (C08)	19:34	20:06	20:31
13	07:23	07:44 (C04)	06:57	07:53 (C08)	06:15	08:05 (C08)	06:24	05:43	05:25
	16:51	72 09:03 (C08)	17:29	95 09:28 (C08)	18:02	56 09:01 (C08)	19:35	20:07	20:31
14	07:22	07:44 (C04)	06:56	07:53 (C08)	06:13	08:06 (C08)	06:22	05:42	05:25
	16:52	75 09:05 (C08)	17:30	96 09:29 (C08)	18:03	52 08:58 (C08)	19:36	20:08	20:32
15	07:22	07:43 (C04)	06:54	07:53 (C08)	06:12	08:07 (C08)	06:21	05:41	05:25
	16:54	76 09:05 (C08)	17:31	96 09:29 (C08)	18:04	48 08:55 (C08)	19:37	20:09	20:32
16	07:22	07:43 (C04)	06:53	07:52 (C08)	06:10	08:10 (C08)	06:19	05:40	05:25
	16:55	79 09:07 (C08)	17:33	96 09:28 (C08)	18:05	42 08:52 (C08)	19:38	20:10	20:33
17	07:21	07:42 (C04)	06:52	07:53 (C08)	06:08	08:12 (C08)	06:18	05:39	05:25
	16:56	82 09:08 (C08)	17:34	96 09:29 (C08)	18:06	36 08:48 (C08)	19:39	20:11	20:33
18	07:21	07:42 (C04)	06:50	07:53 (C08)	06:07	08:15 (C08)	06:16	05:38	05:25
	16:57	85 09:10 (C08)	17:35	96 09:29 (C08)	18:07	29 08:44 (C08)	19:40	20:12	20:33
19	07:20	07:41 (C04)	06:49	07:52 (C08)	06:05	08:21 (C08)	06:15	05:37	05:25
	16:58	88 09:11 (C08)	17:36	96 09:28 (C08)	18:08	17 08:38 (C08)	19:42	20:13	20:34
20	07:20	07:40 (C04)	06:48	07:53 (C08)	06:03		06:13	05:37	05:25
	16:59	90 09:12 (C08)	17:38	95 09:28 (C08)	18:09		19:43	20:14	20:34
21	07:19	07:41 (C04)	06:46	07:52 (C08)	06:02		06:12	05:36	05:26
	17:01	91 09:13 (C08)	17:39	95 09:27 (C08)	18:11		19:44	20:15	20:34
22	07:18	07:41 (C04)	06:45	07:53 (C08)	06:00		06:10	05:35	05:26
	17:02	92 09:14 (C08)	17:40	94 09:27 (C08)	18:12		19:45	20:15	20:34
23	07:18	07:42 (C04)	06:43	07:53 (C08)	05:58		06:09	05:34	05:26
	17:03	93 09:15 (C08)	17:41	93 09:26 (C08)	18:13		19:46	20:16	20:35
24	07:17	07:44 (C04)	06:42	07:53 (C08)	05:57		06:07	05:33	05:26
	17:04	93 09:17 (C08)	17:42	93 09:26 (C08)	18:14		19:47	20:17	20:35
25	07:16	07:45 (C04)	06:40	07:53 (C08)	05:55		06:06	05:33	05:27
	17:05	93 09:18 (C08)	17:44	91 09:24 (C08)	18:15		19:48	20:18	20:35
26	07:15	07:46 (C04)	06:39	07:54 (C08)	05:53		06:04	05:32	05:27
	17:07	92 09:19 (C08)	17:45	90 09:24 (C08)	18:16		19:49	20:19	20:35
27	07:15	07:48 (C04)	06:37	07:53 (C08)	05:52		06:03	05:31	05:27
	17:08	90 09:20 (C08)	17:46	90 09:23 (C08)	18:17		19:50	20:20	20:35
28	07:14	07:58 (C08)	06:36	07:54 (C08)	05:50		06:02	05:31	05:28
	17:09	82 09:20 (C08)	17:47	88 09:22 (C08)	18:18		19:51	20:21	20:35
29	07:13	07:58 (C08)			06:48		06:00	05:30	05:28
	17:10	83 09:21 (C08)			19:19		19:52	20:22	20:35
30	07:12	07:57 (C08)			06:47		05:59	05:30	05:29
	17:12	85 09:22 (C08)			19:20		19:53	20:22	20:35
31	07:11	07:57 (C08)			06:45			05:29	
	17:13	86 09:23 (C08)			19:21			20:23	
Ore potenziali eliofanìa	297		297		369		399	449	453
Totale, caso peggiore	2237		2603		1179				

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 06 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (26)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Settembre	Ottobre	Ottobre	Novembre	Novembre	Dicembre	Dicembre	
1	05:29 20:35	05:53 20:16	06:24 19:33		06:54 18:42	58	08:43 (C08) 16:55	06:28 95	07:23 (C08) 16:31	07:03 65	07:27 (C04) 08:42 (C08)
2	05:29 20:35	05:54 20:15	06:25 19:31		06:55 18:40	62	08:41 (C08) 09:43 (C08)	06:29 16:54	07:23 (C08) 08:57 (C08)	07:04 16:30	07:28 (C04) 08:41 (C08)
3	05:30 20:35	05:55 20:14	06:26 19:29		06:56 18:39	65	08:39 (C08) 09:44 (C08)	06:31 16:53	07:23 (C08) 08:57 (C08)	07:05 16:30	07:29 (C04) 08:41 (C08)
4	05:31 20:34	05:56 20:12	06:27 19:28		06:57 18:37	69	08:37 (C08) 09:46 (C08)	06:32 16:52	07:25 (C08) 08:57 (C08)	07:06 16:30	07:30 (C04) 08:40 (C08)
5	05:31 20:34	05:57 20:11	06:28 19:26		06:58 18:35	71	08:36 (C08) 09:47 (C08)	06:33 16:50	07:25 (C08) 08:57 (C08)	07:07 16:30	07:31 (C04) 08:39 (C08)
6	05:32 20:34	05:58 20:10	06:29 19:24		06:59 18:34	74	08:34 (C08) 09:48 (C08)	06:34 16:49	07:25 (C08) 08:56 (C08)	07:08 16:30	07:32 (C04) 08:38 (C08)
7	05:32 20:34	05:59 20:09	06:30 19:23		07:00 18:32	76	08:33 (C08) 09:49 (C08)	06:35 16:48	07:26 (C08) 08:56 (C08)	07:09 16:30	07:33 (C04) 08:38 (C08)
8	05:33 20:33	06:00 20:08	06:31 19:21		07:01 18:30	78	08:32 (C08) 09:50 (C08)	06:37 16:47	07:27 (C08) 08:56 (C08)	07:10 16:30	07:34 (C04) 08:37 (C08)
9	05:34 20:33	06:01 20:06	06:32 19:19		07:02 18:29	80	08:32 (C08) 09:52 (C08)	06:38 16:46	07:27 (C08) 08:55 (C08)	07:11 16:30	07:35 (C04) 08:36 (C08)
10	05:34 20:33	06:02 20:05	06:33 19:18		07:03 18:27	83	08:30 (C08) 09:53 (C08)	06:39 16:45	07:27 (C08) 08:54 (C08)	07:12 16:30	07:36 (C04) 08:36 (C08)
11	05:35 20:32	06:03 20:04	06:34 19:16		07:04 18:26	84	08:29 (C08) 09:53 (C08)	06:40 16:44	07:29 (C08) 08:55 (C08)	07:13 16:30	07:36 (C04) 08:34 (C08)
12	05:36 20:32	06:04 20:03	06:35 19:14		07:06 18:24	86	08:28 (C08) 09:54 (C08)	06:41 16:43	07:29 (C08) 08:54 (C08)	07:14 16:30	07:37 (C04) 08:34 (C08)
13	05:36 20:31	06:05 20:01	06:36 19:13		07:07 18:22	88	08:27 (C08) 09:55 (C08)	06:43 16:42	07:30 (C08) 08:53 (C08)	07:14 16:30	07:38 (C04) 08:33 (C08)
14	05:37 20:31	06:06 20:00	06:37 19:11		07:08 18:21	88	08:27 (C08) 09:55 (C08)	06:44 16:41	07:30 (C08) 08:52 (C08)	07:15 16:30	07:39 (C04) 08:33 (C08)
15	05:38 20:30	06:07 19:58	06:38 19:09		07:09 18:19	89	08:26 (C08) 09:55 (C08)	06:45 16:40	07:21 (C04) 08:52 (C08)	07:16 16:30	07:40 (C04) 08:32 (C08)
16	05:39 20:30	06:08 19:57	06:39 19:08		07:10 18:18	91	08:25 (C08) 09:56 (C08)	06:46 16:39	07:19 (C04) 08:52 (C08)	07:17 16:31	07:40 (C04) 08:31 (C08)
17	05:39 20:29	06:09 19:56	06:40 19:06		07:11 18:16	92	08:25 (C08) 09:57 (C08)	06:47 16:39	07:18 (C04) 08:51 (C08)	07:17 16:31	07:41 (C04) 08:31 (C08)
18	05:40 20:28	06:10 19:54	06:41 19:04		07:12 18:15	92	08:25 (C08) 09:57 (C08)	06:49 16:38	07:18 (C04) 08:51 (C08)	07:18 16:31	07:41 (C04) 08:30 (C08)
19	05:41 20:28	06:11 19:53	06:42 19:02		07:13 18:13	93	08:24 (C08) 09:57 (C08)	06:50 16:37	07:17 (C04) 08:50 (C08)	07:19 16:32	08:18 (C08) 08:30 (C08)
20	05:42 20:27	06:12 19:51	06:43 19:01		07:14 18:12	95	08:23 (C08) 09:58 (C08)	06:51 16:36	07:16 (C04) 08:49 (C08)	07:19 16:32	08:19 (C08) 08:30 (C08)
21	05:43 20:26	06:13 19:50	06:44 18:59		07:16 18:10	95	08:23 (C08) 09:58 (C08)	06:52 16:36	07:16 (C04) 08:49 (C08)	07:20 16:32	08:19 (C08) 08:30 (C08)
22	05:44 20:25	06:14 19:48	06:45 18:57		07:17 18:09	96	08:22 (C08) 09:58 (C08)	06:53 16:35	07:16 (C04) 08:48 (C08)	07:20 16:33	08:21 (C08) 08:31 (C08)
23	05:45 20:24	06:15 19:47	06:46 18:56		07:18 18:07	96	08:23 (C08) 09:59 (C08)	06:54 16:34	07:18 (C04) 08:48 (C08)	07:21 16:33	08:20 (C08) 08:31 (C08)
24	05:45 20:24	06:16 19:45	06:47 18:54	13	09:06 (C08) 09:19 (C08)	07:19 18:06	08:23 (C08) 09:58 (C08)	06:56 16:34	07:19 (C04) 08:47 (C08)	07:21 16:34	08:20 (C08) 08:32 (C08)
25	05:46 20:23	06:17 19:44	06:48 18:52	25	09:00 (C08) 09:25 (C08)	06:20 17:04	07:22 (C08) 08:58 (C08)	06:57 16:33	07:20 (C04) 08:46 (C08)	07:22 16:34	07:45 (C04) 08:33 (C08)
26	05:47 20:22	06:18 19:42	06:49 18:50	33	08:56 (C08) 09:29 (C08)	06:21 17:03	07:22 (C08) 08:58 (C08)	06:58 16:33	07:21 (C04) 08:45 (C08)	07:22 16:35	07:45 (C04) 08:34 (C08)
27	05:48 20:21	06:19 19:41	06:50 18:49	41	08:52 (C08) 09:33 (C08)	06:22 17:02	07:23 (C08) 08:59 (C08)	06:59 16:32	07:22 (C04) 08:44 (C08)	07:22 16:36	07:45 (C04) 08:36 (C08)
28	05:49 20:20	06:20 19:39	06:51 18:47	46	08:49 (C08) 09:35 (C08)	06:24 17:00	07:23 (C08) 08:59 (C08)	07:00 16:32	07:24 (C04) 08:45 (C08)	07:23 16:36	07:46 (C04) 08:38 (C08)
29	05:50 20:19	06:21 19:37	06:52 18:45	50	08:47 (C08) 09:37 (C08)	06:25 16:59	07:23 (C08) 08:58 (C08)	07:01 16:31	07:25 (C04) 08:44 (C08)	07:23 16:37	07:46 (C04) 08:39 (C08)
30	05:51 20:18	06:22 19:36	06:53 18:44	54	08:45 (C08) 09:39 (C08)	06:26 16:58	07:22 (C08) 08:58 (C08)	07:02 16:31	07:26 (C04) 08:43 (C08)	07:23 16:38	07:46 (C04) 08:41 (C08)
31	05:52 20:17	06:23 19:34			06:27 16:56	95	07:23 (C08) 08:58 (C08)		07:23 (C08) 16:39	07:23 30	07:46 (C04) 08:42 (C08)
Ore potenziali eliofania	459	428	375					298		288	
Totale, caso peggiore				262		2666		2607			917

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 07 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (29)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo		Aprile	Maggio	Giugno
1	07:24 16:40	07:10 17:14	07:36 (C04) 17:48	06:34	07:20 (C04) 19:22	05:57 19:54	05:29 20:24
2	07:24 16:41	07:09 17:15	07:34 (C04) 17:49	06:33	07:21 (C04) 19:23	05:56 19:55	05:28 20:25
3	07:24 16:41	07:08 17:16	07:31 (C04) 17:50	06:31	07:21 (C04) 19:24	05:55 19:56	05:28 20:25
4	07:24 16:42	07:07 17:18	07:30 (C04) 17:52	06:30	07:21 (C04) 19:26	05:54 19:57	05:27 20:26
5	07:24 16:43	07:06 17:19	07:28 (C04) 17:53	06:28	07:23 (C04) 19:27	05:52 19:58	05:27 20:27
6	07:24 16:44	07:05 17:20	07:27 (C04) 17:54	06:26	07:24 (C04) 19:28	05:51 20:00	05:27 20:27
7	07:24 16:45	07:04 17:22	07:26 (C04) 17:55	06:25	07:26 (C04) 19:29	05:50 20:01	05:26 20:28
8	07:24 16:46	07:03 17:23	07:25 (C04) 17:56	06:23	07:27 (C04) 19:30	05:49 20:02	05:26 20:29
9	07:24 16:47	07:02 17:24	07:24 (C04) 17:57	06:22	07:29 (C04) 19:31	05:48 20:03	05:26 20:29
10	07:23 16:48	07:00 17:25	07:23 (C04) 17:58	06:20	07:32 (C04) 19:32	05:46 20:04	05:26 20:30
11	07:23 16:49	06:59 17:27	07:22 (C04) 18:00	06:18	07:36 (C04) 19:33	05:45 20:05	05:25 20:30
12	07:23 16:50	06:58 17:28	07:22 (C04) 18:01	06:17	07:49 (C04) 19:33	05:44 20:06	05:25 20:31
13	07:23 16:51	06:57 17:29	07:21 (C04) 18:02	06:15	06:25 19:34	05:43 20:07	05:25 20:31
14	07:22 16:52	06:56 17:30	07:20 (C04) 18:03	06:13	06:24 19:35	05:42 20:08	05:25 20:32
15	07:22 16:54	06:54 17:31	07:20 (C04) 18:04	06:12	06:22 19:36	05:41 20:09	05:25 20:32
16	07:21 16:55	06:53 17:33	07:19 (C04) 18:05	06:10	06:21 19:37	05:40 20:10	05:25 20:33
17	07:21 16:56	06:52 17:34	07:19 (C04) 18:06	06:08	06:19 19:38	05:39 20:11	05:25 20:33
18	07:21 16:57	06:50 17:35	07:19 (C04) 18:07	06:07	06:18 19:39	05:38 20:12	05:25 20:33
19	07:20 16:58	06:49 17:36	07:18 (C04) 18:08	06:05	06:16 19:40	05:37 20:13	05:25 20:34
20	07:19 16:59	06:47 17:38	07:19 (C04) 18:09	06:03	06:15 19:41	05:37 20:14	05:25 20:34
21	07:19 17:00	06:46 17:39	07:18 (C04) 18:11	06:02	06:14 19:42	05:36 20:15	05:26 20:34
22	07:18 17:02	06:45 17:40	07:18 (C04) 18:12	06:00	06:13 19:43	05:35 20:16	05:26 20:34
23	07:18 17:03	06:43 17:41	07:18 (C04) 18:13	05:58	06:12 19:44	05:34 20:17	05:26 20:35
24	07:17 17:04	06:42 17:42	07:18 (C04) 18:14	05:57	06:11 19:45	05:33 20:18	05:26 20:35
25	07:16 17:05	06:40 17:43	07:18 (C04) 18:15	05:55	06:10 19:46	05:33 20:19	05:27 20:35
26	07:15 17:07	06:39 17:45	07:19 (C04) 18:16	05:53	06:09 19:47	05:32 20:20	05:27 20:35
27	07:15 17:08	06:37 17:46	07:19 (C04) 18:17	05:52	06:08 19:48	05:31 20:21	05:27 20:35
28	07:14 17:09	06:36 17:47	07:20 (C04) 18:18	05:50	06:07 19:49	05:31 20:22	05:28 20:35
29	07:13 17:10			06:48	06:06 19:50	05:30 20:23	05:28 20:35
30	07:12 17:11			19:19	06:05 19:51	05:30 20:24	20:35
31	07:11 17:13	07:40 (C04) 07:51 (C04)		06:45	06:04 19:52	05:29 20:25	20:35
Ore potenziali eliofanìa	297	297	369	408	399	448	452
Totale, caso peggiore	11	1346					

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento)
Tramonto (hh:mm)Minuti d'ombra Fine ombreggiamento (hh:mm) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 07 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (29)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre		Novembre		Dicembre
1	05:29 20:35	05:53 20:16	06:24 19:33	06:54 18:42		06:28 16:55	48	06:53 (C04) 07:03 07:41 (C04) 16:31
2	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40	5	08:18 (C04) 16:54 08:23 (C04) 16:54	45	06:54 (C04) 07:04 07:39 (C04) 16:30
3	05:30 20:35	05:55 20:14	06:26 19:29	06:56 18:39	19	08:11 (C04) 16:31 08:30 (C04) 16:53	44	06:54 (C04) 07:05 07:38 (C04) 16:30
4	05:31 20:34	05:56 20:12	06:27 19:28	06:57 18:37	25	08:08 (C04) 16:32 08:33 (C04) 16:52	42	06:56 (C04) 07:06 07:38 (C04) 16:30
5	05:31 20:34	05:57 20:11	06:28 19:26	06:58 18:35	30	08:05 (C04) 16:33 08:35 (C04) 16:50	39	06:57 (C04) 07:07 07:36 (C04) 16:30
6	05:32 20:34	05:58 20:10	06:29 19:24	06:59 18:34	35	08:02 (C04) 16:34 08:37 (C04) 16:49	35	06:59 (C04) 07:08 07:34 (C04) 16:30
7	05:32 20:34	05:59 20:09	06:30 19:23	07:00 18:32	38	08:00 (C04) 16:35 08:38 (C04) 16:48	33	07:00 (C04) 07:09 07:33 (C04) 16:30
8	05:33 20:33	06:00 20:08	06:31 19:21	07:01 18:30	42	07:58 (C04) 16:37 08:40 (C04) 16:47	29	07:03 (C04) 07:10 07:32 (C04) 16:30
9	05:34 20:33	06:01 20:06	06:32 19:19	07:02 18:29	44	07:54 (C04) 16:38 08:42 (C04) 16:46	24	07:05 (C04) 07:11 07:29 (C04) 16:30
10	05:34 20:33	06:02 20:05	06:33 19:18	07:03 18:27	47	07:56 (C04) 16:39 08:43 (C04) 16:45	19	07:07 (C04) 07:12 07:26 (C04) 16:30
11	05:35 20:32	06:03 20:04	06:34 19:16	07:04 18:25	48	07:55 (C04) 16:40 08:43 (C04) 16:44	9	07:13 (C04) 07:13 07:22 (C04) 16:30
12	05:36 20:32	06:04 20:02	06:35 19:14	07:06 18:24	50	07:54 (C04) 16:41 08:44 (C04) 16:43		07:13 16:30
13	05:36 20:31	06:05 20:01	06:36 19:13	07:07 18:22	51	07:53 (C04) 16:42 08:44 (C04) 16:42		07:14 16:30
14	05:37 20:31	06:06 20:00	06:37 19:11	07:08 18:21	53	07:52 (C04) 16:44 08:45 (C04) 16:41		07:15 16:30
15	05:38 20:30	06:07 19:58	06:38 19:09	07:09 18:19	54	07:51 (C04) 16:45 08:45 (C04) 16:40		07:16 16:30
16	05:39 20:29	06:08 19:57	06:39 19:07	07:10 18:18	55	07:50 (C04) 16:46 08:45 (C04) 16:39		07:17 16:31
17	05:39 20:29	06:09 19:56	06:40 19:06	07:11 18:16	56	07:50 (C04) 16:47 08:46 (C04) 16:39		07:17 16:31
18	05:40 20:28	06:10 19:54	06:41 19:04	07:12 18:15	56	07:50 (C04) 16:48 08:46 (C04) 16:38		07:18 16:31
19	05:41 20:27	06:11 19:53	06:42 19:02	07:13 18:13	57	07:49 (C04) 16:50 08:46 (C04) 16:37		07:18 16:31
20	05:42 20:27	06:12 19:51	06:43 19:01	07:14 18:12	57	07:49 (C04) 16:51 08:46 (C04) 16:36		07:19 16:32
21	05:43 20:26	06:13 19:50	06:44 18:59	07:15 18:10	56	07:49 (C04) 16:52 08:45 (C04) 16:36		07:20 16:32
22	05:44 20:25	06:14 19:48	06:45 18:57	07:17 18:09	57	07:48 (C04) 16:53 08:45 (C04) 16:35		07:20 16:33
23	05:45 20:24	06:15 19:47	06:46 18:56	07:18 18:07	57	07:49 (C04) 16:54 08:46 (C04) 16:34		07:21 16:33
24	05:45 20:24	06:16 19:45	06:47 18:54	07:19 18:06	56	07:49 (C04) 16:55 08:45 (C04) 16:34		07:21 16:34
25	05:46 20:23	06:17 19:44	06:48 18:52	07:20 17:04	56	06:49 (C04) 16:57 07:45 (C04) 16:33		07:22 16:34
26	05:47 20:22	06:18 19:42	06:49 18:50	06:21 17:03	55	06:49 (C04) 16:58 07:44 (C04) 16:33		07:22 16:35
27	05:48 20:21	06:19 19:41	06:50 18:49	06:22 17:02	54	06:50 (C04) 16:59 07:44 (C04) 16:32		07:22 16:36
28	05:49 20:20	06:20 19:39	06:51 18:47	06:24 17:00	53	06:50 (C04) 17:00 07:43 (C04) 16:32		07:23 16:36
29	05:50 20:19	06:21 19:37	06:52 18:45	06:25 16:59	53	06:50 (C04) 17:01 07:43 (C04) 16:31		07:23 16:37
30	05:51 20:18	06:22 19:36	06:53 18:44	06:26 16:58	51	06:51 (C04) 17:02 07:42 (C04) 16:31		07:23 16:38
31	05:52 20:17	06:23 19:34		06:27 16:56	50	06:52 (C04) 07:42 (C04)		07:23 16:39
Ore potenziali eliofania	459	428	375	345		298		288
Totale, caso peggiore				1420		367		

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 08 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (30)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre	
1	07:24 16:40	07:10 17:14	06:34 17:48	07:17 (C04) 08:00 (C04)	06:43 19:22	05:57 19:54	05:29 20:24	05:29 20:35	05:53 20:16	06:24 19:33	06:54 18:42	06:28 16:55	06:50 (C04) 07:30 (C04)
2	07:24 16:41	07:09 17:15	06:33 17:49	07:18 (C04) 07:59 (C04)	06:42 19:23	05:56 19:55	05:28 20:25	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40	06:29 16:54	06:51 (C04) 07:29 (C04)
3	07:24 16:41	07:08 17:16	06:31 17:50	07:19 (C04) 07:57 (C04)	06:40 19:24	05:55 19:56	05:28 20:25	05:30 20:35	05:55 20:14	06:26 19:29	06:56 18:39	06:31 16:53	06:52 (C04) 07:27 (C04)
4	07:24 16:42	07:07 17:18	06:30 17:52	07:19 (C04) 07:55 (C04)	06:38 19:26	05:54 19:57	05:27 20:26	05:31 20:34	05:56 20:12	06:27 19:28	06:57 18:37	06:32 16:52	06:54 (C04) 07:26 (C04)
5	07:24 16:43	07:06 17:19	06:28 17:53	07:21 (C04) 07:54 (C04)	06:37 19:27	05:52 19:58	05:27 20:27	05:31 20:34	05:57 20:11	06:28 19:26	06:58 18:35	06:33 16:50	06:55 (C04) 07:25 (C04)
6	07:24 16:44	07:05 17:20	06:26 17:54	07:23 (C04) 07:51 (C04)	06:35 19:28	05:51 20:00	05:27 20:27	05:32 20:34	05:58 20:10	06:29 19:24	06:59 18:34	06:34 16:49	06:57 (C04) 07:23 (C04)
7	07:24 16:45	07:04 17:22	06:25 17:55	07:25 (C04) 07:49 (C04)	06:33 19:29	05:50 20:01	05:26 20:28	05:32 20:34	05:59 20:09	06:30 19:23	07:00 18:32	06:35 16:48	06:59 (C04) 07:20 (C04)
8	07:24 16:46	07:03 17:23	06:23 17:56	07:28 (C04) 07:45 (C04)	06:32 19:30	05:49 20:02	05:26 20:29	05:33 20:33	06:00 20:08	06:31 19:21	07:01 18:30	06:37 16:47	07:02 (C04) 07:18 (C04)
9	07:24 16:47	07:02 17:24	06:22 17:57	07:34 (C04) 07:38 (C04)	06:30 19:31	05:48 20:03	05:26 20:29	05:34 20:33	06:01 20:06	06:32 19:19	07:02 18:29	06:38 16:46	07:11 07:11
10	07:23 16:48	07:00 17:25	06:20 17:58	07:20 (C04) 08:00 (C04)	06:29 19:32	05:46 20:04	05:26 20:30	05:34 20:33	06:02 20:05	06:33 19:18	07:03 18:27	06:39 16:45	07:12 07:12
11	07:23 16:49	06:59 17:27	06:18 18:00	07:19 (C04) 08:02 (C04)	06:18 19:33	05:45 20:05	05:25 20:30	05:35 20:32	06:03 20:04	06:34 19:16	07:04 18:25	06:40 16:44	07:13 07:13
12	07:23 16:50	06:58 17:28	06:17 18:01	07:19 (C04) 08:03 (C04)	06:17 19:34	05:44 20:06	05:25 20:31	05:36 20:32	06:04 20:02	06:35 19:14	07:06 18:24	06:41 16:43	07:14 07:14
13	07:23 16:51	06:57 17:29	06:15 18:02	07:17 (C04) 08:07 (C04)	06:15 19:35	05:43 20:07	05:25 20:31	05:36 20:31	06:05 20:01	06:36 19:13	07:07 18:22	06:43 16:42	07:14 07:14
14	07:22 16:52	06:56 17:30	06:13 18:03	07:17 (C04) 08:04 (C04)	06:13 19:36	05:42 20:08	05:25 20:32	05:37 20:31	06:06 20:00	06:37 19:11	07:08 18:21	06:44 16:41	07:15 07:15
15	07:22 16:54	06:54 17:31	06:12 18:04	07:17 (C04) 08:04 (C04)	06:11 19:37	05:41 20:09	05:25 20:32	05:38 20:30	06:07 19:58	06:38 19:09	07:09 18:19	06:45 16:40	07:16 07:16
16	07:21 16:55	06:53 17:33	06:10 18:05	07:16 (C04) 08:04 (C04)	06:10 19:38	05:40 20:10	05:25 20:33	05:39 20:29	06:08 19:57	06:39 19:07	07:10 18:18	06:46 16:39	07:17 07:17
17	07:21 16:56	06:52 17:34	06:08 18:06	07:16 (C04) 08:05 (C04)	06:08 19:39	05:39 20:11	05:25 20:33	05:39 20:29	06:09 19:56	06:40 19:06	07:11 18:16	06:47 16:39	07:17 07:17
18	07:21 16:57	06:50 17:35	06:07 18:07	07:16 (C04) 08:05 (C04)	06:07 19:40	05:38 20:12	05:25 20:33	05:40 20:28	06:10 19:54	06:41 19:04	07:12 18:15	06:48 16:38	07:18 07:18
19	07:20 16:58	06:49 17:36	06:05 18:08	07:15 (C04) 08:05 (C04)	06:05 19:42	05:37 20:13	05:25 20:34	05:41 20:27	06:11 19:53	06:42 19:02	07:13 18:13	06:50 16:37	07:19 07:19
20	07:19 16:59	06:47 17:38	06:03 18:09	07:15 (C04) 08:05 (C04)	06:03 19:43	05:37 20:14	05:25 20:34	05:42 20:27	06:12 19:51	06:43 19:01	07:14 18:12	06:51 16:36	07:20 07:20
21	07:19 17:00	06:46 17:39	06:02 18:11	07:14 (C04) 08:05 (C04)	06:02 19:44	05:36 20:14	05:26 20:34	05:43 20:26	06:13 19:50	06:44 18:59	07:15 18:10	06:52 16:36	07:21 07:21
22	07:18 17:02	06:45 17:40	06:00 18:12	07:15 (C04) 08:05 (C04)	06:00 19:45	05:35 20:15	05:26 20:34	05:44 20:25	06:14 19:48	06:45 18:57	07:17 18:09	06:53 16:35	07:22 07:22
23	07:18 17:03	06:43 17:41	05:58 18:13	07:14 (C04) 08:04 (C04)	05:58 19:46	05:34 20:16	05:26 20:35	05:45 20:24	06:15 19:47	06:46 18:56	07:18 18:07	06:54 16:34	07:23 07:23
24	07:17 17:04	06:42 17:42	05:57 18:14	07:15 (C04) 08:04 (C04)	05:57 19:47	05:33 20:17	05:26 20:35	05:45 20:24	06:16 19:45	06:47 18:54	07:19 18:06	06:55 16:34	07:24 07:24
25	07:16 17:05	06:40 17:43	05:55 18:15	07:15 (C04) 08:03 (C04)	05:55 19:48	05:33 20:18	05:27 20:35	05:46 20:23	06:17 19:44	06:48 18:52	07:20 17:04	06:57 16:33	07:25 07:25
26	07:15 17:07	06:39 17:45	05:53 18:16	07:16 (C04) 08:03 (C04)	05:53 19:49	05:32 20:19	05:27 20:35	05:47 20:22	06:18 19:42	06:49 18:50	07:21 17:03	06:58 16:33	07:26 07:26
27	07:15 17:08	06:37 17:46	05:52 18:17	07:15 (C04) 08:02 (C04)	05:52 19:50	05:31 20:20	05:27 20:35	05:48 20:21	06:19 19:41	06:50 18:49	07:22 17:02	06:59 16:32	07:27 07:27
28	07:14 17:09	06:36 17:47	05:50 18:18	07:17 (C04) 08:01 (C04)	05:50 19:51	05:31 20:21	05:28 20:35	05:49 20:20	06:20 19:39	06:51 18:47	07:24 17:00	07:00 16:32	07:28 07:28
29	07:13 17:10		06:48 19:19		06:00 19:52	05:30 20:21	05:28 20:35	05:50 20:19	06:21 19:37	06:52 18:45	06:25 16:59	07:01 16:31	07:29 07:29
30	07:12 17:11		06:47 19:20		05:59 19:53	05:30 20:22	05:29 20:35	05:51 20:18	06:22 19:36	06:53 18:44	06:26 16:58	07:02 16:31	07:30 07:30
31	07:11 17:13		06:45 19:21			05:29 20:23		05:52 20:17	06:23 19:34		06:27 16:56	07:03 16:31	07:31 07:31
Ore potenziali eliotofania	297	297	369		399	449	452	459	428	375	345	298	288
Totale, caso peggiore		1104	264								1150	238	

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra
Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_Candela Recettore d'ombra: 10 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (1)
Assunzioni sui calcoli d'ombra

- I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:24 16:40	07:10 17:14	06:34 17:48	06:43 19:22	05:57 19:54	05:29 20:24	05:29 20:35	05:53 20:16	06:24 19:33	06:54 18:42	06:28 16:55	07:03 16:31
2	07:24 16:41	07:09 17:15	06:33 17:49	06:42 19:23	05:56 19:55	05:28 20:25	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40	06:29 16:54	07:04 16:30
3	07:24 16:41	07:08 17:16	06:31 17:50	06:40 19:24	05:55 19:56	05:28 20:25	05:30 20:35	05:55 20:14	06:26 19:29	06:56 18:39	06:31 16:53	07:05 16:30
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Ore potenziali eliofania	297	297	369	399	448	452	459	428	375	345	298	288
Totale, caso peggiore												

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 12 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (2)
Assunzioni sui calcoli d'ombra

- I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:24 16:40	07:10 17:14	06:34 17:48	06:43 19:22	05:57 19:54	05:29 20:24	05:29 20:35	05:53 20:16	06:24 19:33	06:54 18:42	06:28 16:55	07:03 16:31
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Ore potenziali eliofanìa	297	297	369	399	448	452	459	428	375	345	298	288
Totale, caso peggiore												

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 13 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (3)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:24 16:40	07:10 17:14	06:34 17:48	06:43 19:22	05:57 19:54	05:29 20:24	05:29 20:35	05:53 20:16	06:24 19:33	06:54 18:42	06:28 16:55	07:03 16:31
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24	07:17 17:04	06:42 17:42	05:57 18:14	06:07 19:47	05:33 20:17	05:26 20:35	05:45 20:23	06:16 19:45	06:47 18:54	07:19 18:06	06:55 16:34	07:21 16:34
25	07:16 17:05	06:40 17:43	05:55 18:15	06:06 19:48	05:33 20:18	05:27 20:35	05:46 20:23	06:17 19:44	06:48 18:52	06:20 17:04	06:57 16:33	07:22 16:34
26	07:15 17:07	06:39 17:45	05:53 18:16	06:04 19:49	05:32 20:19	05:27 20:35	05:47 20:22	06:18 19:42	06:49 18:50	06:21 17:03	06:58 16:33	07:22 16:35
27	07:15 17:08	06:37 17:46	05:52 18:17	06:03 19:50	05:31 20:20	05:27 20:35	05:48 20:21	06:19 19:41	06:50 18:49	06:22 17:02	06:59 16:32	07:22 16:36
28	07:14 17:09	06:36 17:47	05:50 18:18	06:01 19:51	05:31 20:21	05:28 20:35	05:49 20:20	06:20 19:39	06:51 18:47	06:23 17:00	07:00 16:32	07:23 16:36
29	07:13 17:10		06:48 19:19	06:00 19:52	05:30 20:21	05:28 20:35	05:50 20:19	06:21 19:37	06:52 18:45	06:25 16:59	07:01 16:31	07:23 16:37
30	07:12 17:11		06:47 19:20	05:59 19:53	05:30 20:22	05:29 20:35	05:51 20:18	06:22 19:36	06:53 18:44	06:26 16:58	07:02 16:31	07:23 16:38
31	07:11 17:13		06:45 19:21		05:29 20:23		05:52 20:17	06:23 19:34		06:27 16:56		07:23 16:39
Ore potenziali eliofania	297	297	369	399	448	452	459	428	375	345	298	288
Totale, caso peggiore												

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 14 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (4)
Assunzioni sui calcoli d'ombra

- I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:24 16:40	07:10 17:14	06:34 17:48	06:43 19:22	05:57 19:54	05:29 20:24	05:29 20:35	05:53 20:16	06:24 19:33	06:54 18:42	06:28 16:55	07:03 16:31
2	07:24 16:41	07:09 17:15	06:33 17:49	06:42 19:23	05:56 19:55	05:28 20:25	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40	06:29 16:54	07:04 16:30
3	07:24 16:41	07:08 17:16	06:31 17:50	06:40 19:24	05:55 19:56	05:28 20:25	05:30 20:34	05:55 20:14	06:26 19:29	06:56 18:39	06:31 16:53	07:05 16:30
4	07:24 16:42	07:07 17:18	06:29 17:52	06:38 19:25	05:54 19:57	05:27 20:26	05:31 20:34	05:56 20:12	06:27 19:28	06:57 18:37	06:32 16:52	07:06 16:30
5	07:24 16:43	07:06 17:19	06:28 17:53	06:37 19:27	05:52 19:58	05:27 20:27	05:31 20:34	05:57 20:11	06:28 19:26	06:58 18:35	06:33 16:50	07:07 16:30
6	07:24 16:44	07:05 17:20	06:26 17:54	06:35 19:28	05:51 19:59	05:27 20:27	05:32 20:34	05:58 20:10	06:29 19:24	06:59 18:34	06:34 16:49	07:08 16:30
7	07:24 16:45	07:04 17:21	06:25 17:55	06:33 19:29	05:50 20:01	05:26 20:28	05:32 20:34	05:59 20:09	06:30 19:23	07:00 18:32	06:35 16:48	07:09 16:30
8	07:24 16:46	07:03 17:23	06:23 17:56	06:32 19:30	05:49 20:02	05:26 20:29	05:33 20:33	06:00 20:08	06:31 19:21	07:01 18:30	06:36 16:47	07:10 16:30
9	07:23 16:47	07:02 17:24	06:22 17:57	06:30 19:31	05:48 20:03	05:26 20:29	05:34 20:33	06:01 20:06	06:32 19:19	07:02 18:29	06:38 16:46	07:11 16:30
10	07:23 16:48	07:00 17:25	06:20 17:58	06:29 19:32	05:46 20:04	05:26 20:30	05:34 20:32	06:02 20:05	06:33 19:18	07:03 18:27	06:39 16:45	07:12 16:30
11	07:23 16:49	06:59 17:26	06:18 18:00	06:27 19:33	05:45 20:05	05:25 20:30	05:35 20:32	06:03 20:04	06:34 19:16	07:04 18:25	06:40 16:44	07:13 16:30
12	07:23 16:50	06:58 17:28	06:17 18:01	06:25 19:34	05:44 20:06	05:25 20:31	05:36 20:32	06:04 20:02	06:35 19:14	07:05 18:24	06:41 16:43	07:13 16:30
13	07:23 16:51	06:57 17:29	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31	05:36 20:31	06:05 20:01	06:36 19:13	07:07 18:22	06:42 16:42	07:14 16:30
14	07:22 16:52	06:55 17:30	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32	05:37 20:31	06:06 20:00	06:37 19:11	07:08 18:21	06:44 16:41	07:15 16:30
15	07:22 16:54	06:54 17:31	06:12 18:04	06:21 19:37	05:41 20:09	05:25 20:32	05:38 20:30	06:07 19:58	06:38 19:09	07:09 18:19	06:45 16:40	07:16 16:30
16	07:21 16:55	06:53 17:33	06:10 18:05	06:19 19:38	05:40 20:10	05:25 20:33	05:39 20:29	06:08 19:57	06:39 19:07	07:10 18:18	06:46 16:39	07:16 16:30
17	07:21 16:56	06:52 17:34	06:08 18:06	06:18 19:39	05:39 20:11	05:25 20:33	05:39 20:29	06:09 19:56	06:40 19:06	07:11 18:16	06:47 16:39	07:17 16:31
18	07:20 16:57	06:50 17:35	06:07 18:07	06:16 19:40	05:38 20:12	05:25 20:33	05:40 20:28	06:10 19:54	06:41 19:04	07:12 18:15	06:48 16:38	07:18 16:31
19	07:20 16:58	06:49 17:36	06:05 18:08	06:14 19:41	05:37 20:13	05:25 20:34	05:41 20:27	06:11 19:53	06:42 19:02	07:13 18:13	06:50 16:37	07:18 16:31
20	07:19 16:59	06:47 17:37	06:03 18:09	06:13 19:43	05:37 20:13	05:25 20:34	05:42 20:27	06:12 19:51	06:43 19:01	07:14 18:12	06:51 16:36	07:19 16:32
21	07:19 17:00	06:46 17:39	06:02 18:10	06:11 19:44	05:36 20:14	05:26 20:34	05:43 20:26	06:13 19:50	06:44 18:59	07:15 18:10	06:52 16:36	07:20 16:32
22	07:18 17:02	06:45 17:40	06:00 18:12	06:10 19:45	05:35 20:15	05:26 20:34	05:44 20:25	06:14 19:48	06:45 18:57	07:17 18:09	06:53 16:35	07:20 16:33
23	07:18 17:03	06:43 17:41	05:58 18:13	06:09 19:46	05:34 20:16	05:26 20:34	05:45 20:24	06:15 19:47	06:46 18:55	07:18 18:07	06:54 16:34	07:21 16:33
24	07:17 17:04	06:42 17:42	05:57 18:14	06:07 19:47	05:33 20:17	05:26 20:35	05:45 20:23	06:16 19:45	06:47 18:54	07:19 18:06	06:55 16:34	07:21 16:34
25	07:16 17:05	06:40 17:43	05:55 18:15	06:06 19:48	05:33 20:18	05:27 20:35	05:46 20:23	06:17 19:44	06:48 18:52	06:20 17:04	06:57 16:33	07:21 16:34
26	07:15 17:07	06:39 17:45	05:53 18:16	06:04 19:49	05:32 20:19	05:27 20:35	05:47 20:22	06:18 19:42	06:49 18:50	06:21 17:03	06:58 16:33	07:22 16:35
27	07:15 17:08	06:37 17:46	05:52 18:17	06:03 19:50	05:31 20:20	05:27 20:35	05:48 20:21	06:19 19:41	06:50 18:49	06:22 17:02	06:59 16:32	07:22 16:36
28	07:14 17:09	06:36 17:47	05:50 18:18	06:01 19:51	05:31 20:21	05:28 20:35	05:49 20:20	06:20 19:39	06:51 18:47	06:23 17:00	07:00 16:32	07:23 16:36
29	07:13 17:10		06:48 19:19	06:00 19:52	05:30 20:21	05:28 20:35	05:50 20:19	06:21 19:37	06:52 18:45	06:25 16:59	07:01 16:31	07:23 16:37
30	07:12 17:11		06:47 19:20	05:59 19:53	05:30 20:22	05:29 20:35	05:51 20:18	06:22 19:36	06:53 18:44	06:26 16:58	07:02 16:31	07:23 16:38
31	07:11 17:13		06:45 19:21		05:29 20:23		05:52 20:17	06:23 19:34		06:27 16:56		07:23 16:39
Ore potenziali eliofania	297	297	369	399	448	452	459	428	375	345	298	288
Totale, caso peggiore												

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 16 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (5)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre		
1	07:24	07:10	06:34	06:43	05:57	05:28	05:29	05:53	06:24	06:54	06:28	07:03		
	16:40	17:14	17:48	19:22	19:54	20:24	20:35	20:16	19:33	18:42	16:55	16:31		
2	07:24	07:09	06:33	06:42	05:56	05:28	05:29	05:54	06:25	06:55	06:29	07:04		
	16:41	17:15	17:49	19:23	19:55	20:24	20:35	20:15	19:31	18:40	16:54	16:30		
3	07:24	07:08	06:31	06:40	05:55	05:28	05:30	05:55	06:26	06:56	06:30	07:05		
	16:41	17:16	17:50	19:24	19:56	20:25	20:34	20:13	19:29	18:39	16:53	16:30		
4	07:24	07:07	06:29	06:38	05:54	05:27	05:30	05:56	06:27	06:57	06:32	07:06		
	16:42	17:18	17:52	19:25	19:57	20:26	20:34	20:12	19:28	18:37	16:51	16:30		
5	07:24	07:06	06:28	06:37	05:52	05:27	05:31	05:57	06:28	06:58	06:33	07:07		
	16:43	17:19	17:53	19:27	19:58	20:27	20:34	20:11	19:26	18:35	16:50	16:30		
6	07:24	07:05	06:26	06:35	05:51	05:27	05:32	05:58	06:29	06:59	06:34	07:08		
	16:44	17:20	17:54	19:28	19:59	20:27	20:34	20:10	19:24	18:34	16:49	16:30		
7	07:24	07:04	06:25	06:33	05:50	05:26	05:32	05:59	06:30	07:00	06:35	07:09		
	16:45	17:21	17:55	19:29	20:00	20:28	20:33	20:09	19:23	18:32	16:48	16:30		
8	07:24	07:03	06:23	06:32	05:49	05:26	05:33	06:00	06:31	07:01	06:36	07:10		
	16:46	17:23	17:56	19:30	20:02	20:29	20:33	20:08	19:21	18:30	16:47	16:29		
9	07:23	07:02	06:22	06:30	05:48	05:26	05:34	06:01	06:32	07:02	06:38	07:11		
	16:47	17:24	17:57	19:31	20:03	20:29	20:33	20:06	19:19	18:29	16:46	16:29		
10	07:23	07:00	06:20	06:29	05:46	05:26	05:34	06:02	06:33	07:03	06:39	07:12		
	16:48	17:25	17:58	19:32	20:04	20:30	20:32	20:05	19:18	18:27	16:45	16:30		
11	07:23	06:59	06:18	06:27	05:45	05:25	05:35	06:03	06:34	07:04	06:40	07:13		
	16:49	17:26	17:59	19:33	20:05	20:30	20:32	20:04	19:16	18:25	16:44	16:30		
12	07:23	06:58	06:17	06:25	05:44	05:25	05:36	06:04	06:30 (C07)	06:35	07:05	06:41	07:13	
	16:50	17:28	18:01	19:34	20:06	20:31	20:32	20:02	2	06:32 (C07)	19:14	18:24	16:43	16:30
13	07:22	06:57	06:15	06:24	05:43	05:25	05:36	06:05	06:26 (C07)	06:36	07:07	06:42	07:14	
	16:51	17:29	18:02	19:35	20:07	20:31	20:31	20:01	10	06:36 (C07)	19:13	18:22	16:42	16:30
14	07:22	06:55	06:13	06:22	05:42	05:25	05:37	06:06	06:27 (C07)	06:37	07:08	06:44	07:15	
	16:52	17:30	18:03	19:36	20:08	20:32	20:30	20:00	10	06:37 (C07)	19:11	18:21	16:41	16:30
15	07:22	06:54	06:12	06:21	05:41	05:25	05:38	06:07	06:28 (C07)	06:38	07:09	06:45	07:16	
	16:53	17:31	18:04	19:37	20:09	20:32	20:30	19:58	10	06:38 (C07)	19:09	18:19	16:40	16:30
16	07:21	06:53	06:10	06:19	05:40	05:25	05:39	06:08	06:29 (C07)	06:39	07:10	06:46	07:16	
	16:55	17:33	18:05	19:38	20:10	20:33	20:29	19:57	10	06:39 (C07)	19:07	18:18	16:39	16:30
17	07:21	06:51	06:08	06:17	05:39	05:25	05:39	06:09	06:30 (C07)	06:40	07:11	06:47	07:17	
	16:56	17:34	18:06	19:39	20:11	20:33	20:29	19:55	10	06:40 (C07)	19:06	18:16	16:39	16:31
18	07:20	06:50	06:07	06:16	05:38	05:25	05:40	06:10	06:31 (C07)	06:41	07:12	06:48	07:18	
	16:57	17:35	18:07	19:40	20:12	20:33	20:28	19:54	9	06:40 (C07)	19:04	18:15	16:38	16:31
19	07:20	06:49	06:05	06:14	05:37	05:25	05:41	06:11	06:32 (C07)	06:42	07:13	06:50	07:18	
	16:58	17:36	18:08	19:41	20:13	20:34	20:27	19:53	8	06:40 (C07)	19:02	18:13	16:37	16:31
20	07:19	06:47	06:03	06:13	06:32 (C07)	05:37	05:25	05:42	06:33 (C07)	06:43	07:14	06:51	07:19	
	16:59	17:37	18:09	19:42	2	06:34 (C07)	20:13	20:34	7	06:40 (C07)	19:01	18:12	16:36	16:32
21	07:19	06:46	06:02	06:11	06:30 (C07)	05:36	05:26	05:43	06:34 (C07)	06:44	07:15	06:52	07:20	
	17:00	17:39	18:10	19:44	4	06:34 (C07)	20:14	20:34	6	06:40 (C07)	18:59	18:10	16:36	16:32
22	07:18	06:45	06:00	06:10	06:29 (C07)	05:35	05:26	05:44	06:35 (C07)	06:45	07:17	06:53	07:20	
	17:02	17:40	18:12	19:45	6	06:35 (C07)	20:15	20:34	4	06:39 (C07)	18:57	18:09	16:35	16:33
23	07:17	06:43	05:58	06:09	06:27 (C07)	05:34	05:26	05:45	06:36 (C07)	06:46	07:18	06:54	07:21	
	17:03	17:41	18:13	19:46	7	06:34 (C07)	20:16	20:34	2	06:38 (C07)	18:55	18:07	16:34	16:33
24	07:17	06:42	05:57	06:07	06:26 (C07)	05:33	05:26	05:45	06:47	07:19	06:55	07:21		
	17:04	17:42	18:14	19:47	8	06:34 (C07)	20:17	20:35	18:54	18:06	16:34	16:34		
25	07:16	06:40	05:55	06:06	06:25 (C07)	05:33	05:27	05:46	06:48	06:20	06:57	07:21		
	17:05	17:43	18:15	19:48	9	06:34 (C07)	20:18	20:35	18:52	17:04	16:33	16:34		
26	07:15	06:39	05:53	06:04	06:23 (C07)	05:32	05:27	05:47	06:49	06:21	06:58	07:22		
	17:06	17:45	18:16	19:49	10	06:33 (C07)	20:19	20:35	18:50	17:03	16:33	16:35		
27	07:15	06:37	05:52	06:03	06:22 (C07)	05:31	05:27	05:48	06:50	06:22	06:59	07:22		
	17:08	17:46	18:17	19:50	10	06:32 (C07)	20:20	20:35	18:49	17:02	16:32	16:36		
28	07:14	06:36	05:50	06:01	06:21 (C07)	05:31	05:28	05:49	06:51	06:23	07:00	07:23		
	17:09	17:47	18:18	19:51	10	06:31 (C07)	20:21	20:35	18:47	17:00	16:32	16:36		
29	07:13		06:48	06:00	06:19 (C07)	05:30	05:28	05:50	06:52	06:25	07:01	07:23		
	17:10		19:19	19:52	10	06:29 (C07)	20:21	20:35	18:45	16:59	16:31	16:37		
30	07:12		06:47	05:59	06:19 (C07)	05:30	05:28	05:51	06:53	06:26	07:02	07:23		
	17:11		19:20	19:53	8	06:27 (C07)	20:22	20:35	18:44	16:58	16:31	16:38		
31	07:11		06:45			05:29		05:52		06:27		07:23		
	17:13		19:21			20:23		20:17		16:56		16:39		
Ore potenziali eliofanía	297	297	369	399	448	452	459	428	375	345	298	288		
Totale, caso peggiore				84				88						

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 21 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (6)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo		Aprile	Maggio		Giugno	
1	07:24 16:40	07:10 17:14	06:34 17:48		06:43 19:22	05:57 19:54		05:28 20:24	53
2	07:24 16:40	07:09 17:15	06:33 17:49		06:42 19:23	05:56 19:55		05:28 20:25	53
3	07:24 16:41	07:08 17:16	06:31 17:50		06:40 19:24	05:55 19:56		05:28 20:25	54
4	07:24 16:42	07:07 17:18	06:29 17:52		06:38 19:25	05:54 19:57	11	19:15 (C04) 20:26	55
5	07:24 16:43	07:06 17:19	06:28 17:53		06:37 19:27	05:52 19:58	18	19:11 (C04) 20:27	55
6	07:24 16:44	07:05 17:20	06:26 17:54		06:35 19:28	05:51 19:59	23	19:09 (C04) 20:27	57
7	07:24 16:45	07:04 17:21	06:25 17:55		06:33 19:29	05:50 20:00	27	19:07 (C04) 20:28	56
8	07:24 16:46	07:03 17:23	06:23 17:56		06:32 19:30	05:49 20:02	29	19:05 (C04) 20:29	57
9	07:23 16:47	07:02 17:24	06:22 17:57		06:30 19:31	05:48 20:03	32	19:04 (C04) 20:29	58
10	07:23 16:48	07:00 17:25	06:20 17:58		06:29 19:32	05:46 20:04	35	19:02 (C04) 20:30	58
11	07:23 16:49	06:59 17:26	06:18 17:59		06:27 19:33	05:45 20:05	36	19:02 (C04) 20:30	58
12	07:23 16:50	06:58 17:28	06:17 18:01		06:25 19:34	05:44 20:06	38	19:01 (C04) 20:31	58
13	07:23 16:51	06:57 17:29	06:15 18:02		06:24 19:35	05:43 20:07	39	19:00 (C04) 20:31	59
14	07:22 16:52	06:55 17:30	06:13 18:03		06:22 19:36	05:42 20:08	41	18:59 (C04) 20:32	58
15	07:22 16:53	06:54 17:31	06:12 18:04		06:21 19:37	05:41 20:09	41	18:59 (C04) 20:32	59
16	07:21 16:55	06:53 17:33	06:10 18:05	2	06:29 (C07) 06:31 (C07)	06:19 19:38	43	18:58 (C04) 19:41 (C04)	59
17	07:21 16:56	06:52 17:34	06:08 18:06	4	06:27 (C07) 06:31 (C07)	06:17 19:39	43	18:59 (C04) 19:42 (C04)	60
18	07:20 16:57	06:50 17:35	06:07 18:07	6	06:25 (C07) 06:31 (C07)	06:16 19:40	44	18:58 (C04) 19:42 (C04)	59
19	07:20 16:58	06:49 17:36	06:05 18:08	8	06:24 (C07) 06:32 (C07)	06:14 19:41	45	18:58 (C04) 19:43 (C04)	59
20	07:19 16:59	06:47 17:37	06:03 18:09	10	06:22 (C07) 06:32 (C07)	06:13 19:42	46	18:57 (C04) 19:43 (C04)	59
21	07:19 17:00	06:46 17:39	06:02 18:10	11	06:20 (C07) 06:31 (C07)	06:11 19:44	46	18:57 (C04) 19:43 (C04)	59
22	07:18 17:02	06:45 17:40	06:00 18:12	12	06:19 (C07) 06:31 (C07)	06:10 19:45	47	18:57 (C04) 19:44 (C04)	59
23	07:18 17:03	06:43 17:41	05:58 18:13	13	06:17 (C07) 06:30 (C07)	06:08 19:46	47	18:57 (C04) 19:44 (C04)	59
24	07:17 17:04	06:42 17:42	05:57 18:14	13	06:15 (C07) 06:28 (C07)	06:07 19:47	46	18:57 (C04) 19:43 (C04)	59
25	07:16 17:05	06:40 17:43	05:55 18:15	13	06:13 (C07) 06:26 (C07)	06:06 19:48	46	18:58 (C04) 19:44 (C04)	59
26	07:15 17:06	06:39 17:45	05:53 18:16	11	06:14 (C07) 06:25 (C07)	06:04 19:49	47	18:57 (C04) 19:44 (C04)	59
27	07:15 17:08	06:37 17:46	05:52 18:17		06:03 19:50	05:31 20:20	47	18:57 (C04) 19:44 (C04)	59
28	07:14 17:09	06:36 17:47	05:50 18:18		06:01 19:51	05:31 20:21	46	18:58 (C04) 19:44 (C04)	59
29	07:13 17:10		06:48 19:19		06:00 19:52	05:30 20:21	48	05:51 (C06) 19:44 (C04)	58
30	07:12 17:11		06:47 19:20		05:59 19:53	05:29 20:22	50	05:51 (C06) 19:45 (C04)	58
31	07:11 17:13		06:45 19:21			05:29 20:23	51	05:50 (C06) 19:44 (C04)	
Ore potenziali eliofanìa	297	297	369		399	448		452	1732
Totale, caso peggiore				103			1112		

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 21 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (6)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Luglio		Agosto		Settembre		Ottobre	Novembre	Dicembre
1	05:29		05:52 (C06)	05:53	19:12 (C04)	06:24	06:54	06:28	07:03
	20:35	58	19:50 (C04)	20:16	19:49 (C04)	19:33	18:42	16:55	16:31
2	05:29		05:52 (C06)	05:54	19:12 (C04)	06:25	06:55	06:29	07:04
	20:35	58	19:50 (C04)	20:15	19:48 (C04)	19:31	18:40	16:54	16:30
3	05:30		05:53 (C06)	05:55	19:13 (C04)	06:26	06:56	06:31	07:05
	20:34	58	19:51 (C04)	20:13	19:47 (C04)	19:29	18:39	16:53	16:30
4	05:30		05:53 (C06)	05:56	19:15 (C04)	06:27	06:57	06:32	07:06
	20:34	56	19:50 (C04)	20:12	19:46 (C04)	19:28	18:37	16:51	16:30
5	05:31		05:54 (C06)	05:57	19:16 (C04)	06:28	06:58	06:33	07:07
	20:34	57	19:51 (C04)	20:11	19:45 (C04)	19:26	18:35	16:50	16:30
6	05:32		05:54 (C06)	05:58	19:18 (C04)	06:29	06:59	06:34	07:08
	20:34	56	19:51 (C04)	20:10	19:43 (C04)	19:24	18:34	16:49	16:30
7	05:32		05:55 (C06)	05:59	19:19 (C04)	06:30	07:00	06:35	07:09
	20:34	56	19:52 (C04)	20:09	19:41 (C04)	19:23	18:32	16:48	16:30
8	05:33		05:55 (C06)	06:00	19:22 (C04)	06:31	07:01	06:36	07:10
	20:33	55	19:51 (C04)	20:08	19:38 (C04)	19:21	18:30	16:47	16:29
9	05:34		05:56 (C06)	06:01	19:27 (C04)	06:32	07:02	06:38	07:11
	20:33	55	19:52 (C04)	20:06	19:33 (C04)	19:19	18:29	16:46	16:29
10	05:34		05:57 (C06)	06:02		06:33	07:03	06:39	07:12
	20:32	54	19:52 (C04)	20:05		19:18	18:27	16:45	16:29
11	05:35		05:57 (C06)	06:03		06:34	07:04	06:40	07:13
	20:32	52	19:52 (C04)	20:04		19:16	18:25	16:44	16:30
12	05:36		05:58 (C06)	06:04		06:35	07:05	06:41	07:13
	20:32	51	19:52 (C04)	20:02		19:14	18:24	16:43	16:30
13	05:36		05:59 (C06)	06:05		06:36	07:07	06:42	07:14
	20:31	51	19:53 (C04)	20:01		19:13	18:22	16:42	16:30
14	05:37		06:00 (C06)	06:06		06:37	07:08	06:44	07:15
	20:31	48	19:53 (C04)	20:00		19:11	18:21	16:41	16:30
15	05:38		19:06 (C04)	06:07		06:38	07:09	06:45	07:16
	20:30	47	19:53 (C04)	19:58		19:09	18:19	16:40	16:30
16	05:39		19:06 (C04)	06:08		06:39	07:10	06:46	07:16
	20:29	47	19:53 (C04)	19:57		19:07	18:18	16:39	16:30
17	05:39		19:07 (C04)	06:09		06:40	07:11	06:47	07:17
	20:29	46	19:53 (C04)	19:55		19:06	18:16	16:38	16:31
18	05:40		19:07 (C04)	06:10		06:41	07:12	06:48	07:18
	20:28	47	19:54 (C04)	19:54		19:04	18:15	16:38	16:31
19	05:41		19:07 (C04)	06:11		06:42	07:13	06:50	07:18
	20:27	47	19:54 (C04)	19:53		19:02	18:13	16:37	16:31
20	05:42		19:07 (C04)	06:12		06:43	07:14	06:51	07:19
	20:27	46	19:53 (C04)	19:51		19:01	18:12	16:36	16:32
21	05:43		19:07 (C04)	06:13		06:44	07:15	06:52	07:20
	20:26	46	19:53 (C04)	19:50		18:59	18:10	16:36	16:32
22	05:44		19:07 (C04)	06:14		06:45	07:16	06:53	07:20
	20:25	46	19:53 (C04)	19:48		18:57	18:09	16:35	16:33
23	05:45		19:08 (C04)	06:15		06:46	07:17	06:54	07:21
	20:24	45	19:53 (C04)	19:47		18:55	18:07	16:34	16:33
24	05:45		19:08 (C04)	06:16		06:47	07:18	06:55	07:21
	20:23	45	19:53 (C04)	19:45		18:54	18:06	16:34	16:34
25	05:46		19:08 (C04)	06:17		06:48	07:19	06:56	07:21
	20:23	45	19:53 (C04)	19:44		18:52	17:04	16:33	16:34
26	05:47		19:09 (C04)	06:18		06:49	07:20	06:57	07:22
	20:22	44	19:53 (C04)	19:42		18:50	17:03	16:33	16:35
27	05:48		19:08 (C04)	06:19		06:50	07:21	06:58	07:22
	20:21	44	19:52 (C04)	19:40		18:49	17:02	16:32	16:36
28	05:49		19:09 (C04)	06:20		06:51	07:22	06:59	07:23
	20:20	42	19:51 (C04)	19:39		18:47	17:00	16:32	16:36
29	05:50		19:09 (C04)	06:21		06:52	07:23	07:00	07:23
	20:19	42	19:51 (C04)	19:37		18:45	16:59	16:31	16:37
30	05:51		19:10 (C04)	06:22		06:53	07:24	07:01	07:23
	20:18	40	19:50 (C04)	19:36		18:44	16:58	16:31	16:38
31	05:52		19:11 (C04)	06:23			06:27		07:23
	20:17	39	19:50 (C04)	19:34			16:56		16:39
Ore potenziali eliofania	459		428			375	345	298	288
Totale, caso peggiore	1523		236			105			

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 25 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (7)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo		Aprile		Maggio		Giugno		
1	07:24 16:40	07:10 17:14	06:34 17:48		06:43 19:22	63	17:30 (C04) 18:33 (C04)	05:57 19:54	05:28 20:24		
2	07:24 16:40	07:09 17:15	06:33 17:49		06:42 19:23	62	17:30 (C04) 18:32 (C04)	05:56 19:55	05:28 20:25		
3	07:24 16:41	07:08 17:16	06:31 17:50		06:40 19:24	61	17:30 (C04) 18:31 (C04)	05:55 19:56	05:28 20:25		
4	07:24 16:42	07:07 17:18	06:29 17:52		06:38 19:25	60	17:31 (C04) 18:31 (C04)	05:54 19:57	19:32 (C08) 20:26		
5	07:24 16:43	07:06 17:19	06:28 17:53		06:37 19:27	59	17:31 (C04) 18:30 (C04)	05:52 19:58	19:30 (C08) 20:27		
6	07:24 16:44	07:05 17:20	06:26 17:54		06:35 19:28	58	17:32 (C04) 18:30 (C04)	05:51 19:59	19:28 (C08) 20:27		
7	07:24 16:45	07:04 17:21	06:25 17:55		06:33 19:29	57	17:32 (C04) 18:29 (C04)	05:50 20:01	19:27 (C08) 20:28		
8	07:24 16:46	07:03 17:23	06:23 17:56		06:32 19:30	55	17:32 (C04) 18:27 (C04)	05:49 20:02	19:26 (C08) 20:29		
9	07:23 16:47	07:02 17:24	06:22 17:57	6	17:04 (C04) 17:10 (C04)	06:30 19:31	17:33 (C04) 18:27 (C04)	05:48 20:03	12 14	19:38 (C08) 19:39 (C08)	20:29 20:29
10	07:23 16:48	07:00 17:25	06:20 17:58	21	16:57 (C04) 17:18 (C04)	06:29 19:32	17:33 (C04) 18:25 (C04)	05:46 20:04	15	19:25 (C08) 19:40 (C08)	20:26 20:30
11	07:23 16:49	06:59 17:26	06:18 17:59	28	16:53 (C04) 17:21 (C04)	06:27 19:33	17:34 (C04) 18:24 (C04)	05:45 20:05	17	19:24 (C08) 19:41 (C08)	20:25 20:30
12	07:23 16:50	06:58 17:28	06:17 18:01	33	16:50 (C04) 17:23 (C04)	06:25 19:34	06:44 (C06) 18:23 (C04)	05:44 20:06	18	19:42 (C08) 19:42 (C08)	20:25 20:31
13	07:23 16:51	06:57 17:29	06:15 18:02	38	16:48 (C04) 17:26 (C04)	06:24 19:35	06:42 (C06) 18:21 (C04)	05:43 20:07	19	19:24 (C08) 19:43 (C08)	20:25 20:31
14	07:22 16:52	06:55 17:30	06:13 18:03	42	16:45 (C04) 17:27 (C04)	06:22 19:36	06:41 (C06) 18:20 (C04)	05:42 20:08	20	19:24 (C08) 19:44 (C08)	20:25 20:32
15	07:22 16:53	06:54 17:31	06:12 18:04	46	16:43 (C04) 17:29 (C04)	06:21 19:37	06:39 (C06) 18:17 (C04)	05:41 20:09	20	19:24 (C08) 19:44 (C08)	20:25 20:32
16	07:21 16:55	06:53 17:33	06:10 18:05	48	16:42 (C04) 17:30 (C04)	06:19 19:38	06:38 (C06) 18:16 (C04)	05:40 20:10	21	19:24 (C08) 19:45 (C08)	20:25 20:33
17	07:21 16:56	06:52 17:34	06:08 18:06	51	16:40 (C04) 17:31 (C04)	06:17 19:39	06:36 (C06) 18:13 (C04)	05:39 20:11	20	19:26 (C08) 19:46 (C08)	20:25 20:33
18	07:20 16:57	06:50 17:35	06:07 18:07	54	16:38 (C04) 17:32 (C04)	06:16 19:40	06:35 (C06) 18:10 (C04)	05:38 20:12	19	19:26 (C08) 19:45 (C08)	20:25 20:33
19	07:20 16:58	06:49 17:36	06:05 18:08	55	16:38 (C04) 17:33 (C04)	06:14 19:41	06:33 (C06) 18:06 (C04)	05:37 20:13	18	19:26 (C08) 19:44 (C08)	20:25 20:34
20	07:19 16:59	06:47 17:37	06:03 18:09	57	16:36 (C04) 17:33 (C04)	06:13 19:43	06:32 (C06) 06:51 (C06)	05:36 20:13	17	19:27 (C08) 19:44 (C08)	20:25 20:34
21	07:19 17:00	06:46 17:39	06:02 18:10	59	16:35 (C04) 17:34 (C04)	06:11 19:44	06:30 (C06) 06:50 (C06)	05:36 20:14	16	19:27 (C08) 19:43 (C08)	20:25 20:34
22	07:18 17:02	06:45 17:40	06:00 18:12	60	16:35 (C04) 17:35 (C04)	06:10 19:45	06:29 (C06) 06:50 (C06)	05:35 20:15	13	19:29 (C08) 19:42 (C08)	20:26 20:34
23	07:18 17:03	06:43 17:41	05:58 18:13	62	16:33 (C04) 17:35 (C04)	06:09 19:46	06:27 (C06) 06:49 (C06)	05:34 20:16	11	19:30 (C08) 19:41 (C08)	20:26 20:34
24	07:17 17:04	06:42 17:42	05:57 18:14	62	16:32 (C04) 17:34 (C04)	06:07 19:47	06:26 (C06) 06:48 (C06)	05:33 20:17	7	19:32 (C08) 19:39 (C08)	20:26 20:35
25	07:16 17:05	06:40 17:43	05:55 18:15	63	16:32 (C04) 17:35 (C04)	06:06 19:48	06:25 (C06) 06:48 (C06)	05:33 20:18			20:27 20:35
26	07:15 17:06	06:39 17:45	05:53 18:16	63	16:32 (C04) 17:35 (C04)	06:04 19:49	06:25 (C06) 06:46 (C06)	05:32 20:19			20:27 20:35
27	07:15 17:08	06:37 17:46	05:52 18:17	63	16:31 (C04) 17:34 (C04)	06:03 19:50	06:26 (C06) 06:45 (C06)	05:31 20:20			20:27 20:35
28	07:14 17:09	06:36 17:47	05:50 18:18	64	16:30 (C04) 17:34 (C04)	06:01 19:51	06:28 (C06) 06:44 (C06)	05:31 20:21			20:28 20:35
29	07:13 17:10		06:48 19:19	63	17:31 (C04) 18:34 (C04)	06:00 19:52	06:29 (C06) 06:41 (C06)	05:30 20:21			20:28 20:35
30	07:12 17:11		06:47 19:20	64	17:30 (C04) 18:34 (C04)	05:59 19:53	06:34 (C06) 06:37 (C06)	05:29 20:22			20:28 20:35
31	07:11 17:13		06:45 19:21	63	17:30 (C04) 18:33 (C04)			05:29 20:23			
Ore potenziali eliofanìa	297	297	369		399		448		452		
Totale, caso peggiore			1165		1192		304				

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 25 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (7)
Assunzioni sui calcoli d'ombra

- I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre			
1	05:29 20:35	05:53 20:16	19:35 (C08) 19:52 (C08)	06:24 19:33	17:34 (C04) 18:24 (C04)	06:54 18:42	17:28 (C04) 18:04 (C04)	06:28 16:55	07:03 16:31
2	05:29 20:35	05:54 20:15	19:35 (C08) 19:51 (C08)	06:25 19:31	17:32 (C04) 18:24 (C04)	06:55 18:40	17:30 (C04) 18:01 (C04)	06:29 16:54	07:04 16:30
3	05:30 20:34	05:55 20:14	19:35 (C08) 19:50 (C08)	06:26 19:29	17:30 (C04) 18:24 (C04)	06:56 18:39	17:33 (C04) 17:57 (C04)	06:31 16:53	07:05 16:30
4	05:30 20:34	05:56 20:12	19:36 (C08) 19:49 (C08)	06:27 19:28	17:29 (C04) 18:24 (C04)	06:57 18:37	17:38 (C04) 17:52 (C04)	06:32 16:51	07:06 16:30
5	05:31 20:34	05:57 20:11	19:36 (C08) 19:48 (C08)	06:28 19:26	17:28 (C04) 18:25 (C04)	06:58 18:35		06:33 16:50	07:07 16:30
6	05:32 20:34	05:58 20:10	19:37 (C08) 19:47 (C08)	06:29 19:24	17:27 (C04) 18:25 (C04)	06:59 18:34		06:34 16:49	07:08 16:30
7	05:32 20:34	05:59 20:09	19:38 (C08) 19:46 (C08)	06:30 19:23	17:26 (C04) 18:25 (C04)	07:00 18:32		06:35 16:48	07:09 16:30
8	05:33 20:33	06:00 20:08	19:40 (C08) 19:45 (C08)	06:31 19:21	17:25 (C04) 18:25 (C04)	07:01 18:30		06:36 16:47	07:10 16:29
9	05:34 20:33	06:01 20:06	19:43 (C08) 19:44 (C08)	06:32 19:19	17:24 (C04) 18:26 (C04)	07:02 18:29		06:38 16:46	07:11 16:29
10	05:34 20:32	06:02 20:05		06:33 19:18	17:23 (C04) 18:26 (C04)	07:03 18:27		06:39 16:45	07:12 16:29
11	05:35 20:32	06:03 20:04		06:34 19:16	17:22 (C04) 18:25 (C04)	07:04 18:25		06:40 16:44	07:13 16:30
12	05:36 20:32	06:04 20:02		06:35 19:14	17:22 (C04) 18:25 (C04)	07:05 18:24		06:41 16:43	07:13 16:30
13	05:36 20:31	06:05 20:01	06:40 (C06) 06:46 (C06)	06:36 19:13	17:21 (C04) 18:25 (C04)	07:07 18:22		06:42 16:42	07:14 16:30
14	05:37 20:31	06:06 20:00	06:36 (C06) 06:49 (C06)	06:37 19:11	17:21 (C04) 18:25 (C04)	07:08 18:21		06:44 16:41	07:15 16:30
15	05:38 20:30	06:07 19:58	06:34 (C06) 06:51 (C06)	06:38 19:09	17:20 (C04) 18:24 (C04)	07:09 18:19		06:45 16:40	07:16 16:30
16	05:39 20:29	06:08 19:57	06:33 (C06) 06:52 (C06)	06:39 19:07	17:20 (C04) 18:24 (C04)	07:10 18:18		06:46 16:39	07:16 16:30
17	05:39 20:29	06:09 19:56	06:31 (C06) 06:53 (C06)	06:40 19:06	17:20 (C04) 18:23 (C04)	07:11 18:16		06:47 16:38	07:17 16:31
18	05:40 20:28	06:10 19:54	06:31 (C06) 06:54 (C06)	06:41 19:04	17:20 (C04) 18:23 (C04)	07:12 18:15		06:48 16:38	07:18 16:31
19	05:41 20:27	19:43 (C08) 19:48 (C08)	06:11 19:53	06:42 19:02	17:20 (C04) 18:22 (C04)	07:13 18:13		06:50 16:37	07:18 16:31
20	05:42 20:27	19:40 (C08) 19:50 (C08)	06:12 19:51	06:43 19:01	17:20 (C04) 18:21 (C04)	07:14 18:12		06:51 16:36	07:19 16:32
21	05:43 20:26	19:39 (C08) 19:51 (C08)	06:13 19:50	06:44 18:59	17:20 (C04) 18:20 (C04)	07:15 18:10		06:52 16:36	07:20 16:32
22	05:44 20:25	19:38 (C08) 19:53 (C08)	06:14 19:48	06:45 18:57	17:20 (C04) 18:19 (C04)	07:17 18:09		06:53 16:35	07:20 16:33
23	05:45 20:24	19:38 (C08) 19:54 (C08)	06:15 19:47	06:46 18:55	17:20 (C04) 18:18 (C04)	07:18 18:07		06:54 16:34	07:21 16:33
24	05:45 20:23	19:37 (C08) 19:55 (C08)	06:16 19:45	06:47 18:54	17:21 (C04) 18:17 (C04)	07:19 18:06		06:55 16:34	07:21 16:34
25	05:46 20:23	19:37 (C08) 19:55 (C08)	06:17 19:44	06:48 18:52	17:21 (C04) 18:15 (C04)	06:20 17:04		06:57 16:33	07:22 16:34
26	05:47 20:22	19:36 (C08) 19:56 (C08)	06:18 19:42	06:49 18:50	17:22 (C04) 18:14 (C04)	06:21 17:03		06:58 16:33	07:22 16:35
27	05:48 20:21	19:35 (C08) 19:55 (C08)	06:19 19:41	06:50 18:49	17:23 (C04) 18:12 (C04)	06:22 17:02		06:59 16:32	07:22 16:36
28	05:49 20:20	19:35 (C08) 19:55 (C08)	06:20 19:39	06:51 18:47	17:24 (C04) 18:11 (C04)	06:23 17:00		07:00 16:32	07:23 16:36
29	05:50 20:19	19:35 (C08) 19:55 (C08)	06:21 19:37	06:52 18:45	17:25 (C04) 18:09 (C04)	06:25 16:59		07:01 16:31	07:23 16:37
30	05:51 20:18	19:35 (C08) 19:54 (C08)	06:22 19:36	06:53 18:44	17:26 (C04) 18:07 (C04)	06:26 16:58		07:02 16:31	07:23 16:38
31	05:52 20:17	19:35 (C08) 19:53 (C08)	06:23 19:34	06:44 (C06) 18:23 (C04)		06:27 16:56		07:23 16:39	07:23 16:39
Ore potenziali eliofanìa	459			375		345		298	288
Totale, caso peggiore	211		671	1721		105			

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 27 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (8)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno		
1	07:24 16:40	07:10 17:14	06:34 17:48	16:29 (C04) 17:06 (C04)	06:43 19:22	17:12 (C04) 18:11 (C04)	05:57 19:54	05:28 20:24
2	07:24 16:40	07:09 17:15	06:33 17:49	16:24 (C04) 17:09 (C04)	06:42 19:23	17:12 (C04) 18:09 (C04)	05:56 19:55	19:31 (C08) 20:25
3	07:24 16:41	07:08 17:16	06:31 17:50	16:24 (C04) 17:10 (C04)	06:40 19:24	17:13 (C04) 18:07 (C04)	05:55 19:56	19:28 (C08) 20:25
4	07:24 16:42	07:07 17:18	06:29 17:52	16:22 (C04) 17:11 (C04)	06:38 19:25	17:15 (C04) 18:07 (C04)	05:54 19:57	19:26 (C08) 20:26
5	07:24 16:43	07:06 17:19	06:28 17:53	16:21 (C04) 17:13 (C04)	06:37 19:27	17:15 (C04) 18:05 (C04)	05:52 19:58	19:25 (C08) 20:27
6	07:24 16:44	07:05 17:20	06:26 17:54	16:19 (C04) 17:14 (C04)	06:35 19:28	17:17 (C04) 18:03 (C04)	05:51 19:59	19:24 (C08) 20:27
7	07:24 16:45	07:04 17:21	06:25 17:55	16:18 (C04) 17:16 (C04)	06:33 19:29	17:18 (C04) 18:01 (C04)	05:50 20:01	19:23 (C08) 20:28
8	07:24 16:46	07:03 17:23	06:23 17:56	16:16 (C04) 17:16 (C04)	06:32 19:30	06:50 (C06) 17:59 (C04)	05:49 20:02	19:22 (C08) 20:29
9	07:23 16:47	07:02 17:24	06:22 17:57	16:15 (C04) 17:16 (C04)	06:30 19:31	06:49 (C06) 17:57 (C04)	05:48 20:03	19:21 (C08) 20:29
10	07:23 16:48	07:00 17:25	06:20 17:58	16:14 (C04) 17:18 (C04)	06:29 19:32	06:47 (C06) 17:54 (C04)	05:46 20:04	19:21 (C08) 20:30
11	07:23 16:49	06:59 17:26	06:18 17:59	16:13 (C04) 17:18 (C04)	06:27 19:33	06:45 (C06) 17:50 (C04)	05:45 20:05	19:21 (C08) 20:30
12	07:23 16:50	06:58 17:28	06:17 18:01	16:12 (C04) 17:18 (C04)	06:25 19:34	06:44 (C06) 17:45 (C04)	05:44 20:06	19:21 (C08) 20:31
13	07:23 16:51	06:57 17:29	06:15 18:02	16:12 (C04) 17:19 (C04)	06:24 19:35	06:42 (C06) 06:57 (C06)	05:43 20:07	19:21 (C08) 20:31
14	07:22 16:52	06:55 17:30	06:13 18:03	16:11 (C04) 17:19 (C04)	06:22 19:36	06:41 (C06) 06:58 (C06)	05:42 20:08	19:21 (C08) 20:32
15	07:22 16:53	06:54 17:31	06:12 18:04	16:10 (C04) 17:19 (C04)	06:21 19:37	06:39 (C06) 06:57 (C06)	05:41 20:09	19:21 (C08) 20:32
16	07:21 16:55	06:53 17:33	06:10 18:05	16:10 (C04) 17:20 (C04)	06:19 19:38	06:38 (C06) 06:57 (C06)	05:40 20:10	19:22 (C08) 20:33
17	07:21 16:56	06:52 17:34	06:08 18:06	16:09 (C04) 17:19 (C04)	06:18 19:39	06:36 (C06) 06:56 (C06)	05:39 20:11	19:23 (C08) 20:33
18	07:20 16:57	06:50 17:35	06:07 18:07	16:09 (C04) 17:19 (C04)	06:16 19:40	06:35 (C06) 06:56 (C06)	05:38 20:12	19:24 (C08) 20:33
19	07:20 16:58	06:49 17:36	06:05 18:08	16:09 (C04) 17:19 (C04)	06:14 19:41	06:33 (C06) 06:54 (C06)	05:37 20:13	19:24 (C08) 20:34
20	07:19 16:59	06:47 17:37	06:03 18:09	16:08 (C04) 17:19 (C04)	06:13 19:43	06:33 (C06) 06:54 (C06)	05:37 20:13	19:25 (C08) 20:34
21	07:19 17:00	06:46 17:39	06:02 18:10	16:08 (C04) 17:18 (C04)	06:11 19:44	06:33 (C06) 06:52 (C06)	05:36 20:14	19:26 (C08) 20:34
22	07:18 17:02	06:45 17:40	06:00 18:12	16:08 (C04) 17:19 (C04)	06:10 19:45	06:35 (C06) 06:50 (C06)	05:35 20:15	19:28 (C08) 20:34
23	07:18 17:03	06:43 17:41	05:58 18:13	16:08 (C04) 17:18 (C04)	06:09 19:46	06:37 (C06) 06:47 (C06)	05:34 20:16	19:29 (C08) 20:34
24	07:17 17:04	06:42 17:42	05:57 18:14	16:08 (C04) 17:17 (C04)	06:07 19:47	05:33 20:17	05:33 20:17	05:26 20:35
25	07:16 17:05	06:40 17:43	05:55 18:15	16:09 (C04) 17:17 (C04)	06:06 19:48	05:33 20:18	05:33 20:18	05:27 20:35
26	07:15 17:06	06:39 17:45	05:53 18:16	16:09 (C04) 17:16 (C04)	06:04 19:49	05:32 20:19	05:32 20:19	05:27 20:35
27	07:15 17:08	06:37 17:46	05:52 18:17	16:09 (C04) 17:15 (C04)	06:03 19:50	05:31 20:20	05:31 20:20	05:27 20:35
28	07:14 17:09	06:36 17:47	05:50 18:18	16:09 (C04) 17:14 (C04)	06:01 19:51	05:31 20:21	05:31 20:21	05:28 20:35
29	07:13 17:10		06:48 19:19	17:10 (C04) 18:14 (C04)	06:00 19:52	05:30 20:21	05:30 20:21	05:28 20:35
30	07:12 17:11		06:47 19:20	17:10 (C04) 18:13 (C04)	05:59 19:53	05:29 20:22	05:29 20:22	05:28 20:35
31	07:11 17:13		06:45 19:21	17:10 (C04) 18:11 (C04)		05:29 20:23	05:29 20:23	
Ore potenziali eliofania	297	297	369	399	448	452		
Totale, caso peggiore		71	1944	740	334			

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 27 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (8)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre			
1	05:29 20:35	05:53 20:16	19:32 (C08) 19:52 (C08)	06:24 19:33	06:45 (C06) 17:50 (C04)	06:54 18:42	16:51 (C04) 17:58 (C04)	06:28 16:55	07:03 16:31
2	05:29 20:35	05:54 20:15	19:32 (C08) 19:51 (C08)	06:25 19:31	06:46 (C06) 17:53 (C04)	06:55 18:40	16:51 (C04) 17:57 (C04)	06:29 16:54	07:04 16:30
3	05:30 20:34	05:55 20:14	19:32 (C08) 19:50 (C08)	06:26 19:29	06:46 (C06) 17:54 (C04)	06:56 18:39	16:52 (C04) 17:56 (C04)	06:31 16:53	07:05 16:30
4	05:30 20:34	05:56 20:12	19:32 (C08) 19:49 (C08)	06:27 19:28	06:47 (C06) 17:56 (C04)	06:57 18:37	16:52 (C04) 17:55 (C04)	06:32 16:51	07:06 16:30
5	05:31 20:34	05:57 20:11	19:33 (C08) 19:48 (C08)	06:28 19:26	17:15 (C04) 17:57 (C04)	06:58 18:35	16:53 (C04) 17:53 (C04)	06:33 16:50	07:07 16:30
6	05:32 20:34	05:58 20:10	19:33 (C08) 19:47 (C08)	06:29 19:24	17:12 (C04) 17:58 (C04)	06:59 18:34	16:53 (C04) 17:52 (C04)	06:34 16:49	07:08 16:30
7	05:32 20:34	05:59 20:09	19:34 (C08) 19:46 (C08)	06:30 19:23	17:11 (C04) 18:00 (C04)	07:00 18:32	16:54 (C04) 17:50 (C04)	06:35 16:48	07:09 16:30
8	05:33 20:33	06:00 20:08	19:35 (C08) 19:45 (C08)	06:31 19:21	17:09 (C04) 18:01 (C04)	07:01 18:30	16:55 (C04) 17:49 (C04)	06:37 16:47	07:10 16:29
9	05:34 20:33	06:01 20:06	19:36 (C08) 19:44 (C08)	06:32 19:19	17:07 (C04) 18:01 (C04)	07:02 18:29	16:56 (C04) 17:47 (C04)	06:38 16:46	07:11 16:29
10	05:34 20:32	06:02 20:05	19:38 (C08) 19:42 (C08)	06:33 19:18	17:05 (C04) 18:02 (C04)	07:03 18:27	16:58 (C04) 17:46 (C04)	06:39 16:45	07:12 16:29
11	05:35 20:32	06:03 20:04		06:34 19:16	17:04 (C04) 18:03 (C04)	07:04 18:25	17:00 (C04) 17:44 (C04)	06:40 16:44	07:13 16:30
12	05:36 20:32	06:04 20:02		06:35 19:14	17:03 (C04) 18:03 (C04)	07:05 18:24	17:01 (C04) 17:41 (C04)	06:41 16:43	07:13 16:30
13	05:36 20:31	06:05 20:01		06:36 19:13	17:01 (C04) 18:04 (C04)	07:07 18:22	17:03 (C04) 17:38 (C04)	06:42 16:42	07:14 16:30
14	05:37 20:31	06:06 20:00		06:37 19:11	17:00 (C04) 18:04 (C04)	07:08 18:21	17:06 (C04) 17:35 (C04)	06:44 16:41	07:15 16:30
15	05:38 20:30	06:07 19:58		06:38 19:09	16:59 (C04) 18:04 (C04)	07:09 18:19	17:10 (C04) 17:31 (C04)	06:45 16:40	07:16 16:30
16	05:39 20:29	06:08 19:57		06:39 19:07	16:58 (C04) 18:04 (C04)	07:10 18:18	17:17 (C04) 17:23 (C04)	06:46 16:39	07:16 16:30
17	05:39 20:29	06:09 19:56		06:40 19:06	16:57 (C04) 18:04 (C04)	07:11 18:16		06:47 16:38	07:17 16:31
18	05:40 20:28	06:10 19:54		06:41 19:04	16:56 (C04) 18:04 (C04)	07:12 18:15		06:48 16:38	07:18 16:31
19	05:41 20:27	06:11 19:53	06:47 (C06) 06:49 (C06)	06:42 19:02	16:55 (C04) 18:04 (C04)	07:13 18:13		06:50 16:37	07:18 16:31
20	05:42 20:27	19:40 (C08) 19:51	06:12 06:42 (C06)	06:43 19:01	16:55 (C04) 18:04 (C04)	07:14 18:12		06:51 16:36	07:19 16:32
21	05:43 20:26	19:38 (C08) 19:47 (C08)	06:13 19:50	06:44 06:55 (C06)	16:54 (C04) 18:04 (C04)	07:15 18:10		06:52 16:36	07:20 16:32
22	05:44 20:25	19:37 (C08) 19:49 (C08)	06:14 19:48	06:45 06:57 (C06)	16:53 (C04) 18:04 (C04)	07:17 18:09		06:53 16:35	07:20 16:33
23	05:45 20:24	19:36 (C08) 19:50 (C08)	06:15 19:47	06:46 06:58 (C06)	16:53 (C04) 18:03 (C04)	07:18 18:07		06:54 16:34	07:21 16:33
24	05:45 20:23	19:35 (C08) 19:51 (C08)	06:16 19:45	06:47 06:58 (C06)	16:52 (C04) 18:03 (C04)	07:19 18:06		06:55 16:34	07:21 16:34
25	05:46 20:23	19:34 (C08) 19:52 (C08)	06:17 19:44	06:48 06:59 (C06)	16:52 (C04) 18:02 (C04)	06:20 17:04		06:57 16:33	07:22 16:34
26	05:47 20:22	19:34 (C08) 19:53 (C08)	06:18 19:41	06:49 06:59 (C06)	16:52 (C04) 18:02 (C04)	06:21 17:03		06:58 16:33	07:22 16:35
27	05:48 20:21	19:33 (C08) 19:53 (C08)	06:19 19:41	06:50 06:59 (C06)	16:51 (C04) 18:01 (C04)	06:22 17:02		06:59 16:32	07:22 16:36
28	05:49 20:20	19:32 (C08) 19:53 (C08)	06:20 19:39	06:51 06:59 (C06)	16:51 (C04) 18:00 (C04)	06:23 17:00		07:00 16:32	07:23 16:36
29	05:50 20:19	19:32 (C08) 19:54 (C08)	06:21 19:37	06:52 06:58 (C06)	16:51 (C04) 18:00 (C04)	06:25 16:59		07:01 16:31	07:23 16:37
30	05:51 20:18	19:32 (C08) 19:54 (C08)	06:22 19:36	06:53 06:58 (C06)	16:51 (C04) 17:59 (C04)	06:26 16:58		07:02 16:31	07:23 16:38
31	05:52 20:17	19:32 (C08) 19:53 (C08)	06:23 19:34	06:44 (C06) 17:45 (C04)		06:27 16:56			07:23 16:39
Ore potenziali eliofanìa	459	428		375		345		298	288
Totale, caso peggiore	198	360		1806		763			

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento)
Tramonto (hh:mm)Minuti d'ombra Fine ombreggiamento (hh:mm) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 28 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (9)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

Il sole splende tutto il di, dall'alba al tramonto

Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole

La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	
1	07:24 16:40	07:10 17:14	06:34 17:48	06:43 19:22	05:57 19:54	05:28 20:24	05:50 (C05) 05:53 (C05)
2	07:24 16:40	07:09 17:15	06:33 17:49	17:04 (C04) 19:23	06:42 19:55	05:28 20:25	05:50 (C05) 05:54 (C05)
3	07:24 16:41	07:08 17:16	06:31 17:50	16:59 (C04) 19:24	06:40 19:56	05:28 20:25	05:49 (C05) 05:54 (C05)
4	07:24 16:42	07:07 17:18	06:29 17:52	16:56 (C04) 19:25	06:38 19:57	05:27 20:26	05:49 (C05) 05:55 (C05)
5	07:24 16:43	07:06 17:19	06:28 17:53	16:55 (C04) 19:27	06:37 19:58	05:27 20:27	05:49 (C05) 05:56 (C05)
6	07:24 16:44	07:05 17:20	06:26 17:54	16:53 (C04) 19:28	06:35 19:59	05:26 20:27	05:48 (C05) 05:56 (C05)
7	07:24 16:45	07:04 17:21	06:25 17:55	16:52 (C04) 19:29	06:33 20:01	05:26 20:28	05:48 (C05) 05:57 (C05)
8	07:24 16:46	07:03 17:23	06:23 17:56	16:50 (C04) 19:30	06:32 6 06:50 (C06)	05:49 20:02	05:48 (C05) 05:57 (C05)
9	07:23 16:47	07:02 17:24	06:22 17:57	16:49 (C04) 19:31	06:30 10 06:59 (C06)	05:48 20:03	05:48 (C05) 05:58 (C05)
10	07:23 16:48	07:00 17:25	06:20 17:58	16:48 (C04) 19:32	06:29 13 07:00 (C06)	05:46 20:04	05:48 (C05) 05:58 (C05)
11	07:23 16:49	06:59 17:26	06:18 17:59	16:47 (C04) 19:33	06:27 16 07:01 (C06)	05:45 20:05	05:47 (C05) 05:58 (C05)
12	07:23 16:50	06:58 17:28	06:17 18:01	16:46 (C04) 19:34	06:25 18 06:44 (C06)	05:44 20:06	05:47 (C05) 05:58 (C05)
13	07:23 16:51	06:57 17:29	06:15 18:02	16:46 (C04) 19:35	06:24 21 07:03 (C06)	05:43 20:07	05:47 (C05) 05:59 (C05)
14	07:22 16:52	06:55 17:30	06:13 18:03	16:46 (C04) 19:36	06:22 23 07:04 (C06)	05:42 20:08	05:47 (C05) 05:59 (C05)
15	07:22 16:53	06:54 17:31	07:14 (C07) 18:04	06:12 44 17:29 (C04)	06:21 24 07:03 (C06)	05:41 20:09	05:47 (C05) 05:59 (C05)
16	07:21 16:55	06:53 17:33	07:12 (C07) 18:05	06:10 44 17:29 (C04)	06:19 26 07:04 (C06)	05:40 20:10	05:47 (C05) 05:59 (C05)
17	07:21 16:56	06:52 17:34	07:11 (C07) 18:06	06:08 43 17:28 (C04)	06:17 27 07:03 (C06)	05:39 20:11	05:47 (C05) 06:00 (C05)
18	07:20 16:57	06:50 17:35	07:09 (C07) 18:07	06:07 42 17:27 (C04)	06:16 29 07:04 (C06)	05:38 20:12	05:48 (C05) 06:01 (C05)
19	07:20 16:58	06:49 17:36	07:08 (C07) 18:08	06:05 42 17:27 (C04)	06:14 30 07:03 (C06)	05:37 20:13	05:48 (C05) 06:01 (C05)
20	07:19 16:59	06:47 17:37	07:07 (C07) 18:09	06:03 41 17:26 (C04)	06:13 31 07:03 (C06)	05:36 20:13	05:48 (C05) 06:01 (C05)
21	07:19 17:00	06:46 17:39	07:05 (C07) 18:10	06:02 39 17:25 (C04)	06:11 32 07:02 (C06)	05:36 20:14	05:48 (C05) 06:01 (C05)
22	07:18 17:02	06:45 17:40	07:04 (C07) 18:12	06:00 38 17:25 (C04)	06:10 32 07:02 (C06)	05:35 20:15	05:48 (C05) 06:01 (C05)
23	07:18 17:03	06:43 17:41	07:02 (C07) 18:13	05:58 36 17:23 (C04)	06:08 31 07:01 (C06)	05:34 20:16	05:49 (C05) 06:02 (C05)
24	07:17 17:04	06:42 17:42	07:01 (C07) 18:14	05:57 33 17:21 (C04)	06:07 29 07:00 (C06)	05:33 20:17	05:49 (C05) 06:02 (C05)
25	07:16 17:05	06:40 17:43	06:59 (C07) 18:15	05:55 30 17:19 (C04)	06:06 28 07:00 (C06)	05:33 20:18	05:49 (C05) 06:02 (C05)
26	07:15 17:06	06:39 17:45	07:01 (C07) 18:16	05:53 27 17:18 (C04)	06:04 26 06:58 (C06)	05:32 20:19	05:49 (C05) 06:01 (C05)
27	07:15 17:08	06:37 17:46	07:03 (C07) 18:17	05:52 23 17:15 (C04)	06:03 24 06:57 (C06)	05:31 20:20	05:50 (C05) 06:02 (C05)
28	07:14 17:09	06:36 17:47	07:09 (C07)	05:50 17 17:12 (C04)	06:01 20 06:55 (C06)	05:31 20:21	05:50 (C05) 06:02 (C05)
29	07:13 17:10			06:48 7 18:07 (C04)	06:00 17 06:53 (C06)	05:30 20:21	05:51 (C05) 06:03 (C05)
30	07:12 17:11			06:47 19:20	05:59 11 06:50 (C06)	05:29 20:22	05:51 (C05) 06:02 (C05)
31	07:11 17:13			06:45 19:21		05:29 20:23	05:50 (C05) 05:51 (C05)
Ore potenziali eliofanìa	297	297	369	399	448	1	452
Totale, caso peggiore		125	950	524	1		317

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 28 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (9)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Luglio		Agosto		Settembre		Ottobre		Novembre		Dicembre		
1	05:29		05:52 (C05)	05:53	06:24	06:45 (C06)	06:54	17:26 (C04)	06:28	07:03			
	20:35	11	06:03 (C05)	20:16	19:33	16	07:01 (C06)	18:42	42	18:08 (C04)	16:55	16:31	
2	05:29		05:52 (C05)	05:54	06:25	06:46 (C06)	06:55	17:26 (C04)	06:29	07:04			
	20:35	11	06:03 (C05)	20:15	19:31	13	06:59 (C06)	18:40	42	18:08 (C04)	16:54	16:30	
3	05:30		05:53 (C05)	05:55	06:26	06:46 (C06)	06:56	17:26 (C04)	06:31	07:05			
	20:34	10	06:03 (C05)	20:14	19:29	10	06:56 (C06)	18:39	41	18:07 (C04)	16:53	16:30	
4	05:30		05:53 (C05)	05:56	06:27	06:47 (C06)	06:57	17:26 (C04)	06:32	07:06			
	20:34	9	06:02 (C05)	20:12	19:28	6	06:53 (C06)	18:37	40	18:06 (C04)	16:51	16:30	
5	05:31		05:54 (C05)	05:57	06:28			06:58		17:26 (C04)	06:33	07:07	
	20:34	9	06:03 (C05)	20:11	19:26			18:35	39	18:05 (C04)	16:50	16:30	
6	05:32		05:54 (C05)	05:58	06:29			06:59		17:27 (C04)	06:34	07:08	
	20:34	8	06:02 (C05)	20:10	19:24			18:34	36	18:03 (C04)	16:49	16:30	
7	05:32		05:55 (C05)	05:59	06:30			07:00		17:28 (C04)	06:35	07:09	
	20:34	7	06:02 (C05)	20:09	19:23			18:32	34	18:02 (C04)	16:48	16:30	
8	05:33		05:55 (C05)	06:00	06:31			07:01		17:29 (C04)	06:36	07:10	
	20:33	7	06:02 (C05)	20:08	19:21			18:30	31	18:00 (C04)	16:47	16:29	
9	05:33		05:56 (C05)	06:01	06:32			07:02		17:30 (C04)	06:38	07:11	
	20:33	6	06:02 (C05)	20:06	19:19			18:29	28	17:58 (C04)	16:46	16:29	
10	05:34		05:57 (C05)	06:02	06:33			07:03		17:33 (C04)	06:39	07:12	
	20:32	5	06:02 (C05)	20:05	19:18			18:27	23	17:56 (C04)	16:45	16:29	
11	05:35		05:57 (C05)	06:03	06:34			07:04		17:35 (C04)	06:40	07:13	
	20:32	3	06:00 (C05)	20:04	19:16			18:25	18	17:53 (C04)	16:44	16:30	
12	05:36		05:58 (C05)	06:04	06:35			07:05		17:39 (C04)	06:41	07:13	
	20:32	2	06:00 (C05)	20:02	19:14			18:24	9	17:48 (C04)	16:43	16:30	
13	05:36		06:05	06:05	06:46 (C06)	06:36		07:07			06:42	07:14	
	20:31		20:01	13	06:59 (C06)	19:13		18:22			16:42	16:30	
14	05:37		06:06	06:43 (C06)	06:37		17:52 (C04)	07:08			06:44	07:15	
	20:31		20:00	18	07:01 (C06)	19:11	3	17:55 (C04)	18:21		16:41	16:30	
15	05:38		06:07	06:41 (C06)	06:38		17:45 (C04)	07:09		07:34 (C07)	06:45	07:16	
	20:30		19:58	22	07:03 (C06)	19:09	16	18:01 (C04)	18:19	9	07:43 (C07)	16:40	16:30
16	05:39		06:08	06:40 (C06)	06:39		17:42 (C04)	07:10		07:31 (C07)	06:46	07:16	
	20:29		19:57	24	07:04 (C06)	19:07	22	18:04 (C04)	18:18	14	07:45 (C07)	16:39	16:30
17	05:39		06:09	06:39 (C06)	06:40		17:39 (C04)	07:11		07:31 (C07)	06:47	07:17	
	20:29		19:56	26	07:05 (C06)	19:06	27	18:06 (C04)	18:16	15	07:46 (C07)	16:38	16:31
18	05:40		06:10	06:37 (C06)	06:41		17:37 (C04)	07:12		07:33 (C07)	06:48	07:18	
	20:28		19:54	28	07:05 (C06)	19:04	30	18:07 (C04)	18:15	15	07:48 (C07)	16:38	16:31
19	05:41		06:11	06:37 (C06)	06:42		17:36 (C04)	07:13		07:34 (C07)	06:50	07:18	
	20:27		19:53	29	07:06 (C06)	19:02	32	18:08 (C04)	18:13	14	07:48 (C07)	16:37	16:31
20	05:42		06:12	06:36 (C06)	06:43		17:34 (C04)	07:14		07:35 (C07)	06:51	07:19	
	20:27		19:51	31	07:07 (C06)	19:01	35	18:09 (C04)	18:12	13	07:48 (C07)	16:36	16:32
21	05:43		06:13	06:35 (C06)	06:44		17:32 (C04)	07:15		07:36 (C07)	06:52	07:20	
	20:26		19:50	32	07:07 (C06)	18:59	38	18:10 (C04)	18:10	12	07:48 (C07)	16:36	16:32
22	05:44		06:14	06:35 (C06)	06:45		17:31 (C04)	07:17		07:37 (C07)	06:53	07:20	
	20:25		19:48	32	07:07 (C06)	18:57	39	18:10 (C04)	18:09	11	07:48 (C07)	16:35	16:33
23	05:44		06:15	06:36 (C06)	06:46		17:30 (C04)	07:18		07:39 (C07)	06:54	07:21	
	20:24		19:47	31	07:07 (C06)	18:55	41	18:11 (C04)	18:07	9	07:48 (C07)	16:34	16:33
24	05:45		06:16	06:37 (C06)	06:47		17:29 (C04)	07:19		07:40 (C07)	06:55	07:21	
	20:23		19:45	30	07:07 (C06)	18:54	42	18:11 (C04)	18:06	7	07:47 (C07)	16:34	16:34
25	05:46		06:17	06:38 (C06)	06:48		17:28 (C04)	06:20		06:41 (C07)	06:57	07:21	
	20:23		19:44	29	07:07 (C06)	18:52	43	18:11 (C04)	17:04	5	06:46 (C07)	16:33	16:34
26	05:47		06:18	06:39 (C06)	06:49		17:28 (C04)	06:21		06:42 (C07)	06:58	07:22	
	20:22		19:42	27	07:06 (C06)	18:50	43	18:11 (C04)	17:03	3	06:45 (C07)	16:33	16:35
27	05:48		06:19	06:40 (C06)	06:50		17:27 (C04)	06:22			06:59	07:22	
	20:21		19:40	26	07:06 (C06)	18:49	43	18:10 (C04)	17:02		16:32	16:36	
28	05:49		06:20	06:41 (C06)	06:51		17:26 (C04)	06:23			07:00	07:23	
	20:20		19:39	24	07:05 (C06)	18:47	44	18:10 (C04)	17:00		16:32	16:36	
29	05:50		06:21	06:42 (C06)	06:52		17:26 (C04)	06:25			07:01	07:23	
	20:19		19:37	22	07:04 (C06)	18:45	44	18:10 (C04)	16:59		16:31	16:37	
30	05:51		06:22	06:43 (C06)	06:53		17:26 (C04)	06:26			07:02	07:23	
	20:18		19:36	20	07:03 (C06)	18:44	43	18:09 (C04)	16:58		16:31	16:38	
31	05:52		06:23	06:44 (C06)				06:27				07:23	
	20:17		19:34	18	07:02 (C06)			16:56				16:39	
Ore potenziali eliofania	459		428		375		345		298		288		
Totale, caso peggiore	88		487		630		510						

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento)
Tramonto (hh:mm)Minuti d'ombra Fine ombreggiamento (hh:mm) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 29 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (10)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:24 16:40	07:10 17:14	07:30 (C07) 17:48	06:34 17:48	16:38 (C04) 06:43	05:57 20:24
2	07:24 16:40	07:09 17:15	07:29 (C07) 17:49	06:33 17:49	16:50 (C04) 06:42	05:56 20:24
3	07:24 16:41	07:08 17:16	07:28 (C07) 17:50	06:31 17:50	07:18 (C06) 06:40	05:55 20:25
4	07:24 16:42	07:07 17:18	07:28 (C07) 17:52	06:29 17:52	07:19 (C06) 06:38	05:54 20:25
5	07:24 16:43	07:06 17:19	07:29 (C07) 17:53	06:28 17:53	07:20 (C06) 06:37	05:53 20:26
6	07:24 16:44	07:05 17:20	07:31 (C07) 17:54	06:26 17:54	07:24 (C06) 06:35	05:52 20:27
7	07:24 16:45	07:04 17:21	07:33 (C07) 17:55	06:25 17:55	07:28 (C06) 06:33	05:51 20:28
8	07:24 16:46	07:03 17:23	07:33 (C07) 17:56	06:23 17:56	07:35 (C06) 06:32	05:50 20:29
9	07:23 16:47	07:02 17:24	07:34 (C07) 17:57	06:21 17:57	07:49 (C06) 06:30	05:49 20:30
10	07:23 16:48	07:00 17:25	07:35 (C07) 17:58	06:20 17:58	07:49 (C06) 06:28	05:48 20:31
11	07:23 16:49	06:59 17:26	07:36 (C07) 17:59	06:18 17:59	07:49 (C06) 06:27	05:47 20:32
12	07:23 16:50	06:58 17:28	07:37 (C07) 18:01	06:17 18:01	06:05 (C05) 06:05 (C05)	05:46 20:33
13	07:23 16:51	06:57 17:29	07:38 (C07) 18:02	06:15 18:02	06:08 (C05) 06:08 (C05)	05:45 20:34
14	07:22 16:52	06:55 17:30	07:39 (C07) 18:03	06:13 18:03	06:11 (C05) 06:11 (C05)	05:44 20:35
15	07:22 16:53	06:54 17:31	07:40 (C07) 18:04	06:12 18:04	06:12 (C05) 06:12 (C05)	05:43 20:36
16	07:21 16:55	06:53 17:33	07:41 (C07) 18:05	06:11 18:05	06:13 (C05) 06:13 (C05)	05:42 20:37
17	07:21 16:56	06:52 17:34	07:42 (C07) 18:06	06:10 18:06	06:14 (C05) 06:14 (C05)	05:41 20:38
18	07:20 16:57	06:50 17:35	07:43 (C07) 18:07	06:09 18:07	06:15 (C05) 06:15 (C05)	05:40 20:39
19	07:20 16:58	06:49 17:36	07:44 (C07) 18:08	06:08 18:08	06:16 (C05) 06:16 (C05)	05:39 20:40
20	07:19 16:59	06:47 17:37	07:45 (C07) 18:09	06:07 18:09	06:17 (C05) 06:17 (C05)	05:38 20:41
21	07:19 17:00	07:40 (C07) 17:39	07:46 (C07) 18:10	06:06 18:10	06:18 (C05) 06:18 (C05)	05:37 20:42
22	07:18 17:02	07:39 (C07) 17:40	07:47 (C07) 18:11	06:05 18:11	06:19 (C05) 06:19 (C05)	05:36 20:43
23	07:18 17:03	07:38 (C07) 17:41	07:48 (C07) 18:12	06:04 18:12	06:20 (C05) 06:20 (C05)	05:35 20:44
24	07:17 17:04	07:37 (C07) 17:42	07:49 (C07) 18:13	06:03 18:13	06:21 (C05) 06:21 (C05)	05:34 20:45
25	07:16 17:05	07:36 (C07) 17:43	07:50 (C07) 18:14	06:02 18:14	06:22 (C05) 06:22 (C05)	05:33 20:46
26	07:15 17:06	07:35 (C07) 17:44	07:51 (C07) 18:15	06:01 18:15	06:23 (C05) 06:23 (C05)	05:32 20:47
27	07:15 17:08	07:34 (C07) 17:46	07:52 (C07) 18:16	06:00 18:16	06:24 (C05) 06:24 (C05)	05:31 20:48
28	07:14 17:09	07:33 (C07) 17:47	07:53 (C07) 18:17	05:59 18:17	06:25 (C05) 06:25 (C05)	05:30 20:49
29	07:13 17:10	07:32 (C07) 17:48	07:54 (C07) 18:18	05:58 18:18	06:26 (C05) 06:26 (C05)	05:29 20:50
30	07:12 17:11	07:31 (C07) 17:49	07:55 (C07) 18:19	05:57 18:19	06:27 (C05) 06:27 (C05)	05:28 20:51
31	07:11 17:13	07:30 (C07) 17:50	07:56 (C07) 18:20	05:56 18:20	06:28 (C05) 06:28 (C05)	05:27 20:52
Ore potenziali eliofanìa	297	297	369	399	449	453
Totale, caso peggiore	103	739	631	128	409	620

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento)
Tramonto (hh:mm)Minuti d'ombra Fine ombreggiamento (hh:mm) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 29 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (10)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29	06:01 (C05)	05:53	06:15 (C05)	06:24	06:54
	20:35	21 06:22 (C05)	20:16	5 06:20 (C05)	19:33	18:42
2	05:29	06:01 (C05)	05:54	06:16 (C05)	06:25	06:55
	20:35	21 06:22 (C05)	20:15	1 06:17 (C05)	19:31	18:40
3	05:30	06:01 (C05)	05:55		06:26	06:56
	20:34	22 06:23 (C05)	20:13		19:29	18:38
4	05:30	06:01 (C05)	05:56		06:27	06:57
	20:34	22 06:23 (C05)	20:12		19:28	18:37
5	05:31	06:01 (C05)	05:57		06:28	06:58
	20:34	23 06:24 (C05)	20:11		19:26	18:35
6	05:32	06:00 (C05)	05:58		06:29	06:59
	20:34	24 06:24 (C05)	20:10		19:24	18:34
7	05:32	06:01 (C05)	05:59		06:30	07:00
	20:34	24 06:25 (C05)	20:09		19:23	18:32
8	05:33	06:00 (C05)	06:00		06:31	07:01
	20:33	25 06:25 (C05)	20:08		19:21	18:30
9	05:33	06:00 (C05)	06:01		06:32	07:02
	20:33	25 06:25 (C05)	20:06		19:19	18:29
10	05:34	06:00 (C05)	06:02		06:33	07:03
	20:32	26 06:26 (C05)	20:05		19:18	18:27
11	05:35	06:00 (C05)	06:03		06:34	07:04
	20:32	26 06:26 (C05)	20:04		19:16	18:25
12	05:36	06:00 (C05)	06:04		06:35	07:05
	20:32	27 06:27 (C05)	20:02		19:14	18:24
13	05:36	06:00 (C05)	06:05		06:36	07:07
	20:31	27 06:27 (C05)	20:01		19:13	18:22
14	05:37	06:00 (C05)	06:06		06:37	07:08
	20:31	28 06:28 (C05)	20:00		19:11	18:21
15	05:38	06:00 (C05)	06:07		06:38	07:09
	20:30	27 06:27 (C05)	19:58		19:09	18:19
16	05:39	06:01 (C05)	06:08		06:39	07:10
	20:29	27 06:28 (C05)	19:57		19:07	18:18
17	05:39	06:02 (C05)	06:09		06:40	07:11
	20:29	26 06:28 (C05)	19:55		19:06	18:16
18	05:40	06:03 (C05)	06:10		06:41	07:12
	20:28	25 06:28 (C05)	19:54		19:04	18:15
19	05:41	06:04 (C05)	06:11		06:42	07:13
	20:27	25 06:29 (C05)	19:53		19:02	18:13
20	05:42	06:04 (C05)	06:12		06:43	07:14
	20:27	24 06:28 (C05)	19:51		19:01	18:12
21	05:43	06:05 (C05)	06:13		06:44	07:15
	20:26	23 06:28 (C05)	19:50		18:59	18:10
22	05:44	06:06 (C05)	06:14		06:45	07:17
	20:25	22 06:28 (C05)	19:48		18:57	18:09
23	05:44	06:07 (C05)	06:15		06:46	07:18
	20:24	21 06:28 (C05)	19:47		18:55	18:07
24	05:45	06:08 (C05)	06:16		06:47	07:19
	20:23	20 06:28 (C05)	19:45		18:54	18:06
25	05:46	06:09 (C05)	06:17		06:48	07:20
	20:23	19 06:28 (C05)	19:44		18:52	17:04
26	05:47	06:10 (C05)	06:18		06:49	07:21
	20:22	17 06:27 (C05)	19:42		18:50	17:03
27	05:48	06:10 (C05)	06:19		06:50	07:22
	20:21	16 06:26 (C05)	19:40		18:49	17:02
28	05:49	06:11 (C05)	06:20		06:51	07:23
	20:20	14 06:25 (C05)	19:39		18:47	17:00
29	05:50	06:12 (C05)	06:21		06:52	07:24
	20:19	13 06:25 (C05)	19:37		18:45	16:59
30	05:51	06:13 (C05)	06:22		06:53	07:25
	20:18	11 06:24 (C05)	19:36		18:44	16:58
31	05:52	06:14 (C05)	06:23			06:27
	20:17	8 06:22 (C05)	19:34			16:56
Ore potenziali eliofanìa	459	428		375	345	298
Totale, caso peggiore	679		6	748	579	303

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 33 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (11)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno			
1	07:24	07:10	06:34	06:53 (C06)	06:43	05:57	19:29 (C03)	05:28	
	16:40	17:14	17:48	17:07 (C06)	19:22	19:54	3 19:32 (C03)	20:24	
2	07:24	07:09	06:33	06:54 (C06)	06:42	05:56	19:25 (C03)	05:28	
	16:40	17:15	17:49	12 07:06 (C06)	19:23	19:55	7 19:32 (C03)	20:25	
3	07:24	07:08	06:31	06:57 (C06)	06:40	05:55	19:23 (C03)	05:28	
	16:41	17:16	17:50	5 07:02 (C06)	19:24	19:56	10 19:33 (C03)	20:25	
4	07:24	07:07	06:30		06:38	05:54	19:22 (C03)	05:27	
	16:42	17:18	17:52		19:25	19:57	12 19:34 (C03)	20:26	
5	07:24	07:06	06:28		06:37	05:52	19:21 (C03)	05:27	
	16:43	17:19	17:53		19:27	19:58	14 19:35 (C03)	20:27	
6	07:24	07:05	06:26		06:35	05:51	19:20 (C03)	05:26	
	16:44	17:20	17:54		19:28	20:00	17 19:37 (C03)	20:27	
7	07:24	07:04	06:25		06:33	05:50	19:20 (C03)	05:26	
	16:45	17:21	17:55		19:29	20:01	18 19:38 (C03)	20:28	
8	07:24	07:03	06:23		06:32	05:49	19:19 (C03)	05:26	
	16:46	17:23	17:56		19:30	20:02	19 19:38 (C03)	20:29	
9	07:24	07:02	06:22		06:30	05:48	19:18 (C03)	05:26	
	16:47	17:24	17:57		19:31	20:03	21 19:39 (C03)	20:29	
10	07:23	07:00	06:20		17:24 (C08)	06:29	19:18 (C03)	05:26	
	16:48	17:25	17:58	12	17:36 (C08)	19:32	22 19:40 (C03)	20:30	
11	07:23	06:59	06:18		17:21 (C08)	06:27	19:18 (C03)	05:25	
	16:49	17:26	18:00	17	17:38 (C08)	19:33	23 19:41 (C03)	20:30	
12	07:23	06:58	06:17		17:19 (C08)	06:25	19:18 (C03)	05:25	
	16:50	17:28	18:01	20	17:39 (C08)	19:34	24 19:42 (C03)	20:31	
13	07:23	06:57	06:15		17:18 (C08)	06:24	19:18 (C03)	05:25	
	16:51	17:29	18:02	23	17:41 (C08)	19:35	24 19:42 (C03)	20:31	
14	07:22	06:56	06:13		17:16 (C08)	06:22	19:18 (C03)	05:25	
	16:52	17:30	18:03	26	17:42 (C08)	19:36	24 19:42 (C03)	20:32	
15	07:22	06:54	06:12		17:15 (C08)	06:21	19:19 (C03)	05:25	
	16:53	17:31	18:04	27	17:42 (C08)	19:37	22 19:41 (C03)	20:32	
16	07:21	06:53	06:10		17:15 (C08)	06:19	19:19 (C03)	05:25	
	16:55	17:33	18:05	28	17:43 (C08)	19:38	22 19:41 (C03)	20:33	
17	07:21	06:52	06:08		17:14 (C08)	06:18	19:20 (C03)	05:25	
	16:56	17:34	18:06	29	17:43 (C08)	19:39	21 19:41 (C03)	20:33	
18	07:21	06:50	06:07		17:13 (C08)	06:16	19:21 (C03)	05:25	
	16:57	17:35	18:07	29	17:42 (C08)	19:40	20 19:41 (C03)	20:33	
19	07:20	06:49	06:05		17:13 (C08)	06:14	19:22 (C03)	05:25	
	16:58	17:36	18:08	30	17:43 (C08)	19:41	18 19:40 (C03)	20:34	
20	07:19	06:47	07:07 (C06)	06:03	17:13 (C08)	06:13	19:22 (C03)	05:25	
	16:59	17:37	1 07:08 (C06)	18:09	29 17:42 (C08)	19:43	17 19:39 (C03)	20:34	
21	07:19	06:46	07:05 (C06)	06:02		17:13 (C08)	06:11	19:23 (C03)	05:26
	17:00	17:39	4 07:09 (C06)	18:10	28 17:41 (C08)	19:44	15 19:38 (C03)	20:34	
22	07:18	06:45	07:04 (C06)	06:00		17:14 (C08)	06:10	19:25 (C03)	05:26
	17:02	17:40	6 07:10 (C06)	18:12	27 17:41 (C08)	19:45	12 19:37 (C03)	20:34	
23	07:18	06:43	07:02 (C06)	05:58		17:14 (C08)	06:09	19:27 (C03)	05:26
	17:03	17:41	8 07:10 (C06)	18:13	26 17:40 (C08)	19:46	8 19:35 (C03)	20:35	
24	07:17	06:42	07:01 (C06)	05:57		17:14 (C08)	06:07	19:30 (C03)	05:26
	17:04	17:42	10 07:11 (C06)	18:14	24 17:38 (C08)	19:47	2 19:32 (C03)	20:35	
25	07:16	06:40	06:59 (C06)	05:55		17:16 (C08)	06:06	05:33	05:27
	17:05	17:43	11 07:10 (C06)	18:15	21 17:37 (C08)	19:48	20:18	20:18	20:35
26	07:15	06:39	06:58 (C06)	05:53		17:17 (C08)	06:04	05:32	05:27
	17:06	17:45	12 07:10 (C06)	18:16	18 17:35 (C08)	19:49	20:19	20:19	20:35
27	07:15	06:37	06:56 (C06)	05:52		17:19 (C08)	06:03	05:31	05:27
	17:08	17:46	13 07:09 (C06)	18:17	13 17:32 (C08)	19:50	20:20	20:20	20:35
28	07:14	06:36	06:55 (C06)	05:50		06:01	05:31	05:31	05:28
	17:09	17:47	14 07:09 (C06)	18:18		19:51	20:21	20:21	20:35
29	07:13			06:48		06:00	05:30	05:30	05:28
	17:10			19:19		19:52	20:21	20:21	20:35
30	07:12			06:47		05:59	05:29	05:29	05:28
	17:11			19:20		19:53	20:22	20:22	20:35
31	07:11			06:45			05:29		
	17:13			19:21			20:23		
Ore potenziali eliofanìa	297	297	369	399	449			453	
Totale, caso peggiore		79	458		395				

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 33 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (11)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre			
1	05:29	05:53	19:29 (C03) 06:24	06:54	17:58 (C08)	06:28 07:03			
	20:35	20:16	23 19:52 (C03) 19:33	18:42	21 18:19 (C08)	16:55 16:31			
2	05:29	05:54	19:29 (C03) 06:25	06:55	17:59 (C08)	06:29 07:04			
	20:35	20:15	22 19:51 (C03) 19:31	18:40	19 18:18 (C08)	16:54 16:30			
3	05:30	05:55	19:29 (C03) 06:26	06:56	18:01 (C08)	06:31 07:05			
	20:35	20:14	21 19:50 (C03) 19:29	18:39	14 18:15 (C08)	16:53 16:30			
4	05:30	05:56	19:29 (C03) 06:27	06:57	18:04 (C08)	06:32 07:06			
	20:34	20:12	20 19:49 (C03) 19:28	18:37	7 18:11 (C08)	16:51 16:30			
5	05:31	05:57	19:29 (C03) 06:28	06:58		06:33 07:07			
	20:34	20:11	19 19:48 (C03) 19:26	18:35		16:50 16:30			
6	05:32	05:58	19:30 (C03) 06:29	06:59		06:34 07:08			
	20:34	20:10	17 19:47 (C03) 19:24	18:34		16:49 16:30			
7	05:32	05:59	19:30 (C03) 06:30	07:00		06:35 07:09			
	20:34	20:09	16 19:46 (C03) 19:23	18:32		16:48 16:30			
8	05:33	06:00	19:31 (C03) 06:31	07:01		06:37 07:10			
	20:33	20:08	14 19:45 (C03) 19:21	18:30		16:47 16:29			
9	05:34	06:01	19:32 (C03) 06:32	07:02		06:38 07:11			
	20:33	20:06	12 19:44 (C03) 19:19	18:29		16:46 16:29			
10	05:34	06:02	19:33 (C03) 06:33	07:03		06:39 07:12			
	20:32	20:05	9 19:42 (C03) 19:18	18:27		16:45 16:29			
11	05:35	06:03	19:34 (C03) 06:34	07:04	07:29 (C06)	06:40 07:13			
	20:32	20:04	6 19:40 (C03) 19:16	18:25	9 07:38 (C06)	16:44 16:30			
12	05:36	06:04		06:35	07:05	07:27 (C06)	06:41 07:13		
	20:32	20:02		19:14	18:24	13 07:40 (C06)	16:43 16:30		
13	05:36	06:05		06:36	07:07	07:27 (C06)	06:43 07:14		
	20:31	20:01		19:13	18:22	14 07:41 (C06)	16:42 16:30		
14	05:37	06:06		06:37	07:08	07:28 (C06)	06:44 07:15		
	20:31	20:00		19:11	18:21	14 07:42 (C06)	16:41 16:30		
15	05:38	06:07		06:38	07:09	07:29 (C06)	06:45 07:16		
	20:30	19:58		19:09	18:19	13 07:42 (C06)	16:40 16:30		
16	05:39	06:08		06:39	07:10	07:30 (C06)	06:46 07:17		
	20:29	19:57		19:07	11 18:20 (C08)	18:18	12 07:42 (C06)	16:39 16:30	
17	05:39	06:09		06:40	18:06 (C08)	07:11	07:32 (C06)	06:47 07:17	
	20:29	19:56		19:06	17 18:23 (C08)	18:16	10 07:42 (C06)	16:38 16:31	
18	05:40	06:10		06:41	18:03 (C08)	07:12	07:33 (C06)	06:48 07:18	
	20:28	19:54		19:04	21 18:24 (C08)	18:15	9 07:42 (C06)	16:38 16:31	
19	05:41	06:11		06:42	18:02 (C08)	07:13	07:34 (C06)	06:50 07:18	
	20:27	19:53		19:02	23 18:25 (C08)	18:13	7 07:41 (C06)	16:37 16:31	
20	05:42	19:37 (C03) 06:12		06:43	18:00 (C08)	07:14	07:35 (C06)	06:51 07:19	
	20:27	6 19:43 (C03) 19:51		19:01	26 18:26 (C08)	18:12	5 07:40 (C06)	16:36 16:32	
21	05:43	19:35 (C03) 06:13		06:44	17:59 (C08)	07:15	07:36 (C06)	06:52 07:20	
	20:26	11 19:46 (C03) 19:50		18:59	27 18:26 (C08)	18:10	3 07:39 (C06)	16:36 16:32	
22	05:44	19:34 (C03) 06:14		06:45	17:58 (C08)	07:17		06:53 07:20	
	20:25	13 19:47 (C03) 19:48		18:57	28 18:26 (C08)	18:09		16:35 16:33	
23	05:45	19:33 (C03) 06:15		06:46	17:57 (C08)	07:18		06:54 07:21	
	20:24	16 19:49 (C03) 19:47		18:55	29 18:26 (C08)	18:07		16:34 16:33	
24	05:45	19:32 (C03) 06:16		06:47	17:57 (C08)	07:19		06:55 07:21	
	20:24	18 19:50 (C03) 19:45		18:54	29 18:26 (C08)	18:06		16:34 16:34	
25	05:46	19:32 (C03) 06:17		06:48	17:56 (C08)	06:20		06:57 07:22	
	20:23	19 19:51 (C03) 19:44		18:52	30 18:26 (C08)	17:04		16:33 16:34	
26	05:47	19:31 (C03) 06:18		06:49	17:56 (C08)	06:21		06:58 07:22	
	20:22	21 19:52 (C03) 19:42		18:50	29 18:25 (C08)	17:03		16:33 16:35	
27	05:48	19:30 (C03) 06:19		06:50	17:56 (C08)	06:22		06:59 07:22	
	20:21	21 19:51 (C03) 19:41		18:49	29 18:25 (C08)	17:02		16:32 16:36	
28	05:49	19:29 (C03) 06:20		06:51	17:56 (C08)	06:23		07:00 07:23	
	20:20	23 19:52 (C03) 19:39		18:47	28 18:24 (C08)	17:00		16:32 16:36	
29	05:50	19:29 (C03) 06:21		06:52	17:56 (C08)	06:25		07:01 07:23	
	20:19	23 19:52 (C03) 19:37		18:45	27 18:23 (C08)	16:59		16:31 16:37	
30	05:51	19:29 (C03) 06:22		06:53	17:57 (C08)	06:26		07:02 07:23	
	20:18	24 19:53 (C03) 19:36		18:44	24 18:21 (C08)	16:58		16:31 16:38	
31	05:52	19:29 (C03) 06:23				06:27			07:23
	20:17	24 19:53 (C03) 19:34				16:56			16:39
Ore potenziali eliofania	459	428	375	345	298	288			
Totale, caso peggiore	219	179	378	170					

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 34 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (12)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	
1	07:24 16:40	07:10 17:14	06:34 17:48	16:50 (C08) 19:22	06:43 19:54	05:28 20:24	19:21 (C03) 19:42 (C03)
2	07:24 16:41	07:09 17:15	06:33 17:49	16:50 (C08) 17:24 (C08)	06:42 19:23	05:56 19:55	19:22 (C03) 20:25 20 19:42 (C03)
3	07:24 16:41	07:08 17:16	06:31 17:50	16:48 (C08) 17:24 (C08)	06:40 19:24	05:55 19:56	19:22 (C03) 20:25 19 19:41 (C03)
4	07:24 16:42	07:07 17:18	06:30 17:52	16:47 (C08) 17:24 (C08)	06:38 19:26	05:54 19:57	05:27 19:22 (C03) 20:26 18 19:41 (C03)
5	07:24 16:43	07:06 17:19	06:28 17:53	16:47 (C08) 17:25 (C08)	06:37 19:27	05:52 19:58	19:24 (C03) 05:27 11 19:35 (C03) 20:27 16 19:40 (C03)
6	07:24 16:44	07:05 17:20	06:26 17:54	16:46 (C08) 17:24 (C08)	06:35 19:28	05:51 20:00	19:22 (C03) 05:27 15 19:37 (C03) 20:27 14 19:39 (C03)
7	07:24 16:45	07:04 17:21	06:25 17:55	16:46 (C08) 17:25 (C08)	06:33 19:29	05:50 20:01	19:20 (C03) 05:26 18 19:38 (C03) 20:28 13 19:39 (C03)
8	07:24 16:46	07:03 17:23	06:23 17:56	16:46 (C08) 17:25 (C08)	06:32 19:30	05:49 20:02	19:18 (C03) 05:26 20 19:38 (C03) 20:29 11 19:38 (C03)
9	07:24 16:47	07:02 17:24	06:22 17:57	16:45 (C08) 17:24 (C08)	06:30 19:31	05:48 20:03	19:17 (C03) 05:26 22 19:39 (C03) 20:29 8 19:37 (C03)
10	07:23 16:48	07:00 17:25	06:20 17:58	16:46 (C08) 17:24 (C08)	06:29 19:32	05:46 20:04	19:17 (C03) 05:26 23 19:40 (C03) 20:30 6 19:36 (C03)
11	07:23 16:49	06:59 17:26	06:18 18:00	16:46 (C08) 17:23 (C08)	06:27 19:33	05:45 20:05	19:16 (C03) 05:25 25 19:41 (C03) 20:30
12	07:23 16:50	06:58 17:28	06:17 18:01	16:46 (C08) 17:22 (C08)	06:25 19:34	05:44 20:06	19:15 (C03) 05:25 27 19:42 (C03) 20:31
13	07:23 16:51	06:57 17:29	06:15 18:02	16:47 (C08) 17:22 (C08)	06:24 19:35	05:43 20:07	19:15 (C03) 05:25 28 19:43 (C03) 20:31
14	07:22 16:52	06:56 17:30	06:13 18:03	16:47 (C08) 17:20 (C08)	06:22 19:36	05:42 20:08	19:15 (C03) 05:25 29 19:44 (C03) 20:32
15	07:22 16:53	06:54 17:31	06:12 18:04	16:48 (C08) 17:19 (C08)	06:21 19:37	05:41 20:09	19:14 (C03) 05:25 30 19:44 (C03) 20:32
16	07:21 16:55	06:53 17:33	06:10 18:05	16:49 (C08) 17:18 (C08)	06:19 19:38	05:40 20:10	19:14 (C03) 05:25 30 19:44 (C03) 20:33
17	07:21 16:56	06:52 17:34	06:08 18:06	16:50 (C08) 17:16 (C08)	06:18 19:39	05:39 20:11	19:15 (C03) 05:25 30 19:45 (C03) 20:33
18	07:21 16:57	06:50 17:35	06:07 18:07	16:51 (C08) 17:13 (C08)	06:16 19:40	05:38 20:12	19:15 (C03) 05:25 30 19:45 (C03) 20:33
19	07:20 16:58	06:49 17:36	06:05 18:08	16:55 (C08) 17:11 (C08)	06:14 19:41	05:37 20:13	19:15 (C03) 05:25 30 19:45 (C03) 20:34
20	07:19 16:59	06:47 17:37	06:03 18:09	16:58 (C08) 17:06 (C08)	06:13 19:43	05:37 20:14	19:15 (C03) 05:25 30 19:45 (C03) 20:34
21	07:19 17:00	06:46 17:39	06:02 18:11		06:11 19:44	05:36 20:14	19:15 (C03) 05:26 30 19:45 (C03) 20:34
22	07:18 17:02	06:45 17:40	06:00 18:12		06:10 19:45	05:35 20:15	19:16 (C03) 05:26 29 19:45 (C03) 20:34
23	07:18 17:03	06:43 17:41	05:58 18:13		06:09 19:46	05:34 20:16	19:16 (C03) 05:26 29 19:45 (C03) 20:35
24	07:17 17:04	06:42 17:42	17:01 (C08) 17:14 (C08)	05:57 18:14	06:07 19:47	05:33 20:17	19:16 (C03) 05:26 28 19:44 (C03) 20:35
25	07:16 17:05	06:40 17:43	16:57 (C08) 17:16 (C08)	05:55 18:15	06:06 19:48	05:33 20:18	19:17 (C03) 05:27 28 19:45 (C03) 20:35
26	07:15 17:07	06:39 17:45	16:55 (C08) 17:19 (C08)	05:53 18:16	06:04 19:49	05:32 20:19	19:17 (C03) 05:27 27 19:44 (C03) 20:35
27	07:15 17:08	06:37 17:46	16:53 (C08) 17:20 (C08)	05:52 18:17	06:03 19:50	05:31 20:20	19:17 (C03) 05:27 26 19:43 (C03) 20:35
28	07:14 17:09	06:36 17:47	16:52 (C08) 17:22 (C08)	05:50 18:18	06:01 19:51	05:31 20:21	19:18 (C03) 05:28 26 19:44 (C03) 20:35
29	07:13 17:10		06:48 19:19		06:00 19:52	05:30 20:21	19:18 (C03) 05:28 25 19:43 (C03) 20:35
30	07:12 17:11		06:47 19:20		05:59 19:53	05:29 20:22	19:19 (C03) 05:28 24 19:43 (C03) 20:35
31	07:11 17:13		06:45 19:21			05:29 20:23	19:19 (C03) 23 19:42 (C03)
Ore potenziali eliofania	297	297	369	399	449	453	
Totale, caso peggiore		113	643	699	749	803	146

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 34 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (12)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre		
1	05:29	05:53	19:26 (C03)	06:24	06:54	17:26 (C08)	06:28	07:03
	20:35	20:16	26 19:52 (C03)	19:33	18:42	35 18:01 (C08)	16:55	16:31
2	05:29	19:35 (C03) 05:54	19:27 (C03)	06:25	06:55	17:25 (C08)	06:29	07:04
	20:35	5 19:40 (C03) 20:15	24 19:51 (C03)	19:31	18:40	37 18:02 (C08)	16:54	16:30
3	05:30	19:34 (C03) 05:55	19:27 (C03)	06:26	06:56	17:24 (C08)	06:31	07:05
	20:35	8 19:42 (C03) 20:14	23 19:50 (C03)	19:29	18:39	38 18:02 (C08)	16:53	16:30
4	05:30	19:33 (C03) 05:56	19:28 (C03)	06:27	06:57	17:23 (C08)	06:32	07:06
	20:34	10 19:43 (C03) 20:12	21 19:49 (C03)	19:28	18:37	38 18:01 (C08)	16:51	16:30
5	05:31	19:32 (C03) 05:57	19:29 (C03)	06:28	06:58	17:23 (C08)	06:33	07:07
	20:34	12 19:44 (C03) 20:11	19 19:48 (C03)	19:26	18:35	38 18:01 (C08)	16:50	16:30
6	05:32	19:31 (C03) 05:58	19:30 (C03)	06:29	06:59	17:22 (C08)	06:34	07:08
	20:34	14 19:45 (C03) 20:10	17 19:47 (C03)	19:24	18:34	39 18:01 (C08)	16:49	16:30
7	05:32	19:31 (C03) 05:59	19:32 (C03)	06:30	07:00	17:22 (C08)	06:35	07:09
	20:34	15 19:46 (C03) 20:09	14 19:46 (C03)	19:23	18:32	38 18:00 (C08)	16:48	16:30
8	05:33	19:31 (C03) 06:00	19:34 (C03)	06:31	07:01	17:22 (C08)	06:37	07:10
	20:33	16 19:47 (C03) 20:08	11 19:45 (C03)	19:21	18:30	38 18:00 (C08)	16:47	16:29
9	05:34	19:29 (C03) 06:01		06:32	07:02	17:22 (C08)	06:38	07:11
	20:33	19 19:48 (C03) 20:06		19:19	18:29	37 17:59 (C08)	16:46	16:29
10	05:34	19:29 (C03) 06:02		06:33	07:03	17:23 (C08)	06:39	07:12
	20:33	20 19:49 (C03) 20:05		19:18	18:27	36 17:59 (C08)	16:45	16:30
11	05:35	19:29 (C03) 06:03		06:34	07:04	17:23 (C08)	06:40	07:13
	20:32	21 19:50 (C03) 20:04		19:16	18:25	35 17:58 (C08)	16:44	16:30
12	05:36	19:28 (C03) 06:04		06:35	07:05	17:24 (C08)	06:41	07:13
	20:32	22 19:50 (C03) 20:02		19:14	18:24	33 17:57 (C08)	16:43	16:30
13	05:36	19:28 (C03) 06:05		06:36	07:07	17:24 (C08)	06:43	07:14
	20:31	23 19:51 (C03) 20:01		19:13	18:22	31 17:55 (C08)	16:42	16:30
14	05:37	19:28 (C03) 06:06		06:37	07:08	17:25 (C08)	06:44	07:15
	20:31	24 19:52 (C03) 20:00		19:11	18:21	29 17:54 (C08)	16:41	16:30
15	05:38	19:27 (C03) 06:07		06:38	07:09	17:26 (C08)	06:45	07:16
	20:30	25 19:52 (C03) 19:58		19:09	18:19	26 17:52 (C08)	16:40	16:30
16	05:39	19:27 (C03) 06:08		06:39	07:10	17:28 (C08)	06:46	07:17
	20:29	25 19:52 (C03) 19:57		19:07	18:18	22 17:50 (C08)	16:39	16:30
17	05:39	19:26 (C03) 06:09		06:40	07:11	17:31 (C08)	06:47	07:17
	20:29	27 19:53 (C03) 19:56		19:06	18:16	17 17:48 (C08)	16:39	16:31
18	05:40	19:26 (C03) 06:10		06:41	07:12	17:35 (C08)	06:48	07:18
	20:28	28 19:54 (C03) 19:54		19:04	18:15	8 17:43 (C08)	16:38	16:31
19	05:41	19:26 (C03) 06:11		06:42	07:13		06:50	07:18
	20:27	28 19:54 (C03) 19:53		19:02	18:13		16:37	16:31
20	05:42	19:25 (C03) 06:12		06:43	07:14		06:51	07:19
	20:27	29 19:54 (C03) 19:51		19:01	18:12		16:36	16:32
21	05:43	19:25 (C03) 06:13		06:44	07:15		06:52	07:20
	20:26	30 19:55 (C03) 19:50		18:59	18:10		16:36	16:32
22	05:44	19:25 (C03) 06:14		06:45	07:17		06:53	07:20
	20:25	30 19:55 (C03) 19:48		18:57	18:09		16:35	16:33
23	05:45	19:25 (C03) 06:15		06:46	07:18		06:54	07:21
	20:24	30 19:55 (C03) 19:47		18:55	18:07		16:34	16:33
24	05:45	19:25 (C03) 06:16		06:47	07:19		06:55	07:21
	20:24	31 19:56 (C03) 19:45		18:54	15 17:54 (C08)	18:06	16:34	16:34
25	05:46	19:25 (C03) 06:17		06:48	17:36 (C08)	06:20	06:57	07:22
	20:23	31 19:56 (C03) 19:44		18:52	20 17:56 (C08)	17:04	16:33	16:34
26	05:47	19:25 (C03) 06:18		06:49	17:33 (C08)	06:21	06:58	07:22
	20:22	31 19:56 (C03) 19:42		18:50	25 17:58 (C08)	17:03	16:33	16:35
27	05:48	19:25 (C03) 06:19		06:50	17:31 (C08)	06:22	06:59	07:22
	20:21	30 19:55 (C03) 19:41		18:49	28 17:59 (C08)	17:02	16:32	16:36
28	05:49	19:25 (C03) 06:20		06:51	17:29 (C08)	06:23	07:00	07:23
	20:20	30 19:55 (C03) 19:39		18:47	31 18:00 (C08)	17:00	16:32	16:36
29	05:50	19:25 (C03) 06:21		06:52	17:28 (C08)	06:25	07:01	07:23
	20:19	30 19:55 (C03) 19:37		18:45	33 18:01 (C08)	16:59	16:31	16:37
30	05:51	19:25 (C03) 06:22		06:53	17:27 (C08)	06:26	07:02	07:23
	20:18	29 19:54 (C03) 19:36		18:44	34 18:01 (C08)	16:58	16:31	16:38
31	05:52	19:26 (C03) 06:23				06:27		07:23
	20:17	27 19:53 (C03) 19:34				16:56		16:39
Ore potenziali eliofania	459	428	375	345	298	288		
Totale, caso peggiore	700	155	186	575				

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 35 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (13)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:24 16:40	07:10 17:14	06:34 17:48	16:56 (C08) 19:22	06:43 19:57	05:28 20:24
2	07:24 16:40	07:09 17:15	06:33 17:49	16:57 (C08) 19:23	06:42 19:55	05:28 20:25
3	07:24 16:41	07:08 17:16	06:31 17:50	16:56 (C08) 19:24	06:40 19:56	05:28 20:25
4	07:24 16:42	07:07 17:18	06:30 17:52	16:56 (C08) 19:25	06:38 19:57	05:27 20:26
5	07:24 16:43	07:06 17:19	06:28 17:53	16:57 (C08) 19:27	06:37 19:58	05:27 20:27
6	07:24 16:44	07:05 17:20	07:25 (C06) 17:54	06:26 17:21 (C08)	06:35 19:28	05:51 20:27
7	07:24 16:45	07:04 17:21	07:24 (C06) 17:55	06:25 17:21 (C08)	06:33 19:29	05:50 20:28
8	07:24 16:46	07:03 17:23	07:23 (C06) 17:56	06:23 17:19 (C08)	06:32 19:30	05:49 20:29
9	07:24 16:47	07:02 17:24	07:21 (C06) 17:57	06:22 17:17 (C08)	06:30 19:31	05:48 20:29
10	07:23 16:48	07:00 17:25	07:20 (C06) 17:58	06:20 17:15 (C08)	06:29 19:32	05:46 20:30
11	07:23 16:49	06:59 17:26	07:19 (C06) 18:00	06:18 19:33	06:27 19:33	05:45 20:30
12	07:23 16:50	06:58 17:28	07:18 (C06) 18:01	06:17 19:34	06:25 19:34	05:44 20:31
13	07:23 16:51	06:57 17:29	07:16 (C06) 18:02	06:15 18:02	06:24 19:35	05:43 20:31
14	07:22 16:52	06:56 17:30	07:15 (C06) 18:03	06:13 18:03	06:22 19:36	05:42 20:32
15	07:22 16:53	06:54 17:31	07:14 (C06) 18:04	06:12 18:04	06:21 19:37	05:41 20:32
16	07:21 16:55	06:53 17:33	07:12 (C06) 18:05	06:10 18:05	06:19 19:38	05:40 20:33
17	07:21 16:56	06:52 17:34	07:11 (C06) 18:06	06:08 18:06	06:18 19:39	05:39 20:33
18	07:21 16:57	06:50 17:35	07:10 (C06) 18:07	06:07 18:07	06:16 19:40	05:38 20:33
19	07:20 16:58	06:49 17:36	06:05 18:08	06:05 18:08	06:14 19:41	05:37 20:34
20	07:19 16:59	06:47 17:37	06:03 18:09	06:03 18:09	06:13 19:42	05:36 20:34
21	07:19 17:00	06:46 17:39	17:08 (C08) 18:10	06:02 18:10	06:11 19:43	05:36 20:34
22	07:18 17:02	06:45 17:40	17:05 (C08) 18:12	06:00 18:12	06:10 19:44	05:35 20:34
23	07:18 17:03	06:43 17:41	17:02 (C08) 18:13	05:58 18:13	06:09 19:45	05:34 20:34
24	07:17 17:04	06:42 17:42	17:01 (C08) 18:14	05:57 18:14	06:07 19:46	05:33 20:35
25	07:16 17:05	06:40 17:43	16:59 (C08) 18:15	05:55 18:15	06:06 19:47	05:33 20:35
26	07:15 17:06	06:39 17:45	16:57 (C08) 18:16	05:53 18:16	06:04 19:48	05:32 20:35
27	07:15 17:08	06:37 17:46	16:56 (C08) 18:17	05:52 18:17	06:03 19:49	05:31 20:35
28	07:14 17:09	06:36 17:47	16:55 (C08) 18:18	05:50 18:18	06:01 19:50	05:31 20:35
29	07:13 17:10		06:48 19:19	06:00 19:52	06:00 19:53	05:30 20:35
30	07:12 17:11		06:47 19:20	05:59 19:53	05:59 19:53	05:29 20:35
31	07:11 17:13		06:45 19:21			05:29 20:35
Ore potenziali eliofanìa	297	297	369	399	449	453
Totale, caso peggiore		284	232	285		

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento)
Tramonto (hh:mm)Minuti d'ombra Fine ombreggiamento (hh:mm) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 35 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (13)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:35	05:53 20:16	06:24 19:33	06:54 18:42	06:28 16:55	06:50 (C06) 16:31
2	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40	06:29 16:54	06:51 (C06) 16:30
3	05:30 20:35	05:55 20:14	06:26 19:29	06:56 18:39	17:43 (C08) 16:53	06:52 (C06) 16:30
4	05:30 20:34	05:56 20:12	06:27 19:28	06:57 18:37	17:39 (C08) 16:51	06:54 (C06) 16:30
5	05:31 20:34	05:57 20:11	06:28 19:26	06:58 18:35	17:36 (C08) 16:50	06:55 (C06) 16:30
6	05:32 20:34	05:58 20:10	06:29 19:24	06:59 18:34	17:35 (C08) 16:49	06:56 (C06) 16:30
7	05:32 20:34	05:59 20:09	06:30 19:23	07:00 18:32	17:33 (C08) 16:48	06:57 (C06) 16:30
8	05:33 20:33	06:00 20:08	06:31 19:21	07:01 18:30	17:32 (C08) 16:47	06:58 (C06) 16:29
9	05:33 20:33	06:01 20:06	06:32 19:19	07:02 18:29	17:31 (C08) 16:46	06:59 (C06) 16:29
10	05:34 20:32	06:02 20:05	06:33 19:18	07:03 18:27	17:31 (C08) 16:45	06:59 (C06) 16:29
11	05:35 20:32	06:03 20:04	06:34 19:16	07:04 18:25	17:31 (C08) 16:44	06:59 (C06) 16:30
12	05:36 20:32	06:04 20:02	19:16 (C03) 19:20 (C03)	06:35 18:24	07:05 17:30 (C08)	06:41 16:43
13	05:36 20:31	06:05 20:01	19:12 (C03) 19:23 (C03)	06:36 19:13	07:07 18:22	17:30 (C08) 16:42
14	05:37 20:31	06:06 20:00	19:10 (C03) 19:25 (C03)	06:37 19:11	07:08 18:21	17:30 (C08) 16:41
15	05:38 20:30	06:07 19:58	19:09 (C03) 19:26 (C03)	06:38 19:09	07:09 18:19	17:30 (C08) 16:40
16	05:39 20:29	06:08 19:57	19:08 (C03) 19:27 (C03)	06:39 19:07	07:10 18:18	17:30 (C08) 16:39
17	05:39 20:29	06:09 19:56	19:07 (C03) 19:28 (C03)	06:40 19:06	07:11 18:16	17:32 (C08) 16:38
18	05:40 20:28	06:10 19:54	19:06 (C03) 19:28 (C03)	06:41 19:04	07:12 18:15	17:33 (C08) 16:38
19	05:41 20:27	06:11 19:53	19:05 (C03) 19:28 (C03)	06:42 19:02	07:13 18:13	17:34 (C08) 16:37
20	05:42 20:27	06:12 19:51	19:05 (C03) 19:28 (C03)	06:43 19:01	07:14 18:12	17:36 (C08) 16:36
21	05:43 20:26	06:13 19:50	19:05 (C03) 19:27 (C03)	06:44 18:59	07:15 18:10	17:48 (C08) 16:36
22	05:44 20:25	06:14 19:48	19:04 (C03) 19:26 (C03)	06:45 18:57	07:17 18:09	16:36 16:35
23	05:45 20:24	06:15 19:47	19:04 (C03) 19:24 (C03)	06:46 18:55	07:18 18:07	16:34 16:34
24	05:45 20:24	06:16 19:45	19:05 (C03) 19:23 (C03)	06:47 18:54	07:19 18:06	07:45 (C06) 07:54 (C06)
25	05:46 20:23	06:17 19:44	19:05 (C03) 19:21 (C03)	06:48 18:52	06:20 17:04	06:43 (C06) 06:56 (C06)
26	05:47 20:22	06:18 19:42	19:06 (C03) 19:20 (C03)	06:49 18:50	06:21 17:03	06:42 (C06) 06:57 (C06)
27	05:48 20:21	06:19 19:41	19:07 (C03) 19:18 (C03)	06:50 18:49	06:22 17:02	06:44 (C06) 06:59 (C06)
28	05:49 20:20	06:20 19:39	19:08 (C03) 19:17 (C03)	06:51 18:47	06:23 17:00	06:45 (C06) 06:59 (C06)
29	05:50 20:19	06:21 19:37	19:11 (C03) 19:15 (C03)	06:52 18:45	06:25 16:59	06:46 (C06) 06:59 (C06)
30	05:51 20:18	06:22 19:36	06:53 18:44	06:26 16:58	06:26 16:58	06:47 (C06) 06:59 (C06)
31	05:52 20:17	06:23 19:34		06:27 16:56	06:27 16:56	06:49 (C06) 07:00 (C06)
Ore potenziali eliofania	459	428	375	345	298	288
Totale, caso peggiore		291		492	28	

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 37 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (14)
Assunzioni sui calcoli d'ombra

- I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre					
1	07:24 16:40	15:49 (CO2) 16:13 (CO2)	07:10 17:14	27	16:01 (CO2) 17:48	06:34 17:48	06:43 19:22	05:57 19:54	05:28 20:24	05:29 20:35	05:53 20:16	06:24 19:33	06:54 18:42	06:28 16:55	07:03 16:31	15:32 (CO2) 16:06 (CO2)	
2	07:24 16:40	15:49 (CO2) 16:14 (CO2)	07:09 17:15	25	16:02 (CO2) 17:49	06:33 17:49	06:42 19:23	05:56 19:55	05:28 20:25	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40	06:29 16:54	07:04 16:30	15:33 (CO2) 16:05 (CO2)	
3	07:24 16:41	15:49 (CO2) 16:15 (CO2)	07:08 17:16	21	16:04 (CO2) 17:50	06:31 17:50	06:40 19:24	05:55 19:56	05:27 20:25	05:30 20:35	05:55 20:14	06:26 19:29	06:56 18:39	06:31 16:53	07:05 16:30	15:34 (CO2) 16:05 (CO2)	
4	07:24 16:42	15:49 (CO2) 16:16 (CO2)	07:07 17:18	16	16:07 (CO2) 17:52	06:29 17:52	06:38 19:25	05:53 19:57	05:27 20:26	05:30 20:34	05:56 20:12	06:27 19:28	06:57 18:37	06:32 16:51	07:06 16:30	15:34 (CO2) 16:05 (CO2)	
5	07:24 16:43	15:49 (CO2) 16:17 (CO2)	07:06 17:19	10	16:10 (CO2) 17:53	06:28 17:53	06:37 19:27	05:52 19:58	05:27 20:27	05:31 20:34	05:57 20:11	06:28 19:26	06:58 18:35	06:33 16:50	07:07 16:30	15:35 (CO2) 16:04 (CO2)	
6	07:24 16:44	15:50 (CO2) 16:18 (CO2)	07:05 17:20		16:20 (CO2) 17:54	06:26 17:54	06:35 19:28	05:51 20:00	05:26 20:27	05:32 20:34	05:58 20:10	06:29 19:24	06:59 18:34	06:34 16:49	12	15:39 (CO2) 15:36 (CO2)	07:08 16:30
7	07:24 16:45	15:50 (CO2) 16:19 (CO2)	07:04 17:21		17:55 19:29	06:25 17:55	06:33 19:29	05:50 20:01	05:26 20:28	05:32 20:34	05:59 20:09	06:30 19:23	07:00 18:32	06:35 16:48	17	15:36 (CO2) 15:33 (CO2)	07:09 16:29
8	07:24 16:46	15:50 (CO2) 16:21 (CO2)	07:03 17:23		17:56 19:30	06:23 17:56	06:32 19:30	05:49 20:02	05:26 20:29	05:33 20:33	06:00 20:08	06:31 19:21	07:01 18:30	06:37 16:47	21	15:35 (CO2) 15:32 (CO2)	07:10 16:29
9	07:24 16:47	15:50 (CO2) 16:21 (CO2)	07:02 17:24		17:57 19:31	06:22 17:57	06:30 19:31	05:47 20:03	05:26 20:29	05:33 20:33	06:01 20:06	06:32 19:19	07:02 18:29	06:38 16:46	25	15:33 (CO2) 15:30 (CO2)	07:11 16:29
10	07:23 16:48	15:50 (CO2) 16:22 (CO2)	07:00 17:25		17:58 19:32	06:20 17:58	06:28 19:32	05:46 20:04	05:25 20:30	05:34 20:33	06:02 20:05	06:33 19:18	07:03 18:27	06:39 16:45	27	15:32 (CO2) 15:29 (CO2)	07:12 16:29
11	07:23 16:49	15:50 (CO2) 16:24 (CO2)	06:59 17:26		17:59 19:33	06:18 17:59	06:27 19:33	05:45 20:05	05:25 20:30	05:35 20:32	06:03 20:04	06:34 19:16	07:04 18:25	06:40 16:44	29	15:31 (CO2) 15:28 (CO2)	07:13 16:29
12	07:23 16:50	15:50 (CO2) 16:24 (CO2)	06:58 17:28		17:59 19:34	06:17 18:01	06:25 19:34	05:44 20:06	05:25 20:31	05:36 20:32	06:04 20:02	06:35 19:14	07:05 18:24	06:41 16:43	31	15:30 (CO2) 15:27 (CO2)	07:13 16:30
13	07:23 16:51	15:51 (CO2) 16:26 (CO2)	06:57 17:29		18:01 19:35	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31	05:36 20:31	06:05 20:01	06:36 19:13	07:07 18:22	06:43 16:42	33	15:29 (CO2) 15:26 (CO2)	07:14 16:30
14	07:22 16:52	15:51 (CO2) 16:27 (CO2)	06:55 17:30		18:02 19:36	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32	05:37 20:31	06:06 20:00	06:37 19:11	07:08 18:21	06:44 16:41	33	15:29 (CO2) 15:26 (CO2)	07:15 16:30
15	07:22 16:53	15:51 (CO2) 16:28 (CO2)	06:54 17:31		18:03 19:37	06:12 18:04	06:21 19:37	05:41 20:09	05:25 20:32	05:38 20:30	06:07 19:58	06:38 19:09	07:09 18:19	06:45 16:40	35	15:29 (CO2) 15:26 (CO2)	07:16 16:30
16	07:21 16:55	15:51 (CO2) 16:29 (CO2)	06:53 17:33		18:04 19:38	06:10 18:05	06:19 19:38	05:40 20:10	05:25 20:33	05:39 20:29	06:08 19:57	06:39 19:07	07:10 18:18	06:46 16:39	36	15:28 (CO2) 15:25 (CO2)	07:17 16:30
17	07:21 16:56	15:51 (CO2) 16:29 (CO2)	06:52 17:34		18:05 19:39	06:08 18:06	06:17 19:39	05:39 20:11	05:25 20:33	05:39 20:29	06:09 19:56	06:40 19:06	07:11 18:16	06:47 16:38	36	15:28 (CO2) 15:25 (CO2)	07:17 16:31
18	07:21 16:57	15:52 (CO2) 16:30 (CO2)	06:50 17:35		18:06 19:40	06:07 18:07	06:16 19:40	05:38 20:12	05:25 20:33	05:40 20:28	06:10 19:54	06:41 19:04	07:12 18:14	06:48 16:38	37	15:28 (CO2) 15:25 (CO2)	07:18 16:31
19	07:20 16:58	15:52 (CO2) 16:30 (CO2)	06:49 17:36		18:07 19:41	06:05 18:08	06:14 19:41	05:37 20:13	05:25 20:34	05:41 20:27	06:11 19:53	06:42 19:02	07:13 18:13	06:50 16:37	38	15:28 (CO2) 15:25 (CO2)	07:19 16:31
20	07:19 16:59	15:52 (CO2) 16:30 (CO2)	06:47 17:37		18:08 19:43	06:03 18:09	06:13 19:43	05:36 20:14	05:25 20:34	05:42 20:27	06:12 19:51	06:43 19:01	07:14 18:12	06:51 16:36	38	15:28 (CO2) 15:25 (CO2)	07:19 16:32
21	07:19 17:00	15:53 (CO2) 16:31 (CO2)	06:46 17:39		18:09 19:44	06:02 18:10	06:11 19:44	05:36 20:14	05:25 20:34	05:43 20:26	06:13 19:50	06:44 18:59	07:15 18:10	06:52 16:35	38	15:28 (CO2) 15:25 (CO2)	07:20 16:32
22	07:18 17:02	15:53 (CO2) 16:31 (CO2)	06:45 17:40		18:10 19:45	06:00 18:12	06:10 19:45	05:35 20:15	05:26 20:34	05:44 20:25	06:14 19:48	06:45 18:57	07:17 18:09	06:53 16:35	38	15:28 (CO2) 15:25 (CO2)	07:20 16:33
23	07:18 17:03	15:53 (CO2) 16:31 (CO2)	06:43 17:41		18:11 19:46	05:58 18:13	06:08 19:46	05:34 20:16	05:26 20:35	05:44 20:24	06:15 19:47	06:46 18:55	07:18 18:07	06:54 16:34	38	15:28 (CO2) 15:25 (CO2)	07:21 16:33
24	07:17 17:04	15:55 (CO2) 16:32 (CO2)	06:42 17:42		18:12 19:47	05:57 18:14	06:07 19:47	05:33 20:17	05:26 20:35	05:45 20:24	06:16 19:45	06:47 18:54	07:19 18:06	06:55 16:34	38	15:29 (CO2) 15:26 (CO2)	07:21 16:34
25	07:16 17:05	15:55 (CO2) 16:31 (CO2)	06:40 17:43		18:13 19:48	05:55 18:15	06:06 19:48	05:33 20:18	05:26 20:35	05:46 20:23	06:17 19:44	06:48 18:52	06:20 17:04	06:57 16:33	38	15:29 (CO2) 15:26 (CO2)	07:22 16:34
26	07:15 17:06	15:55 (CO2) 16:31 (CO2)	06:39 17:45		18:14 19:49	05:53 18:16	06:04 19:49	05:32 20:19	05:27 20:35	05:47 20:22	06:18 19:42	06:49 18:50	06:21 17:03	06:58 16:33	38	15:30 (CO2) 15:27 (CO2)	07:22 16:35
27	07:15 17:08	15:56 (CO2) 16:31 (CO2)	06:37 17:46		18:15 19:50	05:52 18:17	06:03 19:50	05:31 20:20	05:27 20:35	05:48 20:21	06:19 19:41	06:50 18:49	06:22 17:02	06:59 16:32	37	15:30 (CO2) 15:27 (CO2)	07:22 16:36
28	07:14 17:09	15:57 (CO2) 16:31 (CO2)	06:36 17:47		18:16 19:51	05:50 18:18	06:01 19:51	05:28 20:21	05:28 20:35	05:49 20:20	06:20 19:39	06:51 18:47	06:23 17:00	07:00 16:32	36	15:31 (CO2) 15:28 (CO2)	07:23 16:36
29	07:13 17:10	15:57 (CO2) 16:30 (CO2)	06:36 17:47		18:17 19:52	06:48 19:19	06:00 19:52	05:30 20:21	05:28 20:35	05:50 20:19	06:21 19:37	06:52 18:45	06:25 16:59	07:01 16:31	35	15:32 (CO2) 15:29 (CO2)	07:23 16:37
30	07:12 17:11	15:58 (CO2) 16:29 (CO2)	06:36 17:47		18:18 19:53	06:47 19:20	05:59 19:53	05:29 20:22	05:28 20:35	05:51 20:18	06:22 19:36	06:53 18:44	06:26 16:58	07:02 16:31	34	15:32 (CO2) 15:29 (CO2)	07:23 16:38
31	07:11 17:13	16:00 (CO2) 16:28 (CO2)	06:36 17:47		18:19 19:54	06:45 19:21	05:29 20:23	05:29 20:35	05:29 20:35	05:52 20:17	06:23 19:34	06:27 16:56	06:27 16:31	07:02 16:31	34	16:06 (CO2) 15:33 (CO2)	07:23 16:39
Ore potenziali eliotofania	297	297	297	369	399	449	453	459	428	375	345	298	817	757			
Totale, caso peggiore	1030	99															

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_Candela Recettore d'ombra: 39 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (15)
Assunzioni sui calcoli d'ombra

- I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:24	07:10	06:34	06:43	05:57	05:28	05:29	05:53	06:24	06:54	06:28	07:03
	16:40	17:14	17:48	19:22	19:54	20:24	20:35	20:16	19:32	18:42	16:55	16:31
2	07:24	07:09	06:33	06:42	05:56	05:28	05:29	05:54	06:25	06:55	06:29	07:04
	16:40	17:15	17:49	19:23	19:55	20:24	20:35	20:15	19:31	18:40	16:54	16:30
3	07:24	07:08	06:31	06:40	05:55	05:27	05:30	05:55	06:26	06:56	06:30	07:05
	16:41	17:16	17:50	19:24	19:56	20:25	20:34	20:13	19:29	18:38	16:53	16:30
4	07:24	07:07	06:29	06:38	05:53	05:27	05:30	05:56	06:27	06:57	06:32	07:06
	16:42	17:18	17:51	19:25	19:57	20:26	20:34	20:12	19:28	18:37	16:51	16:30
5	07:24	07:06	06:28	06:37	05:52	05:27	05:31	05:57	06:28	06:58	06:33	07:07
	16:43	17:19	17:53	19:26	19:58	20:27	20:34	20:11	19:26	18:35	16:50	16:30
6	07:24	07:05	06:26	06:35	05:51	05:26	05:31	05:58	06:29	06:59	06:34	07:08
	16:44	17:20	17:54	19:28	19:59	20:27	20:34	20:10	19:24	18:33	16:49	16:29
7	07:24	07:04	06:25	06:33	05:50	05:26	05:32	05:59	06:30	07:00	06:35	07:09
	16:45	17:21	17:55	19:29	20:00	20:28	20:33	20:09	19:23	18:32	16:48	16:29
8	07:24	07:03	06:23	06:32	05:49	05:26	05:33	06:00	06:31	07:01	06:36	07:10
	16:46	17:23	17:56	19:30	20:01	20:29	20:33	20:08	19:21	18:30	16:47	16:29
9	07:23	07:02	06:21	06:30	05:47	05:26	05:33	06:01	06:32	07:02	06:38	07:11
	16:47	17:24	17:57	19:31	20:03	20:29	20:33	20:06	19:19	18:29	16:46	16:29
10	07:23	07:00	06:20	06:28	05:46	05:25	05:34	06:02	06:33	07:03	06:39	07:12
	16:48	17:25	17:58	19:32	20:04	20:30	20:32	20:05	19:18	18:27	16:45	16:29
11	07:23	06:59	06:18	06:27	05:45	05:25	05:35	06:03	06:34	07:04	06:40	07:13
	16:49	17:26	17:59	19:33	20:05	20:30	20:32	20:04	19:16	18:25	16:44	16:29
12	07:23	06:58	06:17	06:25	05:44	05:25	05:35	06:04	06:35	07:05	06:41	07:13
	16:50	17:28	18:01	19:34	20:06	20:31	20:32	20:02	19:14	18:24	16:43	16:30
13	07:22	06:57	06:15	06:24	05:43	05:25	05:36	06:05	06:36	07:06	06:42	07:14
	16:51	17:29	18:02	19:35	20:07	20:31	20:31	20:01	19:12	18:22	16:42	16:30
14	07:22	06:55	06:13	06:22	05:42	05:25	05:37	06:06	06:37	07:08	06:44	07:15
	16:52	17:30	18:03	19:36	20:08	20:32	20:30	20:00	19:11	18:21	16:41	16:30
15	07:22	06:54	06:12	06:20	05:41	05:25	05:38	06:07	06:38	07:09	06:45	07:16
	16:53	17:31	18:04	19:37	20:09	20:32	20:30	19:58	19:09	18:19	16:40	16:30
16	07:21	06:53	06:10	06:19	05:40	05:25	05:38	06:08	06:39	07:10	06:46	07:16
	16:54	17:32	18:05	19:38	20:10	20:32	20:29	19:57	19:07	18:17	16:39	16:30
17	07:21	06:51	06:08	06:17	05:39	05:25	05:39	06:09	06:40	07:11	06:47	07:17
	16:56	17:34	18:06	19:39	20:11	20:33	20:29	19:55	19:06	18:16	16:38	16:31
18	07:20	06:50	06:07	06:16	05:38	05:25	05:40	06:10	06:41	07:12	06:48	07:18
	16:57	17:35	18:07	19:40	20:12	20:33	20:28	19:54	19:04	18:14	16:38	16:31
19	07:20	06:49	06:05	06:14	05:37	05:25	05:41	06:11	06:42	07:13	06:50	07:18
	16:58	17:36	18:08	19:41	20:12	20:34	20:27	19:53	19:02	18:13	16:37	16:31
20	07:19	06:47	06:03	06:13	05:36	05:25	05:42	06:12	06:43	07:14	06:51	07:19
	16:59	17:37	18:09	19:42	20:13	20:34	20:27	19:51	19:00	18:11	16:36	16:32
21	07:19	06:46	06:02	06:11	05:36	05:25	05:43	06:13	06:44	07:15	06:52	07:20
	17:00	17:39	18:10	19:44	20:14	20:34	20:26	19:50	18:59	18:10	16:35	16:32
22	07:18	06:44	06:00	06:10	05:35	05:26	05:43	06:14	06:45	07:16	06:53	07:20
	17:01	17:40	18:11	19:45	20:15	20:34	20:25	19:48	18:57	18:09	16:35	16:33
23	07:17	06:43	05:58	06:08	05:34	05:26	05:44	06:15	06:46	07:18	06:54	07:21
	17:03	17:41	18:13	19:46	20:16	20:34	20:24	19:47	18:55	18:07	16:34	16:33
24	07:17	06:42	05:57	06:07	05:33	05:26	05:45	06:16	06:47	07:19	06:55	07:21
	17:04	17:42	18:14	19:47	20:17	20:35	20:23	19:45	18:54	18:06	16:34	16:34
25	07:16	06:40	05:55	06:06	05:32	05:26	05:46	06:17	06:48	06:20	06:56	07:21
	17:05	17:43	18:15	19:48	20:18	20:35	20:23	19:44	18:52	17:04	16:33	16:34
26	07:15	06:39	05:53	06:04	05:32	05:27	05:47	06:18	06:49	06:21	06:58	07:22
	17:06	17:44	18:16	19:49	20:19	20:35	20:22	19:42	18:50	17:03	16:33	16:35
27	07:15	06:37	05:52	06:03	05:31	05:27	05:48	06:19	06:50	06:22	06:59	07:22
	17:08	17:46	18:17	19:50	20:20	20:35	20:21	19:40	18:49	17:01	16:32	16:36
28	07:14	06:36	05:50	06:01	05:31	05:27	05:49	06:20	06:51	06:23	07:00	07:23
	17:09	17:47	18:18	19:51	20:21	20:35	20:20	19:39	18:47	17:00	16:32	16:36
29	07:13		06:48	06:00	05:30	05:28	05:50	06:21	06:52	06:25	07:01	07:23
	17:10		19:19	19:52	20:21	20:35	20:19	19:37	18:45	16:59	16:31	16:37
30	07:12		06:47	05:59	05:29	05:28	05:51	06:22	06:53	06:26	07:02	07:23
	17:11		19:20	19:53	20:22	20:35	20:18	19:36	18:43	16:58	16:31	16:38
31	07:11		06:45		05:29		05:52	06:23		06:27		07:23
	17:13		19:21		20:23		20:17	19:34		16:56		16:38
Ore potenziali eliofania	297	297	369	399	449	453	459	428	375	345	298	288
Totale, caso peggiore												

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 40 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (16)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre	
1	07:24 16:40	13:33 (C05) 14:00 (C05)	07:10 17:14	06:34 17:48	06:43 19:22	05:57 19:54	05:28 20:24	05:29 20:35	05:53 20:16	06:24 19:32	06:54 18:42	06:28 16:55	07:03 16:31
2	07:24 16:40	13:35 (C05) 13:59 (C05)	07:09 17:15	06:33 17:49	06:42 19:23	05:56 19:55	05:28 20:24	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40	06:29 16:54	07:04 16:30
3	07:24 16:41	13:37 (C05) 13:58 (C05)	07:08 17:16	06:31 17:50	06:40 19:24	05:55 19:56	05:27 20:25	05:30 20:34	05:55 20:13	06:26 19:29	06:56 18:38	06:30 16:53	07:05 16:30
4	07:24 16:42	13:40 (C05) 13:56 (C05)	07:07 17:18	06:29 17:51	06:38 19:25	05:53 19:57	05:27 20:26	05:30 20:34	05:56 20:12	06:27 19:28	06:57 18:37	06:32 16:51	07:06 16:30
5	07:24 16:43	13:44 (C05) 13:54 (C05)	07:06 17:19	06:28 17:53	06:37 19:26	05:52 19:58	05:27 20:27	05:31 20:34	05:57 20:11	06:28 19:26	06:58 18:35	06:33 16:50	07:07 16:30
6	07:24 16:44	13:47 (C05) 14:03 (C05)	07:05 17:20	06:26 17:54	06:35 19:28	05:51 19:59	05:26 20:27	05:31 20:34	05:58 20:10	06:29 19:24	06:59 18:33	06:34 16:49	07:08 16:29
7	07:24 16:45	13:49 (C05) 14:05 (C05)	07:04 17:21	06:25 17:55	06:33 19:29	05:50 20:00	05:26 20:28	05:32 20:33	05:59 20:09	06:30 19:23	07:00 18:32	06:35 16:48	07:09 16:29
8	07:24 16:46	13:51 (C05) 14:07 (C05)	07:03 17:23	06:23 17:56	06:32 19:30	05:49 20:01	05:26 20:29	05:33 20:33	06:00 20:08	06:31 19:21	07:01 18:30	06:36 16:47	07:10 16:29
9	07:23 16:47	13:53 (C05) 14:09 (C05)	07:02 17:24	06:21 17:57	06:30 19:31	05:47 20:03	05:26 20:29	05:33 20:33	06:01 20:06	06:32 19:19	07:02 18:29	06:38 16:46	07:11 16:29
10	07:23 16:48	13:55 (C05) 14:11 (C05)	07:00 17:25	06:20 17:58	06:28 19:32	05:46 20:04	05:25 20:30	05:34 20:32	06:02 20:05	06:33 19:18	07:03 18:27	06:39 16:45	07:12 16:29
11	07:23 16:49	13:57 (C05) 14:13 (C05)	06:59 17:26	06:18 17:59	06:27 19:33	05:45 20:05	05:25 20:30	05:35 20:32	06:03 20:04	06:34 19:16	07:04 18:25	06:40 16:44	07:13 16:29
12	07:23 16:50	13:59 (C05) 14:15 (C05)	06:58 17:28	06:17 18:01	06:25 19:34	05:44 20:06	05:25 20:31	05:35 20:32	06:04 20:02	06:35 19:14	07:05 18:24	06:41 16:43	07:13 16:30
13	07:22 16:51	14:01 (C05) 14:17 (C05)	06:57 17:29	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31	05:36 20:31	06:05 20:01	06:36 19:12	07:06 18:22	06:42 16:42	07:14 16:30
14	07:22 16:52	14:03 (C05) 14:19 (C05)	06:55 17:30	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32	05:37 20:30	06:06 20:00	06:37 19:11	07:08 18:21	06:44 16:41	07:15 16:30
15	07:22 16:53	14:05 (C05) 14:21 (C05)	06:54 17:31	06:12 18:04	06:20 19:37	05:41 20:09	05:25 20:32	05:38 20:30	06:07 20:08	06:38 19:09	07:09 18:19	06:45 16:40	07:16 16:30
16	07:21 16:54	14:07 (C05) 14:23 (C05)	06:53 17:32	06:10 18:05	06:19 19:38	05:40 20:10	05:25 20:32	05:38 20:29	06:08 19:57	06:39 19:07	07:10 18:17	06:46 16:39	07:17 16:30
17	07:21 16:55	14:09 (C05) 14:25 (C05)	06:51 17:34	06:08 18:06	06:17 19:39	05:39 20:11	05:25 20:33	05:39 20:29	06:09 19:55	06:40 19:06	07:11 18:16	06:47 16:38	07:17 16:31
18	07:20 16:57	14:11 (C05) 14:27 (C05)	06:50 17:35	06:07 18:07	06:16 19:40	05:38 20:12	05:25 20:33	05:40 20:28	06:10 19:54	06:41 19:04	07:12 18:14	06:48 16:38	07:18 16:31
19	07:20 16:58	14:13 (C05) 14:29 (C05)	06:49 17:36	06:05 18:08	06:14 19:41	05:37 20:12	05:25 20:33	05:41 20:27	06:11 19:53	06:42 19:02	07:13 18:13	06:50 16:37	07:18 16:31
20	07:19 16:59	14:15 (C05) 14:31 (C05)	06:47 17:37	06:03 18:09	06:13 19:42	05:36 20:13	05:25 20:34	05:42 20:27	06:12 19:51	06:43 19:00	07:14 18:11	06:51 16:36	07:19 16:32
21	07:19 17:00	14:17 (C05) 14:33 (C05)	06:46 17:39	06:02 18:10	06:11 19:43	05:36 20:14	05:25 20:34	05:43 20:26	06:13 19:50	06:44 18:59	07:15 18:10	06:52 16:35	07:20 16:32
22	07:18 17:01	14:19 (C05) 14:35 (C05)	06:44 17:40	06:00 18:11	06:10 19:45	05:35 20:15	05:26 20:34	05:43 20:25	06:14 19:48	06:45 18:57	07:16 18:08	06:53 16:35	07:20 16:33
23	07:17 17:03	14:21 (C05) 14:37 (C05)	06:43 17:41	05:58 18:13	06:08 19:46	05:34 20:16	05:26 20:34	05:44 20:24	06:15 19:47	06:46 18:55	07:18 18:07	06:54 16:34	07:21 16:33
24	07:17 17:04	14:23 (C05) 14:39 (C05)	06:42 17:42	05:57 18:14	06:07 19:47	05:33 20:17	05:26 20:35	05:45 20:23	06:16 19:45	06:47 18:54	07:19 18:06	06:55 16:34	07:21 16:34
25	07:16 17:05	14:25 (C05) 14:41 (C05)	06:40 17:43	05:55 18:15	06:06 19:48	05:32 20:18	05:26 20:35	05:46 20:23	06:17 19:44	06:48 18:52	07:20 17:04	06:56 16:33	07:21 16:34
26	07:15 17:06	14:27 (C05) 14:43 (C05)	06:39 17:44	05:53 18:16	06:04 19:49	05:32 20:19	05:27 20:35	05:47 20:22	06:18 19:42	06:49 18:50	07:21 17:03	06:58 16:33	07:22 16:35
27	07:14 17:08	14:29 (C05) 14:45 (C05)	06:37 17:46	05:52 18:17	06:03 19:50	05:31 20:20	05:27 20:35	05:48 20:21	06:19 19:40	06:50 18:49	07:22 17:01	06:59 16:32	07:22 16:36
28	07:14 17:09	14:31 (C05) 14:47 (C05)	06:36 17:47	05:50 18:18	06:01 19:51	05:30 20:21	05:27 20:35	05:49 20:20	06:20 19:39	06:51 18:47	07:23 17:00	07:00 16:32	07:23 16:36
29	07:13 17:10	14:33 (C05) 14:49 (C05)	06:35 17:48	05:48 18:19	06:00 19:52	05:29 20:22	05:28 20:35	05:50 20:19	06:21 19:37	06:52 18:45	07:24 16:59	07:01 16:31	07:23 16:37
30	07:12 17:11	14:35 (C05) 14:51 (C05)	06:34 17:49	05:47 18:20	05:59 19:53	05:29 20:23	05:28 20:35	05:51 20:18	06:22 19:36	06:53 18:43	07:25 16:58	07:02 16:31	07:23 16:38
31	07:11 17:13	14:37 (C05) 14:53 (C05)	06:33 17:50	05:46 18:21	05:58 19:54	05:28 20:24	05:27 20:35	05:52 20:17	06:23 19:34	06:54 18:44	07:26 16:57	07:03 16:31	07:23 16:38
Ore potenziali eliofanìa	297	297	369	399	449	453	459	428	375	345	298	288	776
Totale, caso peggiore	98												

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 41 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (17)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Gennaio		Febbraio		Marzo	Aprile	Maggio	Giugno
1	07:23	15:43 (C05)	07:10	15:49 (C05)	06:34	06:43	05:57	05:28
	16:39	30 16:13 (C05)	17:14	16:36 (C05)	17:48	19:22	19:54	20:24
2	07:24	15:43 (C05)	07:09	15:49 (C05)	06:32	06:41	05:56	05:28
	16:40	31 16:14 (C05)	17:15	16:35 (C05)	17:49	19:23	19:55	20:24
3	07:24	15:43 (C05)	07:08	15:50 (C05)	06:31	06:40	05:55	05:27
	16:41	32 16:15 (C05)	17:16	16:35 (C05)	17:50	19:24	19:56	20:25
4	07:24	15:43 (C05)	07:07	15:51 (C05)	06:29	06:38	05:53	05:27
	16:42	33 16:16 (C05)	17:18	16:35 (C05)	17:51	19:25	19:57	20:26
5	07:24	15:43 (C05)	07:06	15:52 (C05)	06:28	06:37	05:52	05:27
	16:43	34 16:17 (C05)	17:19	16:34 (C05)	17:53	19:26	19:58	20:27
6	07:24	15:44 (C05)	07:05	15:53 (C05)	06:26	06:35	05:51	05:26
	16:44	34 16:18 (C05)	17:20	16:34 (C05)	17:54	19:27	19:59	20:27
7	07:24	15:44 (C05)	07:04	15:55 (C05)	06:25	06:33	05:50	05:26
	16:45	35 16:19 (C05)	17:21	16:33 (C05)	17:55	19:29	20:00	20:28
8	07:24	15:43 (C05)	07:03	15:55 (C05)	06:23	06:32	05:49	05:26
	16:46	37 16:20 (C05)	17:23	16:31 (C05)	17:56	19:30	20:01	20:28
9	07:23	15:43 (C05)	07:02	15:57 (C05)	06:21	06:30	05:47	05:26
	16:47	38 16:21 (C05)	17:24	16:30 (C05)	17:57	19:31	20:02	20:29
10	07:23	15:44 (C05)	07:00	15:59 (C05)	06:20	06:28	05:46	05:25
	16:48	38 16:22 (C05)	17:25	16:29 (C05)	17:58	19:32	20:04	20:30
11	07:23	15:44 (C05)	06:59	16:01 (C05)	06:18	06:27	05:45	05:25
	16:49	40 16:24 (C05)	17:26	16:27 (C05)	17:59	19:33	20:05	20:30
12	07:23	15:43 (C05)	06:58	16:03 (C05)	06:17	06:25	05:44	05:25
	16:50	41 16:24 (C05)	17:28	16:24 (C05)	18:00	19:34	20:06	20:31
13	07:22	15:44 (C05)	06:57	16:07 (C05)	06:15	06:24	05:43	05:25
	16:51	42 16:26 (C05)	17:29	16:21 (C05)	18:02	19:35	20:07	20:31
14	07:22	15:44 (C05)	06:55		06:13	06:22	05:42	05:25
	16:52	43 16:27 (C05)	17:30		18:03	19:36	20:08	20:32
15	07:22	15:44 (C05)	06:54		06:12	06:20	05:41	05:25
	16:53	44 16:28 (C05)	17:31		18:04	19:37	20:09	20:32
16	07:21	15:44 (C05)	06:53		06:10	06:19	05:40	05:25
	16:54	46 16:30 (C05)	17:32		18:05	19:38	20:10	20:32
17	07:21	15:44 (C05)	06:51		06:08	06:17	05:39	05:25
	16:56	46 16:30 (C05)	17:34		18:06	19:39	20:11	20:33
18	07:20	15:44 (C05)	06:50		06:07	06:16	05:38	05:25
	16:57	47 16:31 (C05)	17:35		18:07	19:40	20:11	20:33
19	07:20	15:45 (C05)	06:49		06:05	06:14	05:37	05:25
	16:58	48 16:33 (C05)	17:36		18:08	19:41	20:12	20:33
20	07:19	15:44 (C05)	06:47		06:03	06:13	05:36	05:25
	16:59	50 16:34 (C05)	17:37		18:09	19:42	20:13	20:34
21	07:19	15:45 (C05)	06:46		06:02	06:11	05:36	05:25
	17:00	50 16:35 (C05)	17:39		18:10	19:43	20:14	20:34
22	07:18	15:45 (C05)	06:44		06:00	06:10	05:35	05:26
	17:01	50 16:35 (C05)	17:40		18:11	19:45	20:15	20:34
23	07:17	15:45 (C05)	06:43		05:58	06:08	05:34	05:26
	17:03	50 16:35 (C05)	17:41		18:13	19:46	20:16	20:34
24	07:17	15:45 (C05)	06:42		05:57	06:07	05:33	05:26
	17:04	50 16:35 (C05)	17:42		18:14	19:47	20:17	20:35
25	07:16	15:46 (C05)	06:40		05:55	06:05	05:32	05:26
	17:05	50 16:36 (C05)	17:43		18:15	19:48	20:18	20:35
26	07:15	15:46 (C05)	06:39		05:53	06:04	05:32	05:27
	17:06	50 16:36 (C05)	17:44		18:16	19:49	20:19	20:35
27	07:14	15:46 (C05)	06:37		05:52	06:03	05:31	05:27
	17:08	50 16:36 (C05)	17:46		18:17	19:50	20:20	20:35
28	07:14	15:47 (C05)	06:36		05:50	06:01	05:30	05:27
	17:09	49 16:36 (C05)	17:47		18:18	19:51	20:21	20:35
29	07:13	15:47 (C05)			06:48	06:00	05:30	05:28
	17:10	49 16:36 (C05)			19:19	19:52	20:21	20:35
30	07:12	15:48 (C05)			06:46	05:59	05:29	05:28
	17:11	48 16:36 (C05)			19:20	19:53	20:22	20:35
31	07:11	15:48 (C05)			06:45		05:29	
	17:13	48 16:36 (C05)			19:21		20:23	
Ore potenziali eliofania	297		297		369	399	449	453
Totale, caso peggiore	1333		463					

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento)
Tramonto (hh:mm)Minuti d'ombra Fine ombreggiamento (hh:mm) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 41 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (17)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre		Novembre		Dicembre			
1	05:29 20:35	05:53 20:16	06:24 19:32	06:54 18:42		06:28 16:55	31	15:28 (C05) 15:59 (C05)	07:03 16:31	40	15:26 (C05) 16:06 (C05)
2	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40		06:29 16:54	34	15:26 (C05) 16:00 (C05)	07:04 16:30	38	15:27 (C05) 16:05 (C05)
3	05:30 20:34	05:55 20:13	06:26 19:29	06:56 18:38		06:30 16:53	36	15:25 (C05) 16:01 (C05)	07:05 16:30	38	15:27 (C05) 16:05 (C05)
4	05:30 20:34	05:56 20:12	06:27 19:28	06:57 18:37		06:32 16:51	39	15:23 (C05) 16:02 (C05)	07:06 16:30	37	15:28 (C05) 16:05 (C05)
5	05:31 20:34	05:57 20:11	06:28 19:26	06:58 18:35		06:33 16:50	40	15:23 (C05) 16:03 (C05)	07:07 16:30	36	15:29 (C05) 16:05 (C05)
6	05:31 20:34	05:58 20:10	06:29 19:24	06:59 18:33		06:34 16:49	42	15:22 (C05) 16:04 (C05)	07:08 16:29	34	15:30 (C05) 16:04 (C05)
7	05:32 20:33	05:59 20:09	06:30 19:23	07:00 18:32		06:35 16:48	44	15:21 (C05) 16:05 (C05)	07:09 16:29	33	15:31 (C05) 16:04 (C05)
8	05:33 20:33	06:00 20:07	06:31 19:21	07:01 18:30		06:36 16:47	45	15:21 (C05) 16:06 (C05)	07:10 16:29	33	15:31 (C05) 16:04 (C05)
9	05:33 20:33	06:01 20:06	06:32 19:19	07:02 18:29		06:38 16:46	46	15:20 (C05) 16:06 (C05)	07:11 16:29	32	15:32 (C05) 16:04 (C05)
10	05:34 20:32	06:02 20:05	06:33 19:17	07:03 18:27		06:39 16:45	47	15:20 (C05) 16:07 (C05)	07:12 16:29	31	15:32 (C05) 16:03 (C05)
11	05:35 20:32	06:03 20:04	06:34 19:16	07:04 18:25		06:40 16:44	48	15:19 (C05) 16:07 (C05)	07:13 16:29	31	15:33 (C05) 16:04 (C05)
12	05:35 20:31	06:04 20:02	06:35 19:15	07:05 18:24		06:41 16:43	49	15:19 (C05) 16:08 (C05)	07:13 16:29	30	15:34 (C05) 16:04 (C05)
13	05:36 20:31	06:05 20:01	06:36 19:12	07:06 18:22		06:42 16:42	49	15:19 (C05) 16:08 (C05)	07:14 16:30	29	15:35 (C05) 16:04 (C05)
14	05:37 20:30	06:06 20:00	06:37 19:11	07:08 18:21		06:44 16:41	49	15:19 (C05) 16:08 (C05)	07:15 16:30	29	15:36 (C05) 16:05 (C05)
15	05:38 20:30	06:07 19:58	06:38 19:09	07:09 18:19		06:45 16:40	50	15:19 (C05) 16:09 (C05)	07:16 16:30	28	15:36 (C05) 16:04 (C05)
16	05:38 20:29	06:08 19:57	06:39 19:07	07:10 18:17		06:46 16:39	50	15:19 (C05) 16:09 (C05)	07:16 16:30	28	15:37 (C05) 16:05 (C05)
17	05:39 20:29	06:09 19:55	06:40 19:06	07:11 18:16		06:47 16:38	50	15:19 (C05) 16:09 (C05)	07:17 16:31	27	15:38 (C05) 16:05 (C05)
18	05:40 20:28	06:10 19:54	06:41 19:04	07:12 18:14		06:48 16:38	50	15:19 (C05) 16:09 (C05)	07:18 16:31	27	15:38 (C05) 16:05 (C05)
19	05:41 20:27	06:11 19:53	06:42 19:02	07:13 18:13		06:50 16:37	50	15:20 (C05) 16:10 (C05)	07:18 16:31	27	15:39 (C05) 16:06 (C05)
20	05:42 20:27	06:12 19:51	06:43 19:00	07:14 18:11		06:51 16:36	50	15:20 (C05) 16:10 (C05)	07:19 16:32	26	15:39 (C05) 16:05 (C05)
21	05:43 20:26	06:13 19:50	06:44 18:59	07:15 18:10		06:52 16:35	50	15:20 (C05) 16:10 (C05)	07:20 16:32	26	15:40 (C05) 16:06 (C05)
22	05:43 20:25	06:14 19:48	06:45 18:57	07:16 18:08		06:53 16:35	50	15:20 (C05) 16:10 (C05)	07:20 16:33	26	15:40 (C05) 16:06 (C05)
23	05:44 20:24	06:15 19:47	06:46 18:55	07:18 18:07		06:54 16:34	48	15:21 (C05) 16:09 (C05)	07:21 16:33	26	15:41 (C05) 16:07 (C05)
24	05:45 20:23	06:16 19:45	06:47 18:54	07:19 18:06		06:55 16:34	47	15:22 (C05) 16:09 (C05)	07:21 16:34	26	15:41 (C05) 16:07 (C05)
25	05:46 20:23	06:17 19:44	06:48 18:52	07:20 17:04		06:56 16:33	46	15:22 (C05) 16:08 (C05)	07:21 16:34	27	15:42 (C05) 16:09 (C05)
26	05:47 20:22	06:18 19:42	06:49 18:50	07:21 17:03		06:58 16:32	45	15:23 (C05) 16:08 (C05)	07:22 16:35	27	15:42 (C05) 16:09 (C05)
27	05:48 20:21	06:19 19:40	06:50 18:49	07:22 17:01		06:59 16:32	44	15:23 (C05) 16:07 (C05)	07:22 16:36	27	15:42 (C05) 16:09 (C05)
28	05:49 20:20	06:20 19:39	06:51 18:47	07:23 17:00		07:00 16:32	43	15:23 (C05) 16:06 (C05)	07:22 16:36	28	15:42 (C05) 16:10 (C05)
29	05:50 20:19	06:21 19:37	06:52 18:45	07:25 16:59	15	07:01 16:31	42	15:24 (C05) 16:06 (C05)	07:23 16:37	28	15:43 (C05) 16:11 (C05)
30	05:51 20:18	06:22 19:36	06:53 18:43	07:26 16:57	22	07:02 16:31	41	15:25 (C05) 16:06 (C05)	07:23 16:38	29	15:43 (C05) 16:12 (C05)
31	05:52 20:17	06:23 19:34	06:54 18:42	07:27 16:56	26	07:03 15:56 (C05)		15:25 (C05) 16:06 (C05)	07:23 16:38	30	15:43 (C05) 16:13 (C05)
Ore potenziali eliofania	459	428	375	345		298			288		934
Totale, caso peggiore				63		1355					934

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 42 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (18)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre	
1	07:23 16:39	07:10 17:14	16:27 (C05) 16:50 (C05)	06:34 17:48	06:43 19:22	05:57 19:54	05:28 20:24	05:29 20:35	05:53 20:16	06:24 19:32	06:54 18:42	06:28 15:56 (C05)	07:03 16:30
2	07:24 16:40	07:09 17:15	16:27 (C05) 16:51 (C05)	06:32 17:49	06:41 19:23	05:56 19:55	05:28 20:24	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40	06:29 15:56 (C05)	07:04 16:30
3	07:24 16:41	07:08 17:16	16:27 (C05) 16:53 (C05)	06:31 17:50	06:40 19:24	05:55 19:56	05:27 20:25	05:30 20:34	05:55 20:13	06:26 19:29	06:56 18:38	06:30 15:56 (C05)	07:05 16:30
4	07:24 16:42	07:07 17:18	16:27 (C05) 16:54 (C05)	06:29 17:51	06:38 19:25	05:53 19:57	05:27 20:26	05:30 20:34	05:56 20:12	06:27 19:28	06:57 18:37	06:32 15:56 (C05)	07:06 16:30
5	07:24 16:43	07:06 17:19	16:27 (C05) 16:55 (C05)	06:28 17:53	06:37 19:26	05:52 19:58	05:27 20:27	05:31 20:34	05:57 20:11	06:28 19:26	06:58 18:35	06:33 15:56 (C05)	07:07 16:30
6	07:24 16:44	07:05 17:20	16:27 (C05) 16:57 (C05)	06:26 17:54	06:35 19:27	05:51 19:59	05:26 20:27	05:31 20:34	05:58 20:10	06:29 19:24	06:59 18:33	06:34 15:56 (C05)	07:08 16:29
7	07:24 16:45	07:04 17:21	16:27 (C05) 16:58 (C05)	06:25 17:55	06:33 19:29	05:50 19:29	05:26 20:28	05:32 20:33	05:59 20:09	06:30 19:23	07:00 18:32	06:35 15:57 (C05)	07:09 16:29
8	07:24 16:46	07:03 17:23	16:27 (C05) 16:59 (C05)	06:23 17:56	06:32 19:30	05:49 20:01	05:26 20:28	05:33 20:33	06:00 20:07	06:31 19:21	07:01 18:30	06:36 15:58 (C05)	07:10 16:29
9	07:23 16:47	07:02 17:24	16:26 (C05) 17:01 (C05)	06:21 17:57	06:30 19:31	05:47 20:02	05:26 20:29	05:33 20:33	06:01 20:06	06:32 19:19	07:02 18:29	06:38 15:58 (C05)	07:11 16:29
10	07:23 16:48	07:00 17:25	16:27 (C05) 17:02 (C05)	06:20 17:58	06:28 19:32	05:46 20:04	05:25 20:30	05:34 20:32	06:02 20:05	06:33 19:17	07:03 18:27	06:39 15:58 (C05)	07:12 16:29
11	07:23 16:49	06:59 17:26	16:27 (C05) 17:04 (C05)	06:18 17:59	06:27 19:33	05:45 20:05	05:25 20:30	05:35 20:32	06:03 20:04	06:34 19:16	07:04 18:25	06:40 15:59 (C05)	07:13 16:29
12	07:23 16:50	06:58 17:28	16:27 (C05) 17:04 (C05)	06:17 18:00	06:25 19:34	05:44 20:06	05:25 20:31	05:35 20:31	06:04 20:02	06:35 19:14	07:05 18:24	06:41 15:59 (C05)	07:13 16:29
13	07:22 16:51	06:57 17:29	16:28 (C05) 17:05 (C05)	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31	05:36 20:31	06:05 20:01	06:36 19:12	07:06 18:22	06:42 15:59 (C05)	07:14 16:30
14	07:22 16:52	06:55 17:30	16:29 (C05) 17:04 (C05)	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32	05:37 20:30	06:06 20:00	06:37 19:11	07:08 18:21	06:44 15:59 (C05)	07:15 16:30
15	07:22 16:53	06:54 17:31	16:29 (C05) 17:03 (C05)	06:12 18:04	06:20 19:37	05:41 20:09	05:25 20:32	05:38 20:30	06:07 19:58	06:38 19:09	07:09 18:19	06:45 15:59 (C05)	07:16 16:30
16	07:21 16:54	06:53 17:32	16:30 (C05) 17:03 (C05)	06:10 18:05	06:19 19:38	05:40 20:10	05:25 20:32	05:38 20:29	06:08 19:57	06:39 19:07	07:10 18:17	06:46 15:59 (C05)	07:16 16:30
17	07:21 16:56	06:51 17:34	16:31 (C05) 17:02 (C05)	06:08 18:06	06:17 19:39	05:39 20:11	05:25 20:33	05:39 20:29	06:09 19:55	06:40 19:06	07:11 18:16	06:47 15:59 (C05)	07:17 16:31
18	07:20 16:57	06:50 17:35	16:32 (C05) 17:00 (C05)	06:07 18:07	06:16 19:40	05:38 20:11	05:25 20:33	05:40 20:28	06:10 19:54	06:41 19:04	07:12 18:14	06:48 15:59 (C05)	07:18 16:31
19	07:20 16:58	06:49 17:36	16:34 (C05) 16:59 (C05)	06:05 18:08	06:14 19:41	05:37 20:12	05:25 20:33	05:41 20:27	06:11 19:53	06:42 19:02	07:13 18:13	06:50 15:59 (C05)	07:18 16:31
20	07:19 16:59	06:47 17:37	16:36 (C05) 16:57 (C05)	06:03 18:09	06:13 19:42	05:36 20:13	05:25 20:34	05:42 20:27	06:12 19:51	06:43 19:00	07:14 18:11	06:51 15:59 (C05)	07:19 16:32
21	07:19 17:00	06:46 17:39	16:38 (C05) 16:54 (C05)	06:02 18:10	06:11 19:43	05:35 20:14	05:25 20:34	05:43 20:26	06:13 19:50	06:44 18:59	07:15 18:10	06:52 15:59 (C05)	07:19 16:32
22	07:18 17:01	06:44 17:40	16:44 (C05) 16:49 (C05)	06:00 18:11	06:10 19:45	05:35 20:15	05:26 20:34	05:43 20:25	06:14 19:48	06:45 18:57	07:16 18:08	06:53 15:59 (C05)	07:20 16:33
23	07:17 17:03	16:37 (C05) 16:38 (C05)	06:43 17:41	05:58 18:12	06:08 19:46	05:34 20:16	05:26 20:34	05:44 20:24	06:15 19:47	06:46 18:55	07:18 18:07	06:54 15:59 (C05)	07:21 16:33
24	07:17 17:04	16:35 (C05) 16:39 (C05)	06:42 17:42	05:57 18:14	06:07 19:47	05:33 20:17	05:26 20:35	05:45 20:23	06:16 19:45	06:47 18:54	07:19 18:06	06:55 15:59 (C05)	07:21 16:34
25	07:16 17:05	16:34 (C05) 16:41 (C05)	06:40 17:43	05:55 18:15	06:05 19:48	05:32 20:18	05:26 20:35	05:46 20:23	06:17 19:44	06:48 18:52	07:20 17:04	06:56 15:59 (C05)	07:21 16:34
26	07:15 17:06	16:32 (C05) 16:42 (C05)	06:39 17:44	05:53 18:16	06:04 19:49	05:32 20:19	05:27 20:35	05:47 20:22	06:18 19:42	06:49 18:50	07:21 17:03	06:58 15:59 (C05)	07:22 16:35
27	07:14 17:08	16:31 (C05) 16:43 (C05)	06:37 17:46	05:51 18:17	06:03 19:50	05:31 20:20	05:27 20:35	05:48 20:21	06:19 19:40	06:50 18:48	07:22 17:01	06:59 15:59 (C05)	07:22 16:36
28	07:14 17:09	16:30 (C05) 16:45 (C05)	06:36 17:47	05:50 18:18	06:01 19:51	05:30 20:21	05:27 20:35	05:49 20:20	06:20 19:39	06:51 18:47	07:23 17:00	07:00 15:59 (C05)	07:22 16:36
29	07:13 17:10	16:29 (C05) 16:46 (C05)	06:35 17:47	05:48 18:19	06:00 19:52	05:30 20:21	05:28 20:35	05:50 20:19	06:21 19:37	06:52 18:45	07:24 17:00	07:01 15:59 (C05)	07:23 16:37
30	07:12 17:11	16:29 (C05) 16:47 (C05)	06:34 17:47	05:46 18:20	05:59 19:53	05:29 20:22	05:28 20:35	05:51 20:18	06:22 19:36	06:53 18:43	07:25 16:57	07:02 15:59 (C05)	07:23 16:38
31	07:11 17:13	16:28 (C05) 16:48 (C05)	06:33 17:47	05:45 18:21	05:58 19:21	05:29 20:23	05:27 20:35	05:52 20:17	06:23 19:34	06:24 16:56	07:26 16:32	07:03 15:59 (C05)	07:23 16:38
Ore potenziali elofania	297	297	369	399	449	453	459	428	375	345	298	288	
Totale, caso peggiore	104	631								349	396		

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 44 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (19)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio		Febbraio		Marzo		Aprile		Maggio		Giugno		
1	07:23		15:38 (C06)	07:10	06:34		06:43		17:44 (C05)	05:57	17:53 (C05)	05:28	
	16:40	35	16:13 (C06)	17:14	17:48		19:22	72	18:56 (C05)	19:54	43	18:36 (C05)	20:24
2	07:24		15:39 (C06)	07:09	06:32		06:41		17:43 (C05)	05:56		17:54 (C05)	05:28
	16:40	35	16:14 (C06)	17:15	17:49		19:23	73	18:56 (C05)	19:55	39	18:33 (C05)	20:24
3	07:24		15:39 (C06)	07:08	06:31		06:40		17:42 (C05)	05:55		17:56 (C05)	05:27
	16:41	36	16:15 (C06)	17:16	17:50		19:24	74	18:56 (C05)	19:56	35	18:31 (C05)	20:25
4	07:24		15:40 (C06)	07:07	06:29		06:38		17:42 (C05)	05:53		17:59 (C05)	05:27
	16:42	36	16:16 (C06)	17:18	17:51		19:25	74	18:56 (C05)	19:57	30	18:29 (C05)	20:26
5	07:24		15:40 (C06)	07:06	06:28		06:37		17:41 (C05)	05:52		18:02 (C05)	05:27
	16:43	37	16:17 (C06)	17:19	17:53		19:26	75	18:56 (C05)	19:58	24	18:26 (C05)	20:27
6	07:24		15:41 (C06)	07:05	06:26		06:35		17:40 (C05)	05:51		18:06 (C05)	05:26
	16:44	37	16:18 (C06)	17:20	17:54		19:27	75	18:55 (C05)	19:59	17	18:23 (C05)	20:27
7	07:24		15:42 (C06)	07:04	06:25		06:33		17:41 (C05)	05:50			05:26
	16:45	37	16:19 (C06)	17:21	17:55		19:29	75	18:56 (C05)	20:00			20:28
8	07:24		15:41 (C06)	07:03	06:23		06:32		17:40 (C05)	05:49			05:26
	16:46	37	16:18 (C06)	17:23	17:56		19:30	75	18:55 (C05)	20:01			20:28
9	07:23		15:42 (C06)	07:02	06:21		06:30		17:40 (C05)	05:47			05:26
	16:47	37	16:19 (C06)	17:24	17:57		19:31	76	18:56 (C05)	20:02			20:29
10	07:23		15:43 (C06)	07:00	06:20		06:28		17:40 (C05)	05:46			05:25
	16:48	36	16:19 (C06)	17:25	17:58		19:32	75	18:55 (C05)	20:04			20:30
11	07:23		15:44 (C06)	06:59	06:18		06:27		17:39 (C05)	05:45			05:25
	16:49	36	16:20 (C06)	17:26	17:59		19:33	75	18:54 (C05)	20:05			20:30
12	07:23		15:44 (C06)	06:58	06:17		06:25		17:40 (C05)	05:44			05:25
	16:50	35	16:19 (C06)	17:28	18:00		19:34	74	18:54 (C05)	20:06			20:31
13	07:22		15:45 (C06)	06:57	06:15		06:24		17:40 (C05)	05:43			05:25
	16:51	35	16:20 (C06)	17:29	18:02		19:35	73	18:53 (C05)	20:07			20:31
14	07:22		15:45 (C06)	06:55	06:13		06:22		17:40 (C05)	05:42			05:25
	16:52	34	16:19 (C06)	17:30	18:03		19:36	73	18:53 (C05)	20:08			20:32
15	07:22		15:46 (C06)	06:54	06:12		06:20		17:40 (C05)	05:41			05:25
	16:53	34	16:20 (C06)	17:31	18:04		19:37	72	18:52 (C05)	20:09			20:32
16	07:21		15:48 (C06)	06:53	06:10	17:16 (C05)	06:19		17:41 (C05)	05:40			05:25
	16:54	32	16:20 (C06)	17:32	18:05	17	17:33 (C05)	19:38	71	18:52 (C05)	20:10		20:32
17	07:21		15:48 (C06)	06:51	06:08	17:11 (C05)	06:17		17:41 (C05)	05:39			05:25
	16:56	31	16:19 (C06)	17:34	18:06	27	17:38 (C05)	19:39	70	18:51 (C05)	20:11		20:33
18	07:20		15:48 (C06)	06:50	06:07	17:06 (C05)	06:16		17:41 (C05)	05:38			05:25
	16:57	31	16:19 (C06)	17:35	18:07	35	17:41 (C05)	19:40	70	18:51 (C05)	20:11		20:33
19	07:20		15:50 (C06)	06:49	06:05	17:04 (C05)	06:14		17:41 (C05)	05:37			05:25
	16:58	29	16:19 (C06)	17:36	18:08	40	17:44 (C05)	19:41	69	18:50 (C05)	20:12		20:33
20	07:19		15:51 (C06)	06:47	06:03	17:01 (C05)	06:13		17:42 (C05)	05:36			05:25
	16:59	27	16:18 (C06)	17:37	18:09	45	17:46 (C05)	19:42	67	18:49 (C05)	20:13		20:34
21	07:19		15:53 (C06)	06:46	06:02	16:58 (C05)	06:11		17:42 (C05)	05:36			05:25
	17:00	25	16:18 (C06)	17:39	18:10	49	17:47 (C05)	19:43	66	18:48 (C05)	20:14		20:34
22	07:18		15:54 (C06)	06:44	06:00	16:56 (C05)	06:10		17:44 (C05)	05:35			05:26
	17:01	23	16:17 (C06)	17:40	18:11	52	17:48 (C05)	19:45	63	18:47 (C05)	20:15		20:34
23	07:17		15:55 (C06)	06:43	05:58	16:55 (C05)	06:08		17:44 (C05)	05:34			05:26
	17:03	21	16:16 (C06)	17:41	18:13	55	17:50 (C05)	19:46	62	18:46 (C05)	20:16		20:34
24	07:17		15:57 (C06)	06:42	05:57	16:53 (C05)	06:07		17:45 (C05)	05:33			05:26
	17:04	17	16:14 (C06)	17:42	18:14	58	17:51 (C05)	19:47	60	18:45 (C05)	20:17		20:35
25	07:16		16:01 (C06)	06:40	05:55	16:51 (C05)	06:05		17:45 (C05)	05:32			05:26
	17:05	12	16:13 (C06)	17:43	18:15	61	17:52 (C05)	19:48	58	18:43 (C05)	20:18		20:35
26	07:15			06:39	05:53	16:50 (C05)	06:04		17:47 (C05)	05:32			05:27
	17:06			17:44	18:16	63	17:53 (C05)	19:49	55	18:42 (C05)	20:19		20:35
27	07:14			06:37	05:52	16:48 (C05)	06:03		17:48 (C05)	05:31			05:27
	17:08			17:46	18:17	65	17:53 (C05)	19:50	54	18:42 (C05)	20:20		20:35
28	07:14			06:36	05:50	16:47 (C05)	06:01		17:48 (C05)	05:30			05:27
	17:09			17:47	18:18	67	17:54 (C05)	19:51	51	18:39 (C05)	20:21		20:35
29	07:13				06:48	17:47 (C05)	06:00		17:50 (C05)	05:30			05:28
	17:10				19:19	68	18:55 (C05)	19:52	48	18:38 (C05)	20:21		20:35
30	07:12				06:46	17:45 (C05)	05:59		17:52 (C05)	05:29			05:28
	17:11				19:20	70	18:55 (C05)	19:53	45	18:37 (C05)	20:22		20:35
31	07:11				06:45	17:44 (C05)				05:29			
	17:13				19:21	71	18:55 (C05)			20:23			
Ore potenziali eliofanìa	297			297	369			399		449			453
Totale, caso peggiore	785				843			2020		188			

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 44 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (19)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre		
1	05:29 20:35	05:53 20:16	06:24 19:32	75 17:38 (C05) 18:53 (C05)	06:54 18:42	06:28 16:55	07:03 16:31	36 15:26 (C06) 16:02 (C06)
2	05:29 20:35	05:54 20:15	06:25 19:31	75 17:38 (C05) 18:53 (C05)	06:55 18:40	06:29 16:54	07:04 16:30	36 15:26 (C06) 16:02 (C06)
3	05:30 20:34	05:55 20:13	06:26 19:29	76 17:37 (C05) 18:53 (C05)	06:56 18:38	06:30 16:53	07:05 16:30	37 15:26 (C06) 16:03 (C06)
4	05:30 20:34	05:56 20:12	06:27 19:28	75 17:37 (C05) 18:52 (C05)	06:57 18:37	06:32 16:51	07:06 16:30	37 15:26 (C06) 16:03 (C06)
5	05:31 20:34	05:57 20:11	06:28 19:26	75 17:37 (C05) 18:52 (C05)	06:58 18:35	06:33 16:50	07:07 16:30	37 15:27 (C06) 16:04 (C06)
6	05:31 20:34	05:58 20:10	18:19 (C05) 06:29	75 17:36 (C05) 18:51 (C05)	06:59 18:33	06:34 16:49	07:08 16:29	37 15:27 (C06) 16:04 (C06)
7	05:32 20:33	05:59 20:09	18:14 (C05) 06:30	75 17:36 (C05) 18:51 (C05)	07:00 18:32	06:35 16:48	07:09 16:29	37 15:27 (C06) 16:04 (C06)
8	05:33 20:33	06:00 20:07	18:09 (C05) 06:31	74 17:36 (C05) 18:50 (C05)	07:01 18:30	06:36 16:47	07:10 16:29	36 15:28 (C06) 16:04 (C06)
9	05:33 20:33	06:01 20:06	18:07 (C05) 06:32	74 17:36 (C05) 18:50 (C05)	07:02 18:29	06:38 16:46	07:11 16:29	36 15:28 (C06) 16:04 (C06)
10	05:34 20:32	06:02 20:05	18:05 (C05) 06:33	73 17:36 (C05) 18:49 (C05)	07:03 18:27	06:39 16:45	07:12 16:29	35 15:28 (C06) 16:03 (C06)
11	05:35 20:32	06:03 20:04	18:02 (C05) 06:34	72 17:36 (C05) 18:48 (C05)	07:04 18:25	06:40 16:44	07:13 16:29	36 15:28 (C06) 16:04 (C06)
12	05:35 20:31	06:04 20:02	18:01 (C05) 06:35	71 17:36 (C05) 18:47 (C05)	07:05 18:24	06:41 16:43	07:13 16:30	35 15:29 (C06) 16:04 (C06)
13	05:36 20:31	06:05 20:01	17:59 (C05) 06:36	70 17:36 (C05) 18:46 (C05)	07:06 18:22	06:42 16:42	07:14 16:30	34 15:30 (C06) 16:04 (C06)
14	05:37 20:30	06:06 20:00	17:57 (C05) 06:37	68 17:37 (C05) 18:45 (C05)	07:08 18:21	06:44 16:41	07:15 16:30	35 15:30 (C06) 16:05 (C06)
15	05:38 20:30	06:07 19:58	17:56 (C05) 06:38	67 17:37 (C05) 18:44 (C05)	07:09 18:19	06:45 16:40	07:16 16:30	34 15:30 (C06) 16:04 (C06)
16	05:38 20:29	06:08 19:57	17:54 (C05) 06:39	65 17:38 (C05) 18:43 (C05)	07:10 18:17	06:46 16:39	15:39 (C06) 16:30	34 15:31 (C06) 16:05 (C06)
17	05:39 20:29	06:09 19:55	17:53 (C05) 06:40	64 17:38 (C05) 18:42 (C05)	07:11 18:16	06:47 16:38	15:34 (C06) 16:31	33 15:32 (C06) 16:05 (C06)
18	05:40 20:28	06:10 19:54	17:52 (C05) 06:41	61 17:39 (C05) 18:40 (C05)	07:12 18:14	06:48 16:38	15:31 (C06) 16:31	33 15:32 (C06) 16:05 (C06)
19	05:41 20:27	06:11 19:53	17:51 (C05) 06:42	59 17:40 (C05) 18:39 (C05)	07:13 18:13	06:50 16:37	15:30 (C06) 16:31	34 15:32 (C06) 16:06 (C06)
20	05:42 20:27	06:12 19:51	17:49 (C05) 06:43	56 17:41 (C05) 18:37 (C05)	07:14 18:11	06:51 16:36	15:29 (C06) 16:32	33 15:32 (C06) 16:05 (C06)
21	05:43 20:26	06:13 19:50	17:48 (C05) 06:44	53 17:42 (C05) 18:35 (C05)	07:15 18:10	06:52 16:35	15:28 (C06) 16:32	33 15:33 (C06) 16:06 (C06)
22	05:43 20:25	06:14 19:48	17:47 (C05) 06:45	50 17:43 (C05) 18:33 (C05)	07:16 18:08	06:53 16:35	15:27 (C06) 16:33	33 15:33 (C06) 16:06 (C06)
23	05:44 20:24	06:15 19:47	17:46 (C05) 06:46	46 17:45 (C05) 18:31 (C05)	07:18 18:07	06:54 16:34	15:26 (C06) 16:33	33 15:34 (C06) 16:07 (C06)
24	05:45 20:23	06:16 19:45	17:45 (C05) 06:47	41 17:47 (C05) 18:28 (C05)	07:19 18:06	06:55 16:34	15:27 (C06) 16:34	34 15:34 (C06) 16:08 (C06)
25	05:46 20:23	06:17 19:44	17:44 (C05) 06:48	36 17:49 (C05) 18:25 (C05)	08:00 17:04	06:56 16:33	15:26 (C06) 16:34	34 15:35 (C06) 16:09 (C06)
26	05:47 20:22	06:18 19:42	17:43 (C05) 06:49	30 17:52 (C05) 18:22 (C05)	08:01 17:03	06:58 16:33	15:26 (C06) 16:35	33 15:36 (C06) 16:09 (C06)
27	05:48 20:21	06:19 19:40	17:43 (C05) 06:50	21 17:56 (C05) 18:17 (C05)	08:02 17:01	06:59 16:32	15:25 (C06) 16:36	33 15:36 (C06) 16:09 (C06)
28	05:49 20:20	06:20 19:39	17:42 (C05) 06:51	17:01 17:00	08:03 16:32	07:00 16:32	15:25 (C06) 16:36	34 15:36 (C06) 16:10 (C06)
29	05:50 20:19	06:21 19:37	17:41 (C05) 06:52	16:59 16:59	08:04 16:31	07:01 16:31	15:25 (C06) 16:37	34 15:37 (C06) 16:11 (C06)
30	05:51 20:18	06:22 19:36	17:41 (C05) 06:53	16:58 16:58	08:05 16:31	07:02 16:31	15:26 (C06) 16:38	34 15:38 (C06) 16:12 (C06)
31	05:52 20:17	06:23 19:34	17:40 (C05) 06:54	16:57 16:56	08:06 16:30	07:03 16:30	15:27 (C06) 16:38	35 15:38 (C06) 16:13 (C06)
Ore potenziali eliofanìa	459	428	375	345	298	288		
Totale, caso peggiore		1414	1677		387		1075	

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 46 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (20)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno				
1	07:23 16:40	07:10 17:14	06:34 17:48	17:05 (C06) 17:26 (C06)	06:43 19:22	05:57 19:54	05:28 20:24	19:26 (C05) 19:59 (C05)		
2	07:24 16:40	07:09 17:15	06:32 17:49	17:05 (C06) 17:27 (C06)	06:41 19:23	05:56 19:55	05:28 20:24	19:26 (C05) 19:59 (C05)		
3	07:24 16:41	07:08 17:16	06:31 17:50	17:05 (C06) 17:29 (C06)	06:40 19:24	05:55 19:56	05:27 20:25	19:26 (C05) 20:00 (C05)		
4	07:24 16:42	07:07 17:18	06:29 17:51	17:05 (C06) 17:30 (C06)	06:38 19:25	05:53 19:57	05:27 20:26	19:26 (C05) 20:01 (C05)		
5	07:24 16:43	07:06 17:19	06:28 17:53	17:05 (C06) 17:32 (C06)	06:37 19:26	05:52 19:58	05:27 20:27	19:26 (C05) 20:01 (C05)		
6	07:24 16:44	07:05 17:20	06:26 17:54	17:05 (C06) 17:32 (C06)	06:35 19:27	05:51 19:59	05:26 20:27	19:26 (C05) 20:02 (C05)		
7	07:24 16:45	07:04 17:21	06:25 17:55	17:06 (C06) 17:33 (C06)	06:33 19:29	05:50 20:00	05:26 20:28	19:26 (C05) 20:03 (C05)		
8	07:24 16:46	07:03 17:23	06:23 17:56	17:07 (C06) 17:34 (C06)	06:32 19:30	05:49 20:01	05:26 20:28	19:26 (C05) 20:04 (C05)		
9	07:23 16:47	07:01 17:24	06:21 17:57	17:08 (C06) 17:32 (C06)	06:30 19:31	05:47 20:02	05:26 20:29	19:27 (C05) 20:04 (C05)		
10	07:23 16:48	07:00 17:25	06:20 17:58	17:10 (C06) 17:31 (C06)	06:28 19:32	05:46 20:04	05:25 20:30	19:26 (C05) 20:04 (C05)		
11	07:23 16:49	06:59 17:26	06:18 17:59	17:11 (C06) 17:28 (C06)	06:27 19:33	05:45 20:05	05:25 20:30	19:26 (C05) 20:05 (C05)		
12	07:23 16:50	06:58 17:28	06:17 18:00	17:14 (C06) 17:24 (C06)	06:25 19:34	05:44 20:06	05:25 20:31	19:26 (C05) 20:05 (C05)		
13	07:22 16:51	06:57 17:29	06:15 18:02	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31	19:27 (C05) 20:06 (C05)		
14	07:22 16:52	06:55 17:30	06:13 18:03	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32	19:27 (C05) 20:06 (C05)		
15	07:22 16:53	06:54 17:31	06:12 18:04	06:12 18:04	06:20 19:37	05:41 20:09	19:40 (C05) 20:32	05:25 20:06 (C05)		
16	07:21 16:54	06:53 17:32	06:10 18:05	06:10 18:05	06:19 19:38	05:40 20:10	19:37 (C05) 19:45 (C05)	05:25 20:32	39 40	20:06 (C05) 20:07 (C05)
17	07:21 16:56	06:51 17:34	06:08 18:06	06:08 18:06	06:17 19:39	05:39 20:11	19:35 (C05) 19:46 (C05)	05:25 20:33	40	19:27 (C05) 20:07 (C05)
18	07:20 16:57	06:50 17:35	06:07 18:07	06:07 18:07	06:16 19:40	05:38 20:11	19:34 (C05) 19:48 (C05)	05:25 20:33	40	19:27 (C05) 20:07 (C05)
19	07:20 16:58	06:49 17:36	06:05 18:08	06:05 18:08	06:14 19:41	05:37 20:12	19:33 (C05) 19:49 (C05)	05:25 20:33	40	19:28 (C05) 20:08 (C05)
20	07:19 16:59	06:47 17:37	06:03 18:09	06:03 18:09	06:13 19:42	05:36 20:13	19:32 (C05) 19:49 (C05)	05:25 20:34	40	19:28 (C05) 20:08 (C05)
21	07:19 17:00	06:46 17:39	17:13 (C06) 17:16 (C06)	06:02 18:10	06:11 19:43	05:36 20:14	19:30 (C05) 19:50 (C05)	05:25 20:34	41	19:28 (C05) 20:09 (C05)
22	07:18 17:01	06:44 17:40	17:12 (C06) 17:18 (C06)	06:00 18:11	06:10 19:45	05:35 20:15	19:29 (C05) 19:50 (C05)	05:26 20:34	41	19:28 (C05) 20:09 (C05)
23	07:17 17:03	06:43 17:41	17:10 (C06) 17:19 (C06)	05:58 18:12	06:08 19:46	05:34 20:16	19:29 (C05) 19:52 (C05)	05:26 20:34	40	19:28 (C05) 20:08 (C05)
24	07:17 17:04	06:42 17:42	17:09 (C06) 17:21 (C06)	05:57 18:14	06:07 19:47	05:33 20:17	19:28 (C05) 19:52 (C05)	05:26 20:35	40	19:29 (C05) 20:09 (C05)
25	07:16 17:05	06:40 17:43	17:07 (C06) 17:21 (C06)	05:55 18:15	06:05 19:48	05:32 20:18	19:28 (C05) 19:53 (C05)	05:26 20:35	40	19:29 (C05) 20:09 (C05)
26	07:15 17:06	06:39 17:44	17:07 (C06) 17:23 (C06)	05:53 18:16	06:04 19:49	05:32 20:19	19:28 (C05) 19:54 (C05)	05:27 20:35	40	19:29 (C05) 20:09 (C05)
27	07:14 17:08	06:37 17:46	17:06 (C06) 17:24 (C06)	05:51 18:17	06:03 19:50	05:31 20:20	19:27 (C05) 19:55 (C05)	05:27 20:35	40	19:30 (C05) 20:10 (C05)
28	07:14 17:09	06:36 17:47	17:06 (C06) 17:26 (C06)	05:50 18:18	06:01 19:51	05:30 20:20	19:27 (C05) 19:56 (C05)	05:27 20:35	39	19:30 (C05) 20:09 (C05)
29	07:13 17:10		06:48 19:19		06:00 19:52	05:30 20:21	19:26 (C05) 19:56 (C05)	05:28 20:35	39	19:30 (C05) 20:09 (C05)
30	07:12 17:11		06:46 19:20		05:59 19:53	05:29 20:22	19:27 (C05) 19:58 (C05)	05:28 20:35	38	19:31 (C05) 20:09 (C05)
31	07:11 17:13		06:45 19:21			05:29 20:23	19:26 (C05) 19:58 (C05)			
Ore potenziali eliofania	297	297	369	399	449	32	453			
Totale, caso peggiore		98	272		359		1149			

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 46 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (20)
Assunzioni sui calcoli d'ombra

- I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio		Agosto		Settembre		Ottobre		Novembre		Dicembre	
1	05:29		19:30 (C05)	05:53	06:24	06:54	17:57 (C06)	06:28	07:03			
	20:35	39	20:09 (C05)	20:16	19:32	18:42	18:01 (C06)	16:55	16:31			
2	05:29		19:31 (C05)	05:54	06:25	06:55	17:51 (C06)	06:29	07:04			
	20:35	38	20:09 (C05)	20:15	19:31	18:40	18:05 (C06)	16:54	16:30			
3	05:30		19:31 (C05)	05:55	06:26	06:56	17:48 (C06)	06:30	07:05			
	20:34	38	20:09 (C05)	20:13	19:29	18:38	18:08 (C06)	16:53	16:30			
4	05:30		19:32 (C05)	05:56	06:27	06:57	17:46 (C06)	06:32	07:06			
	20:34	37	20:09 (C05)	20:12	19:28	18:37	18:09 (C06)	16:51	16:30			
5	05:31		19:32 (C05)	05:57	06:28	06:58	17:44 (C06)	06:33	07:07			
	20:34	37	20:09 (C05)	20:11	19:26	18:35	18:10 (C06)	16:50	16:30			
6	05:31		19:32 (C05)	05:58	06:29	06:59	17:43 (C06)	06:34	07:08			
	20:34	36	20:08 (C05)	20:10	19:24	18:33	18:11 (C06)	16:49	16:29			
7	05:32		19:33 (C05)	05:59	06:30	07:00	17:42 (C06)	06:35	07:09			
	20:33	35	20:08 (C05)	20:09	19:23	18:32	18:09 (C06)	16:48	16:29			
8	05:33		19:32 (C05)	06:00	06:31	07:01	17:40 (C06)	06:36	07:10			
	20:33	35	20:07 (C05)	20:07	19:21	18:30	18:07 (C06)	16:47	16:29			
9	05:33		19:33 (C05)	06:01	06:32	07:02	17:40 (C06)	06:38	07:11			
	20:33	35	20:08 (C05)	20:06	19:19	18:29	18:05 (C06)	16:46	16:29			
10	05:34		19:34 (C05)	06:02	06:33	07:03	17:39 (C06)	06:39	07:12			
	20:32	34	20:08 (C05)	20:05	19:17	18:27	18:04 (C06)	16:45	16:29			
11	05:35		19:33 (C05)	06:03	06:34	07:04	17:39 (C06)	06:40	07:12			
	20:32	33	20:06 (C05)	20:04	19:16	18:25	18:03 (C06)	16:44	16:29			
12	05:35		19:34 (C05)	06:04	06:35	07:05	17:39 (C06)	06:41	07:13			
	20:31	32	20:06 (C05)	20:02	19:14	18:24	18:01 (C06)	16:43	16:30			
13	05:36		19:35 (C05)	06:05	06:36	07:06	17:39 (C06)	06:42	07:14			
	20:31	31	20:06 (C05)	20:01	19:12	18:22	17:59 (C06)	16:42	16:30			
14	05:37		19:36 (C05)	06:06	06:37	07:08	17:39 (C06)	06:44	07:15			
	20:30	30	20:06 (C05)	20:00	19:11	18:21	17:58 (C06)	16:41	16:30			
15	05:38		19:35 (C05)	06:07	06:38	07:09	17:39 (C06)	06:45	07:16			
	20:30	30	20:05 (C05)	19:58	19:09	18:19	17:56 (C06)	16:40	16:30			
16	05:38		19:36 (C05)	06:08	06:39	07:10	17:39 (C06)	06:46	07:16			
	20:29	28	20:04 (C05)	19:57	19:07	18:17	17:54 (C06)	16:39	16:30			
17	05:39		19:37 (C05)	06:09	06:40	07:11	17:39 (C06)	06:47	07:17			
	20:29	27	20:04 (C05)	19:55	19:06	18:16	17:52 (C06)	16:38	16:31			
18	05:40		19:38 (C05)	06:10	06:41	07:12	17:41 (C06)	06:48	07:18			
	20:28	26	20:04 (C05)	19:54	19:04	18:14	17:52 (C06)	16:38	16:31			
19	05:41		19:37 (C05)	06:11	06:42	07:13	17:42 (C06)	06:49	07:18			
	20:27	25	20:02 (C05)	19:53	19:02	18:13	17:50 (C06)	16:37	16:31			
20	05:42		19:38 (C05)	06:12	06:43	07:14	17:43 (C06)	06:51	07:19			
	20:27	24	20:02 (C05)	19:51	19:00	18:11	17:48 (C06)	16:36	16:32			
21	05:43		19:39 (C05)	06:13	06:44	07:15	17:44 (C06)	06:52	07:19			
	20:26	22	20:01 (C05)	19:50	18:59	18:10	17:47 (C06)	16:35	16:32			
22	05:43		19:40 (C05)	06:14	06:45	07:16		06:53	07:20			
	20:25	21	20:01 (C05)	19:48	18:57	18:08		16:35	16:33			
23	05:44		19:41 (C05)	06:15	06:46	07:18		06:54	07:21			
	20:24	19	20:00 (C05)	19:47	18:55	18:07		16:34	16:33			
24	05:45		19:43 (C05)	06:16	06:47	07:19		06:55	07:21			
	20:23	16	19:59 (C05)	19:45	18:54	18:06		16:34	16:34			
25	05:46		19:44 (C05)	06:17	06:48	06:20		06:56	07:21			
	20:22	15	19:59 (C05)	19:44	18:52	17:04		16:33	16:34			
26	05:47		19:45 (C05)	06:18	06:49	06:21		06:58	07:22			
	20:22	12	19:57 (C05)	19:42	18:50	17:03		16:33	16:35			
27	05:48		19:46 (C05)	06:19	06:50	06:22		06:59	07:22			
	20:21	10	19:56 (C05)	19:40	18:49	17:01		16:32	16:36			
28	05:49		19:48 (C05)	06:20	06:51	06:23		07:00	07:22			
	20:20	7	19:55 (C05)	19:39	18:47	17:00		16:32	16:36			
29	05:50		19:52 (C05)	06:21	06:52	06:24		07:01	07:23			
	20:19	3	19:55 (C05)	19:37	18:45	16:59		16:31	16:37			
30	05:51			06:22	06:53	06:26		07:02	07:23			
	20:18			19:36	18:43	16:58		16:31	16:38			
31	05:52			06:23		06:27			07:23			
	20:17			19:34		16:56			16:38			
Ore potenziali eliofanìa	459			428		375		345		298		288
Totale, caso peggiore		775					376					

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 47 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (21)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre	
1	07:23 16:40	07:10 17:14	06:34 17:48	06:43 19:22	05:57 19:54	05:28 20:24	05:29 20:35	05:53 20:16	06:24 19:32	06:54 18:42	17:55 (C06) 18:19 (C06)	06:28 16:55	07:03 16:31
2	07:24 16:40	07:09 17:15	06:32 17:49	06:41 19:23	05:56 19:55	05:28 20:24	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40	17:55 (C06) 18:18 (C06)	06:29 16:54	07:04 16:30
3	07:24 16:41	07:08 17:16	06:31 17:50	06:40 19:24	05:55 19:56	05:27 20:25	05:30 20:34	05:55 20:13	06:26 19:29	06:56 18:38	17:55 (C06) 18:16 (C06)	06:30 16:53	07:05 16:30
4	07:24 16:42	07:07 17:18	06:29 17:51	17:27 (C06) 06:38	19:25 19:57	20:26 20:26	20:34 20:34	20:12 20:12	19:28 19:28	18:37 18:37	19:19 18:14 (C06)	16:51 16:30	07:06 16:30
5	07:24 16:43	07:06 17:19	06:28 17:53	17:24 (C06) 06:37	19:25 19:58	20:27 20:27	20:34 20:34	20:11 20:11	19:26 19:26	18:35 18:35	17:55 (C06) 18:12 (C06)	06:33 16:50	07:07 16:30
6	07:24 16:44	07:05 17:20	06:26 17:54	17:22 (C06) 06:35	19:26 19:58	20:27 20:27	20:34 20:34	20:10 20:10	19:24 19:24	18:33 18:33	17:55 (C06) 18:11 (C06)	06:34 16:49	07:08 16:29
7	07:24 16:45	07:04 17:21	06:25 17:55	17:20 (C06) 06:33	19:27 19:59	20:27 20:27	20:34 20:34	20:09 20:09	19:24 19:24	18:33 18:33	17:55 (C06) 18:09 (C06)	06:35 16:48	07:09 16:29
8	07:24 16:46	07:03 17:23	06:23 17:56	17:19 (C06) 06:32	19:29 19:30	20:28 20:28	20:33 20:33	20:09 20:07	19:23 19:21	18:32 18:30	18:09 (C06) 18:07 (C06)	06:36 16:47	07:10 16:29
9	07:23 16:47	07:01 17:24	06:21 17:57	17:18 (C06) 06:30	19:30 19:31	20:28 20:29	20:33 20:33	20:07 20:06	19:21 19:19	18:30 18:29	18:07 (C06) 18:05 (C06)	06:38 16:46	07:11 16:29
10	07:23 16:48	07:00 17:25	06:20 17:58	17:17 (C06) 06:28	19:31 19:32	20:29 20:30	20:33 20:32	20:06 20:05	19:19 19:17	18:29 18:27	18:05 (C06) 18:04 (C06)	06:39 16:45	07:12 16:29
11	07:23 16:49	06:59 17:26	06:18 17:59	17:16 (C06) 06:27	19:33 19:33	20:30 20:30	20:32 20:32	20:05 20:04	19:17 19:16	18:27 18:25	18:04 (C06) 18:03 (C06)	06:40 16:44	07:12 16:29
12	07:23 16:50	06:58 17:28	06:17 18:00	17:15 (C06) 06:25	19:34 19:34	20:30 20:31	20:32 20:31	20:04 20:02	19:16 19:14	18:25 18:24	18:03 (C06) 18:02 (C06)	06:41 16:43	07:13 16:30
13	07:22 16:51	06:57 17:29	06:15 18:02	17:39 (C06) 06:24	19:34 19:35	20:31 20:31	20:31 20:31	20:02 20:01	19:14 19:12	18:24 18:22	18:02 (C06) 18:01 (C06)	06:42 16:42	07:14 16:30
14	07:22 16:52	06:55 17:30	06:13 18:03	17:41 (C06) 06:22	19:35 19:36	20:31 20:32	20:31 20:30	20:01 20:00	19:12 19:11	18:22 18:21	18:01 (C06) 18:00 (C06)	06:43 16:41	07:15 16:30
15	07:22 16:53	06:54 17:31	06:12 18:04	17:42 (C06) 06:20	19:36 19:37	20:32 20:32	20:30 20:30	20:00 19:58	19:11 19:09	18:21 18:19	18:00 (C06) 18:00 (C06)	06:44 16:40	07:16 16:30
16	07:21 16:54	06:53 17:32	06:10 18:05	17:14 (C06) 06:20	19:37 19:38	20:32 20:32	20:30 20:29	19:58 19:57	19:09 19:07	18:19 18:17	18:00 (C06) 18:00 (C06)	06:45 16:39	07:16 16:30
17	07:21 16:56	06:51 17:34	06:08 18:06	17:44 (C06) 06:17	19:38 19:39	20:32 20:33	20:29 20:29	19:57 19:55	19:07 19:06	18:17 18:16	18:00 (C06) 18:00 (C06)	06:46 16:38	07:17 16:31
18	07:20 16:57	06:50 17:35	06:07 18:07	17:15 (C06) 06:16	19:39 19:40	20:33 20:33	20:29 20:28	19:55 19:54	19:06 19:04	18:16 18:14	18:00 (C06) 18:00 (C06)	06:47 16:38	07:18 16:31
19	07:20 16:58	06:49 17:36	06:05 18:08	17:46 (C06) 06:14	19:40 19:41	20:33 20:33	20:27 20:27	19:53 19:53	19:02 19:02	18:14 18:13	18:00 (C06) 18:00 (C06)	06:48 16:37	07:18 16:31
20	07:19 16:59	06:47 17:37	06:03 18:09	17:16 (C06) 06:13	19:41 19:42	20:33 20:34	20:27 20:27	19:53 19:51	19:02 19:00	18:13 18:11	18:00 (C06) 18:00 (C06)	06:49 16:36	07:19 16:32
21	07:19 17:00	06:46 17:39	06:02 18:10	17:17 (C06) 06:11	19:42 19:43	20:34 20:34	20:26 20:26	19:50 19:50	18:59 18:59	18:10 18:10	18:00 (C06) 18:00 (C06)	06:50 16:35	07:19 16:32
22	07:18 17:01	06:44 17:40	06:00 18:11	17:42 (C06) 06:10	19:43 19:45	20:34 20:34	20:26 20:25	19:50 19:48	18:59 18:57	18:10 18:08	18:00 (C06) 18:00 (C06)	06:51 16:35	07:19 16:33
23	07:17 17:03	06:43 17:41	05:58 18:12	17:18 (C06) 06:10	19:45 19:46	20:34 20:34	20:25 20:24	19:48 19:47	18:57 18:55	18:08 18:07	18:00 (C06) 18:00 (C06)	06:52 16:34	07:20 16:33
24	07:17 17:04	06:42 17:42	05:57 18:14	17:21 (C06) 06:08	19:46 19:47	20:34 20:35	20:24 20:23	19:47 19:45	18:56 18:54	18:07 18:06	18:00 (C06) 18:00 (C06)	06:53 16:34	07:21 16:34
25	07:16 17:05	06:40 17:43	05:55 18:15	17:34 (C06) 06:05	19:47 19:48	20:35 20:35	20:23 20:22	19:45 19:44	18:54 18:52	18:06 18:04	18:00 (C06) 18:00 (C06)	06:54 16:33	07:21 16:34
26	07:15 17:06	06:39 17:44	05:53 18:16	06:05 19:48	19:49 19:50	20:35 20:35	20:22 20:22	19:44 19:42	18:52 18:50	18:04 18:03	18:00 (C06) 18:00 (C06)	06:55 16:33	07:22 16:35
27	07:14 17:08	06:37 17:46	05:52 18:17	06:06 19:49	19:50 19:51	20:35 20:35	20:22 20:21	19:44 19:40	18:51 18:49	18:03 18:02	18:00 (C06) 18:00 (C06)	06:56 16:32	07:22 16:36
28	07:14 17:09	06:36 17:47	05:50 18:18	06:07 19:50	19:51 19:52	20:35 20:35	20:21 20:20	19:40 19:39	18:49 18:47	18:01 18:00	18:00 (C06) 18:00 (C06)	06:57 16:32	07:22 16:36
29	07:13 17:10	06:35 17:48	05:48 18:19	06:08 19:51	19:52 19:53	20:35 20:35	20:20 20:19	19:39 19:37	18:47 18:45	18:00 18:00	18:00 (C06) 18:00 (C06)	06:58 16:31	07:23 16:37
30	07:12 17:11	06:34 17:49	05:46 18:20	06:09 19:52	19:54 19:55	20:35 20:35	20:19 20:18	19:37 19:36	18:45 18:43	18:00 18:00	18:00 (C06) 18:00 (C06)	06:59 16:31	07:23 16:38
31	07:11 17:13	06:33 17:50	05:45 18:21	06:10 19:53	19:55 20:23	20:35 20:35	20:18 20:17	19:36 19:34	18:43 18:42	18:00 18:00	18:00 (C06) 18:00 (C06)	06:59 16:56	07:23 16:38
Ore potenziali eliofanìa	297	297	369	437	399	449	453	459	428	375	295	345	288
Totale, caso peggiore													

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 48 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (22)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre	
1	07:23 16:40	07:10 17:14	06:34 17:48	06:43 19:22	18:31 (C06) 19:54	05:57 20:24	05:28 20:35	05:29 20:16	05:53 19:32	06:24 13 18:50 (C06)	06:54 18:42	06:28 16:55	07:03 16:31
2	07:24 16:40	07:09 17:15	06:32 17:49	06:41 19:23	18:31 (C06) 19:55	05:56 20:24	05:28 20:35	05:29 20:15	05:54 19:31	06:25 18 18:52 (C06)	06:55 18:40	06:29 16:54	07:04 16:30
3	07:24 16:41	07:08 17:16	06:31 17:50	06:40 19:24	18:30 (C06) 19:56	05:55 20:25	05:27 20:34	05:30 20:13	05:55 19:29	06:26 22 18:54 (C06)	06:56 18:38	06:30 16:53	07:05 16:30
4	07:24 16:42	07:07 17:18	06:29 17:51	06:38 19:25	18:31 (C06) 19:57	05:53 20:26	05:27 20:34	05:30 20:12	05:56 19:28	06:27 25 18:55 (C06)	06:57 18:37	06:32 16:51	07:06 16:30
5	07:24 16:43	07:06 17:19	06:28 17:53	06:37 19:26	18:31 (C06) 19:58	05:52 20:27	05:27 20:34	05:31 20:11	05:57 19:26	06:28 27 18:56 (C06)	06:58 18:35	06:33 16:50	07:07 16:30
6	07:24 16:44	07:05 17:20	06:26 17:54	06:35 19:27	18:31 (C06) 19:59	05:51 20:27	05:26 20:34	05:31 20:10	05:58 19:24	06:29 30 18:57 (C06)	06:59 18:33	06:34 16:49	07:08 16:29
7	07:24 16:45	07:04 17:21	06:25 17:55	06:33 19:29	18:33 (C06) 20:00	05:50 20:28	05:26 20:33	05:32 20:09	05:59 19:23	06:30 31 18:57 (C06)	07:00 18:32	06:35 16:48	07:09 16:29
8	07:24 16:46	07:03 17:23	06:23 17:56	06:32 19:30	18:33 (C06) 20:01	05:49 20:28	05:26 20:33	06:00 20:07	06:31 19:21	31 18:58 (C06)	07:01 18:30	06:36 16:47	07:10 16:29
9	07:23 16:47	07:01 17:24	06:21 17:57	06:30 19:31	18:35 (C06) 20:02	05:47 20:29	05:26 20:33	06:01 20:06	06:32 19:19	33 18:57 (C06)	07:02 18:29	06:38 16:46	07:11 16:29
10	07:23 16:48	07:00 17:25	06:20 17:58	06:28 19:32	18:36 (C06) 20:03	05:46 20:30	05:25 20:32	06:02 20:05	06:33 19:17	33 18:57 (C06)	07:03 18:27	06:39 16:45	07:12 16:29
11	07:23 16:49	06:59 17:26	06:18 17:59	06:27 19:33	18:39 (C06) 20:05	05:45 20:30	05:25 20:32	06:03 20:04	06:34 19:16	31 18:55 (C06)	07:04 18:25	06:40 16:44	07:12 16:29
12	07:23 16:50	06:58 17:28	06:17 18:00	06:25 19:34	18:51 (C06) 20:06	05:44 20:31	05:25 20:31	06:04 20:02	06:35 19:14	31 18:54 (C06)	07:05 18:24	06:41 16:43	07:13 16:30
13	07:22 16:51	06:57 17:29	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31	05:36 20:31	06:05 20:01	06:36 19:12	29 18:52 (C06)	07:06 18:23	06:42 16:42	07:14 16:30
14	07:22 16:52	06:55 17:30	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32	05:37 20:30	06:06 20:00	06:37 19:11	27 18:50 (C06)	07:08 18:23 (C06)	06:44 16:41	07:15 16:30
15	07:22 16:53	06:54 17:31	06:12 18:04	06:20 19:37	05:41 20:09	05:25 20:32	05:38 20:30	06:07 19:58	06:38 19:09	26 18:49 (C06)	07:09 18:23 (C06)	06:45 16:40	07:16 16:30
16	07:21 16:54	06:53 17:32	06:10 18:05	06:19 19:38	05:40 20:10	05:25 20:32	05:38 20:29	06:08 19:57	06:39 19:07	24 18:47 (C06)	07:10 18:23 (C06)	06:46 16:39	07:16 16:30
17	07:21 16:56	06:51 17:34	06:08 18:06	06:17 19:39	05:39 20:10	05:25 20:33	05:39 20:29	06:09 19:55	06:40 19:06	22 18:45 (C06)	07:11 18:44 (C06)	06:47 16:38	07:17 16:31
18	07:20 16:57	06:50 17:35	06:07 18:07	06:16 19:40	05:38 20:11	05:25 20:33	05:40 20:28	06:10 19:54	06:41 19:04	21 18:44 (C06)	07:12 18:24 (C06)	06:48 16:38	07:18 16:31
19	07:20 16:58	06:49 17:36	06:05 18:08	06:14 19:41	05:37 20:12	05:25 20:33	05:41 20:27	06:11 19:53	06:42 19:02	18 18:42 (C06)	07:13 18:40 (C06)	06:49 16:37	07:18 16:31
20	07:19 16:59	06:47 17:37	06:03 18:09	06:13 19:42	05:36 20:13	05:25 20:34	05:42 20:27	06:12 19:51	06:43 19:00	15 18:40 (C06)	07:14 18:26 (C06)	06:51 16:36	07:19 16:32
21	07:19 17:00	06:46 17:39	06:02 18:10	06:11 19:43	17:46 (C06) 17:49 (C06)	05:43 20:34	05:43 20:26	06:13 19:50	06:44 18:59	12 18:38 (C06)	07:15 18:28 (C06)	06:52 16:35	07:19 16:32
22	07:18 17:01	06:44 17:40	06:00 18:11	06:10 19:45	17:42 (C06) 17:50 (C06)	05:43 20:34	05:43 20:25	06:14 19:48	06:45 18:57	9 18:37 (C06)	07:16 18:30 (C06)	06:53 16:35	07:20 16:33
23	07:17 17:03	06:43 17:41	05:58 18:12	06:08 19:46	17:40 (C06) 17:52 (C06)	05:44 20:34	05:44 20:24	06:15 19:47	06:46 18:55	5 18:35 (C06)	07:18 18:45 (C06)	06:54 16:34	07:21 16:33
24	07:17 17:04	06:42 17:42	05:57 18:14	06:07 19:47	17:38 (C06) 17:52 (C06)	05:45 20:35	05:45 20:23	06:16 19:45	06:47 18:54	14 18:42 (C06)	07:19 18:24 (C06)	06:55 16:34	07:21 16:34
25	07:16 17:05	06:40 17:43	05:55 18:15	06:05 19:48	17:36 (C06) 17:53 (C06)	05:46 20:35	05:46 20:22	06:17 19:44	06:48 18:52	17 18:40 (C06)	07:20 18:25 (C06)	06:56 16:33	07:21 16:34
26	07:15 17:06	06:39 17:44	05:53 18:16	06:04 19:49	17:35 (C06) 17:56 (C06)	05:47 20:35	05:47 20:22	06:18 19:42	06:49 18:50	20 18:38 (C06)	07:21 18:26 (C06)	06:57 16:33	07:22 16:35
27	07:14 17:08	06:37 17:46	05:52 18:17	06:03 19:50	17:34 (C06) 17:56 (C06)	05:48 20:35	05:48 20:21	06:19 19:40	06:50 18:49	22 18:36 (C06)	07:22 18:27 (C06)	06:58 16:32	07:22 16:36
28	07:14 17:09	06:36 17:47	05:50 18:18	06:01 19:51	17:33 (C06) 17:56 (C06)	05:49 20:35	05:49 20:20	06:20 19:39	06:51 18:47	23 18:34 (C06)	07:23 18:28 (C06)	06:59 16:32	07:22 16:36
29	07:13 17:10	06:48 19:19	06:48 19:19	06:00 19:52	18:32 (C06) 18:58 (C06)	05:50 20:35	05:50 20:19	06:21 19:37	06:52 18:45	26 18:32 (C06)	07:24 18:29 (C06)	07:00 16:31	07:23 16:37
30	07:12 17:11	06:46 19:20	06:46 19:20	05:59 19:53	18:32 (C06) 18:59 (C06)	05:59 20:35	05:59 20:18	06:22 19:36	06:53 18:43	27 18:30 (C06)	07:25 18:30 (C06)	07:01 16:31	07:23 16:38
31	07:11 17:13	06:45 19:21	06:45 19:21	05:59 19:00 (C06)	18:31 (C06)	05:59	05:52	06:23	06:54	29 18:28 (C06)	07:26 16:56	07:02 16:38	07:23 16:38
Ore potenziali eliofanìa	297	297	369	399	449	452	459	428	375	502	345	298	288
Totale, caso peggiore			201	292									

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 54 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (23)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo		Aprile		Maggio		Giugno		
1	07:24 16:40	07:10 17:14	06:34 17:48		06:43 19:22	12	07:24 (C07) 07:36 (C07)	05:57 19:54	8	19:03 (C04) 19:11 (C04)	05:28 20:24
2	07:24 16:40	07:09 17:15	06:33 17:49		06:42 19:23			05:56 19:55			05:28 20:24
3	07:24 16:41	07:08 17:16	06:31 17:50		06:40 19:24			05:55 19:56			05:28 20:25
4	07:24 16:42	07:07 17:18	06:29 17:52		06:38 19:25			05:53 19:57			05:27 20:26
5	07:24 16:43	07:06 17:19	06:28 17:53		06:37 19:26			05:52 19:58			05:27 20:27
6	07:24 16:44	07:05 17:20	06:26 17:54		06:35 19:28			05:51 19:59			05:26 20:27
7	07:24 16:45	07:04 17:21	06:25 17:55		06:33 19:29			05:50 20:00			05:26 20:28
8	07:24 16:46	07:03 17:23	06:23 17:56		06:32 19:30			05:49 20:01			05:26 20:29
9	07:23 16:47	07:02 17:24	06:21 17:57		06:30 19:31			05:47 20:03			05:26 20:29
10	07:23 16:48	07:00 17:25	06:20 17:58		06:28 19:32			05:46 20:04			05:25 20:30
11	07:23 16:49	06:59 17:26	06:18 17:59		06:27 19:33			05:45 20:05			05:25 20:30
12	07:23 16:50	06:58 17:28	06:17 18:01	3	06:40 (C07) 06:35 (C07)			19:33 06:25			20:30 05:25
13	07:22 16:51	06:57 17:29	06:15 18:02	9	06:44 (C07) 06:34 (C07)			19:34 06:24			20:31 05:25
14	07:22 16:52	06:55 17:30	06:13 18:03	13	06:47 (C07) 06:32 (C07)			19:35 06:22			20:31 05:25
15	07:22 16:53	06:54 17:31	06:12 18:04	16	06:48 (C07) 06:30 (C07)			19:36 06:21	9	19:14 (C04) 19:02 (C04)	20:08 05:41
16	07:21 16:55	06:53 17:33	06:10 18:05	19	06:49 (C07) 06:29 (C07)			19:37 06:19	13	19:15 (C04) 19:01 (C04)	20:09 05:40
17	07:21 16:56	06:51 17:34	06:08 18:06	21	06:50 (C07) 06:27 (C07)			19:38 06:17	16	19:17 (C04) 18:59 (C04)	20:10 05:39
18	07:20 16:57	06:50 17:35	06:07 18:07	23	06:50 (C07) 06:25 (C07)			19:39 06:16	18	19:17 (C04) 18:58 (C04)	20:11 05:38
19	07:20 16:58	06:49 17:36	06:05 18:08	25	06:50 (C07) 06:24 (C07)			19:40 06:14	21	19:19 (C04) 18:57 (C04)	20:12 05:37
20	07:19 16:59	06:47 17:37	06:03 18:09	27	06:51 (C07) 06:22 (C07)			19:41 06:13	22	19:19 (C04) 18:57 (C04)	20:12 05:36
21	07:19 17:00	06:46 17:39	06:02 18:10	29	06:51 (C07) 06:20 (C07)			19:42 06:11	24	19:21 (C04) 18:56 (C04)	20:13 05:36
22	07:18 17:02	06:45 17:40	06:00 18:11	31	06:51 (C07) 06:19 (C07)			19:44 06:10	25	19:21 (C04) 18:56 (C04)	20:14 05:35
23	07:17 17:03	06:43 17:41	05:58 18:13	32	06:51 (C07) 06:17 (C07)			19:45 06:08	25	19:21 (C04) 18:55 (C04)	20:15 05:34
24	07:17 17:04	06:42 17:42	05:57 18:14	33	06:50 (C07) 06:15 (C07)			19:46 06:07	25	19:20 (C04) 18:56 (C04)	20:16 05:33
25	07:16 17:05	06:40 17:43	05:55 18:15	34	06:49 (C07) 06:15 (C07)			19:47 06:06	24	19:20 (C04) 18:56 (C04)	20:17 05:33
26	07:15 17:06	06:39 17:45	05:53 18:16	33	06:48 (C07) 06:16 (C07)			19:48 06:04	24	19:20 (C04) 18:56 (C04)	20:18 05:32
27	07:15 17:08	06:37 17:46	05:52 18:17	32	06:48 (C07) 06:46 (C07)			19:49 19:50	22	19:18 (C04) 19:18 (C04)	20:19 20:20
28	07:14 17:09	06:36 17:47	05:50 18:18	30	06:46 (C07) 06:17 (C07)			19:50 06:01	21	19:18 (C04) 18:58 (C04)	20:20 05:31
29	07:13 17:10		06:48 19:19	28	06:45 (C07) 07:18 (C07)			19:51 06:00	19	19:17 (C04) 18:58 (C04)	20:21 05:30
30	07:12 17:11		06:47 19:20	26	07:44 (C07) 07:19 (C07)			19:52 05:59	17	19:15 (C04) 19:00 (C04)	20:21 05:29
31	07:11 17:13		06:45 19:21	23	07:42 (C07) 07:21 (C07)			19:53 07:39 (C07)	13	19:13 (C04)	20:22 05:28
Ore potenziali eliofanìa	297	297	369		399	350		448	8		452
Totale, caso peggiore				505							

Legenda della tabella:

Giorno del mese	Alba (hh:mm)	Inizio ombreggiamento (hh:mm)	(WTG che provoca l'inizio dell'ombreggiamento)
	Tramonto (hh:mm)Minuti d'ombra	Fine ombreggiamento (hh:mm)	(WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 54 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (23)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

Il sole splende tutto il di, dall'alba al tramonto

Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole

La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre		
1	05:29	05:53	06:24	06:54	07:14 (C07)	06:28	07:03	
	20:35	20:16	19:32	18:42	18:24 (C07)	16:55	16:31	
2	05:29	05:54	06:25	06:55	07:15 (C07)	06:29	07:04	
	20:35	20:15	19:31	18:40	18:21 (C07)	16:54	16:30	
3	05:30	05:55	06:26	06:56	07:16 (C07)	06:30	07:05	
	20:34	20:13	19:29	18:38		16:53	16:30	
4	05:30	05:56	06:27	06:57		06:32	07:06	
	20:34	20:12	19:28	18:37		16:51	16:30	
5	05:31	05:57	06:28	06:58		06:33	07:07	
	20:34	20:11	19:26	18:35		16:50	16:30	
6	05:32	05:58	06:29	06:59		06:34	07:08	
	20:34	20:10	19:24	18:34		16:49	16:30	
7	05:32	05:59	06:30	07:00		06:35	07:09	
	20:33	20:09	19:23	18:32		16:48	16:29	
8	05:33	06:00	06:31	07:01		06:36	07:10	
	20:33	20:08	19:21	18:30		16:47	16:29	
9	05:33	06:01	06:32	07:02		06:38	07:11	
	20:33	20:06	19:19	18:29		16:46	16:29	
10	05:34	06:02	06:33	07:03		06:39	07:12	
	20:32	20:05	19:18	18:27		16:45	16:29	
11	05:35	06:03	06:34	07:16 (C07)	07:04	06:40	07:13	
	20:32	20:04	19:16	18:25	12 07:28 (C07)	16:44	16:30	
12	05:36	06:04	19:10 (C04)	06:35	07:13 (C07)	07:05	07:13	
	20:31	20:02	19:20 (C04)	19:14	18 07:31 (C07)	18:24	16:43	16:30
13	05:36	06:05	19:08 (C04)	06:36	07:11 (C07)	07:06	06:42	07:14
	20:31	20:01	19:22 (C04)	19:12	22 07:33 (C07)	18:22	16:42	16:30
14	05:37	06:06	19:06 (C04)	06:37	07:09 (C07)	07:08	06:44	07:15
	20:30	20:00	19:23 (C04)	19:11	25 07:34 (C07)	18:21	16:41	16:30
15	05:38	06:07	19:05 (C04)	06:38	07:07 (C07)	07:09	06:45	07:16
	20:30	19:58	19:24 (C04)	19:09	28 07:35 (C07)	18:19	16:40	16:30
16	05:39	06:08	19:03 (C04)	06:39	07:06 (C07)	07:10	06:46	07:16
	20:29	19:57	19:25 (C04)	19:07	30 07:36 (C07)	18:18	16:39	16:30
17	05:39	06:09	19:03 (C04)	06:40	07:05 (C07)	07:11	06:47	07:17
	20:29	19:55	19:25 (C04)	19:06	31 07:36 (C07)	18:16	16:38	16:31
18	05:40	06:10	19:02 (C04)	06:41	07:04 (C07)	07:12	06:48	07:18
	20:28	19:54	19:26 (C04)	19:04	32 07:36 (C07)	18:14	16:38	16:31
19	05:41	06:11	19:01 (C04)	06:42	07:03 (C07)	07:13	06:50	07:18
	20:27	19:53	19:26 (C04)	19:02	33 07:36 (C07)	18:13	16:37	16:31
20	05:42	06:12	19:01 (C04)	06:43	07:03 (C07)	07:14	06:51	07:19
	20:27	19:51	19:26 (C04)	19:01	33 07:36 (C07)	18:11	16:36	16:32
21	05:43	06:13	19:01 (C04)	06:44	07:04 (C07)	07:15	06:52	07:20
	20:26	19:50	19:26 (C04)	18:59	32 07:36 (C07)	18:10	16:36	16:32
22	05:44	06:14	19:01 (C04)	06:45	07:05 (C07)	07:16	06:53	07:20
	20:25	19:48	19:25 (C04)	18:57	31 07:36 (C07)	18:09	16:35	16:33
23	05:44	06:15	19:01 (C04)	06:46	07:06 (C07)	07:18	06:54	07:21
	20:24	19:47	19:24 (C04)	18:55	29 07:35 (C07)	18:07	16:34	16:33
24	05:45	06:16	19:01 (C04)	06:47	07:07 (C07)	07:19	06:55	07:21
	20:23	19:45	19:23 (C04)	18:54	28 07:35 (C07)	18:06	16:34	16:34
25	05:46	06:17	19:01 (C04)	06:48	07:08 (C07)	06:20	06:56	07:21
	20:23	19:44	19:21 (C04)	18:52	26 07:34 (C07)	17:04	16:33	16:34
26	05:47	06:18	19:02 (C04)	06:49	07:09 (C07)	06:21	06:58	07:22
	20:22	19:42	19:20 (C04)	18:50	24 07:33 (C07)	17:03	16:33	16:35
27	05:48	06:19	19:03 (C04)	06:50	07:10 (C07)	06:22	06:59	07:22
	20:21	19:40	19:18 (C04)	18:49	22 07:32 (C07)	17:02	16:32	16:36
28	05:49	06:20	19:04 (C04)	06:51	07:11 (C07)	06:23	07:00	07:23
	20:20	19:39	19:17 (C04)	18:47	20 07:31 (C07)	17:00	16:32	16:36
29	05:50	06:21	19:06 (C04)	06:52	07:12 (C07)	06:25	07:01	07:23
	20:19	19:37	19:15 (C04)	18:45	17 07:29 (C07)	16:59	16:31	16:37
30	05:51	06:22	06:53	07:13 (C07)	06:26	07:02	07:23	07:23
	20:18	19:36	18:44	14 07:27 (C07)	16:58	16:31	16:38	16:38
31	05:52	06:23			06:27		07:23	07:23
	20:17	19:34			16:56		16:39	16:39
Ore potenziali eliofanìa	459	428	375	345	298	288		
Totale, caso peggiore		347	507	16				

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 56 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (24)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:23 16:40	07:10 17:14	06:34 17:48	06:53 (C07) 06:43 17:11 (C07) 19:22		05:57 19:54
2	07:24 16:40	07:09 17:15	06:33 17:49	06:52 (C07) 06:42 07:14 (C07) 19:23		05:56 19:55
3	07:24 16:41	07:08 17:16	06:31 17:50	06:50 (C07) 06:40 07:15 (C07) 19:24		05:55 19:56
4	07:24 16:42	07:07 17:18	06:29 17:52	06:48 (C07) 06:38 07:16 (C07) 19:25		05:53 19:57
5	07:24 16:43	07:06 17:19	06:28 17:53	06:47 (C07) 06:37 07:18 (C07) 19:26		05:52 19:58
6	07:24 16:44	07:05 17:20	06:26 17:54	06:45 (C07) 06:35 07:19 (C07) 19:28	6	19:00 (C04) 05:51 19:06 (C04) 19:59
7	07:24 16:45	07:04 17:21	06:25 17:55	06:44 (C07) 06:33 07:20 (C07) 19:29	9	18:58 (C04) 05:50 19:07 (C04) 20:00
8	07:24 16:46	07:03 17:23	06:23 17:56	06:42 (C07) 06:32 07:20 (C07) 19:30	13	18:55 (C04) 05:49 19:08 (C04) 20:01
9	07:23 16:47	07:02 17:24	06:21 17:57	06:40 (C07) 06:30 07:20 (C07) 19:31	15	18:55 (C04) 05:47 19:10 (C04) 20:03
10	07:23 16:48	07:00 17:25	06:20 17:58	06:39 (C07) 06:28 07:21 (C07) 19:32	17	18:53 (C04) 05:46 19:10 (C04) 20:04
11	07:23 16:49	06:59 17:26	06:18 17:59	06:37 (C07) 06:27 07:21 (C07) 19:33	19	18:52 (C04) 05:45 19:11 (C04) 20:05
12	07:23 16:50	06:58 17:28	06:17 18:01	06:36 (C07) 06:25 07:21 (C07) 19:34	20	18:52 (C04) 05:44 19:12 (C04) 20:06
13	07:22 16:51	06:57 17:29	06:15 18:02	06:36 (C07) 06:24 07:21 (C07) 19:35	22	18:51 (C04) 05:43 19:13 (C04) 20:07
14	07:22 16:52	06:55 17:30	06:13 18:03	06:35 (C07) 06:22 07:21 (C07) 19:36	21	18:52 (C04) 05:42 19:13 (C04) 20:08
15	07:22 16:53	06:54 17:31	06:12 18:04	06:35 (C07) 06:21 07:20 (C07) 19:37	21	18:51 (C04) 05:41 19:12 (C04) 20:09
16	07:21 16:55	06:53 17:33	06:10 18:05	06:35 (C07) 06:19 07:20 (C07) 19:38	19	18:52 (C04) 05:40 19:11 (C04) 20:10
17	07:21 16:56	06:51 17:34	06:08 18:06	06:35 (C07) 06:17 07:19 (C07) 19:39	17	18:53 (C04) 05:39 19:10 (C04) 20:11
18	07:20 16:57	06:50 17:35	06:07 18:07	06:35 (C07) 06:16 07:18 (C07) 19:40	15	18:54 (C04) 05:38 19:09 (C04) 20:12
19	07:20 16:58	06:49 17:36	06:05 18:08	06:36 (C07) 06:14 07:18 (C07) 19:41	11	18:55 (C04) 05:37 19:06 (C04) 20:12
20	07:19 16:59	06:47 17:37	06:03 18:09	06:36 (C07) 06:13 07:16 (C07) 19:42	4	18:59 (C04) 05:36 19:03 (C04) 20:13
21	07:19 17:00	06:46 17:39	06:02 18:10	06:36 (C07) 06:11 07:15 (C07) 19:44		05:36 20:14
22	07:18 17:02	06:44 17:40	06:00 18:11	06:37 (C07) 06:10 07:14 (C07) 19:45		05:35 20:15
23	07:17 17:03	06:43 17:41	05:58 18:13	06:38 (C07) 06:08 07:12 (C07) 19:46		05:34 20:16
24	07:17 17:04	06:42 17:42	05:57 18:14	06:39 (C07) 06:07 07:10 (C07) 19:47		05:33 20:17
25	07:16 17:05	06:40 17:43	05:55 18:15	06:40 (C07) 06:06 07:08 (C07) 19:48		05:33 20:18
26	07:15 17:06	06:39 17:45	05:53 18:16	06:42 (C07) 06:04 07:06 (C07) 19:49		05:32 20:19
27	07:14 17:08	06:37 17:46	05:52 18:17	06:44 (C07) 06:03 07:03 (C07) 19:50		05:31 20:20
28	07:14 17:09	06:36 17:47	06:56 (C07) 05:50 07:08 (C07) 18:18	10	06:48 (C07) 06:01 06:58 (C07) 19:51	05:31 20:21
29	07:13 17:10		06:48 19:19		06:00 19:52	05:30 20:21
30	07:12 17:11		06:47 19:20		05:59 19:53	05:29 20:22
31	07:11 17:13		06:45 19:21			05:29 20:23
Ore potenziali eliofania	297	297	369	399	448	452
Totale, caso peggiore		12	975	229		

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 56 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (24)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre		
1	05:29	05:53	06:24	18:52 (C04)	06:54	07:15 (C07)	06:28	07:03
	20:35	20:16	19:32	19:11 (C04)	18:42	08:00 (C07)	16:55	16:31
2	05:29	05:54	06:25	18:51 (C04)	06:55	07:15 (C07)	06:29	07:04
	20:35	20:15	19:31	19:08 (C04)	18:40	08:00 (C07)	16:54	16:30
3	05:30	05:55	06:26	18:52 (C04)	06:56	07:16 (C07)	06:30	07:05
	20:34	20:13	19:29	19:07 (C04)	18:38	07:59 (C07)	16:53	16:30
4	05:30	05:56	06:27	18:52 (C04)	06:57	07:17 (C07)	06:32	07:06
	20:34	20:12	19:28	19:05 (C04)	18:37	07:58 (C07)	16:51	16:30
5	05:31	05:57	06:28	18:54 (C04)	06:58	07:18 (C07)	06:33	07:07
	20:34	20:11	19:26	19:03 (C04)	18:35	07:57 (C07)	16:50	16:30
6	05:32	05:58	06:29	18:56 (C04)	06:59	07:19 (C07)	06:34	07:08
	20:34	20:10	19:24	19:02 (C04)	18:33	07:56 (C07)	16:49	16:30
7	05:32	05:59	06:30		07:00	07:20 (C07)	06:35	07:09
	20:33	20:09	19:23		18:32	07:55 (C07)	16:48	16:29
8	05:33	06:00	06:31		07:01	07:21 (C07)	06:36	07:10
	20:33	20:08	19:21		18:30	07:54 (C07)	16:47	16:29
9	05:33	06:01	06:32		07:02	07:22 (C07)	06:38	07:11
	20:33	20:06	19:19		18:29	07:52 (C07)	16:46	16:29
10	05:34	06:02	06:33		07:03	07:23 (C07)	06:39	07:12
	20:32	20:05	19:18		18:27	07:50 (C07)	16:45	16:29
11	05:35	06:03	06:34		07:04	07:25 (C07)	06:40	07:13
	20:32	20:04	19:16		18:25	07:49 (C07)	16:44	16:29
12	05:36	06:04	06:35		07:05	07:26 (C07)	06:41	07:13
	20:31	20:02	19:14		18:24	07:46 (C07)	16:43	16:30
13	05:36	06:05	06:36		07:06	07:27 (C07)	06:42	07:14
	20:31	20:01	19:12		18:22	07:43 (C07)	16:42	16:30
14	05:37	06:06	06:37		07:08	07:31 (C07)	06:44	07:15
	20:30	20:00	19:11		18:21	07:37 (C07)	16:41	16:30
15	05:38	06:07	06:38	07:40 (C07)	07:09		06:45	07:16
	20:30	19:58	19:09	07:46 (C07)	18:19		16:40	16:30
16	05:39	06:08	06:39	07:34 (C07)	07:10		06:46	07:16
	20:29	19:57	19:07	07:51 (C07)	18:18		16:39	16:30
17	05:39	06:09	06:40	07:31 (C07)	07:11		06:47	07:17
	20:29	19:55	19:06	07:54 (C07)	18:16		16:38	16:31
18	05:40	06:10	06:41	07:28 (C07)	07:12		06:48	07:18
	20:28	19:54	19:04	07:56 (C07)	18:14		16:38	16:31
19	05:41	06:11	06:42	07:26 (C07)	07:13		06:50	07:18
	20:27	19:53	19:02	07:57 (C07)	18:13		16:37	16:31
20	05:42	06:12	06:43	07:25 (C07)	07:14		06:51	07:19
	20:27	19:51	19:01	07:58 (C07)	18:11		16:36	16:32
21	05:43	06:13	06:44	07:23 (C07)	07:15		06:52	07:20
	20:26	19:50	18:59	07:59 (C07)	18:10		16:35	16:32
22	05:44	06:14	06:45	07:22 (C07)	07:16		06:53	07:20
	20:25	19:48	18:57	08:00 (C07)	18:09		16:35	16:33
23	05:44	06:15	06:46	07:20 (C07)	07:18		06:54	07:21
	20:24	19:47	19:02 (C04)	07:07 (C07)	18:07		16:34	16:33
24	05:45	06:16	06:47	07:19 (C07)	07:19		06:55	07:21
	20:23	19:45	18:59 (C04)	07:19 (C07)	18:06		16:34	16:34
25	05:46	06:17	06:48	07:18 (C07)	06:20		06:56	07:21
	20:23	19:44	18:57 (C04)	07:18 (C07)	17:04		16:33	16:34
26	05:47	06:18	06:49	07:17 (C07)	06:21		06:58	07:22
	20:22	19:42	18:55 (C04)	07:17 (C07)	17:03		16:33	16:35
27	05:48	06:19	06:50	07:16 (C07)	06:22		06:59	07:22
	20:21	19:40	18:54 (C04)	07:16 (C07)	17:02		16:32	16:36
28	05:49	06:20	06:51	07:15 (C07)	06:23		07:00	07:23
	20:20	19:39	18:53 (C04)	07:15 (C07)	17:00		16:32	16:36
29	05:50	06:21	06:52	07:14 (C07)	06:25		07:01	07:23
	20:19	19:37	18:53 (C04)	07:14 (C07)	16:59		16:31	16:37
30	05:51	06:22	06:53	07:13 (C07)	06:26		07:02	07:23
	20:18	19:36	18:52 (C04)	07:13 (C07)	16:58		16:31	16:38
31	05:52	06:23	06:54	07:12 (C07)	06:27			07:23
	20:17	19:34	18:52 (C04)	07:12 (C04)	16:56			16:39
Ore potenziali eliofania	459	428	375	639	441	298	288	
Totale, caso peggiore			151	639	441	298	288	

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 58 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (25)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Giugno	Luglio	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:23 16:40	07:10 17:14	06:34 17:48	06:43 19:22	05:57 19:54		05:28 20:24	05:56 (C07) 20:35	05:29 58	05:57 (C07) 20:16	05:53 19:32	06:24 18:42	06:54 16:55	06:28 16:31
2	07:24 16:40	07:09 17:15	06:33 17:49	06:42 19:23	05:56 19:55		05:28 20:24	05:55 (C07) 20:35	05:29 57	05:58 (C07) 20:15	05:54 19:31	06:25 18:40	06:55 16:54	06:29 16:30
3	07:24 16:41	07:08 17:16	06:31 17:50	06:38 19:24	05:55 19:56		05:28 20:25	05:55 (C07) 20:34	05:30 57	05:59 (C07) 20:13	05:55 19:29	06:26 18:38	06:56 16:53	06:30 16:30
4	07:24 16:42	07:07 17:18	06:29 17:52	06:38 19:25	05:53 19:57		05:27 20:26	05:55 (C07) 20:34	05:30 56	05:59 (C07) 20:12	05:56 19:28	06:27 18:37	06:57 16:51	06:32 16:30
5	07:24 16:43	07:06 17:19	06:28 17:53	06:37 19:26	05:52 19:58		05:27 20:27	05:54 (C07) 20:34	05:31 55	05:59 (C07) 20:11	05:57 19:26	06:28 18:35	06:58 16:50	06:33 16:30
6	07:24 16:44	07:05 17:20	06:26 17:54	06:35 19:28	05:51 19:59		05:26 20:27	05:54 (C07) 20:34	05:32 55	06:00 (C07) 20:10	05:58 19:24	06:29 18:33	06:59 16:49	06:34 16:30
7	07:24 16:45	07:04 17:21	06:25 17:55	06:33 19:29	05:50 20:00		05:26 20:28	05:54 (C07) 20:33	05:32 54	06:01 (C07) 20:09	05:59 19:23	06:30 18:32	07:00 16:48	06:35 16:29
8	07:24 16:46	07:03 17:23	06:23 17:56	06:32 19:30	05:49 20:01		05:26 20:28	05:54 (C07) 20:33	05:33 53	06:01 (C07) 20:07	06:00 19:21	06:31 18:30	07:01 16:47	06:36 16:29
9	07:23 16:47	07:02 17:24	06:21 17:57	06:30 19:31	05:47 20:02		05:26 20:29	05:54 (C07) 20:33	05:33 52	06:02 (C07) 20:06	06:01 19:19	06:32 18:29	07:02 16:46	06:38 16:29
10	07:23 16:48	07:00 17:25	06:20 17:58	06:28 19:32	05:46 20:04		05:25 20:30	05:53 (C07) 20:32	05:34 51	06:03 (C07) 20:05	06:02 19:18	06:33 18:27	07:03 16:45	06:39 16:29
11	07:23 16:48	06:59 17:25	06:18 17:58	06:27 19:32	05:45 20:04		05:25 20:30	05:53 (C07) 20:32	05:35 51	06:03 (C07) 20:05	06:03 19:18	06:34 18:27	07:04 16:45	06:40 16:29
12	07:23 16:49	06:58 17:26	06:17 17:59	06:25 19:33	05:44 20:05		05:25 20:30	05:53 (C07) 20:32	05:36 50	06:04 (C07) 20:04	06:04 19:16	06:35 18:25	07:05 16:44	06:41 16:29
13	07:22 16:50	06:57 17:28	06:15 18:01	06:24 19:34	05:43 20:06		05:25 20:31	05:54 (C07) 20:31	05:36 49	06:05 (C07) 20:02	06:05 19:14	06:36 18:24	07:06 16:43	06:42 16:30
14	07:22 16:51	06:55 17:29	06:13 18:02	06:22 19:35	05:42 20:07		05:25 20:31	05:54 (C07) 20:31	05:37 48	06:06 (C07) 20:01	06:06 19:12	06:37 18:22	07:08 16:42	06:44 16:30
15	07:22 16:52	06:54 17:30	06:12 18:03	06:21 19:36	05:41 20:08		05:25 20:32	05:54 (C07) 20:30	05:38 47	06:06 (C07) 20:00	06:07 19:11	06:38 18:21	07:09 16:41	06:45 16:30
16	07:21 16:53	06:53 17:31	06:10 18:04	06:19 19:37	05:40 20:09		05:25 20:32	05:54 (C07) 20:30	05:39 45	06:07 (C07) 19:58	06:08 19:09	06:39 18:19	07:10 16:40	06:46 16:30
17	07:21 16:55	06:51 17:33	06:08 18:05	06:17 19:38	05:39 20:10		05:25 20:32	05:54 (C07) 20:29	05:39 44	06:08 (C07) 19:57	06:09 19:07	06:40 18:18	07:11 16:39	06:47 16:30
18	07:20 16:56	06:50 17:34	06:07 18:06	06:16 19:39	05:38 20:11		05:25 20:33	05:54 (C07) 20:29	05:40 42	06:10 (C07) 19:55	06:10 19:06	06:41 18:16	07:12 16:38	06:48 16:31
19	07:20 16:57	06:49 17:35	06:05 18:07	06:14 19:40	05:37 20:11	3	05:25 20:33	05:55 (C07) 20:28	05:41 39	06:11 (C07) 19:54	06:11 19:04	06:42 18:14	07:13 16:38	06:50 16:31
20	07:19 16:58	06:47 17:36	06:03 18:08	06:13 19:41	05:36 20:12	16	05:25 20:33	05:55 (C07) 20:27	05:42 38	06:12 (C07) 19:53	06:12 19:02	06:43 18:13	07:14 16:37	06:51 16:31
21	07:19 17:00	06:46 17:39	06:02 18:10	06:11 19:43	05:35 20:14	27	05:25 20:34	05:55 (C07) 20:26	05:43 32	06:13 (C07) 19:50	06:13 18:59	06:44 18:10	07:15 16:35	06:52 16:32
22	07:18 17:02	06:44 17:40	06:00 18:11	06:10 19:45	05:35 20:15	30	05:25 20:34	05:55 (C07) 20:25	05:44 29	06:14 (C07) 19:48	06:14 18:57	06:45 18:09	07:16 16:35	06:53 16:33
23	07:17 17:03	06:43 17:41	05:58 18:13	06:08 19:46	05:34 20:16	33	05:25 20:34	05:55 (C07) 20:24	05:44 25	06:15 (C07) 19:47	06:15 18:55	06:46 18:07	07:18 16:34	06:54 16:33
24	07:17 17:04	06:42 17:42	05:57 18:14	06:07 19:47	05:33 20:17	37	05:25 20:35	05:56 (C07) 20:23	05:45 20	06:17 (C07) 19:45	06:16 18:54	06:47 18:06	07:19 16:34	06:55 16:34
25	07:16 17:05	06:40 17:43	05:55 18:15	06:06 19:48	05:33 20:18	39	05:25 20:35	05:56 (C07) 20:23	05:46 12	06:20 (C07) 19:44	06:17 18:52	06:48 18:04	07:20 16:33	06:56 16:34
26	07:15 17:06	06:39 17:45	05:53 18:16	06:04 19:49	05:32 20:19	41	05:25 20:35	05:57 (C07) 20:22	05:47 58	06:24 (C07) 19:42	06:18 18:50	06:49 18:03	07:21 16:33	06:57 16:35
27	07:14 17:08	06:37 17:46	05:52 18:17	06:03 19:50	05:31 20:20	43	05:25 20:35	05:58 (C07) 20:21	05:48 58	06:25 (C07) 19:40	06:19 18:49	06:50 18:02	07:22 16:32	06:59 16:36
28	07:14 17:09	06:36 17:47	05:50 18:18	06:01 19:51	05:30 20:21	44	05:25 20:35	05:59 (C07) 20:20	05:49 58	06:26 (C07) 19:39	06:20 18:47	06:51 18:00	07:23 16:32	07:00 16:36
29	07:13 17:10		06:48 19:19	06:00 19:52	05:30 20:21	46	05:25 20:35	05:59 (C07) 20:19	05:50 58	06:27 (C07) 19:37	06:21 18:45	06:52 16:59	07:24 16:31	07:01 16:37
30	07:12 17:11		06:47 19:20	05:59 19:53	05:29 20:22	47	05:25 20:35	05:59 (C07) 20:18	05:51 58	06:28 (C07) 19:36	06:22 18:43	06:53 16:58	07:25 16:31	07:02 16:38
31	07:11 17:13		06:45 19:21	05:29 20:23	05:29 20:23	48	05:25 20:35	05:56 (C07) 20:17	05:52 58	06:29 (C07) 19:34	06:23 18:43	06:54 16:56	07:26 16:31	07:03 16:39
Ore potenziali eliofanía	297	297	369	399	448	476	452	459	1103	428	375	345	298	288
Totale, caso peggiore														

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 65 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (27)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:23 16:40	07:10 17:14	06:34 17:48	06:43 19:22	18:37 (C06) 19:54	05:57 20:24	05:28 20:35	05:29 20:16	05:53 19:32	06:24 18:42	06:54 16:55	06:28 16:31
2	07:24 16:40	07:09 17:15	06:32 17:49	06:41 19:23	18:37 (C06) 19:52	05:56 20:24	05:28 20:35	05:29 20:15	05:54 19:31	06:25 18:51 (C06)	06:55 18:40	06:29 16:54
3	07:24 16:41	07:08 17:16	06:31 17:50	06:40 19:24	18:36 (C06) 19:53	05:55 20:25	05:27 20:34	05:30 20:13	05:55 19:29	06:26 18:54 (C06)	06:56 18:38	06:30 16:53
4	07:24 16:42	07:07 17:18	06:29 17:51	06:38 19:25	18:37 (C06) 19:57	05:53 20:26	05:27 20:34	05:30 20:12	05:56 19:27	06:27 18:56 (C06)	06:57 18:37	06:32 16:51
5	07:24 16:43	07:06 17:19	06:28 17:53	06:37 19:26	18:37 (C06) 19:58	05:52 20:27	05:27 20:34	05:31 20:11	05:57 19:26	06:28 18:57 (C06)	06:58 18:35	06:33 16:50
6	07:24 16:44	07:05 17:20	06:26 17:54	06:35 19:27	18:38 (C06) 19:59	05:51 20:27	05:26 20:34	05:31 20:10	05:58 19:24	06:29 18:58 (C06)	06:59 18:33	06:34 16:49
7	07:24 16:45	07:04 17:21	06:25 17:55	06:33 19:29	18:39 (C06) 20:00	05:50 20:28	05:26 20:33	05:32 20:09	05:59 19:23	06:30 18:33 (C06)	07:00 18:32	06:35 16:48
8	07:24 16:46	07:03 17:23	06:23 17:56	06:32 19:30	18:40 (C06) 19:59	05:49 20:28	05:26 20:33	06:00 20:07	06:31 19:21	06:31 18:58 (C06)	07:01 18:30	06:36 16:47
9	07:23 16:47	07:01 17:24	06:21 17:57	06:30 19:31	18:43 (C06) 20:02	05:47 20:29	05:26 20:33	06:01 20:06	06:32 19:19	06:32 18:30 (C06)	07:02 18:29	06:38 16:46
10	07:23 16:48	07:00 17:25	06:20 17:58	06:28 19:32	18:46 (C06) 20:03	05:46 20:30	05:25 20:32	06:02 20:05	06:33 19:17	06:33 18:55 (C06)	07:03 18:29	06:39 16:45
11	07:23 16:49	06:59 17:26	06:18 17:59	06:27 19:33	18:53 (C06) 20:05	05:45 20:30	05:25 20:32	06:03 20:04	06:34 19:16	06:34 18:54 (C06)	07:04 18:25	06:40 16:44
12	07:23 16:50	06:58 17:28	06:17 18:00	06:25 19:34	05:44 20:06	05:25 20:31	05:35 20:31	06:04 20:02	06:35 19:14	06:35 18:52 (C06)	07:05 18:24	06:41 16:43
13	07:22 16:51	06:57 17:29	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31	05:36 20:31	06:05 20:01	06:36 19:12	06:36 18:50 (C06)	07:06 18:22	06:42 16:42
14	07:22 16:52	06:55 17:30	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32	05:37 20:30	06:06 20:00	06:37 19:11	06:37 18:49 (C06)	07:07 18:21	06:44 16:41
15	07:22 16:53	06:54 17:31	06:12 18:04	06:20 19:37	05:41 20:09	05:25 20:32	05:38 20:30	06:07 19:58	06:38 19:09	06:38 18:29 (C06)	07:09 18:19	06:45 16:40
16	07:21 16:54	06:53 17:32	06:10 18:05	06:19 19:38	05:40 20:10	05:25 20:32	05:38 20:29	06:08 19:57	06:39 19:07	06:39 18:45 (C06)	07:10 18:17	06:46 16:39
17	07:21 16:56	06:51 17:34	06:08 18:06	06:17 19:39	05:39 20:10	05:25 20:33	05:39 20:29	06:09 19:55	06:40 19:06	06:40 18:30 (C06)	07:11 18:16	06:47 16:38
18	07:20 16:57	06:50 17:35	06:07 18:07	06:16 19:40	05:38 20:11	05:25 20:33	05:40 20:28	06:10 19:54	06:41 19:04	06:41 18:42 (C06)	07:12 18:14	06:48 16:38
19	07:20 16:58	06:49 17:36	06:05 18:08	06:14 19:41	05:37 20:12	05:25 20:33	05:41 20:27	06:11 19:53	06:42 19:02	06:42 18:32 (C06)	07:13 18:13	06:49 16:37
20	07:19 16:59	06:47 17:37	06:03 18:09	06:13 19:42	05:36 20:13	05:25 20:34	05:42 20:27	06:12 19:51	06:43 19:00	06:43 18:34 (C06)	07:14 18:11	06:51 16:36
21	07:19 17:00	06:46 17:39	06:02 18:10	06:11 19:43	05:36 20:14	05:25 20:34	05:43 20:26	06:13 19:50	06:44 18:59	06:44 18:40 (C06)	07:15 18:10	06:52 16:35
22	07:18 17:01	06:44 17:40	06:00 18:11	06:10 19:45	05:35 20:15	05:26 20:34	05:43 20:25	06:14 19:48	06:45 18:57	06:45 18:33 (C06)	07:16 18:08	06:53 16:35
23	07:17 17:03	06:43 17:41	05:58 18:12	06:08 19:46	17:48 (C06) 17:52 (C06)	06:08 19:46	05:34 20:16	06:15 20:34	06:46 19:47	06:46 18:55	07:18 18:07	06:54 16:34
24	07:17 17:04	06:42 17:42	05:57 18:14	06:07 19:47	17:45 (C06) 17:52 (C06)	06:07 19:47	05:33 20:17	06:16 20:23	06:47 19:45	06:47 18:54	07:19 18:06	06:55 16:34
25	07:16 17:05	06:40 17:43	05:55 18:15	06:05 19:48	17:43 (C06) 17:53 (C06)	06:05 19:48	05:32 20:18	06:17 20:35	06:48 19:43	06:48 18:52	07:20 17:04	06:56 16:33
26	07:15 17:06	06:39 17:44	05:53 18:16	06:04 19:49	17:42 (C06) 17:55 (C06)	06:04 19:49	05:32 20:19	06:18 20:35	06:49 19:42	06:49 18:50	07:21 17:03	06:57 16:33
27	07:14 17:08	06:37 17:46	05:51 18:17	06:03 19:50	17:40 (C06) 17:56 (C06)	06:03 19:50	05:31 20:20	06:19 20:35	06:50 19:40	06:50 18:48	07:22 17:01	06:58 16:32
28	07:14 17:09	06:36 17:47	05:50 18:18	06:01 19:51	17:39 (C06) 17:56 (C06)	06:01 19:51	05:30 20:20	06:20 20:35	06:51 19:39	06:51 18:47	07:23 17:00	06:59 16:32
29	07:13 17:10	06:48 19:19	06:48 19:19	06:00 19:52	18:39 (C06) 18:58 (C06)	06:00 19:52	05:30 20:21	06:21 20:35	06:52 19:37	06:52 18:45	07:24 16:59	07:01 16:31
30	07:12 17:11	06:46 19:20	06:46 19:20	05:59 19:53	18:38 (C06) 18:59 (C06)	05:59 19:53	05:29 20:22	06:22 20:35	06:53 18:43	06:53 18:43	07:25 16:58	07:02 16:31
31	07:11 17:13	06:45 19:21	06:45 19:21	05:59 19:53	18:37 (C06) 19:00 (C06)	05:59 19:53	05:29 20:23	06:23 20:17	06:54 19:34	06:54 18:43	07:26 16:56	07:03 16:38
Ore potenziali eliofanìa	297	297	369	399	449	452	459	428	375	351	345	298
Totale, caso peggiore			130	216								288

Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 68 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 0,0° (28)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

Il sole splende tutto il di, dall'alba al tramonto

Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole

La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:24 16:40	07:10 17:14	07:32 (C08) 17:48	06:34	06:43	07:02 (C03) 05:58
2	07:24 16:41	07:09 17:15	07:34 (C08) 17:49	06:33	06:42	07:38 (C03) 19:54
3	07:24 16:41	07:08 17:17	07:35 (C08) 17:51	06:31	06:40	07:01 (C03) 19:55
4	07:24 16:42	07:07 17:18	07:37 (C08) 17:52	06:30	06:38	07:36 (C03) 19:56
5	07:24 16:43	07:06 17:19	07:41 (C08) 17:53	06:28	06:37	07:01 (C03) 19:52
6	07:24 16:44	07:05 17:20	07:47 (C08) 17:54	06:26	06:35	07:33 (C03) 19:59
7	07:24 16:45	07:04 17:22	07:48 (C08) 17:55	06:25	06:34	07:03 (C03) 19:51
8	07:24 16:46	07:03 17:23	07:49 (C08) 17:56	06:24	06:32	07:32 (C03) 20:00
9	07:24 16:47	07:02 17:24	07:50 (C08) 17:57	06:22	06:30	07:04 (C03) 19:50
10	07:23 16:48	07:01 17:25	07:51 (C08) 17:59	06:20	06:29	07:30 (C03) 20:01
11	07:23 16:49	07:45 (C08) 17:27	07:52 (C08) 18:00	06:18	06:27	07:05 (C03) 19:49
12	07:23 16:50	07:46 (C08) 17:28	07:53 (C08) 18:01	06:17	06:25	07:20 (C03) 20:04
13	07:23 16:51	07:48 (C08) 17:29	07:54 (C08) 18:02	06:15	06:24	07:00 (C03) 19:56
14	07:22 16:52	07:44 (C08) 17:30	07:55 (C08) 18:03	06:14	06:22	07:01 (C03) 19:54
15	07:22 16:54	07:43 (C08) 17:32	07:56 (C08) 18:04	06:12	06:21	07:02 (C03) 19:53
16	07:22 16:55	07:43 (C08) 17:33	07:57 (C08) 18:05	06:10	06:19	07:03 (C03) 19:52
17	07:21 16:56	07:42 (C08) 17:34	07:58 (C08) 18:06	06:09	06:18	07:04 (C03) 19:51
18	07:21 16:57	07:42 (C08) 17:35	07:59 (C08) 18:07	06:07	06:16	07:05 (C03) 19:50
19	07:20 16:58	07:41 (C08) 17:36	08:00 (C08) 18:08	06:05	06:14	07:06 (C03) 19:49
20	07:20 16:59	07:40 (C08) 17:38	08:01 (C08) 18:10	06:04	06:13	07:07 (C03) 19:48
21	07:19 17:01	07:40 (C08) 17:39	08:02 (C08) 18:11	06:02	06:11	07:08 (C03) 19:47
22	07:18 17:02	07:39 (C08) 17:40	08:03 (C08) 18:12	06:00	06:09	07:09 (C03) 19:46
23	07:18 17:03	07:38 (C08) 17:41	08:04 (C08) 18:13	06:00	06:09	07:10 (C03) 19:45
24	07:17 17:04	07:38 (C08) 17:42	08:05 (C08) 18:14	06:00	06:09	07:11 (C03) 19:44
25	07:16 17:05	07:37 (C08) 17:44	08:06 (C08) 18:15	06:00	06:09	07:12 (C03) 19:43
26	07:16 17:07	07:36 (C08) 17:45	08:07 (C08) 18:16	06:00	06:09	07:13 (C03) 19:42
27	07:15 17:08	07:35 (C08) 17:46	08:08 (C08) 18:17	06:00	06:09	07:14 (C03) 19:41
28	07:14 17:09	07:34 (C08) 17:47	08:09 (C08) 18:18	06:00	06:09	07:15 (C03) 19:40
29	07:13 17:10	07:33 (C08) 17:48	08:10 (C08) 18:19	06:00	06:09	07:16 (C03) 19:39
30	07:12 17:12	07:32 (C08) 17:49	08:11 (C08) 18:20	06:00	06:09	07:17 (C03) 19:38
31	07:11 17:13	07:31 (C08) 17:50	08:12 (C08) 18:21	06:00	06:09	07:18 (C03) 19:37
Ore potenziali eliofanìa	297	297	297	297	297	297
Totale, caso peggiore	297	77	340	399	276	413

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento)
Tramonto (hh:mm)Minuti d'ombra Fine ombreggiamento (hh:mm) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_CandelaRecettore d'ombra: 68 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 0,0° (28)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
Il sole splende tutto il di, dall'alba al tramonto
Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre		
1	05:29 20:35 14	05:52 (C01) 06:06 (C01) 20:16	05:53 20:16 19:33	06:24 19:33	06:54 18:42	06:28 16:55	07:03 16:31 1	07:27 (C08) 07:28 (C08)
2	05:30 20:35 14	05:52 (C01) 06:06 (C01) 20:15	05:54 20:15 19:31	06:25 19:31 9	07:10 (C03) 07:19 (C03) 18:40	06:55 16:54 06:30	07:04 16:30 07:05	
3	05:30 20:35 13	05:53 (C01) 06:06 (C01) 20:14	05:55 20:14 19:29	06:26 19:29 17	07:06 (C03) 07:23 (C03) 18:39	06:56 16:53 06:32	07:05 16:30 07:06	
4	05:31 20:34 12	05:53 (C01) 06:05 (C01) 20:13	05:56 20:13 19:28	06:27 19:28 22	07:03 (C03) 07:25 (C03) 18:37	06:57 16:52 06:33	07:06 16:30 07:07	
5	05:31 20:34 11	05:54 (C01) 06:05 (C01) 20:11	05:57 20:11 19:26	06:28 19:26 26	07:01 (C03) 07:27 (C03) 18:35	06:58 16:50 06:30	07:07 16:30 07:08	
6	05:32 20:34 10	05:54 (C01) 06:04 (C01) 20:10	05:58 20:10 19:24	06:29 19:24 29	06:58 (C03) 07:27 (C03) 18:34	06:59 16:49 8	07:10 (C08) 07:18 (C08) 16:30	07:08
7	05:32 20:34 9	05:55 (C01) 06:04 (C01) 20:09	05:59 20:09 19:23	06:30 19:23 32	06:56 (C03) 07:28 (C03) 18:32	07:00 16:48 14	06:35 07:08 (C08) 07:09	07:09
8	05:33 20:33 8	05:56 (C01) 06:04 (C01) 20:08	06:00 20:08 19:21	06:31 19:21 34	06:55 (C03) 07:29 (C03) 18:30	07:01 16:47 17	06:37 07:06 (C08) 07:10	07:10
9	05:34 20:33 7	05:56 (C01) 06:03 (C01) 20:06	06:01 20:06 19:19	06:32 19:19 35	06:54 (C03) 07:29 (C03) 18:29	07:02 16:46 19	06:38 07:24 (C08) 16:30	07:11
10	05:34 20:33 5	05:57 (C01) 06:02 (C01) 20:05	06:02 20:05 19:18	06:33 19:18 37	06:53 (C03) 07:30 (C03) 18:27	07:03 16:45 22	06:39 07:03 (C08) 16:30	07:12
11	05:35 20:32 4	05:58 (C01) 06:02 (C01) 20:04	06:03 20:04 19:16	06:34 19:16 36	06:54 (C03) 07:30 (C03) 18:26	07:05 16:44 24	06:40 07:03 (C08) 16:30	07:13
12	05:36 20:32 2	05:58 (C01) 06:00 (C01) 20:03	06:04 20:03 19:14	06:35 19:14 35	06:55 (C03) 07:30 (C03) 18:24	07:06 16:43 23	06:41 07:04 (C08) 16:30	07:14
13	05:36 20:31	06:05 20:01	06:05 19:13	06:36 19:13 34	06:56 (C03) 07:30 (C03) 18:22	07:07 16:42 23	06:43 07:05 (C08) 16:30	07:14
14	05:37 20:31	06:06 20:00	06:37 19:11	06:37 19:11 33	06:57 (C03) 07:30 (C03) 18:21	07:08 16:41 22	06:44 07:07 (C08) 16:30	07:15
15	05:38 20:30	06:07 19:59	06:38 19:09	06:38 19:09 31	06:58 (C03) 07:29 (C03) 18:19	07:09 16:40 21	06:45 07:09 (C08) 16:30	07:16
16	05:39 20:30	06:08 19:57	06:39 19:08	06:39 19:08 30	06:59 (C03) 07:29 (C03) 18:18	07:10 16:39 20	06:46 07:09 (C08) 16:31	07:17
17	05:40 20:29	06:09 19:56	06:40 19:06	06:40 19:06 28	07:00 (C03) 07:28 (C03) 18:16	07:11 16:39 19	06:47 07:10 (C08) 16:31	07:17
18	05:40 20:28	06:10 19:54	06:41 19:04	06:41 19:04 27	07:01 (C03) 07:28 (C03) 18:15	07:12 16:38 18	06:49 07:12 (C08) 16:31	07:18
19	05:41 20:28	06:11 19:53	06:42 19:02	06:42 19:02 25	07:02 (C03) 07:27 (C03) 18:13	07:13 16:37 17	06:50 07:30 (C08) 16:32	07:19
20	05:42 20:27	06:12 19:51	06:43 19:01	06:43 19:01 23	07:03 (C03) 07:26 (C03) 18:12	07:14 16:36 16	06:51 07:14 (C08) 16:32	07:19
21	05:43 20:26	06:13 19:50	06:44 18:59	06:44 18:59 21	07:04 (C03) 07:25 (C03) 18:10	07:16 16:36 15	06:52 07:15 (C08) 16:32	07:20
22	05:44 20:25	06:14 19:48	06:45 18:57	06:45 18:57 18	07:05 (C03) 07:23 (C03) 18:09	07:17 16:35 14	06:53 07:17 (C08) 16:33	07:20
23	05:45 20:25	06:15 19:47	06:46 18:56	06:46 18:56 16	07:06 (C03) 07:22 (C03) 18:07	07:18 16:34 13	06:54 07:18 (C08) 16:33	07:21
24	05:46 20:24	06:16 19:45	06:47 18:54	06:47 18:54 13	07:07 (C03) 07:20 (C03) 18:06	07:19 16:34 11	06:56 07:19 (C08) 16:34	07:21
25	05:46 20:23	06:17 19:44	06:48 18:52	06:48 18:52 10	07:08 (C03) 07:18 (C03) 17:04	06:20 16:33 10	06:57 07:20 (C08) 16:35	07:22
26	05:47 20:22	06:18 19:42	06:49 18:50	06:49 18:50 6	07:09 (C03) 07:15 (C03) 17:03	06:21 16:33 9	06:58 07:21 (C08) 16:35	07:22
27	05:48 20:21	06:19 19:41	06:50 18:49	06:50 18:49 1	07:10 (C03) 07:11 (C03) 17:02	06:22 16:32 7	06:59 07:22 (C08) 16:36	07:22
28	05:49 20:20	06:20 19:39	06:51 18:47	06:51 18:47 17:00	06:24 16:32 6	07:00 07:30 (C08) 16:36	07:24 (C08) 16:36	07:23
29	05:50 20:19	06:21 19:38	06:52 18:45	06:52 18:45 16:59	06:25 16:31 4	07:01 07:29 (C08) 16:37	07:25 (C08) 16:37	07:23
30	05:51 20:18	06:22 19:36	06:53 18:44	06:53 18:44 16:58	06:26 16:31 3	07:02 07:29 (C08) 16:38	07:26 (C08) 16:38	07:23
31	05:52 20:17	06:23 19:34	06:23 19:34	06:23 19:34 16:56	06:27 16:56	07:29 (C08) 16:39	07:24 16:39	07:24
Ore potenziali eliofania	459		428	375	345	298	375	288
Totale, caso peggiore	109			628				1

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento)
Tramonto (hh:mm)Minuti d'ombra Fine ombreggiamento (hh:mm) (WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Calcolo: Flickering_Candela Recettore d'ombra: 70 - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (31)
Assunzioni sui calcoli d'ombra

- I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:
- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:23 16:40	07:10 17:14	06:34 17:48	06:43 19:22	05:57 19:54	05:28 20:24	05:29 20:35	05:53 20:16	06:24 19:32	06:54 18:42	06:28 16:55	07:03 16:31
2	07:24 16:40	07:09 17:15	06:32 17:49	06:42 19:23	05:56 19:55	05:28 20:24	05:29 20:34	05:54 20:14	06:25 19:31	06:55 18:40	06:29 16:54	07:04 16:30
3	07:24 16:41	07:08 17:16	06:31 17:50	06:40 19:24	05:55 19:56	05:28 20:25	05:30 20:34	05:55 20:13	06:26 19:29	06:56 18:38	06:30 16:53	07:05 16:30
4	07:24 16:42	07:07 17:18	06:29 17:51	06:38 19:25	05:53 19:57	05:27 20:26	05:30 20:34	05:56 20:12	06:27 19:28	06:57 18:37	06:32 16:51	07:06 16:30
5	07:24 16:43	07:06 17:19	06:28 17:53	06:37 19:26	05:52 19:58	05:27 20:27	05:31 20:34	05:57 20:11	06:28 19:26	06:58 18:35	06:33 16:50	07:07 16:30
6	07:24 16:44	07:05 17:20	06:26 17:54	06:35 19:27	05:51 19:59	05:26 20:27	05:26 20:34	05:58 20:10	06:29 19:24	06:59 18:33	06:34 16:49	07:08 16:30
7	07:24 16:45	07:04 17:21	06:25 17:55	06:33 19:29	05:50 20:00	05:26 20:28	05:32 20:33	05:59 20:09	06:30 19:23	07:00 18:32	06:35 16:48	07:09 16:29
8	07:23 16:46	07:03 17:23	06:23 17:56	06:32 19:30	05:49 20:01	05:26 20:28	05:33 20:33	06:00 20:07	06:31 19:21	07:01 18:30	06:36 16:47	07:10 16:29
9	07:23 16:47	07:01 17:24	06:21 17:57	06:30 19:31	05:47 20:02	05:26 20:29	05:33 20:33	06:01 20:06	06:32 19:19	07:02 18:29	06:38 16:46	07:11 16:29
10	07:23 16:48	07:00 17:25	06:20 17:58	06:28 19:32	05:46 20:03	05:25 20:30	05:34 20:32	06:02 20:05	06:33 19:17	07:03 18:27	06:39 16:45	07:12 16:29
11	07:23 16:49	06:59 17:26	06:18 17:59	06:27 19:33	05:45 20:05	05:25 20:30	05:35 20:32	06:03 20:04	06:34 19:16	07:04 18:25	06:40 16:44	07:12 16:29
12	07:23 16:50	06:58 17:28	06:17 18:01	06:25 19:34	05:44 20:06	05:25 20:31	05:36 20:31	06:04 20:02	06:35 19:14	07:05 18:24	06:41 16:43	07:13 16:30
13	07:22 16:51	06:57 17:29	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31	05:36 20:31	06:05 20:01	06:36 19:12	07:06 18:22	06:42 16:42	07:14 16:30
14	07:22 16:52	06:55 17:30	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32	05:37 20:30	06:06 20:00	06:37 19:11	07:08 18:21	06:44 16:41	07:15 16:30
15	07:22 16:53	06:54 17:31	06:12 18:04	06:21 19:37	05:41 20:09	05:25 20:32	05:38 20:30	06:07 19:58	06:38 19:09	07:09 18:19	06:45 16:40	07:16 16:30
16	07:21 16:55	06:53 17:33	06:10 18:05	06:19 19:38	05:40 20:10	05:25 20:32	05:39 20:29	06:08 19:57	06:39 19:07	07:10 18:17	06:46 16:39	07:16 16:30
17	07:21 16:56	06:51 17:34	06:08 18:06	06:17 19:39	05:39 20:10	05:25 20:33	05:39 20:29	06:09 19:55	06:40 19:06	07:11 18:16	06:47 16:38	07:17 16:31
18	07:20 16:57	06:50 17:35	06:07 18:07	06:16 19:40	05:38 20:11	05:25 20:33	05:40 20:28	06:10 19:54	06:41 19:04	07:12 18:14	06:48 16:38	07:18 16:31
19	07:20 16:58	06:49 17:36	06:05 18:08	06:14 19:41	05:37 20:12	05:25 20:33	05:41 20:27	06:11 19:53	06:42 19:02	07:13 18:13	06:49 16:37	07:18 16:31
20	07:19 16:59	06:47 17:37	06:03 18:09	06:13 19:42	05:36 20:13	05:25 20:34	05:42 20:27	06:12 19:51	06:43 19:00	07:14 18:11	06:51 16:36	07:19 16:32
21	07:19 17:00	06:46 17:39	06:02 18:10	06:11 19:43	05:36 20:14	05:26 20:34	05:43 20:26	06:13 19:50	06:44 18:59	07:15 18:10	06:52 16:35	07:19 16:32
22	07:18 17:02	06:44 17:40	06:00 18:11	06:10 19:45	05:35 20:15	05:26 20:34	05:44 20:25	06:14 19:48	06:45 18:57	07:16 18:09	06:53 16:35	07:20 16:33
23	07:17 17:03	06:43 17:41	05:58 18:13	06:08 19:46	05:34 20:16	05:26 20:34	05:44 20:24	06:15 19:47	06:46 18:55	07:18 18:07	06:54 16:34	07:20 16:33
24	07:17 17:04	06:42 17:42	05:57 18:14	06:07 19:47	05:33 20:17	05:26 20:34	05:45 20:23	06:16 19:45	06:47 18:54	07:19 18:06	06:55 16:34	07:21 16:34
25	07:16 17:05	06:40 17:43	05:55 18:15	06:06 19:48	05:33 20:18	05:26 20:35	05:46 20:22	06:17 19:43	06:48 18:52	06:20 17:04	06:56 16:33	07:21 16:34
26	07:15 17:06	06:39 17:45	05:53 18:16	06:04 19:49	05:32 20:19	05:27 20:35	05:47 20:22	06:18 19:42	06:49 18:50	06:21 17:03	06:58 16:33	07:22 16:35
27	07:14 17:08	06:37 17:46	05:52 18:17	06:03 19:50	05:31 20:20	05:27 20:35	05:48 20:21	06:19 19:40	06:50 18:49	06:22 17:02	06:59 16:32	07:22 16:36
28	07:14 17:09	06:36 17:47	05:50 18:18	06:01 19:51	05:31 20:20	05:28 20:35	05:49 20:20	06:20 19:39	06:51 18:47	06:23 17:00	07:00 16:32	07:22 16:36
29	07:13 17:10		06:48 19:19	06:00 19:52	05:30 20:21	05:28 20:35	05:50 20:19	06:21 19:37	06:52 18:45	06:24 16:59	07:01 16:31	07:23 16:37
30	07:12 17:11		06:47 19:20	05:59 19:53	05:29 20:22	05:28 20:35	05:51 20:18	06:22 19:36	06:53 18:43	06:26 16:58	07:02 16:31	07:23 16:38
31	07:11 17:13		06:45 19:21		05:29 20:23		05:52 20:17	06:23 19:34		06:27 16:56		07:23 16:39
Ore potenziali eliofania	297	297	369	399	448	452	459	428	375	345	298	288
Totale, caso peggiore												

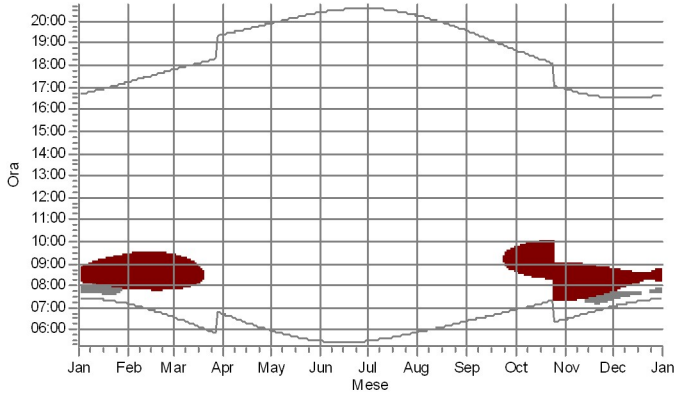
Legenda della tabella:

Giorno del mese Alba (hh:mm) Tramonto (hh:mm) Minuti d'ombra Inizio ombreggiamento (hh:mm) Fine ombreggiamento (hh:mm) (WTG che provoca l'inizio dell'ombreggiamento) (WTG che provoca l'ultimo ombreggiamento)

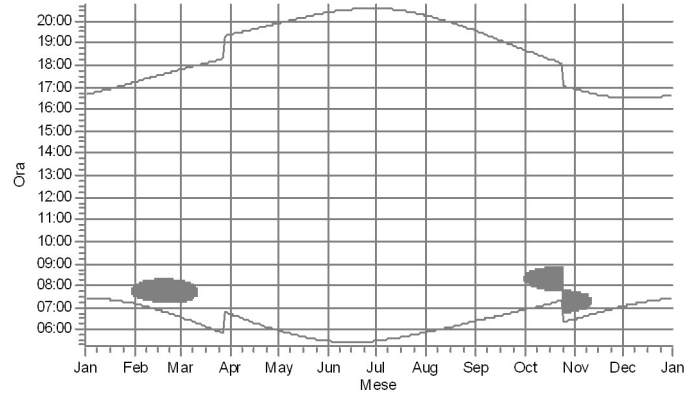
SHADOW - Calendario, grafico

Calcolo: Flickering_Candela

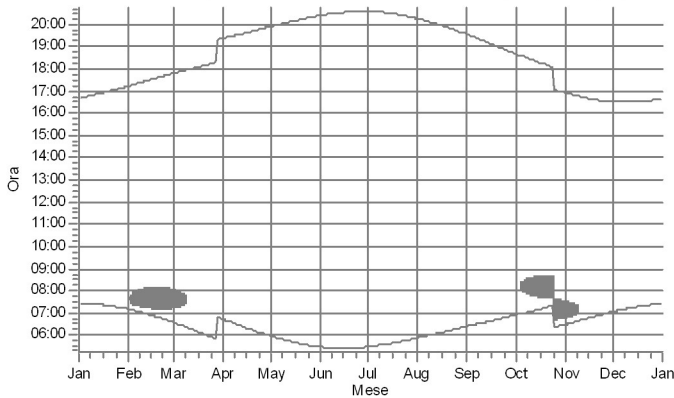
06: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (26)



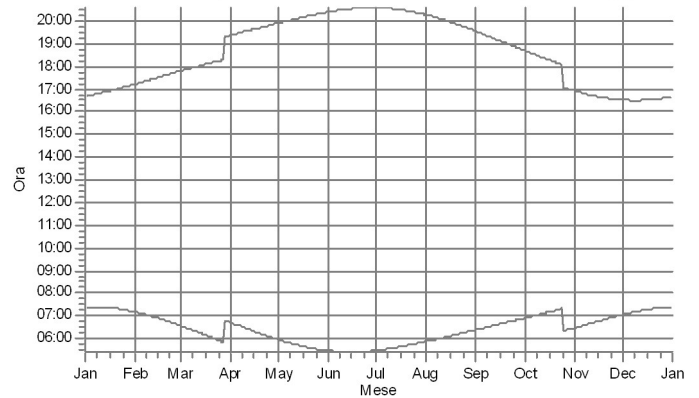
07: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (29)



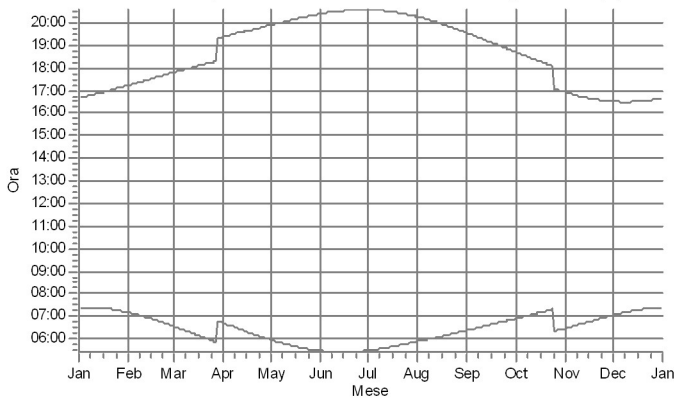
08: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (30)



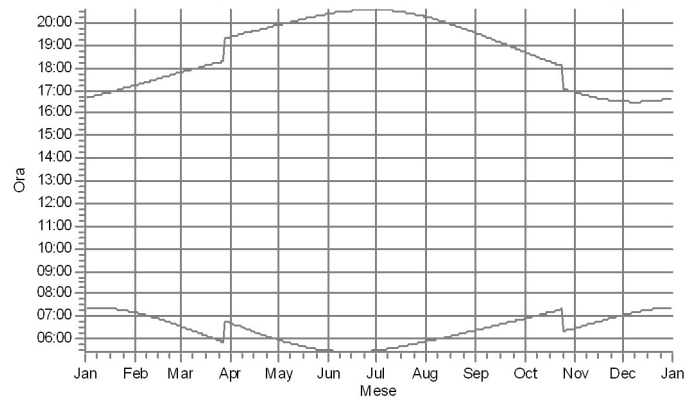
10: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (1)





12: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (2)



13: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (3)



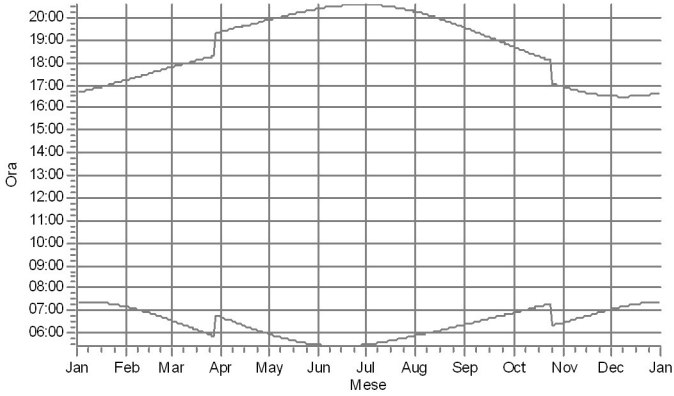
WTG

-  C04: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (4)
-  C08: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (8)

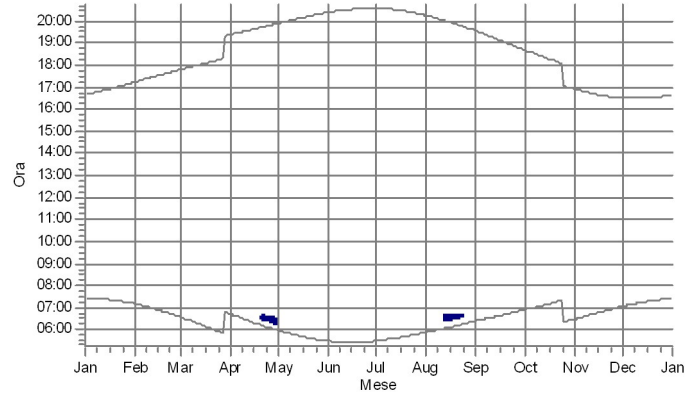
SHADOW - Calendario, grafico

Calcolo: Flickering_Candela

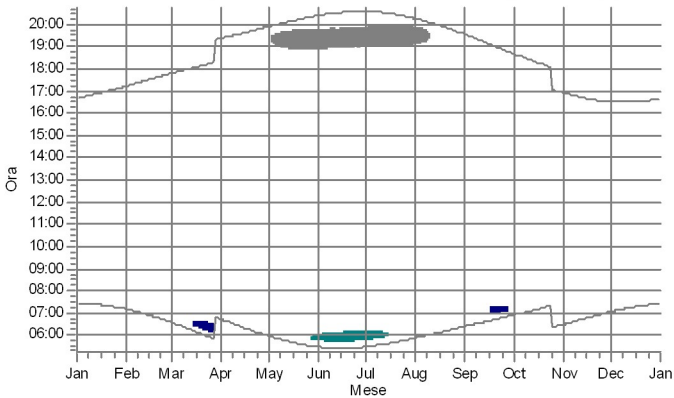
14: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (4)



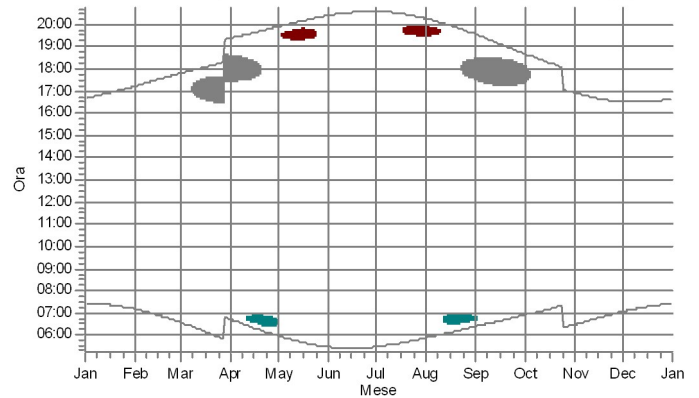
16: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (5)



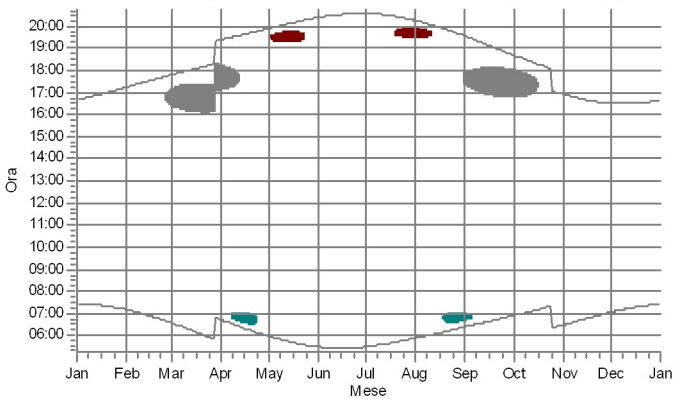
21: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (6)



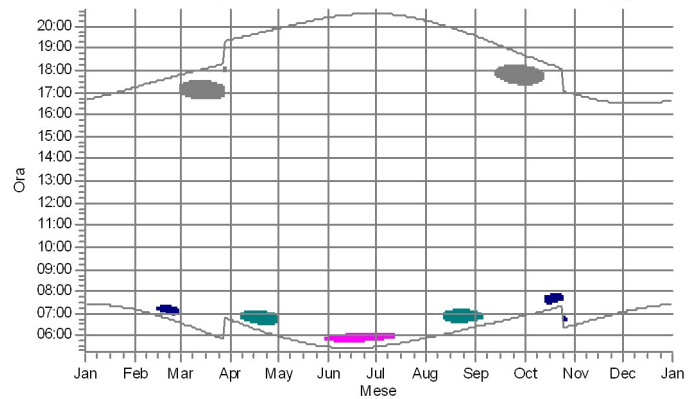
25: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (7)



27: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (8)



28: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (9)



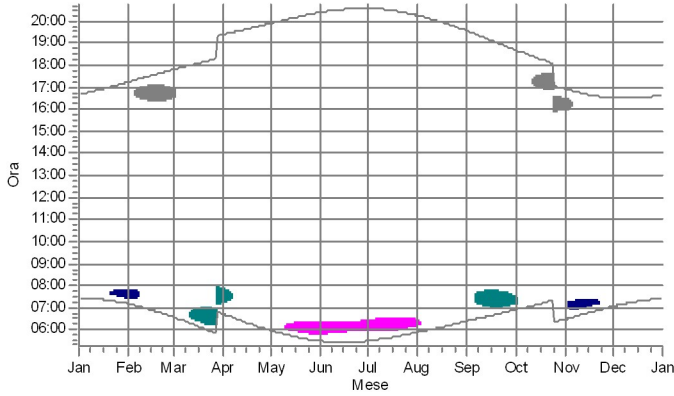
WTG

- C04: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (4)
- C05: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (5)
- C06: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (6)
- C07: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (7)
- C08: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (8)

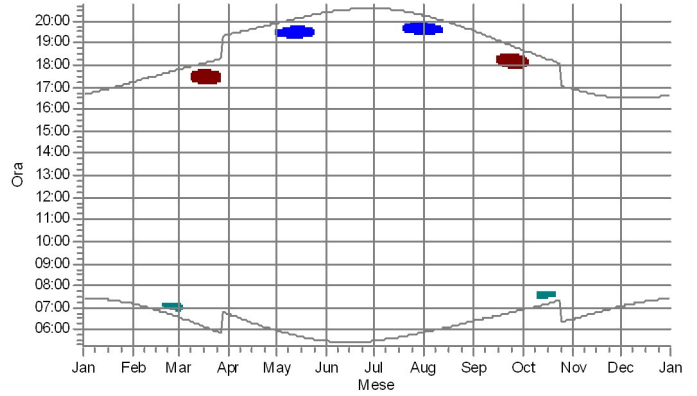
SHADOW - Calendario, grafico

Calcolo: Flickering_Candela

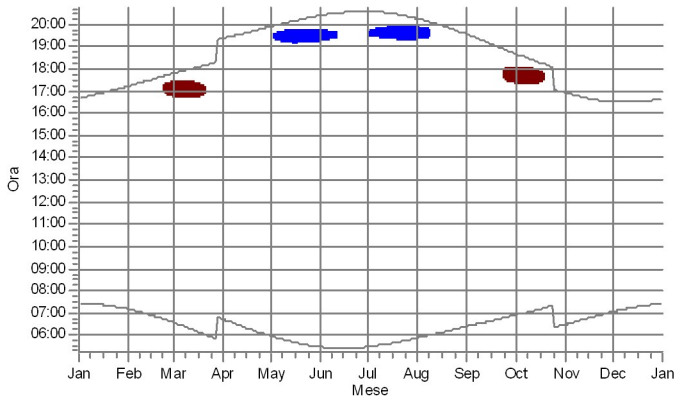
29: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (10)



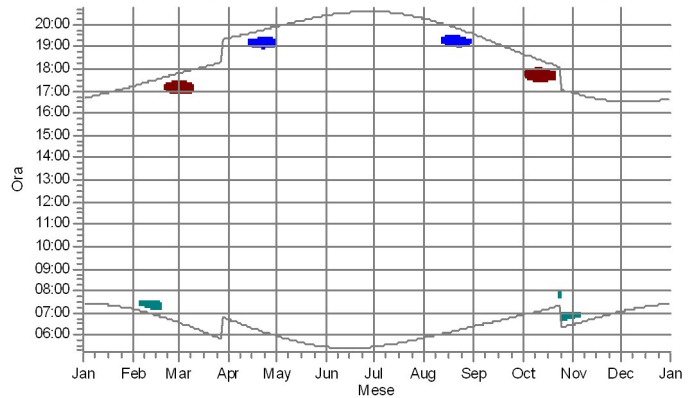
33: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (11)



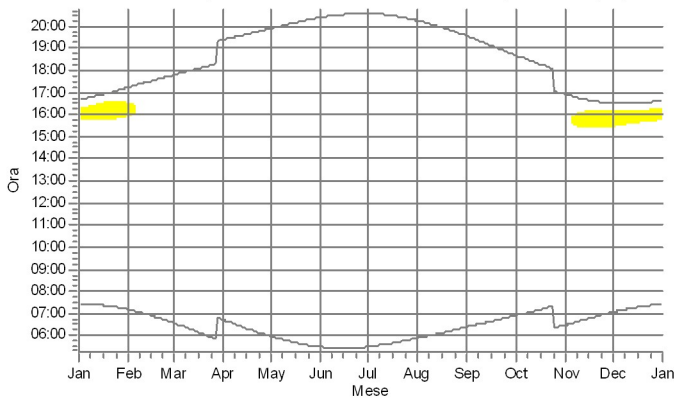
34: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (12)



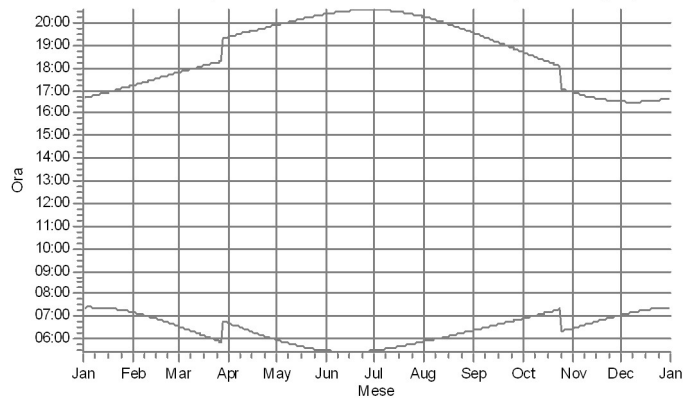
35: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (13)



37: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (14)



39: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (15)



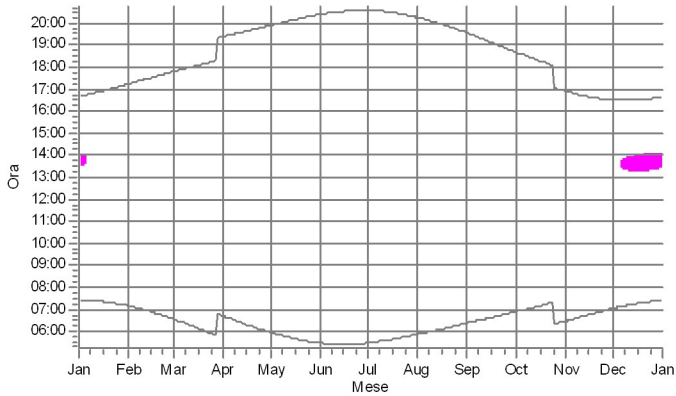
WTG

- C02: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (2)
- C03: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (3)
- C04: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (4)
- C05: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (5)
- C06: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (6)
- C07: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (7)
- C08: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (8)

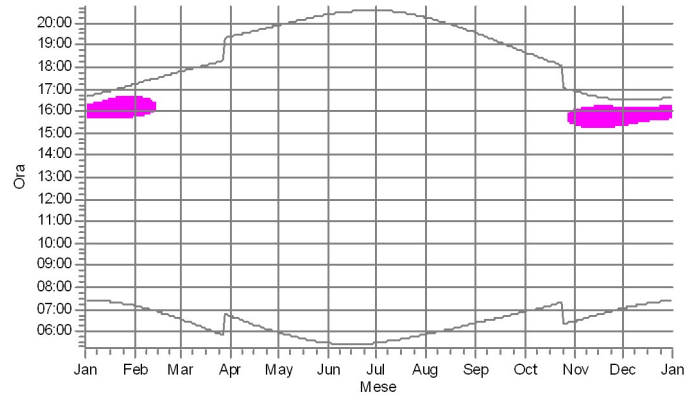
SHADOW - Calendario, grafico

Calcolo: Flickering_Candela

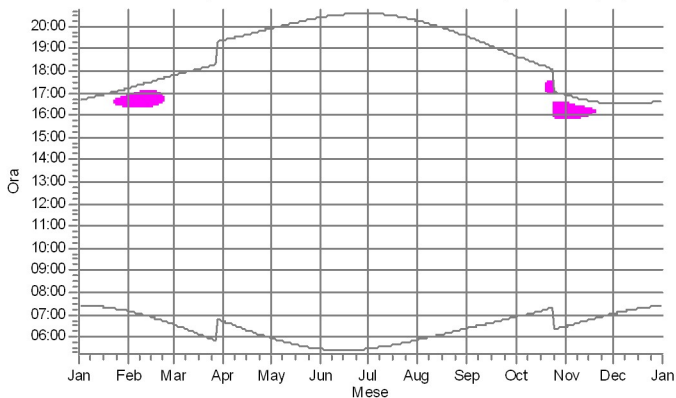
40: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (16)



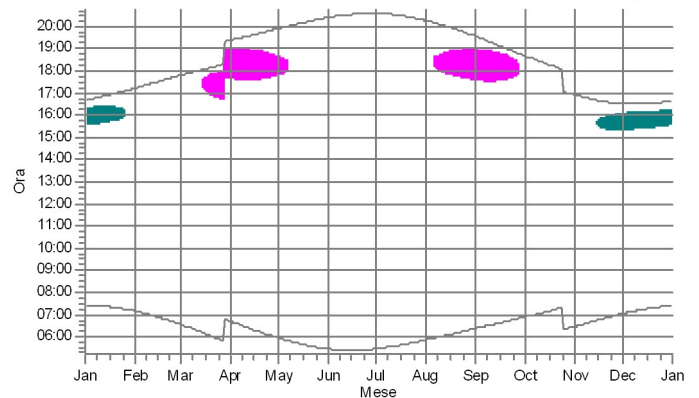
41: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (17)



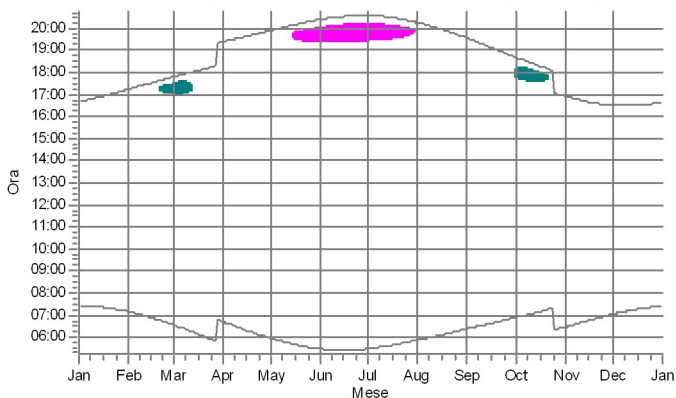
42: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (18)



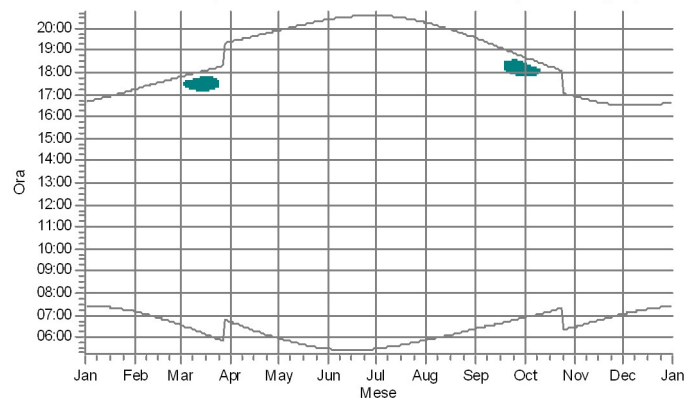
44: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (19)



46: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (20)



47: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (21)



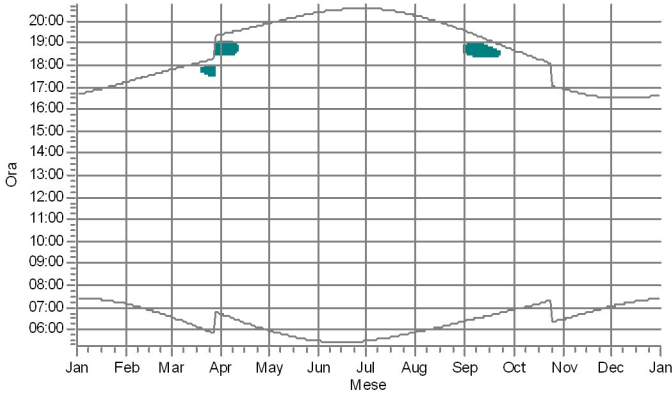
WTG

- C05: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (5)
- C06: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (6)

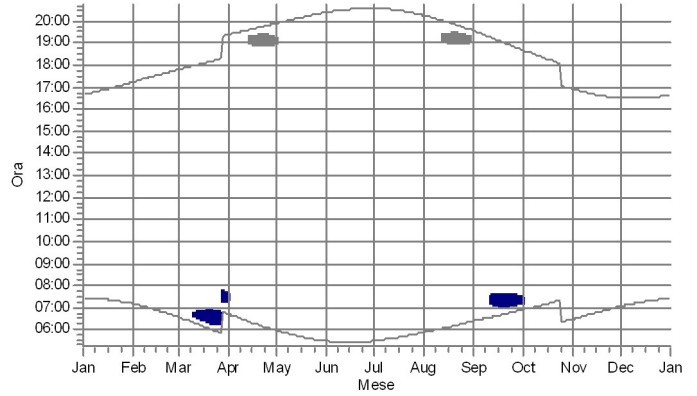
SHADOW - Calendario, grafico

Calcolo: Flickering_Candela

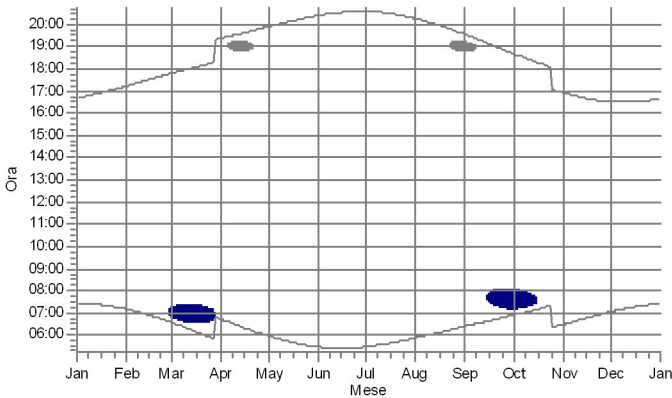
48: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (22)



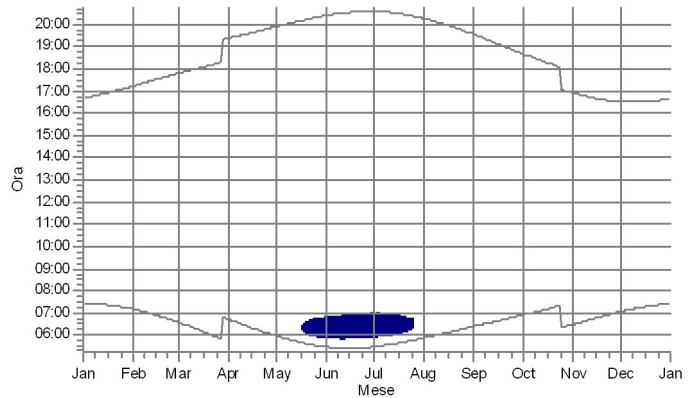
54: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (23)



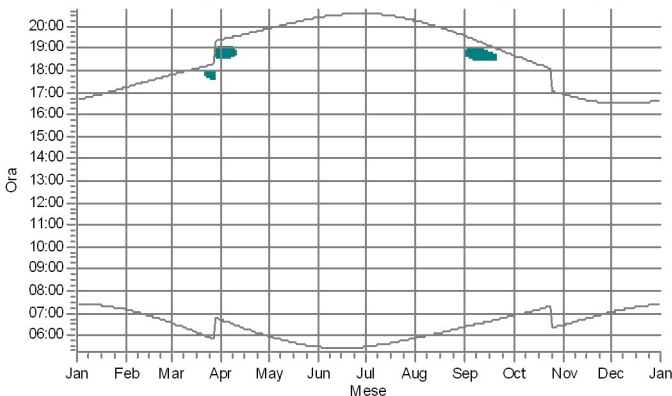
56: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (24)



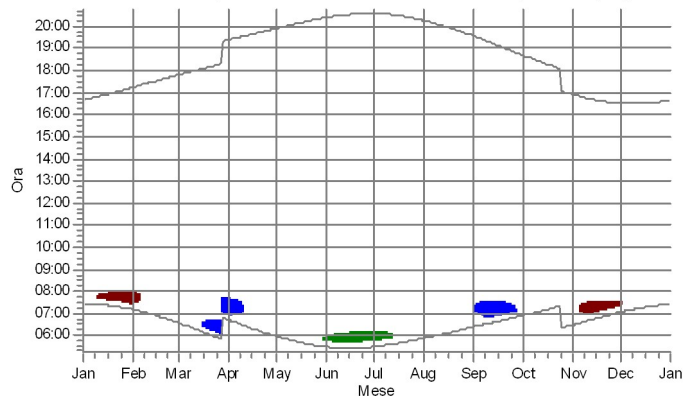
58: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (25)



65: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (27)



68: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 0,0° (28)



WTG

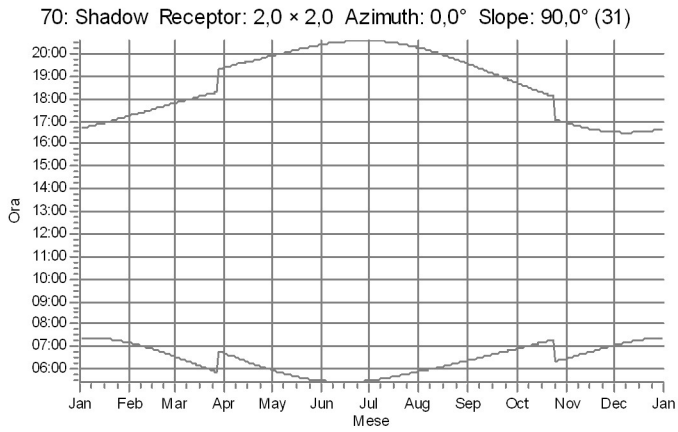
- C01: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (1)
- C03: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (3)
- C04: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (4)
- C06: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (6)
- C07: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (7)
- C08: Siemens Gamesa SG 6.0-170_user 6200 170.0 IO! hub: 135,0 m (TOT: 220,0 m) (8)

Progetto:
Candela

Utente autorizzato:
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Redatto il:
03/11/2020 20:32/3.4.405

SHADOW - Calendario, grafico

Calcolo: Flickering_Candela



WTG

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C01 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (1)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

Il sole splende tutto il di, dall'alba al tramonto

Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole

La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:24 16:40	07:10 17:14	06:34 17:48	06:43 19:22	05:57 19:54	05:29 20:24	05:50-05:53/3 20:35	05:29 20:16	05:52-06:06/14 19:33	06:24 18:42	06:54 16:55	06:28 16:31
2	07:24 16:41	07:09 17:15	06:33 17:49	06:42 19:23	05:56 19:55	05:28 20:25	05:50-05:55/5 20:35	05:29 20:15	05:52-06:06/14 19:31	06:25 18:40	06:55 16:54	06:29 16:30
3	07:24 16:41	07:08 17:17	06:31 17:51	06:40 19:25	05:55 19:56	05:28 20:25	05:49-05:55/6 20:35	05:30 20:14	05:53-06:06/13 19:29	06:26 18:39	06:56 16:53	06:31 16:30
4	07:24 16:42	07:07 17:18	06:30 17:52	06:38 19:26	05:54 19:58	05:27 20:26	05:49-05:57/8 20:34	05:31 20:13	05:53-06:05/12 19:28	06:27 18:37	06:57 16:52	06:32 16:30
5	07:24 16:43	07:06 17:19	06:28 17:53	06:37 19:27	05:52 19:59	05:27 20:27	05:49-05:58/9 20:34	05:31 20:11	05:54-06:05/11 19:26	06:28 18:35	06:58 16:50	06:33 16:30
6	07:24 16:44	07:05 17:20	06:26 17:54	06:35 19:28	05:51 20:00	05:27 20:27	05:48-05:58/10 20:34	05:32 20:10	05:54-06:04/10 19:24	06:29 18:34	06:59 16:49	06:34 16:30
7	07:24 16:45	07:04 17:22	06:25 17:55	06:33 19:29	05:50 20:01	05:26 20:28	05:48-05:59/11 20:34	05:32 20:09	05:55-06:04/9 19:23	06:30 18:32	07:00 16:48	06:35 16:30
8	07:24 16:46	07:03 17:23	06:23 17:56	06:32 19:30	05:49 20:02	05:26 20:29	05:48-06:00/12 20:33	05:33 20:08	05:56-06:04/8 19:21	06:00 18:30	06:31 16:47	07:01 16:30
9	07:24 16:47	07:02 17:24	06:22 17:57	06:30 19:31	05:48 20:03	05:26 20:29	05:48-06:01/13 20:33	05:34 20:06	05:56-06:03/7 19:19	06:01 18:29	06:32 16:46	07:02 16:30
10	07:23 16:48	07:01 17:25	06:20 17:58	06:29 19:32	05:46 20:04	05:26 20:30	05:48-06:01/13 20:33	05:34 20:05	05:57-06:02/5 19:18	06:02 18:27	06:33 16:45	06:33 16:30
11	07:23 16:49	06:59 17:27	06:18 18:00	06:27 19:33	05:45 20:05	05:25 20:30	05:48-06:02/14 20:32	05:35 20:04	05:58-06:02/4 19:16	06:03 18:26	06:34 16:44	06:34 16:30
12	07:23 16:50	06:58 17:28	06:17 18:01	06:25 19:34	05:44 20:06	05:25 20:31	05:47-06:02/15 20:32	05:36 20:03	05:58-06:00/2 19:14	06:04 18:24	06:35 16:43	06:35 16:30
13	07:23 16:51	06:57 17:29	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31	05:47-06:02/15 20:31	05:36 20:01	06:05 19:13	06:36 18:22	06:36 16:42	07:07 16:30
14	07:22 16:52	06:56 17:30	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32	05:47-06:03/16 20:31	05:37 20:00	06:06 19:11	06:37 18:21	07:08 16:41	06:44 16:30
15	07:22 16:54	06:54 17:31	06:12 18:04	06:21 19:37	05:41 20:09	05:25 20:32	05:47-06:03/16 20:30	05:38 20:09	06:07 19:09	06:38 18:09	07:09 16:40	06:45 16:30
16	07:22 16:55	06:53 17:33	06:10 18:05	06:19 19:38	05:40 20:10	05:25 20:33	05:47-06:03/16 20:30	05:39 20:08	06:08 19:57	06:39 19:08	07:10 18:18	06:46 16:31
17	07:21 16:56	06:52 17:34	06:08 18:06	06:18 19:39	05:39 20:11	05:25 20:33	05:48-06:05/17 20:29	05:39 19:56	06:09 19:06	06:40 18:16	07:11 16:39	06:47 16:31
18	07:21 16:57	06:50 17:35	06:07 18:07	06:16 19:41	05:38 20:12	05:25 20:33	05:48-06:05/17 20:28	05:40 19:54	06:10 19:04	06:41 18:15	07:12 16:38	06:49 16:31
19	07:20 16:58	06:49 17:36	06:05 18:08	06:15 19:42	05:37 20:13	05:25 20:34	05:48-06:05/17 20:28	05:41 19:53	06:11 19:02	06:42 18:13	07:13 16:37	06:50 16:31
20	07:20 16:59	06:48 17:38	06:03 18:09	06:13 19:43	05:37 20:14	05:25 20:34	05:48-06:05/17 20:27	05:42 19:51	06:12 19:01	06:43 18:12	07:14 16:36	06:51 16:32
21	07:19 17:00	06:46 17:39	06:02 18:11	06:12 19:44	05:36 20:15	05:26 20:34	05:48-06:05/17 20:26	05:43 19:50	06:13 18:59	06:44 18:10	07:16 16:36	06:52 16:32
22	07:18 17:02	06:45 17:40	06:00 18:12	06:10 19:45	05:35 20:16	05:26 20:34	05:48-06:05/17 20:25	05:44 19:48	06:14 18:57	06:45 18:09	07:17 16:35	06:53 16:33
23	07:18 17:03	06:43 17:41	05:58 18:13	06:09 19:46	05:34 20:16	05:26 20:35	05:49-06:06/17 20:24	05:45 19:47	06:15 18:56	06:46 18:07	07:18 16:34	06:54 16:33
24	07:17 17:04	06:42 17:42	05:57 18:14	06:07 19:47	05:33 20:17	05:26 20:35	05:49-06:06/17 20:24	05:45 19:45	06:16 18:54	06:47 18:06	07:19 16:34	06:56 16:34
25	07:16 17:05	06:40 17:44	05:55 18:15	06:06 19:48	05:33 20:18	05:27 20:35	05:49-06:06/17 20:23	05:46 19:44	06:17 18:52	06:48 17:04	06:57 16:33	07:22 16:34
26	07:16 17:07	06:39 17:45	05:53 18:16	06:04 19:49	05:32 20:19	05:27 20:35	05:50-06:06/16 20:22	05:47 19:42	06:18 18:50	06:49 17:03	06:58 16:33	07:22 16:35
27	07:15 17:08	06:37 17:46	05:52 18:17	06:03 19:50	05:31 20:20	05:27 20:35	05:50-06:06/16 20:21	05:48 19:41	06:19 18:49	06:50 17:22	06:59 16:32	07:22 16:36
28	07:14 17:09	06:36 17:47	05:50 18:18	06:02 19:51	05:31 20:21	05:28 20:35	05:50-06:06/16 20:20	05:49 19:39	06:20 18:47	06:51 17:00	06:24 16:32	07:00 16:36
29	07:13 17:10	06:48 19:19	06:48 19:52	06:00 20:22	05:30 20:22	05:28 20:35	05:51-06:06/15 20:19	05:50 19:37	06:21 18:45	06:52 16:59	06:25 16:31	07:01 16:37
30	07:12 17:12	06:47 19:20	06:47 19:53	05:59 20:22	05:30 20:22	05:28 20:35	05:51-06:06/15 20:18	05:51 19:36	06:22 18:44	06:53 16:58	06:26 16:31	07:02 16:38
31	07:11 17:13	06:45 19:21	06:45 19:21	05:59 20:23	05:30 20:23	05:29 20:35	05:50-05:51/1 20:17	05:52 19:34	06:23 16:56	06:27 16:31	06:27 16:39	07:23 16:39
Ore potenziali eliofanìa	297	297	369	399	449	453	459	428	375	345	298	288
Somma minuti d'ombra	0	0	0	0	1	413	109	0	0	0	0	0

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C02 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (2)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:24 15:49-16:13/24 16:40	07:10 16:01-16:28/27 17:14	06:34 17:48	06:43 19:22	05:57 19:54	05:28 20:24	05:29 20:35	05:53 20:16	06:24 19:33	06:54 18:42	06:28 16:55	07:03 15:32-16:06/34 16:31
2	07:24 15:49-16:14/25 16:40	07:09 16:02-16:27/25 17:15	06:33 17:49	06:42 19:23	05:56 19:55	05:28 20:25	05:29 20:35	05:54 20:15	06:25 19:31	06:55 18:40	06:29 16:54	07:04 15:33-16:05/32 16:30
3	07:24 15:49-16:15/26 16:41	07:08 16:04-16:25/21 17:16	06:31 17:50	06:40 19:24	05:55 19:56	05:28 20:25	05:30 20:35	05:55 20:14	06:26 19:29	06:56 18:39	06:31 16:53	07:05 15:34-16:05/31 16:30
4	07:24 15:49-16:16/27 16:42	07:07 16:07-16:23/16 17:18	06:30 17:52	06:38 19:26	05:54 19:57	05:27 20:26	05:30 20:34	05:56 20:12	06:27 19:28	06:57 18:37	06:32 16:51	07:06 15:34-16:05/31 16:30
5	07:24 15:49-16:17/28 16:43	07:06 16:10-16:20/10 17:19	06:28 17:53	06:37 19:27	05:52 19:58	05:27 20:27	05:31 20:34	05:57 20:11	06:28 19:26	06:58 18:35	06:33 16:50	07:07 15:35-16:04/29 16:30
6	07:24 15:50-16:18/28 16:44	07:05 17:20	06:26 17:54	06:35 19:28	05:51 20:00	05:26 20:27	05:32 20:34	05:58 20:10	06:29 19:24	06:59 18:34	06:34 16:49	07:08 15:36-16:04/28 16:30
7	07:24 15:50-16:19/29 16:45	07:04 17:21	06:25 17:55	06:33 19:29	05:50 20:01	05:26 20:28	05:32 20:34	05:59 20:09	06:30 19:23	07:00 18:32	06:35 16:48	07:09 15:36-16:04/28 16:30
8	07:24 15:50-16:21/31 16:46	07:03 17:23	06:23 17:56	06:32 19:30	05:49 20:02	05:26 20:29	05:33 20:33	06:00 20:08	06:31 19:21	07:01 18:30	06:37 16:47	07:10 15:37-16:04/27 16:29
9	07:24 15:50-16:21/31 16:47	07:02 17:24	06:22 17:57	06:30 19:31	05:48 20:03	05:26 20:29	05:33 20:33	06:01 20:06	06:32 19:19	07:02 18:29	06:38 16:46	07:11 15:38-16:04/26 16:29
10	07:23 15:50-16:22/32 16:48	07:00 17:25	06:20 17:58	06:29 19:32	05:46 20:04	05:26 20:30	05:34 20:33	06:02 20:05	06:33 19:18	07:03 18:27	06:39 16:45	07:12 15:39-16:04/25 16:29
11	07:23 15:50-16:24/34 16:49	06:59 17:26	06:18 18:00	06:27 19:33	05:45 20:05	05:25 20:30	05:35 20:32	06:03 20:04	06:34 19:16	07:04 18:25	06:40 16:44	07:13 15:39-16:03/24 16:30
12	07:23 15:50-16:24/34 16:50	06:58 17:28	06:17 18:01	06:25 19:34	05:44 20:06	05:25 20:31	05:36 20:32	06:04 20:02	06:35 19:14	07:06 18:24	06:41 16:43	07:14 15:40-16:04/24 16:30
13	07:23 15:51-16:26/35 16:51	06:57 17:29	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31	05:36 20:31	06:05 20:01	06:36 19:13	07:07 18:22	06:43 16:42	07:14 15:41-16:04/23 16:30
14	07:22 15:51-16:27/36 16:52	06:56 17:30	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32	05:37 20:31	06:06 20:00	06:37 19:11	07:08 18:21	06:44 16:41	07:15 15:42-16:04/22 16:30
15	07:22 15:51-16:28/37 16:53	06:54 17:31	06:12 18:04	06:21 19:37	05:41 20:09	05:25 20:32	05:38 20:30	06:07 19:58	06:38 19:09	07:09 18:19	06:45 16:40	07:16 15:41-16:04/23 16:30
16	07:21 15:51-16:29/38 16:55	06:53 17:33	06:10 18:05	06:19 19:38	05:40 20:10	05:25 20:33	05:39 20:29	06:08 19:57	06:39 19:07	07:10 18:18	06:46 16:39	07:17 15:42-16:04/22 16:30
17	07:21 15:51-16:29/38 16:56	06:52 17:34	06:08 18:06	06:18 19:39	05:39 20:11	05:25 20:33	05:39 20:29	06:09 19:56	06:40 19:06	07:11 18:16	06:47 16:38	07:17 15:43-16:05/22 16:31
18	07:21 15:52-16:30/38 16:57	06:50 17:35	06:07 18:07	06:16 19:40	05:38 20:12	05:25 20:33	05:40 20:28	06:11 19:54	06:41 19:04	07:12 18:15	06:49 16:38	07:18 15:43-16:05/22 16:31
19	07:20 15:52-16:30/38 16:58	06:49 17:36	06:05 18:08	06:14 19:42	05:37 20:13	05:25 20:34	05:41 20:27	06:11 19:53	06:42 19:02	07:13 18:13	06:50 16:37	07:19 15:44-16:05/21 16:31
20	07:19 15:52-16:30/38 16:59	06:47 17:37	06:03 18:09	06:13 19:43	05:36 20:14	05:25 20:34	05:42 20:27	06:12 19:51	06:43 19:01	07:14 18:12	06:51 16:36	07:19 15:45-16:06/21 16:32
21	07:19 15:53-16:31/38 17:00	06:46 17:39	06:02 18:11	06:11 19:44	05:36 20:15	05:26 20:34	05:43 20:26	06:13 19:50	06:44 18:59	07:15 18:10	06:52 16:36	07:20 15:45-16:06/21 16:32
22	07:18 15:53-16:31/38 17:02	06:45 17:40	06:00 18:12	06:10 19:45	05:35 20:15	05:26 20:34	05:44 20:25	06:14 19:48	06:45 18:57	07:17 18:09	06:53 16:35	07:20 15:46-16:07/21 16:33
23	07:18 15:53-16:31/38 17:03	06:43 17:41	05:58 18:13	06:09 19:46	05:34 20:16	05:26 20:35	05:44 20:24	06:15 19:47	06:46 18:55	07:18 18:07	06:54 16:34	07:21 15:46-16:07/21 16:33
24	07:17 15:55-16:32/37 17:04	06:42 17:42	05:57 18:14	06:07 19:47	05:33 20:17	05:26 20:35	05:45 20:24	06:16 19:45	06:47 18:54	07:19 18:06	06:55 16:34	07:21 15:46-16:07/21 16:34
25	07:16 15:55-16:31/36 17:05	06:40 17:43	05:55 18:15	06:06 19:48	05:33 20:18	05:27 20:35	05:46 20:23	06:17 19:44	06:48 18:52	07:20 18:04	06:57 16:33	07:22 15:47-16:09/22 16:34
26	07:15 15:55-16:31/36 17:06	06:39 17:45	05:53 18:16	06:04 19:49	05:32 20:19	05:27 20:35	05:47 20:22	06:18 19:42	06:49 18:50	07:21 18:03	06:58 16:33	07:22 15:47-16:09/22 16:35
27	07:15 15:56-16:31/35 17:08	06:37 17:46	05:52 18:17	06:03 19:50	05:31 20:20	05:27 20:35	05:48 20:21	06:19 19:41	06:50 18:49	07:22 18:01	06:59 16:32	07:22 15:47-16:09/22 16:36
28	07:14 15:57-16:30/33 17:09	06:36 17:47	05:50 18:18	06:01 19:51	05:31 20:21	05:28 20:35	05:49 20:20	06:20 19:39	06:51 18:47	07:23 18:00	07:00 16:32	07:23 15:48-16:11/23 16:36
29	07:13 15:57-16:30/33 17:10	06:34 17:48	05:48 18:19	06:00 19:52	05:30 20:22	05:28 20:35	05:50 20:19	06:21 19:37	06:52 18:45	07:24 18:00	07:01 16:31	07:23 15:48-16:11/23 16:37
30	07:12 15:58-16:29/31 17:11	06:32 17:49	05:47 18:20	05:59 19:53	05:29 20:23	05:28 20:35	05:51 20:18	06:22 19:36	06:53 18:44	07:25 18:00	07:02 16:31	07:23 15:49-16:12/23 16:38
31	07:11 16:00-16:28/28 17:13	06:30 17:50	05:45 19:21	06:45 20:23	05:29 20:23	05:29 20:35	05:52 20:17	06:23 19:34	06:27 18:44	07:26 16:56	06:27 16:31	07:23 15:49-16:12/23 16:39
Ore potenziali eliofanía	297	297	369	399	449	453	459	428	375	345	298	288
Somma minuti d'ombra	1030	99	0	0	0	0	0	0	0	0	817	757

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C03 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (3)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:24 16:40	07:10 17:14	06:34 17:48	06:43 07:02-07:38/36 19:22	05:57 19:29-19:32/3 19:54	05:29 19:21-19:42/21 20:24
2	07:24 16:41	07:09 17:15	06:33 17:49	06:42 07:00-07:36/36 19:23	05:56 19:25-19:32/7 19:55	05:28 19:22-19:42/20 20:25
3	07:24 16:41	07:08 17:17	06:31 17:51	06:40 07:01-07:36/35 19:25	05:55 19:23-19:33/10 19:56	05:28 19:22-19:41/19 20:25
4	07:24 16:42	07:07 17:18	06:30 17:52	06:38 07:01-07:35/34 19:26	05:54 19:22-19:34/12 19:58	05:27 19:23-19:41/18 20:26
5	07:24 16:43	07:06 17:19	06:28 17:53	06:37 07:01-07:33/32 19:27	05:52 19:21-19:35/14 19:59	05:27 19:24-19:40/16 20:27
6	07:24 16:44	07:05 17:20	06:26 17:54	06:35 07:03-07:32/29 19:28	05:51 19:20-19:37/17 20:00	05:27 19:25-19:39/14 20:27
7	07:24 16:45	07:04 17:22	06:25 17:55	06:33 07:04-07:30/26 19:29	05:50 19:20-19:38/18 20:01	05:26 19:26-19:39/13 20:28
8	07:24 16:46	07:03 17:23	06:23 17:56	06:32 07:05-07:27/22 19:30	05:49 19:18-19:38/20 20:02	05:26 19:27-19:38/11 20:29
9	07:24 16:47	07:02 17:24	06:22 17:57	06:30 07:08-07:25/17 19:31	05:48 19:17-19:39/22 20:03	05:26 19:29-19:37/8 20:29
10	07:23 16:48	07:01 17:25	06:20 17:58	06:29 07:11-07:20/9 19:32	05:46 19:17-19:40/23 20:04	05:26 19:30-19:36/6 20:30
11	07:23 16:49	06:59 17:27	06:18 18:00	06:27 19:33	05:45 19:16-19:41/25 20:05	05:25 20:30
12	07:23 16:50	06:58 17:28	06:17 18:01	06:25 19:34	05:44 19:15-19:42/27 20:06	05:25 20:31
13	07:23 16:51	06:57 17:29	06:15 18:02	06:24 19:35	05:43 19:15-19:43/28 20:07	05:25 20:31
14	07:22 16:52	06:56 17:30	06:13 18:03	06:22 19:10-19:14/4 19:36	05:42 19:15-19:44/29 20:08	05:25 20:32
15	07:22 16:54	06:54 17:31	06:12 18:04	06:21 19:06-19:15/9 19:37	05:41 19:14-19:44/30 20:09	05:25 20:32
16	07:22 16:55	06:53 17:33	06:10 18:05	06:19 19:05-19:17/12 19:38	05:40 19:14-19:44/30 20:10	05:25 20:33
17	07:21 16:56	06:52 17:34	06:08 06:27-06:31/4 18:06	06:18 19:03-19:17/14 19:39	05:39 19:15-19:45/30 20:11	05:25 20:33
18	07:21 16:57	06:50 17:35	06:07 06:25-06:34/9 18:07	06:16 19:02-19:19/17 19:40	05:38 19:15-19:45/30 20:12	05:25 20:33
19	07:20 16:58	06:49 17:36	06:05 06:24-06:36/12 18:08	06:15 19:01-19:19/18 19:42	05:37 19:15-19:45/30 20:13	05:25 20:34
20	07:20 16:59	06:48 17:38	06:03 06:22-06:37/15 18:09	06:13 19:01-19:21/20 19:43	05:37 19:15-19:45/30 20:14	05:25 20:34
21	07:19 17:00	06:46 17:39	06:02 06:20-06:38/18 18:11	06:12 19:00-19:21/21 19:44	05:36 19:15-19:45/30 20:15	05:26 20:34
22	07:18 17:02	06:45 17:40	06:00 06:19-06:39/20 18:12	06:10 19:00-19:22/22 19:45	05:35 19:16-19:45/29 20:15	05:26 20:34
23	07:18 17:03	06:43 17:41	05:58 06:17-06:39/22 18:13	06:09 18:59-19:22/23 19:46	05:34 19:16-19:45/29 20:16	05:26 20:35
24	07:17 17:04	06:42 17:42	05:57 06:15-06:39/24 18:14	06:07 19:00-19:22/22 19:47	05:33 19:16-19:44/28 20:17	05:26 20:35
25	07:16 17:05	06:40 17:44	05:55 06:14-06:40/26 18:15	06:06 19:00-19:22/22 19:48	05:33 19:17-19:45/28 20:18	05:27 20:35
26	07:15 17:07	06:39 17:45	05:53 06:12-06:40/28 18:16	06:04 19:00-19:21/21 19:49	05:32 19:17-19:44/27 20:19	05:27 20:35
27	07:15 17:08	06:37 17:46	05:52 06:10-06:40/30 18:17	06:03 19:01-19:20/19 19:50	05:31 19:17-19:43/26 20:20	05:27 20:35
28	07:14 17:09	06:36 17:47	05:50 06:09-06:40/31 18:18	06:02 19:02-19:19/17 19:51	05:31 19:18-19:44/26 20:21	05:28 20:35
29	07:13 17:10		06:48 07:07-07:39/32 19:19	06:00 19:03-19:17/14 19:52	05:30 19:18-19:43/25 20:22	05:28 20:35
30	07:12 17:12		06:47 07:05-07:39/34 19:20	05:59 19:05-19:15/10 19:53	05:30 19:19-19:43/24 20:22	05:29 20:35
31	07:11 17:13		06:45 07:04-07:39/35 19:21		05:29 19:19-19:42/23 20:23	
Ore potenziali eliofanía	297	297	369	399	449	453
Somma minuti d'ombra	0	0	340	561	730	146

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C03 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (3)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:35	05:53 19:26-19:52/26 20:16	06:24 19:33	06:54 18:42	06:28 16:55	07:03 16:31
2	05:29 19:35-19:40/5 20:35	05:54 19:27-19:51/24 20:15	06:25 07:10-07:19/9 19:31	06:55 18:40	06:29 16:54	07:04 16:30
3	05:30 19:34-19:42/8 20:35	05:55 19:27-19:50/23 20:14	06:26 07:06-07:23/17 19:29	06:56 18:39	06:31 16:53	07:05 16:30
4	05:31 19:33-19:43/10 20:34	05:56 19:28-19:49/21 20:13	06:27 07:03-07:25/22 19:28	06:57 18:37	06:32 16:52	07:06 16:30
5	05:31 19:32-19:44/12 20:34	05:57 19:29-19:48/19 20:11	06:28 07:01-07:27/26 19:26	06:58 18:35	06:33 16:50	07:07 16:30
6	05:32 19:31-19:45/14 20:34	05:58 19:30-19:47/17 20:10	06:29 06:58-07:27/29 19:24	06:59 18:34	06:34 16:49	07:08 16:30
7	05:32 19:31-19:46/15 20:34	05:59 19:30-19:46/16 20:09	06:30 06:56-07:28/32 19:23	07:00 18:32	06:35 16:48	07:09 16:30
8	05:33 19:31-19:47/16 20:33	06:00 19:31-19:45/14 20:08	06:31 06:55-07:29/34 19:21	07:01 18:30	06:37 16:47	07:10 16:30
9	05:34 19:29-19:48/19 20:33	06:01 19:32-19:44/12 20:06	06:32 06:54-07:29/35 19:19	07:02 18:29	06:38 16:46	07:11 16:30
10	05:34 19:29-19:49/20 20:33	06:02 19:33-19:42/9 20:05	06:33 06:53-07:30/37 19:18	07:03 18:27	06:39 16:45	07:12 16:30
11	05:35 19:29-19:50/21 20:32	06:03 19:34-19:40/6 20:04	06:34 06:54-07:30/36 19:16	07:04 18:26	06:40 16:44	07:13 16:30
12	05:36 19:28-19:50/22 20:32	06:04 19:16-19:20/4 20:03	06:35 06:55-07:30/35 19:14	07:06 18:24	06:41 16:43	07:14 16:30
13	05:36 19:28-19:51/23 20:31	06:05 19:12-19:23/11 20:01	06:36 06:56-07:30/34 19:13	07:07 18:22	06:43 16:42	07:14 16:30
14	05:37 19:28-19:52/24 20:31	06:06 19:10-19:25/15 20:00	06:37 06:57-07:30/33 19:11	07:08 18:21	06:44 16:41	07:15 16:30
15	05:38 19:27-19:52/25 20:30	06:07 19:09-19:26/17 19:58	06:38 06:58-07:29/31 19:09	07:09 18:19	06:45 16:40	07:16 16:30
16	05:39 19:27-19:52/25 20:30	06:08 19:08-19:27/19 19:57	06:39 06:59-07:29/30 19:08	07:10 18:18	06:46 16:39	07:17 16:31
17	05:39 19:26-19:53/27 20:29	06:09 19:07-19:28/21 19:56	06:40 07:00-07:28/28 19:06	07:11 18:16	06:47 16:39	07:17 16:31
18	05:40 19:26-19:54/28 20:28	06:10 19:06-19:28/22 19:54	06:41 07:01-07:28/27 19:04	07:12 18:15	06:49 16:38	07:18 16:31
19	05:41 19:26-19:54/28 20:28	06:11 19:05-19:28/23 19:53	06:42 07:02-07:27/25 19:02	07:13 18:13	06:50 16:37	07:19 16:32
20	05:42 19:25-19:54/29 20:27	06:12 19:05-19:28/23 19:51	06:43 07:03-07:26/23 19:01	07:14 18:12	06:51 16:36	07:19 16:32
21	05:43 19:25-19:55/30 20:26	06:13 19:05-19:27/22 19:50	06:44 07:04-07:25/21 18:59	07:16 18:10	06:52 16:36	07:20 16:32
22	05:44 19:25-19:55/30 20:25	06:14 19:04-19:26/22 19:48	06:45 07:05-07:23/18 18:57	07:17 18:09	06:53 16:35	07:20 16:33
23	05:45 19:25-19:55/30 20:24	06:15 19:04-19:24/20 19:47	06:46 07:06-07:22/16 18:56	07:18 18:07	06:54 16:34	07:21 16:33
24	05:45 19:25-19:56/31 20:24	06:16 19:05-19:23/18 19:45	06:47 07:07-07:20/13 18:54	07:19 18:06	06:56 16:34	07:21 16:34
25	05:46 19:25-19:56/31 20:23	06:17 19:05-19:21/16 19:44	06:48 07:08-07:18/10 18:52	06:20 17:04	06:57 16:33	07:22 16:34
26	05:47 19:25-19:56/31 20:22	06:18 19:06-19:20/14 19:42	06:49 07:09-07:15/6 18:50	06:21 17:03	06:58 16:33	07:22 16:35
27	05:48 19:25-19:55/30 20:21	06:19 19:07-19:18/11 19:41	06:50 07:10-07:11/1 18:49	06:22 17:02	06:59 16:32	07:22 16:36
28	05:49 19:25-19:55/30 20:20	06:20 19:08-19:17/9 19:39	06:51 18:47	06:24 17:00	07:00 16:32	07:23 16:36
29	05:50 19:25-19:55/30 20:19	06:21 19:11-19:15/4 19:37	06:52 18:45	06:25 16:59	07:01 16:31	07:23 16:37
30	05:51 19:25-19:54/29 20:18	06:22 19:36 19:36	06:53 18:44	06:26 16:58	07:02 16:31	07:23 16:38
31	05:52 19:26-19:53/27 20:17	06:23 19:34		06:27 16:56		07:23 16:39
Ore potenziali eliofanía	459	428	375	345	298	288
Somma minuti d'ombra	700	478	628	0	0	0

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C04 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (4)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:24 07:46-07:51/5 16:40	07:10 07:36-07:55/19 17:14	06:34 16:29-17:06/37 17:48 07:17-08:11/54	06:43 17:12-18:33/81 19:22	05:57 19:03-19:11/8 19:54	05:28 18:58-19:45/47 20:24
2	07:24 07:46-07:52/6 16:41	07:09 07:34-07:58/24 17:15	06:33 16:27-17:17/50 17:49 07:18-08:10/52	06:42 17:12-18:32/80 19:23	05:56 19:55	05:28 18:59-19:45/46 20:25
3	07:24 07:46-07:53/7 16:41	07:08 07:31-08:01/30 17:16	06:31 16:24-17:20/56 17:50 07:19-08:08/49	06:40 17:13-18:31/78 19:24	05:55 19:56	05:28 18:59-19:45/46 20:25
4	07:24 07:46-07:53/7 16:42	07:07 07:28-08:03/35 17:18	06:30 16:22-17:22/60 17:52 07:19-08:07/48	06:38 17:15-18:31/76 19:25	05:54 19:15-19:26/11 19:57	05:27 18:59-19:45/46 20:26
5	07:24 07:46-07:54/8 16:43	07:06 07:26-08:05/39 17:19	06:28 16:21-17:24/63 17:53 07:21-08:06/45	06:37 17:15-18:30/75 19:27	05:52 19:11-19:29/18 19:58	05:27 19:00-19:45/45 20:27
6	07:24 07:46-07:55/9 16:44	07:05 16:41-16:49/8 17:20 07:25-08:06/41	06:26 16:19-17:25/66 17:54 07:23-08:04/41	06:35 19:00-19:06/6 19:28 17:17-18:30/73	05:51 19:09-19:32/23 19:59	05:27 18:59-19:45/46 20:27
7	07:24 07:46-07:56/10 16:45	07:04 16:38-16:53/15 17:21 07:24-08:08/44	06:25 16:18-17:27/69 17:55 07:25-08:02/37	06:33 18:58-19:07/9 19:29 17:18-18:29/71	05:50 19:07-19:34/27 20:01	05:26 19:00-19:45/45 20:28
8	07:24 07:46-07:57/11 16:46	07:03 16:35-16:54/19 17:23 07:23-08:09/46	06:23 16:16-17:27/71 17:58 07:32-07:54/22	06:32 18:55-19:08/13 19:30 17:20-18:27/67	05:49 19:05-19:34/29 20:02	05:26 19:00-19:45/45 20:29
9	07:24 07:45-07:57/12 16:47	07:02 16:33-16:56/23 17:24 07:21-08:10/49	06:22 16:15-17:28/73 17:57 07:29-07:57/28	06:30 18:55-19:10/15 19:31 17:22-18:27/65	05:48 19:04-19:36/32 20:03	05:26 19:01-19:46/45 20:29
10	07:23 07:45-07:58/13 16:48	07:00 16:32-16:58/26 17:25 07:20-08:11/51	06:20 16:14-17:29/75 17:58 07:32-07:54/22	06:29 18:53-19:10/17 19:30 17:24-18:25/61	05:46 19:02-19:37/35 20:04	05:26 19:01-19:46/45 20:30
11	07:23 07:45-07:59/14 16:49	06:59 16:32-16:59/27 17:26 07:19-08:12/53	06:18 16:13-17:29/76 18:00 07:36-07:49/13	06:27 18:52-19:11/19 19:33 17:27-18:24/57	05:45 19:02-19:38/36 20:05	05:25 19:01-19:45/44 20:30
12	07:23 07:45-08:00/15 16:50	06:58 16:31-17:00/29 17:28 07:19-08:13/54	06:17 16:12-17:29/77 18:01	06:25 18:52-19:12/20 19:34 17:33-18:23/50	05:44 19:01-19:39/38 20:06	05:25 19:01-19:45/44 20:31
13	07:23 07:44-08:00/16 16:51	06:57 16:30-17:00/30 17:29 07:17-08:13/56	06:15 16:12-17:29/77 18:02	06:24 18:51-19:13/22 19:35 17:36-18:21/45	05:43 19:00-19:39/39 20:07	05:25 19:01-19:45/44 20:31
14	07:22 07:44-08:01/17 16:52	06:55 16:29-17:01/32 17:30 07:17-08:14/57	06:13 16:11-17:29/78 18:03	06:22 18:52-19:14/22 19:36 17:38-18:20/42	05:42 18:59-19:40/41 20:08	05:25 19:02-19:45/43 20:32
15	07:22 07:43-08:00/17 16:54	06:54 16:29-17:02/33 17:31 07:17-08:15/58	06:12 16:10-17:29/79 18:04	06:21 18:51-19:15/24 19:37 17:39-18:17/38	05:41 18:59-19:40/41 20:09	05:25 19:02-19:46/44 20:32
16	07:21 07:43-08:01/18 16:55	06:53 16:28-17:02/34 17:33 07:16-08:14/58	06:10 16:10-17:30/80 18:05	06:19 18:52-19:17/25 19:38 17:41-18:16/35	05:40 18:58-19:41/43 20:10	05:25 19:02-19:46/44 20:33
17	07:21 07:42-08:01/19 16:56	06:52 16:28-17:02/34 17:34 07:16-08:15/59	06:08 16:09-17:31/82 18:06	06:18 18:53-19:17/24 19:39 17:43-18:13/30	05:39 18:59-19:42/43 20:11	05:25 19:02-19:46/44 20:33
18	07:21 07:42-08:02/20 16:57	06:50 16:28-17:02/34 17:35 07:16-08:16/60	06:07 16:09-17:32/83 18:07	06:16 18:54-19:19/25 19:40 17:46-18:10/24	05:38 18:58-19:42/44 20:12	05:25 19:04-19:47/43 20:33
19	07:20 07:41-08:02/21 16:58	06:49 16:28-17:02/34 17:36 07:15-08:15/60	06:05 16:09-17:33/84 18:08	06:14 18:55-19:19/24 19:41 17:49-18:06/17	05:37 18:58-19:43/45 20:13	05:25 19:04-19:47/43 20:34
20	07:19 07:40-08:01/21 16:59	06:47 16:29-17:02/33 17:37 07:15-08:16/61	06:03 16:08-17:33/85 18:09	06:13 18:57-19:21/24 19:43	05:37 18:57-19:43/46 20:14	05:25 19:04-19:47/43 20:34
21	07:19 07:41-08:02/21 17:00	06:46 16:28-17:01/33 17:39 07:14-08:15/61	06:02 16:08-17:34/86 18:10	06:11 18:56-19:21/25 19:44	05:36 18:57-19:43/46 20:14	05:26 19:04-19:47/43 20:34
22	07:18 07:41-08:01/20 17:02	06:45 16:29-17:01/32 17:40 07:15-08:15/60	06:00 16:08-17:35/87 18:12	06:10 18:56-19:21/25 19:45	05:35 18:57-19:44/47 20:15	05:26 19:04-19:47/43 20:34
23	07:18 07:42-08:01/19 17:03	06:43 16:29-17:00/31 17:41 07:14-08:14/60	05:58 16:08-17:35/87 18:13	06:09 18:55-19:20/25 19:46	05:34 18:57-19:44/47 20:16	05:26 19:05-19:48/43 20:34
24	07:17 07:44-08:01/17 17:04	06:42 16:30-17:00/30 17:42 07:15-08:14/59	05:57 16:08-17:34/86 18:14	06:07 18:56-19:20/24 19:47	05:33 18:57-19:43/46 20:17	05:26 19:05-19:48/43 20:35
25	07:16 07:45-08:00/15 17:05	06:40 16:31-16:58/27 17:43 07:15-08:13/58	05:55 16:09-17:35/86 18:15	06:06 18:56-19:20/24 19:48	05:33 18:58-19:44/46 20:18	05:27 19:05-19:48/43 20:35
26	07:15 07:46-07:59/13 17:07	06:39 16:32-16:57/25 17:45 07:16-08:13/57	05:53 16:09-17:35/86 18:16	06:04 18:56-19:18/22 19:49	05:32 18:57-19:44/47 20:19	05:27 19:04-19:48/44 20:35
27	07:15 07:48-07:57/9 17:08	06:37 16:33-17:00/27 17:46 07:15-08:12/57	05:52 16:09-17:34/85 18:17	06:03 18:57-19:18/21 19:50	05:31 18:57-19:44/47 20:20	05:27 19:05-19:49/44 20:35
28	07:14 17:09	06:36 16:32-17:04/32 17:47 07:17-08:12/55	05:50 16:09-17:34/85 18:18	06:01 18:58-19:17/19 19:51	05:31 18:58-19:44/46 20:21	05:28 19:05-19:49/44 20:35
29	07:13 17:10		06:48 17:10-18:34/84 19:19	06:00 18:58-19:15/17 19:52	05:30 18:57-19:44/47 20:21	05:28 19:06-19:49/43 20:35
30	07:12 17:11		06:47 17:10-18:34/84 19:20	05:59 19:00-19:13/13 19:53	05:30 18:58-19:45/47 20:22	05:28 19:05-19:49/44 20:35
31	07:11 17:13		06:45 17:10-18:33/83 19:21		05:29 18:58-19:44/46 20:23	
Ore potenziali eliofanìa	297	297	369	399	448	452
Somma minuti d'ombra	391	2069	2782	1569	1111	1326

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C04 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (4)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 19:06-19:50/44 20:35	05:53 19:12-19:49/37 20:16	06:24 18:52-19:11/19 19:33 17:27-18:24/57	06:54 16:51-18:08/77 18:42	06:28 16:02-16:27/25 16:55 06:50-07:41/51	07:03 07:27-07:41/14 16:31
2	05:29 19:05-19:50/45 20:35	05:54 19:12-19:48/36 20:15	06:25 18:51-19:08/17 19:31 17:23-18:24/61	06:55 16:51-18:08/77 18:40 08:18-08:23/5	06:29 16:03-16:26/23 16:54 06:51-07:39/48	07:04 07:28-07:41/13 16:30
3	05:30 19:06-19:51/45 20:35	05:55 19:13-19:47/34 20:14	06:26 18:52-19:07/15 19:29 17:19-18:24/65	06:56 16:52-18:07/75 18:39 08:11-08:30/19	06:31 16:05-16:24/19 16:53 06:52-07:38/46	07:05 07:29-07:41/12 16:30
4	05:30 19:06-19:50/44 20:34	05:56 19:15-19:46/31 20:12	06:27 18:52-19:05/13 19:28 17:17-18:24/67	06:57 16:52-18:06/74 18:37 08:08-08:33/25	06:32 16:08-16:22/14 16:51 06:54-07:38/44	07:06 07:30-07:41/11 16:30
5	05:31 19:06-19:51/45 20:34	05:57 19:16-19:45/29 20:11	06:28 18:54-19:03/9 19:26 17:15-18:25/70	06:58 16:53-18:05/72 18:35 08:05-08:35/30	06:33 16:12-16:18/6 16:50 06:55-07:36/41	07:07 07:31-07:41/10 16:30
6	05:32 19:06-19:51/45 20:34	05:58 19:18-19:43/25 20:10	06:29 18:56-19:02/6 19:24 17:12-18:25/73	06:59 16:53-18:03/70 18:34 08:02-08:37/35	06:34 06:57-07:34/37 16:49	07:08 07:32-07:41/9 16:30
7	05:32 19:06-19:52/46 20:34	05:59 19:19-19:41/22 20:09	06:30 17:11-18:25/74 19:23	07:00 16:54-18:02/68 18:32 07:59-08:38/39	06:35 06:59-07:33/34 16:48	07:09 07:33-07:41/8 16:30
8	05:33 19:05-19:51/46 20:33	06:00 19:22-19:38/16 20:08	06:31 17:09-18:25/76 19:21	07:01 16:55-18:00/65 18:30 07:57-08:40/43	06:37 07:02-07:32/30 16:47	07:10 07:34-07:41/7 16:30
9	05:34 19:06-19:52/46 20:33	06:01 19:27-19:33/6 20:06	06:32 17:07-18:26/79 19:19	07:02 16:56-17:58/62 18:29 07:56-08:42/46	06:38 07:05-07:29/24 16:46	07:11 07:35-07:42/7 16:29
10	05:34 19:06-19:52/46 20:32	06:02 20:05	06:33 17:05-18:26/81 19:18	07:03 16:58-17:56/58 18:27 07:54-08:43/49	06:39 07:07-07:26/19 16:45	07:12 07:36-07:42/6 16:30
11	05:35 19:06-19:52/46 20:32	06:03 20:04	06:34 17:04-18:25/81 19:16	07:04 17:00-17:53/53 18:25 07:52-08:43/51	06:40 07:13-07:22/9 16:44	07:13 07:36-07:41/5 16:30
12	05:36 19:06-19:52/46 20:32	06:04 19:10-19:20/10 20:02	06:35 17:03-18:25/82 19:14	07:05 17:01-17:48/47 18:24 07:51-08:44/53	06:41 16:43	07:13 07:37-07:41/4 16:30
13	05:36 19:06-19:53/47 20:31	06:05 19:08-19:22/14 20:01	06:36 17:01-18:25/84 19:13	07:07 17:03-17:38/35 18:22 07:50-08:44/54	06:43 16:42	07:14 07:38-07:42/4 16:30
14	05:37 19:07-19:53/46 20:31	06:06 19:06-19:23/17 20:00	06:37 17:00-18:25/85 19:11	07:08 17:06-17:35/29 18:21 07:49-08:45/56	06:44 16:41	07:15 07:39-07:42/3 16:30
15	05:38 19:06-19:53/47 20:30	06:07 19:05-19:24/19 19:58	06:38 16:59-18:24/85 19:09	07:09 17:05-17:31/26 18:19 07:48-08:45/57	06:45 07:21-07:30/9 16:40	07:16 07:40-07:42/2 16:30
16	05:39 19:06-19:53/47 20:29	06:08 19:03-19:25/22 19:57	06:39 16:58-18:24/86 19:07	07:10 17:03-17:29/26 18:18 07:47-08:45/58	06:46 07:19-07:32/13 16:39	07:16 07:40-07:42/2 16:30
17	05:39 19:07-19:53/46 20:29	06:09 19:03-19:25/22 19:56	06:40 16:57-18:23/86 19:06	07:11 17:02-17:30/28 18:16 07:47-08:46/59	06:47 07:18-07:33/15 16:39	07:17 07:41-07:42/1 16:31
18	05:40 19:07-19:54/47 20:28	06:10 19:02-19:26/24 19:54	06:41 16:56-18:23/87 19:04	07:12 17:01-17:32/31 18:15 07:46-08:46/60	06:48 07:18-07:35/17 16:38	07:18 07:41-07:42/1 16:31
19	05:41 19:07-19:54/47 20:27	06:11 19:01-19:26/25 19:53	06:42 16:55-18:22/87 19:02	07:13 17:00-17:32/32 18:13 07:46-08:46/60	06:50 07:17-07:36/19 16:37	07:18 16:31
20	05:42 19:07-19:53/46 20:27	06:12 19:01-19:26/25 19:51	06:43 16:55-18:21/86 19:01	07:14 16:59-17:32/33 18:12 07:45-08:46/61	06:51 07:16-07:36/20 16:36	07:19 16:32
21	05:43 19:07-19:53/46 20:26	06:13 19:01-19:26/25 19:50	06:44 16:54-18:20/86 18:59	07:15 16:59-17:32/33 18:10 07:45-08:45/60	06:52 07:16-07:37/21 16:36	07:20 16:32
22	05:44 19:07-19:53/46 20:25	06:14 19:01-19:25/24 19:48	06:45 16:53-18:19/86 18:57	07:17 16:58-17:32/34 18:09 07:45-08:45/60	06:53 07:16-07:37/21 16:35	07:20 16:33
23	05:45 19:08-19:53/45 20:24	06:15 19:01-19:24/23 19:47	06:46 16:53-18:18/85 18:55	07:18 16:59-17:33/34 18:07 07:45-08:46/61	06:54 07:18-07:39/21 16:34	07:21 16:33
24	05:45 19:08-19:53/45 20:24	06:16 18:59-19:23/24 19:45	06:47 16:52-18:17/85 18:54	07:19 16:58-17:33/35 18:06 07:45-08:45/60	06:55 07:19-07:39/20 16:34	07:21 16:34
25	05:46 19:08-19:53/45 20:23	06:17 18:57-19:21/24 19:44	06:48 16:52-18:15/83 18:52	06:20 15:58-16:32/34 17:04 06:45-07:45/60	06:57 07:20-07:39/19 16:33	07:22 07:45-07:46/1 16:34
26	05:47 19:09-19:53/44 20:22	06:18 18:55-19:20/25 19:42	06:49 16:52-18:14/82 18:50	06:21 15:58-16:31/33 17:03 06:45-07:44/59	06:58 07:21-07:39/18 16:33	07:22 07:45-07:46/1 16:35
27	05:48 19:08-19:52/44 20:21	06:19 18:54-19:18/24 19:41	06:50 16:51-18:12/81 18:49	06:22 15:58-16:31/33 17:02 06:46-07:44/58	06:59 07:22-07:39/17 16:32	07:22 07:45-07:46/1 16:36
28	05:49 19:09-19:51/42 20:20	06:20 18:53-19:17/24 19:39	06:51 16:51-18:11/80 18:47	06:23 15:59-16:31/32 17:00 06:47-07:43/56	07:00 07:24-07:41/17 16:32	07:23 07:46-07:48/2 16:36
29	05:50 19:09-19:51/42 20:19	06:21 18:53-19:15/22 19:37	06:52 16:51-18:10/79 18:45	06:25 15:59-16:30/31 16:59 06:47-07:43/56	07:01 07:25-07:41/16 16:31	07:23 07:46-07:49/3 16:37
30	05:51 19:10-19:50/40 20:18	06:22 18:52-19:13/21 19:36	06:53 16:51-18:09/78 18:44	06:26 16:00-16:29/29 16:58 06:47-07:42/55	07:02 07:26-07:41/15 16:31	07:23 07:46-07:49/3 16:38
31	05:52 19:11-19:50/39 20:17	06:23 18:52-19:12/20 19:34		06:27 16:01-16:28/27 16:56 06:49-07:42/53		07:23 07:46-07:50/4 16:39
Ore potenziali eliofanía	459		375	345	298	288
Somma minuti d'ombra	1395	958	2456	2891	748	134

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C05 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (5)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:24 15:43-16:13/30 16:40 13:33-14:00/27	07:10 15:49-16:50/61 17:14	06:34 17:48	06:43 17:44-18:56/72 19:22	05:57 17:53-18:36/43 19:54	05:28 19:26-19:59/33 20:24 05:50-06:19/29
2	07:24 15:43-16:14/31 16:40 13:35-13:59/24	07:09 15:49-16:51/62 17:15	06:33 17:49	06:42 17:43-18:56/73 19:23	05:56 17:54-18:33/39 19:55	05:28 19:26-19:59/33 20:24 05:50-06:19/29
3	07:24 15:43-16:15/32 16:41 13:37-13:58/21	07:08 15:50-16:53/63 17:16	06:31 17:50	06:40 17:42-18:56/74 19:24	05:55 17:56-18:31/35 19:56	05:27 19:26-20:00/34 20:25 05:49-06:18/29
4	07:24 15:43-16:16/33 16:42 13:40-13:56/16	07:07 15:51-16:54/63 17:18	06:29 17:51	06:38 17:42-18:56/74 19:25	05:53 17:59-18:29/30 19:57	05:27 19:26-20:01/35 20:26 05:49-06:19/30
5	07:24 15:43-16:17/34 16:43 13:44-13:54/10	07:06 15:52-16:55/63 17:19	06:28 17:53	06:37 17:41-18:56/75 19:26	05:52 18:02-18:26/24 19:58	05:27 19:26-20:01/35 20:27 05:49-06:19/30
6	07:24 15:44-16:18/34 16:44	07:05 15:53-16:57/64 17:20	06:26 17:54	06:35 17:40-18:55/75 19:28	05:51 18:06-18:23/17 19:59	05:26 19:26-20:02/36 20:27 05:48-06:18/30
7	07:24 15:44-16:19/35 16:45	07:04 15:55-16:58/63 17:21	06:25 17:55	06:33 17:41-18:56/75 19:29	05:50 20:00	05:26 19:26-20:03/37 20:28 05:48-06:18/30
8	07:24 15:43-16:20/37 16:46	07:03 15:55-16:59/64 17:23	06:23 17:56	06:32 17:40-18:55/75 19:30	05:49 20:01	05:26 19:26-20:04/38 20:29 05:48-06:18/30
9	07:23 15:43-16:21/38 16:47	07:02 15:57-17:01/64 17:24	06:21 17:57	06:30 17:40-18:56/76 19:31	05:47 20:03	05:26 19:27-20:06/37 20:29 05:48-06:18/30
10	07:23 15:44-16:22/38 16:48	07:00 15:59-17:02/63 17:25	06:20 17:58	06:28 17:40-18:55/75 19:32	05:46 20:04	05:25 19:26-20:04/38 20:30 05:48-06:17/29
11	07:23 15:44-16:24/40 16:49	06:59 16:01-17:04/63 17:26	06:18 17:59	06:27 17:39-18:54/75 19:33	05:45 06:05-06:08/3 20:05	05:25 19:26-20:05/39 20:30 05:47-06:17/30
12	07:23 15:43-16:24/41 16:50	06:58 16:27-17:04/37 17:28 16:03-16:24/21	06:17 18:01	06:25 17:40-18:54/74 19:34	05:44 06:04-06:11/7 20:06	05:25 19:26-20:05/39 20:31 05:47-06:17/30
13	07:22 15:44-16:26/42 16:51	06:57 16:28-17:05/37 17:29 16:07-16:21/14	06:15 18:02	06:24 17:40-18:53/73 19:35	05:43 06:03-06:12/9 20:07	05:25 19:27-20:06/39 20:31 05:47-06:17/30
14	07:22 15:44-16:27/43 16:52	06:55 16:29-17:04/35 17:30	06:13 18:03	06:22 17:40-18:53/73 19:36	05:42 06:02-06:13/11 20:08	05:25 19:27-20:06/39 20:32 05:47-06:17/30
15	07:22 15:44-16:28/44 16:53	06:54 16:29-17:03/34 17:31	06:12 18:04	06:20 17:40-18:52/72 19:37	05:41 19:40-19:44/4 20:09 06:01-06:14/13	05:25 19:27-20:06/39 20:32 05:47-06:17/30
16	07:21 15:44-16:30/46 16:54	06:53 16:30-17:03/33 17:33	06:10 17:16-17:33/17 18:05	06:19 17:41-18:52/71 19:38	05:40 19:37-19:45/8 20:10 06:00-06:15/15	05:25 19:27-20:07/40 20:32 05:47-06:17/30
17	07:21 15:44-16:30/46 16:56	06:51 16:31-17:02/31 17:34	06:08 17:11-17:38/27 18:06	06:17 17:41-18:51/70 19:39	05:39 19:35-19:46/11 20:11 06:00-06:17/17	05:25 19:27-20:07/40 20:33 05:47-06:17/30
18	07:20 15:44-16:31/47 16:57	06:50 16:32-17:00/28 17:35	06:07 17:06-17:41/35 18:07	06:16 17:41-18:51/70 19:40	05:38 19:34-19:48/14 20:12 05:59-06:17/18	05:25 19:27-20:07/40 20:33 05:48-06:17/29
19	07:20 15:45-16:33/48 16:58	06:49 16:34-16:59/25 17:36	06:05 17:04-17:44/40 18:08	06:14 17:41-18:50/69 19:41	05:37 19:33-19:49/16 20:12 05:58-06:17/19	05:25 19:28-20:08/40 20:33 05:48-06:18/30
20	07:19 15:44-16:34/50 16:59	06:47 16:36-16:57/21 17:37	06:03 17:01-17:46/45 18:09	06:13 17:42-18:49/67 19:42	05:36 19:32-19:49/17 20:13 05:57-06:17/20	05:25 19:28-20:08/40 20:34 05:48-06:18/30
21	07:19 15:45-16:35/50 17:00	06:46 16:38-16:54/16 17:39	06:02 16:58-17:47/49 18:10	06:11 17:42-18:48/66 19:43	05:36 19:30-19:50/20 20:14 05:56-06:18/22	05:25 19:28-20:09/41 20:34 05:48-06:18/30
22	07:18 15:45-16:35/50 17:02	06:44 16:44-16:49/5 17:40	06:00 16:56-17:48/52 18:11	06:10 17:44-18:47/63 19:45	05:35 19:29-19:50/21 20:15 05:56-06:19/23	05:26 19:28-20:09/41 20:34 05:48-06:18/30
23	07:17 16:37-16:38/1 17:03 15:45-16:35/50	06:43 17:41	05:58 16:55-17:50/55 18:13	06:08 17:44-18:46/62 19:46	05:34 19:29-19:52/23 20:16 05:55-06:18/23	05:26 19:28-20:08/40 20:34 05:49-06:18/29
24	07:17 15:45-16:39/54 17:04	06:42 17:42	05:57 16:53-17:51/58 18:14	06:07 17:45-18:45/60 19:47	05:33 19:28-19:52/24 20:17 05:54-06:18/24	05:26 19:29-20:09/40 20:35 05:49-06:19/30
25	07:16 15:46-16:41/55 17:05	06:40 17:43	05:55 16:51-17:52/61 18:15	06:06 17:45-18:43/58 19:48	05:32 19:28-19:53/25 20:18 05:54-06:19/25	05:26 19:29-20:09/40 20:35 05:49-06:19/30
26	07:15 15:46-16:42/56 17:06	06:39 17:45	05:53 16:50-17:53/63 18:16	06:04 17:47-18:42/55 19:49	05:32 19:28-19:54/26 20:19 05:53-06:19/26	05:27 19:29-20:09/40 20:35 05:49-06:19/30
27	07:14 15:46-16:43/57 17:08	06:37 17:46	05:52 16:48-17:53/65 18:17	06:03 17:48-18:42/54 19:50	05:31 19:27-19:55/28 20:20 05:52-06:18/26	05:27 19:30-20:10/40 20:35 05:50-06:20/30
28	07:14 15:47-16:45/58 17:09	06:36 17:47	05:50 16:47-17:54/67 18:18	06:01 17:48-18:39/51 19:51	05:31 19:27-19:56/29 20:21 05:52-06:19/27	05:27 19:30-20:09/39 20:35 05:50-06:20/30
29	07:13 15:47-16:46/59 17:10		06:48 17:47-18:55/68 19:19	06:00 17:50-18:38/48 19:52	05:30 19:26-19:56/30 20:21 05:51-06:18/27	05:28 19:30-20:09/39 20:35 05:51-06:21/30
30	07:12 15:48-16:47/59 17:11		06:47 17:45-18:55/70 19:20	05:59 17:52-18:37/45 19:53	05:29 19:27-19:58/31 20:22 05:52-06:19/27	05:28 19:31-20:09/38 20:35 05:51-06:21/30
31	07:11 15:48-16:48/60 17:13		06:45 17:44-18:55/71 19:21		05:29 19:26-19:58/32 20:23 05:50-06:18/28	
Ore potenziali eliofanía	297	297	369	399	449	453
Somma minuti d'ombra	1496	1030	843	2020	957	2043

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C05 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (5)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 19:30-20:09/39 20:35 05:52-06:22/30	05:53 06:15-06:20/5 20:16	06:24 17:38-18:53/75 19:32	06:54 18:42	06:28 15:28-16:32/64 16:55	07:03 15:26-16:06/40 16:31
2	05:29 19:31-20:09/38 20:35 05:52-06:22/30	05:54 06:16-06:17/1 20:15	06:25 17:38-18:53/75 19:31	06:55 18:40	06:29 15:26-16:30/64 16:54	07:04 15:27-16:05/38 16:30
3	05:30 19:31-20:09/38 20:34 05:53-06:23/30	05:55 20:13	06:26 17:37-18:53/76 19:29	06:56 18:38	06:30 15:25-16:29/64 16:53	07:05 15:27-16:05/38 16:30
4	05:30 19:32-20:09/37 20:34 05:53-06:23/30	05:56 20:12	06:27 17:37-18:52/75 19:28	06:57 18:37	06:32 15:23-16:27/64 16:51	07:06 15:28-16:05/37 16:30
5	05:31 19:32-20:09/37 20:34 05:54-06:24/30	05:57 20:11	06:28 17:37-18:52/75 19:26	06:58 18:35	06:33 15:23-16:27/64 16:50	07:07 15:29-16:05/36 16:30
6	05:31 19:32-20:08/36 20:34 05:54-06:24/30	05:58 18:19-18:29/10 20:10	06:29 17:36-18:51/75 19:24	06:59 18:33	06:34 15:22-16:25/63 16:49	07:08 15:30-16:04/34 16:30
7	05:32 19:33-20:08/35 20:33 05:55-06:25/30	05:59 18:14-18:34/20 20:09	06:30 17:36-18:51/75 19:23	07:00 18:32	06:35 15:21-16:24/63 16:48	07:09 15:31-16:04/33 16:29
8	05:33 19:32-20:07/35 20:33 05:55-06:25/30	06:00 18:09-18:36/27 20:08	06:31 17:36-18:50/74 19:21	07:01 18:30	06:36 15:21-16:23/62 16:47	07:10 15:31-16:04/33 16:29
9	05:33 19:33-20:08/35 20:33 05:56-06:25/29	06:01 18:07-18:38/31 20:06	06:32 17:36-18:50/74 19:19	07:02 18:29	06:38 15:20-16:22/62 16:46	07:11 15:32-16:04/32 16:29
10	05:34 19:34-20:08/34 20:32 05:57-06:26/29	06:02 18:05-18:40/35 20:05	06:33 17:36-18:49/73 19:18	07:03 18:27	06:39 15:20-16:21/61 16:45	07:12 15:32-16:03/31 16:29
11	05:35 19:33-20:06/33 20:32 05:57-06:26/29	06:03 18:02-18:42/40 20:04	06:34 17:36-18:48/72 19:16	07:04 18:25	06:40 15:19-16:19/60 16:44	07:13 15:33-16:04/31 16:29
12	05:35 19:34-20:06/32 20:31 05:58-06:27/29	06:04 18:01-18:44/43 20:02	06:35 17:36-18:47/71 19:14	07:05 18:24	06:41 15:19-16:19/60 16:43	07:13 15:34-16:04/30 16:30
13	05:36 19:35-20:06/31 20:31 06:00-06:27/27	06:05 17:59-18:45/46 20:01	06:36 17:36-18:46/70 19:12	07:06 18:22	06:42 15:19-16:18/59 16:42	07:14 15:35-16:04/29 16:30
14	05:37 19:36-20:06/30 20:30 06:00-06:28/28	06:06 17:57-18:46/49 20:00	06:37 17:37-18:45/68 19:11	07:08 18:21	06:44 15:19-16:16/57 16:41	07:15 15:36-16:05/29 16:30
15	05:38 19:35-20:05/30 20:30 06:00-06:27/27	06:07 17:56-18:47/51 19:58	06:38 17:37-18:44/67 19:09	07:09 18:19	06:45 15:19-16:16/57 16:40	07:16 15:36-16:04/28 16:30
16	05:39 19:36-20:04/28 20:29 06:01-06:28/27	06:08 17:54-18:49/55 19:57	06:39 17:38-18:43/65 19:07	07:10 18:17	06:46 15:19-16:15/56 16:39	07:16 15:37-16:05/28 16:30
17	05:39 19:37-20:04/27 20:29 06:02-06:28/26	06:09 17:53-18:49/56 19:55	06:40 17:38-18:42/64 19:06	07:11 18:16	06:47 15:19-16:14/55 16:38	07:17 15:38-16:05/27 16:31
18	05:40 19:38-20:04/26 20:28 06:03-06:28/25	06:10 17:52-18:50/58 19:54	06:41 17:39-18:40/61 19:04	07:12 18:14	06:48 15:19-16:13/54 16:38	07:18 15:38-16:05/27 16:31
19	05:41 19:37-20:02/25 20:27 06:04-06:29/25	06:11 17:51-18:51/60 19:53	06:42 17:40-18:39/59 19:02	07:13 18:13	06:50 16:12-16:13/1 16:37	07:18 15:39-16:06/27 16:31
20	05:42 19:38-20:02/24 20:27 06:04-06:28/24	06:12 17:49-18:52/63 19:51	06:43 17:41-18:37/56 19:00	07:14 17:12-17:22/10 18:11	06:51 15:20-16:10/50 16:36	07:19 15:39-16:05/26 16:32
21	05:43 19:39-20:01/22 20:26 06:05-06:28/23	06:13 17:48-18:52/64 19:50	06:44 17:42-18:35/53 18:59	07:15 17:08-17:25/17 18:10	06:52 15:20-16:10/50 16:35	07:20 15:40-16:06/26 16:32
22	05:44 19:40-20:01/21 20:25 06:06-06:28/22	06:14 17:47-18:53/66 19:48	06:45 17:43-18:33/50 18:57	07:16 17:05-17:27/22 18:09	06:53 15:20-16:10/50 16:35	07:20 15:40-16:06/26 16:33
23	05:44 19:41-20:00/19 20:24 06:07-06:28/21	06:15 17:46-18:53/67 19:47	06:46 17:45-18:31/46 18:55	07:18 17:03-17:29/26 18:07	06:54 15:21-16:09/48 16:34	07:21 15:41-16:07/26 16:33
24	05:45 19:43-19:59/16 20:23 06:08-06:28/20	06:16 17:45-18:54/69 19:45	06:47 17:47-18:28/41 18:54	07:19 17:02-17:31/29 18:06	06:55 15:22-16:09/47 16:34	07:21 15:41-16:07/26 16:34
25	05:46 19:44-19:59/15 20:23 06:09-06:28/19	06:17 17:44-18:54/70 19:44	06:48 17:49-18:25/36 18:52	06:20 16:01-16:32/31 17:04	06:56 15:22-16:08/46 16:33	07:21 15:42-16:09/27 16:34
26	05:47 19:45-19:57/12 20:22 06:10-06:27/17	06:18 17:43-18:54/71 19:42	06:49 17:52-18:22/30 18:50	06:21 15:59-16:32/33 17:03	06:58 15:23-16:08/45 16:33	07:22 15:42-16:09/27 16:35
27	05:48 19:46-19:56/10 20:21 06:10-06:26/16	06:19 17:43-18:54/71 19:40	06:50 17:56-18:17/21 18:49	06:22 15:58-16:33/35 17:02	06:59 15:23-16:07/44 16:32	07:22 15:42-16:09/27 16:36
28	05:49 19:48-19:55/7 20:20 06:11-06:25/14	06:20 17:42-18:54/72 19:39	06:51 18:47	06:23 15:58-16:34/36 17:00	07:00 15:23-16:06/43 16:32	07:23 15:42-16:10/28 16:36
29	05:50 19:52-19:55/3 20:19 06:12-06:25/13	06:21 17:41-18:54/73 19:37	06:52 18:45	06:25 15:57-16:34/37 16:59	07:01 15:24-16:06/42 16:31	07:23 15:43-16:11/28 16:37
30	05:51 06:13-06:24/11 20:18	06:22 17:41-18:54/73 19:36	06:53 18:43	06:26 15:57-16:34/37 16:58	07:02 15:25-16:06/41 16:31	07:23 15:43-16:12/29 16:38
31	05:52 06:14-06:22/8 20:17	06:23 17:40-18:54/74 19:34		06:27 15:30-16:32/62 16:56		07:23 15:43-16:13/30 16:38
Ore potenziali eliofanía	459	428	375	345	298	288
Somma minuti d'ombra	1524	1420	1677	412	1646	1710

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C06 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (6)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:24 15:38-16:13/35 16:40	07:10 17:14	06:34 17:05-17:26/21 17:48 06:53-07:07/14	06:43 18:31-19:01/30 19:22 07:18-07:49/31	05:57 19:54	05:28 05:50-05:56/6 20:24
2	07:24 15:39-16:14/35 16:40	07:09 17:15	06:33 17:05-17:27/22 17:49 06:54-07:06/12	06:42 18:31-19:02/31 19:23 07:19-07:47/28	05:56 19:55	05:28 05:50-05:57/7 20:24
3	07:24 15:39-16:15/36 16:41	07:08 17:16	06:31 17:05-17:29/24 17:50 06:57-07:02/5	06:40 18:30-19:03/33 19:24 07:20-07:45/25	05:55 19:56	05:27 05:49-05:57/8 20:25
4	07:24 15:40-16:16/36 16:42	07:07 17:18	06:29 17:05-17:30/25 17:51	06:38 18:31-19:04/33 19:25 07:22-07:43/21	05:53 19:57	05:27 05:49-05:58/9 20:26
5	07:24 15:40-16:17/37 16:43	07:06 17:19	06:28 17:05-17:32/27 17:53	06:37 18:31-19:04/33 19:26 07:24-07:40/16	05:52 19:58	05:27 05:49-05:59/10 20:27
6	07:24 15:41-16:18/37 16:44	07:05 07:25-07:27/2 17:20	06:26 17:05-17:32/27 17:54	06:35 18:31-19:02/31 19:28 07:28-07:35/7	05:51 19:59	05:26 05:48-05:59/11 20:27
7	07:24 15:42-16:19/37 16:45	07:04 07:24-07:28/4 17:21	06:25 17:06-17:33/27 17:55	06:33 18:33-19:01/28 19:29	05:50 20:00	05:26 05:48-05:59/11 20:28
8	07:24 15:41-16:18/37 16:46	07:03 07:23-07:29/6 17:23	06:23 17:07-17:35/28 17:56	06:32 18:33-18:59/26 19:30 06:50-06:56/6	05:49 20:01	05:26 05:48-06:00/12 20:29
9	07:23 15:42-16:19/37 16:47	07:02 07:21-07:29/8 17:24	06:21 17:08-17:36/28 17:57	06:30 18:35-18:57/22 19:31 06:49-06:59/10	05:47 20:03	05:26 05:48-06:01/13 20:29
10	07:23 15:43-16:19/36 16:48	07:00 07:20-07:30/10 17:25	06:20 17:10-17:38/28 17:58	06:28 18:36-18:54/18 19:32 06:47-07:00/13	05:46 20:04	05:25 05:48-06:01/13 20:30
11	07:23 15:44-16:20/36 16:49	06:59 07:19-07:30/11 17:26	06:18 17:11-17:38/27 17:59	06:27 18:39-18:51/12 19:33 06:45-07:01/16	05:45 20:05	05:25 05:47-06:01/14 20:30
12	07:23 15:44-16:19/35 16:50	06:58 07:18-07:30/12 17:28	06:17 17:14-17:39/25 18:01 06:37-06:42/5	06:25 06:44-07:02/18 19:34	05:44 20:06	05:25 05:47-06:01/14 20:31
13	07:22 15:45-16:20/35 16:51	06:57 07:16-07:29/13 17:29	06:15 17:16-17:41/25 18:02 06:34-06:48/14	06:24 06:42-07:03/21 19:35	05:43 20:07	05:25 05:47-06:02/15 20:31
14	07:22 15:45-16:19/34 16:52	06:55 07:15-07:29/14 17:30	06:13 17:15-17:42/27 18:03 06:32-06:50/18	06:22 06:41-07:04/23 19:36	05:42 20:08	05:25 05:47-06:02/15 20:32
15	07:22 15:46-16:20/34 16:53	06:54 07:14-07:29/15 17:31	06:12 17:14-17:43/29 18:04 06:30-06:51/21	06:21 06:39-07:03/24 19:37	05:41 20:09	05:25 05:47-06:02/15 20:32
16	07:21 15:48-16:20/32 16:55	06:53 07:12-07:27/15 17:33	06:10 17:15-17:44/29 18:05 06:29-06:54/25	06:19 06:38-07:04/26 19:38	05:40 20:10	05:25 05:47-06:02/15 20:32
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18	07:20 15:48-16:19/31 16:57	06:50 07:17-07:24/7 17:35	06:07 17:15-17:46/31 18:07 06:25-06:55/30	06:16 06:35-07:04/29 19:40	05:38 20:12	05:25 05:48-06:04/16 20:33
19	07:20 15:50-16:19/29 16:58	06:49 17:36	06:05 17:16-17:46/30 18:08 06:24-06:56/32	06:14 06:33-07:03/30 19:41	05:37 20:12	05:25 05:48-06:04/16 20:33
20	07:19 15:51-16:18/27 16:59	06:47 07:07-07:08/1 17:37	06:03 17:17-17:44/27 18:09 06:22-06:56/34	06:13 06:32-07:03/31 19:42	05:36 20:13	05:25 05:48-06:04/16 20:34
21	07:19 15:53-16:18/25 17:00	06:46 17:13-17:16/3 17:39 07:05-07:09/4	06:02 17:46-17:49/3 06:20-06:56/36 18:10 17:17-17:42/25	06:11 06:30-07:02/32 19:44	05:36 20:14	05:25 05:48-06:04/16 20:34
22	07:18 15:54-16:17/23 17:02	06:44 17:12-17:18/6 17:40 07:04-07:10/6	06:00 17:42-17:50/8 06:19-06:57/38 18:11 17:18-17:40/22	06:10 06:29-07:02/33 19:45	05:35 20:15	05:26 05:48-06:04/16 20:34
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24	07:17 15:57-16:14/17 17:04	06:42 17:09-17:21/12 17:42 07:01-07:11/10	05:57 17:38-17:52/14 06:16-06:56/40 18:14 17:24-17:34/10	06:07 06:26-07:00/34 19:47	05:33 20:17	05:26 05:49-06:05/16 20:35
25	07:16 16:01-16:13/12 17:05	06:40 17:07-17:21/14 17:43 06:59-07:10/11	05:55 17:36-17:53/17 18:15 06:16-06:55/39	06:06 06:25-07:00/35 19:48	05:33 20:18	05:26 05:49-06:05/16 20:35
26	07:15 17:06 17:06	06:39 17:07-17:23/16 17:45 06:58-07:10/12	05:53 17:35-17:55/20 18:16 06:16-06:55/39	06:04 06:25-06:58/33 19:49	05:32 20:19	05:27 05:49-06:04/15 20:35
27	07:14 17:08 17:08	06:37 17:06-17:24/18 17:46 06:56-07:09/13	05:52 17:34-17:56/22 18:17 06:16-06:54/38	06:03 06:26-06:57/31 19:50	05:31 20:20	05:27 05:50-06:05/15 20:35
28	07:14 17:09 17:09	06:36 17:06-17:26/20 17:47 06:55-07:09/14	05:50 17:33-17:56/23 18:18 06:15-06:53/38	06:01 06:28-06:55/27 19:51	05:31 20:21	05:28 05:50-06:05/15 20:35
29	07:13 17:10 17:10		06:48 18:32-18:58/26 19:19 07:16-07:53/37	06:00 06:29-06:53/24 19:52	05:30 05:51-05:52/1 20:21	05:28 05:51-06:06/15 20:35
30	07:12 17:11 17:11		06:47 18:32-18:59/27 19:20 07:16-07:52/36	05:59 06:39-06:50/11 19:53 06:34-06:37/3	05:29 05:51-05:54/3 20:22	05:28 05:51-06:05/14 20:35
31	07:11 17:13		06:45 18:31-19:00/29 19:21 07:17-07:50/33		05:29 05:50-05:55/5 20:23	
Ore potenziali eliofania	297	297	369	399	449	453
Somma minuti d'ombra	785	306	1462	996	9	406

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C06 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (6)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 05:52-06:06/14 20:35	05:53 20:16	06:24 18:37-18:50/13 19:32 06:45-07:01/16	06:54 17:55-18:19/24 18:42 07:14-07:24/10	06:28 06:50-06:59/9 16:55	07:03 15:26-16:02/36 16:31
2	05:29 05:52-06:05/13 20:35	05:54 20:15	06:25 18:34-18:52/18 19:31 06:46-06:59/13	06:55 17:51-18:18/27 18:40	06:29 06:51-06:59/8 16:54	07:04 15:26-16:02/36 16:30
3	05:30 05:53-06:06/13 20:34	05:55 20:13	06:26 18:32-18:54/22 19:29 06:46-06:56/10	06:56 17:48-18:16/28 18:38	06:30 06:52-06:58/6 16:53	07:05 15:26-16:03/37 16:30
4	05:30 05:53-06:05/12 20:34	05:56 20:12	06:27 18:30-18:56/26 19:28 06:47-06:53/6	06:57 17:46-18:14/28 18:37	06:32 06:54-06:58/4 16:51	07:06 15:26-16:03/37 16:30
5	05:31 05:54-06:06/12 20:34	05:57 20:11	06:28 18:29-18:57/28 19:26	06:58 17:44-18:12/28 18:35	06:33 06:55-06:56/1 16:50	07:07 15:27-16:04/37 16:30
6	05:32 05:54-06:05/11 20:34	05:58 20:10	06:29 18:27-18:58/31 19:24 07:24-07:30/6	06:59 17:43-18:11/28 18:33	06:34 16:49	07:08 15:27-16:04/37 16:30
7	05:32 05:55-06:05/10 20:33	05:59 20:09	06:30 18:26-18:59/33 19:23 07:19-07:35/16	07:00 17:42-18:09/27 18:32	06:35 16:48	07:09 15:27-16:04/37 16:29
8	05:33 05:55-06:04/9 20:33	06:00 20:08	06:31 18:25-18:58/33 19:21 07:16-07:37/21	07:01 17:40-18:07/27 18:30	06:36 16:47	07:10 15:28-16:04/36 16:29
9	05:33 05:56-06:05/9 20:33	06:01 20:06	06:32 18:24-18:57/33 19:19 07:14-07:39/25	07:02 17:40-18:05/25 18:29	06:38 16:46	07:11 15:28-16:04/36 16:29
10	05:34 05:57-06:05/8 20:32	06:02 20:05	06:33 18:24-18:55/31 19:18 07:12-07:40/28	07:03 17:39-18:04/25 18:27	06:39 16:45	07:12 15:28-16:03/35 16:29
11	05:35 05:57-06:03/6 20:32	06:03 20:04	06:34 18:23-18:54/31 19:16 07:10-07:41/31	07:04 17:39-18:03/24 18:25 07:29-07:38/9	06:40 16:44	07:13 15:28-16:04/36 16:29
12	05:36 05:58-06:03/5 20:31	06:04 06:50-06:55/5 20:02	06:35 18:23-18:52/29 19:14 07:09-07:42/33	07:05 17:39-18:01/22 18:24 07:27-07:40/13	06:41 16:43	07:13 15:29-16:04/35 16:30
13	05:36 05:59-06:03/4 20:31	06:05 06:40-06:59/19 20:01	06:36 18:23-18:50/27 19:12 07:08-07:43/35	07:06 17:39-17:59/20 18:22 07:27-07:41/14	06:42 16:42	07:14 15:30-16:04/34 16:30
14	05:37 06:00-06:02/2 20:30	06:06 06:36-07:01/25 20:00	06:37 18:23-18:49/26 19:11 07:07-07:43/36	07:08 17:39-17:58/19 18:21 07:28-07:42/14	06:44 16:41	07:15 15:30-16:05/35 16:30
15	05:38 20:30	06:07 06:34-07:03/29 19:58	06:38 18:23-18:47/24 19:09 07:06-07:43/37	07:09 17:39-17:56/17 18:19 07:29-07:42/13	06:45 16:40	07:16 15:30-16:04/34 16:30
16	05:39 20:29	06:08 06:33-07:04/31 19:57	06:39 18:23-18:45/22 19:07 07:05-07:44/39	07:10 17:39-17:54/15 18:18 07:30-07:42/12	06:46 15:39-15:41/2 16:39	07:16 15:31-16:05/34 16:30
17	05:39 20:29	06:09 06:31-07:05/34 19:55	06:40 18:23-18:44/21 19:06 07:04-07:43/39	07:11 17:39-17:52/13 18:16 07:32-07:42/10	06:47 15:34-15:46/12 16:38	07:17 15:32-16:05/33 16:31
18	05:40 20:28	06:10 06:31-07:05/34 19:54	06:41 18:24-18:42/18 19:04 07:04-07:43/39	07:12 17:41-17:52/11 18:14 07:33-07:42/9	06:48 15:31-15:48/17 16:38	07:18 15:32-16:05/33 16:31
19	05:41 20:27	06:11 06:32-07:06/34 19:53	06:42 18:25-18:40/15 07:04-07:43/39 19:02 18:13-18:20/7	07:13 17:42-17:50/8 18:13 07:34-07:41/7	06:50 15:30-15:51/21 16:37	07:18 15:32-16:06/34 16:31
20	05:42 20:27	06:12 06:33-07:07/34 19:51	06:43 18:26-18:38/12 07:03-07:43/40 19:01 18:08-18:24/16	07:14 17:43-17:48/5 18:11 07:35-07:40/5	06:51 15:29-15:52/23 16:36	07:19 15:32-16:05/33 16:32
21	05:43 20:26	06:13 06:34-07:07/33 19:50	06:44 18:28-18:37/9 07:04-07:42/38 18:59 18:05-18:26/21	07:15 17:44-17:47/3 18:10 07:36-07:39/3	06:52 15:28-15:53/25 16:35	07:20 15:33-16:06/33 16:32
22	05:44 20:25	06:14 06:35-07:07/32 19:48	06:45 18:30-18:35/5 07:05-07:41/36 18:57 18:03-18:27/24	07:16 18:09	06:53 15:27-15:54/27 16:35	07:20 15:33-16:06/33 16:33
23	05:44 20:24	06:15 06:36-07:07/31 19:47	06:46 18:01-18:28/27 18:55 07:06-07:41/35	07:18 18:07	06:54 15:26-15:55/29 16:34	07:21 15:34-16:07/33 16:33
24	05:45 20:23	06:16 06:37-07:07/30 19:45	06:47 18:00-18:29/29 18:54 07:07-07:40/33	07:19 07:45-07:54/9 18:06	06:55 15:27-15:57/30 16:34	07:21 15:34-16:08/34 16:34
25	05:46 20:23	06:17 06:38-07:07/29 19:44	06:48 17:59-18:29/30 18:52 07:08-07:38/30	06:20 06:43-06:56/13 17:04	06:56 15:26-15:57/31 16:33	07:21 15:35-16:09/34 16:34
26	05:47 20:22	06:18 06:39-07:06/27 19:42	06:49 17:58-18:28/30 18:50 07:09-07:37/28	06:21 06:42-06:57/15 17:03	06:58 15:26-15:58/32 16:33	07:22 15:36-16:09/33 16:35
27	05:48 20:21	06:19 06:40-07:06/26 19:40	06:50 17:57-18:26/29 18:49 07:10-07:36/26	06:22 06:44-06:59/15 17:02	06:59 15:25-15:59/34 16:32	07:22 15:36-16:09/33 16:36
28	05:49 20:20	06:20 06:41-07:05/24 19:39	06:51 17:56-18:25/29 18:47 07:11-07:34/23	06:23 06:45-06:59/14 17:00	07:00 15:25-15:59/34 16:32	07:23 15:36-16:10/34 16:36
29	05:50 20:19	06:21 06:42-07:04/22 19:37	06:52 17:56-18:23/27 18:45 07:12-07:31/19	06:25 06:46-06:59/13 16:59	07:01 15:25-16:00/35 16:31	07:23 15:37-16:11/34 16:37
30	05:51 20:18	06:22 06:43-07:03/20 19:36	06:53 17:55-18:21/26 18:43 07:13-07:29/16	06:26 06:47-06:59/12 16:58	07:02 15:26-16:01/35 16:31	07:23 15:38-16:12/34 16:38
31	05:52 20:17	06:23 06:44-07:02/18 19:34		06:27 06:49-07:00/11 16:56		07:23 15:38-16:13/35 16:39
Ore potenziali eliofania	459	428	375	345	298	288
Somma minuti d'ombra	128	537	1595	645	415	1075

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C07 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (7)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:23 16:40	07:10 17:14	06:34 17:48	06:43 19:22	07:24-07:36/12 19:54	05:28 20:24
2	07:24 16:40	07:09 17:15	06:32 17:49	06:42 19:23	05:56 19:55	05:28 20:24
3	07:24 16:41	07:08 17:16	06:31 17:50	06:40 19:24	05:55 19:56	05:27 20:25
4	07:24 16:42	07:07 17:18	06:29 17:51	06:38 19:25	05:53 19:57	05:27 20:26
5	07:24 16:43	07:06 17:19	06:28 17:53	06:37 19:26	05:52 19:58	05:27 20:27
6	07:24 16:44	07:05 17:20	06:26 17:54	06:35 19:27	05:51 19:59	05:26 20:27
7	07:24 16:45	07:04 17:21	06:25 17:55	06:33 19:29	05:50 20:00	05:26 20:28
8	07:24 16:46	07:03 17:23	06:23 17:56	06:32 19:30	05:49 20:01	05:26 20:28
9	07:23 16:47	07:02 17:24	06:21 17:57	06:30 19:31	05:47 20:02	05:26 20:29
10	07:23 16:48	07:00 17:25	06:20 17:58	06:28 19:32	05:46 20:04	05:25 20:30
11	07:23 16:49	06:59 17:26	06:18 17:59	06:27 19:33	05:45 20:05	05:25 20:30
12	07:23 16:50	06:58 17:28	06:17 18:01	06:25 19:34	05:44 20:06	05:25 20:31
13	07:22 16:51	06:57 17:29	06:15 18:02	06:24 19:35	05:43 20:07	05:25 20:31
14	07:22 16:52	06:55 17:30	06:13 18:03	06:22 19:36	05:42 20:08	05:25 20:32
15	07:22 16:53	06:54 17:31	06:12 18:04	06:21 19:37	05:41 20:09	05:25 20:32
16	07:21 16:55	06:53 17:33	06:10 18:05	06:19 19:38	05:40 20:10	05:25 20:32
17	07:21 16:56	06:51 17:34	06:08 18:06	06:17 19:39	05:39 20:11	05:25 20:33
18	07:20 16:57	06:50 17:35	06:07 18:07	06:16 19:40	05:38 20:11	05:25 20:33
19	07:20 16:58	06:49 17:36	06:05 18:08	06:14 19:41	05:37 20:12	05:25 20:33
20	07:19 16:59	06:47 17:37	06:03 18:09	06:13 19:42	05:36 20:13	05:25 20:34
21	07:19 17:00	06:46 17:39	06:02 18:10	06:11 19:43	05:36 20:14	05:25 20:34
22	07:18 17:02	06:44 17:40	06:00 18:11	06:10 19:45	05:35 20:15	05:26 20:34
23	07:17 17:03	06:43 17:41	05:58 18:13	06:08 19:46	05:34 20:16	05:26 20:34
24	07:17 17:04	06:42 17:42	05:57 18:14	06:07 19:47	05:33 20:17	05:26 20:35
25	07:16 17:05	06:40 17:43	05:55 18:15	06:06 19:48	05:33 20:18	05:26 20:35
26	07:15 17:06	06:39 17:45	05:53 18:16	06:04 19:49	05:32 20:19	05:27 20:35
27	07:14 17:08	06:37 17:46	05:52 18:17	06:03 19:50	05:31 20:20	05:27 20:35
28	07:14 17:09	06:36 17:47	05:50 18:18	06:01 19:51	05:31 20:20	05:28 20:35
29	07:13 17:10	06:33 17:47	06:48 19:19	06:00 19:52	05:30 20:21	05:28 20:35
30	07:12 17:11	06:32 17:47	06:47 19:20	05:59 19:53	05:29 20:22	05:28 20:35
31	07:11 17:13	06:31 17:47	06:45 19:21	05:59 19:53	05:29 20:23	05:28 20:35
Ore potenziali eliofanìa	297	297	369	399	448	452
Somma minuti d'ombra	103	247	1293	96	476	1705

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C07 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (7)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 05:57-06:55/58 20:35	05:53 20:16	06:24 19:32	06:54 07:14-08:00/46 18:42	06:28 16:55	07:03 16:31
2	05:29 05:58-06:55/57 20:35	05:54 20:15	06:25 19:31	06:55 07:15-08:00/45 18:40	06:29 16:54	07:04 16:30
3	05:30 05:59-06:56/57 20:34	05:55 20:13	06:26 19:29	06:56 07:16-07:59/43 18:38	06:30 16:53	07:05 16:30
4	05:30 05:59-06:55/56 20:34	05:56 20:12	06:27 19:28	06:57 07:17-07:58/41 18:37	06:32 07:02-07:13/11 16:51	07:06 16:30
5	05:31 06:00-06:55/55 20:34	05:57 20:11	06:28 19:26	06:58 07:18-07:57/39 18:35	06:33 07:00-07:14/14 16:50	07:07 16:30
6	05:32 06:00-06:55/55 20:34	05:58 20:10	06:29 19:24	06:59 07:19-07:56/37 18:33	06:34 06:59-07:15/16 16:48	07:08 16:29
7	05:32 06:01-06:55/54 20:33	05:59 20:09	06:30 19:23	07:00 07:20-07:55/35 18:32	06:35 06:58-07:16/18 16:48	07:09 16:29
8	05:33 06:01-06:54/53 20:33	06:00 20:07	06:31 19:21	07:01 07:21-07:54/33 18:30	06:36 06:59-07:18/19 16:47	07:10 16:29
9	05:33 06:02-06:54/52 20:33	06:01 20:06	06:32 19:19	07:02 07:22-07:52/30 18:29	06:38 07:00-07:18/18 16:46	07:11 16:29
10	05:34 06:03-06:54/51 20:32	06:02 20:05	06:33 19:18	07:03 07:23-07:50/27 18:27	06:39 07:01-07:18/17 16:45	07:12 16:29
11	05:35 06:03-06:53/50 20:32	06:03 20:04	06:34 07:16-07:28/12 19:16	07:04 07:25-07:49/24 18:25	06:40 07:03-07:19/16 16:44	07:12 16:29
12	05:35 06:04-06:53/49 20:31	06:04 06:30-06:32/2 20:02	06:35 07:13-07:31/18 19:14	07:05 07:26-07:46/20 18:24	06:41 07:04-07:19/15 16:43	07:13 16:30
13	05:36 06:05-06:53/48 20:31	06:05 06:26-06:36/10 20:01	06:36 07:11-07:33/22 19:12	07:06 07:27-07:43/16 18:22	06:42 07:05-07:19/14 16:42	07:14 16:30
14	05:37 06:06-06:53/47 20:30	06:06 06:27-06:37/10 20:00	06:37 07:09-07:34/25 19:11	07:08 07:31-07:37/6 18:21	06:44 07:06-07:19/13 16:41	07:15 16:30
15	05:38 06:06-06:51/45 20:30	06:07 06:28-06:38/10 19:58	06:38 07:40-07:46/6 19:09	07:09 07:34-07:43/9 18:19	06:45 07:08-07:19/11 16:40	07:16 16:30
16	05:39 06:07-06:51/44 20:29	06:08 06:29-06:39/10 19:57	06:39 07:06-07:51/45 19:07	07:10 07:31-07:45/14 18:17	06:46 07:09-07:19/10 16:39	07:16 16:30
17	05:39 06:08-06:50/42 20:29	06:09 06:30-06:40/10 19:55	06:40 07:03-07:54/51 19:06	07:11 07:31-07:46/15 18:16	06:47 07:10-07:18/8 16:38	07:17 16:31
18	05:40 06:10-06:49/39 20:28	06:10 06:31-06:40/9 19:54	06:41 07:01-07:56/55 19:04	07:12 07:33-07:48/15 18:14	06:48 07:11-07:18/7 16:38	07:18 16:31
19	05:41 06:11-06:49/38 20:27	06:11 06:32-06:40/8 19:53	06:42 07:02-07:57/55 19:02	07:13 07:34-07:48/14 18:13	06:49 07:13-07:18/5 16:37	07:18 16:31
20	05:42 06:12-06:47/35 20:27	06:12 06:33-06:40/7 19:51	06:43 07:03-07:58/55 19:00	07:14 07:35-07:48/13 18:11	06:51 07:14-07:17/3 16:36	07:19 16:32
21	05:43 06:13-06:45/32 20:26	06:13 06:34-06:40/6 19:50	06:44 07:04-07:59/55 18:59	07:15 07:36-07:48/12 18:10	06:52 07:15-07:16/1 16:35	07:19 16:32
22	05:44 06:15-06:44/29 20:25	06:14 06:35-06:39/4 19:48	06:45 07:05-08:00/55 18:57	07:16 07:37-07:48/11 18:09	06:53 16:35	07:20 16:33
23	05:44 06:17-06:42/25 20:24	06:15 06:36-06:38/2 19:47	06:46 07:06-08:01/55 18:55	07:18 07:39-07:48/9 18:07	06:54 16:34	07:21 16:33
24	05:45 06:20-06:40/20 20:23	06:16 19:45	06:47 07:07-08:01/54 18:54	07:19 07:40-07:47/7 18:06	06:55 16:34	07:21 16:34
25	05:46 06:24-06:36/12 20:22	06:17 19:44	06:48 07:08-08:01/53 18:52	06:20 06:41-06:46/5 17:04	06:56 16:33	07:21 16:34
26	05:47 20:22	06:18 19:42	06:49 07:09-08:01/52 18:50	06:21 06:42-06:45/3 17:03	06:58 16:33	07:22 16:35
27	05:48 20:21	06:19 19:40	06:50 07:10-08:01/51 18:49	06:22 17:02	06:59 16:32	07:22 16:36
28	05:49 20:20	06:20 19:39	06:51 07:11-08:01/50 18:47	06:23 17:00	07:00 16:32	07:22 16:36
29	05:50 20:19	06:21 19:37	06:52 07:12-08:01/49 18:45	06:25 16:59	07:01 16:31	07:23 16:37
30	05:51 20:18	06:22 19:36	06:53 07:13-08:01/48 18:43	06:26 16:58	07:02 16:31	07:23 16:38
31	05:52 20:17	06:23 19:34		06:27 16:56		07:23 16:39
Ore potenziali eliofanìa	459	428	375	345	298	288
Somma minuti d'ombra	1103	88	894	569	216	0

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C08 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (8)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Gennaio	Febbraio	Marzo		Aprile	Maggio	Giugno
1	07:24 08:15-08:44/29 16:40	07:10 07:32-07:54/22 17:14 07:56-09:24/88	06:34 16:50-17:24/34 17:48 07:54-09:21/87		06:43 19:22	05:57 19:54	05:29 20:24
2	07:24 08:15-08:46/31 16:41	07:09 07:34-07:53/19 17:15 07:56-09:24/88	06:33 16:50-17:24/34 17:49 07:55-09:20/85		06:42 19:23	05:56 19:31-19:32/1 19:55	05:28 20:25
3	07:24 08:14-08:47/33 16:41	07:08 07:35-07:52/17 17:17 07:56-09:25/89	06:31 16:48-17:24/36 17:51 07:55-09:19/84		06:40 19:24	05:55 19:28-19:33/5 19:56	05:28 20:25
4	07:24 08:13-08:49/36 16:42	07:07 07:37-07:50/13 17:18 07:55-09:26/91	06:30 16:47-17:24/37 17:52 07:56-09:18/82		06:38 19:26	05:54 19:26-19:34/8 19:57	05:27 20:26
5	07:24 08:13-08:51/38 16:43	07:06 07:41-07:47/6 17:19 07:55-09:26/91	06:28 16:47-17:25/38 17:53 07:57-09:16/79		06:37 19:27	05:52 19:25-19:35/10 19:59	05:27 20:27
6	07:24 08:12-08:52/40 16:44	07:05 07:55-09:27/92 17:20	06:26 16:46-17:24/38 17:54 07:57-09:14/77		06:35 19:28	05:51 19:24-19:37/13 20:00	05:27 20:27
7	07:24 08:12-08:54/42 16:45	07:04 07:55-09:28/93 17:22	06:25 16:46-17:25/39 17:55 07:58-09:13/75		06:33 19:29	05:50 19:23-19:38/15 20:01	05:26 20:28
8	07:24 08:11-08:56/45 16:46	07:03 07:55-09:28/93 17:23	06:23 16:46-17:25/39 17:56 07:59-09:11/72		06:32 19:30	05:49 19:22-19:38/16 20:02	05:26 20:29
9	07:24 08:10-08:56/46 16:47	07:02 07:54-09:28/94 17:24	06:22 16:45-17:24/39 17:57 07:59-09:09/70		06:30 19:31	05:48 19:21-19:39/18 20:03	05:26 20:29
10	07:23 08:09-08:58/49 16:48	07:01 07:54-09:28/94 17:25	06:20 16:46-17:36/50 17:58 08:01-09:07/66		06:29 19:32	05:46 19:21-19:40/19 20:04	05:26 20:30
11	07:23 07:45-07:46/1 16:49 08:09-09:00/51	06:59 07:54-09:29/95 17:27	06:18 16:46-17:38/52 18:00 08:02-09:05/63		06:27 19:33	05:45 19:21-19:41/20 20:05	05:25 20:30
12	07:23 07:45-07:48/3 16:50 08:09-09:02/53	06:58 07:54-09:29/95 17:28	06:17 16:46-17:39/53 18:01 08:03-09:02/59		06:25 19:34	05:44 19:21-19:42/21 20:06	05:25 20:31
13	07:23 07:44-07:48/4 16:51 08:07-09:03/56	06:57 07:53-09:28/95 17:29	06:15 16:47-17:41/54 18:02 08:05-09:01/56		06:24 19:35	05:43 19:21-19:43/22 20:07	05:25 20:31
14	07:22 07:44-07:50/6 16:52 08:07-09:05/58	06:56 07:53-09:29/96 17:30	06:13 16:47-17:42/55 18:03 08:06-08:58/52		06:22 19:36	05:42 19:21-19:44/23 20:08	05:25 20:32
15	07:22 07:43-07:50/7 16:54 08:06-09:05/59	06:54 07:53-09:29/96 17:31	06:12 16:48-17:42/54 18:04 08:07-08:55/48		06:21 19:37	05:41 19:21-19:44/23 20:09	05:25 20:32
16	07:22 07:43-07:52/9 16:55 08:06-09:07/61	06:53 07:52-09:28/96 17:33	06:10 16:49-17:43/54 18:05 08:10-08:52/42		06:19 19:38	05:40 19:22-19:45/23 20:10	05:25 20:33
17	07:21 07:42-07:52/10 16:56 08:05-09:08/63	06:52 07:53-09:29/96 17:34	06:08 16:50-17:43/53 18:06 08:12-08:48/36		06:18 19:39	05:39 19:23-19:46/23 20:11	05:25 20:33
18	07:21 07:42-07:53/11 16:57 08:05-09:10/65	06:50 07:53-09:29/96 17:35	06:07 16:51-17:42/51 18:07 08:15-08:44/29		06:16 19:40	05:38 19:24-19:45/21 20:12	05:25 20:33
19	07:20 07:41-07:54/13 16:58 08:04-09:11/67	06:49 07:52-09:28/96 17:36	06:05 16:55-17:11/16 08:21-08:38/17 18:08 17:13-17:43/30		06:15 19:42	05:37 19:24-19:44/20 20:13	05:25 20:34
20	07:20 07:40-07:54/14 16:59 08:03-09:12/69	06:47 07:53-09:28/95 17:38	06:03 16:58-17:06/8 18:09 17:13-17:42/29		06:13 19:43	05:37 19:25-19:44/19 20:14	05:25 20:34
21	07:19 07:40-07:55/15 17:00 08:03-09:13/70	06:46 17:08-17:14/6 17:39 07:52-09:27/95	06:02 17:13-17:41/28 18:11		06:12 19:44	05:36 19:26-19:43/17 20:15	05:26 20:34
22	07:18 07:39-07:55/16 17:02 08:02-09:14/72	06:45 17:05-17:18/13 17:40 07:53-09:27/94	06:00 17:14-17:41/27 18:12		06:10 19:45	05:35 19:28-19:42/14 20:15	05:26 20:34
23	07:18 07:38-07:55/17 17:03 08:01-09:15/74	06:43 17:02-17:19/17 17:41 07:53-09:26/93	05:58 17:14-17:40/26 18:13		06:09 19:46	05:34 19:29-19:41/12 20:16	05:26 20:35
24	07:17 07:38-07:56/18 17:04 08:01-09:17/76	06:42 17:01-17:21/20 17:42 07:53-09:26/93	05:57 17:14-17:38/24 18:14		06:07 19:47	05:33 19:32-19:39/7 20:17	05:26 20:35
25	07:16 07:37-07:57/20 17:05 08:00-09:18/78	06:40 16:57-17:21/24 17:44 07:53-09:24/91	05:55 17:16-17:37/21 18:15		06:06 19:48	05:33 20:18	05:27 20:35
26	07:15 07:36-07:56/20 17:07 08:00-09:19/79	06:39 16:55-17:23/28 17:45 07:54-09:24/90	05:53 17:17-17:35/18 18:16		06:04 19:49	05:32 20:19	05:27 20:35
27	07:15 07:35-07:56/21 17:08 07:59-09:20/81	06:37 16:53-17:23/30 17:46 07:53-09:23/90	05:52 17:19-17:32/13 18:17		06:03 19:50	05:31 20:20	05:27 20:35
28	07:14 07:34-07:56/22 17:09 07:58-09:20/82	06:36 16:52-17:24/32 17:47 07:54-09:22/88	05:50 18:18		06:02 19:51	05:31 20:21	05:28 20:35
29	07:13 07:33-07:56/23 17:10 07:58-09:21/83		06:48 19:19		06:00 19:52	05:30 20:22	05:28 20:35
30	07:12 07:32-07:55/23 17:12 07:57-09:22/85		06:47 19:20		05:59 19:53	05:30 20:22	05:29 20:35
31	07:11 07:31-07:55/24 17:13 07:57-09:23/86		06:45 19:21			05:29 20:23	
Ore potenziali eliofanía	297	297	369		399	449	453
Somma minuti d'ombra	2154	2850	2229		0	370	0

Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario per WTG

Calcolo: Flickering_CandelaWTG: C08 - Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TOT: 220,0 m) (8)
Assunzioni sui calcoli d'ombra

I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

- Il sole splende tutto il di, dall'alba al tramonto
- Il piano del rotore è sempre perpendicolare alla linea tra WTG e sole
- La turbina è costantemente operativa

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:35	05:53 19:32-19:52/20 20:16	06:24 19:33	06:54 17:26-18:19/53 18:42 08:43-09:41/58	06:28 07:23-08:58/95 16:55	07:03 07:27-07:28/1 16:31 07:51-08:42/51
2	05:29 20:35	05:54 19:32-19:51/19 20:15	06:25 19:31	06:55 17:25-18:18/53 18:40 08:41-09:43/62	06:29 07:23-08:57/94 16:54	07:04 07:52-08:41/49 16:30
3	05:30 20:35	05:55 19:32-19:50/18 20:14	06:26 19:29	06:56 17:24-18:15/51 18:39 08:39-09:44/65	06:31 07:23-08:57/94 16:53	07:05 07:54-08:41/47 16:30
4	05:31 20:34	05:56 19:32-19:49/17 20:12	06:27 19:28	06:57 17:23-18:01/38 08:37-09:46/69 18:37 18:04-18:11/7	06:32 07:25-08:57/92 16:52	07:06 07:55-08:40/45 16:30
5	05:31 20:34	05:57 19:33-19:48/15 20:11	06:28 19:26	06:58 17:23-18:01/38 18:35 08:36-09:47/71	06:33 07:25-08:57/92 16:50	07:07 07:57-08:39/42 16:30
6	05:32 20:34	05:58 19:33-19:47/14 20:10	06:29 19:24	06:59 17:22-18:01/39 18:34 08:34-09:48/74	06:34 07:10-07:18/8 16:49 07:25-08:56/91	07:08 07:58-08:38/40 16:30
7	05:32 20:34	05:59 19:34-19:46/12 20:09	06:30 19:23	07:00 17:22-18:00/38 18:32 08:33-09:49/76	06:35 07:08-07:22/14 16:48 07:26-08:56/90	07:09 08:00-08:38/38 16:30
8	05:33 20:33	06:00 19:35-19:45/10 20:08	06:31 19:21	07:01 17:22-18:00/38 18:30 08:32-09:50/78	06:37 07:06-07:23/17 16:47 07:27-08:56/89	07:10 08:01-08:37/36 16:30
9	05:34 20:33	06:01 19:36-19:44/8 20:06	06:32 19:19	07:02 17:22-17:59/37 18:29 08:32-09:52/80	06:38 07:05-07:24/19 16:46 07:27-08:55/88	07:11 08:03-08:36/33 16:30
10	05:34 20:33	06:02 19:38-19:42/4 20:05	06:33 19:18	07:03 17:23-17:59/36 18:27 08:30-09:53/83	06:39 07:03-07:25/22 16:45 07:27-08:54/87	07:12 08:05-08:36/31 16:30
11	05:35 20:32	06:03 20:04	06:34 19:16	07:04 17:23-17:58/35 18:26 08:29-09:53/84	06:40 07:03-07:27/24 16:44 07:29-08:55/86	07:13 08:05-08:34/29 16:30
12	05:36 20:32	06:04 20:03	06:35 19:14	07:06 17:24-17:58/34 18:24 08:28-09:54/86	06:41 07:04-07:27/23 16:43 07:29-08:54/85	07:14 08:07-08:34/27 16:30
13	05:36 20:31	06:05 20:01	06:36 19:13	07:07 17:24-17:57/33 18:22 08:27-09:55/88	06:43 07:05-07:28/23 16:42 07:30-08:53/83	07:14 08:09-08:33/24 16:30
14	05:37 20:31	06:06 20:00	06:37 19:11	07:08 17:25-17:57/32 18:21 08:27-09:55/88	06:44 07:07-07:29/22 16:41 07:30-08:52/82	07:15 08:11-08:33/22 16:30
15	05:38 20:30	06:07 19:58	06:38 19:09	07:09 17:26-17:56/30 18:19 08:26-09:55/89	06:45 07:08-07:29/21 16:40 07:32-08:52/80	07:16 08:13-08:32/19 16:30
16	05:39 20:29	06:08 19:57	06:39 18:09-18:20/11 19:08	07:10 17:28-17:54/26 18:18 08:25-09:56/91	06:46 07:09-07:29/20 16:39 07:33-08:52/79	07:17 08:13-08:31/18 16:31
17	05:39 20:29	06:09 19:56	06:40 18:06-18:23/17 19:06	07:11 17:31-17:53/22 18:16 08:25-09:57/92	06:47 07:10-07:29/19 16:39 07:33-08:51/78	07:17 08:15-08:31/16 16:31
18	05:40 20:28	06:10 19:54	06:41 18:03-18:24/21 19:04	07:12 17:33-17:52/19 18:15 08:25-09:57/92	06:49 07:12-07:30/18 16:38 07:35-08:51/76	07:18 08:16-08:30/14 16:31
19	05:41 19:43-19:48/5 20:28	06:11 19:53	06:42 18:02-18:25/23 19:02	07:13 17:34-17:50/16 18:13 08:24-09:57/93	06:50 07:13-07:30/17 16:37 07:36-08:50/74	07:19 08:18-08:30/12 16:32
20	05:42 19:40-19:50/10 20:27	06:12 19:51	06:43 18:00-18:26/26 19:01	07:14 17:36-17:48/12 18:12 08:23-09:58/95	06:51 07:14-07:30/16 16:36 07:37-08:49/72	07:19 08:19-08:30/11 16:32
21	05:43 19:38-19:51/13 20:26	06:13 19:50	06:44 17:59-18:26/27 18:59	07:15 08:23-09:58/95 18:10	06:52 07:15-07:30/15 16:36 07:38-08:49/71	07:20 08:19-08:30/11 16:32
22	05:44 19:37-19:53/16 20:25	06:14 19:48	06:45 17:58-18:26/28 18:57	07:17 08:22-09:58/96 18:09	06:53 07:17-07:31/14 16:35 07:39-08:48/69	07:20 08:21-08:31/10 16:33
23	05:45 19:36-19:54/18 20:24	06:15 19:47	06:46 17:57-18:26/29 18:56	07:18 08:23-09:59/96 18:07	06:54 07:18-07:31/13 16:34 07:41-08:48/67	07:21 08:20-08:31/11 16:33
24	05:45 19:35-19:55/20 20:24	06:16 19:45	06:47 17:39-17:54/15 09:06-09:19/13 18:54 17:57-18:26/29	07:19 08:23-09:58/95 18:06	06:56 07:19-07:30/11 16:34 07:42-08:47/65	07:21 08:20-08:32/12 16:34
25	05:46 19:34-19:55/21 20:23	06:17 19:44	06:48 17:36-18:26/50 18:52 09:00-09:25/25	07:20 07:22-08:58/96 17:04	06:57 07:20-07:30/10 16:33 07:43-08:46/63	07:22 08:20-08:33/13 16:34
26	05:47 19:34-19:56/22 20:22	06:18 19:42	06:49 17:33-18:25/52 18:50 08:56-09:29/33	07:21 07:22-08:58/96 17:03	06:58 07:21-07:30/9 16:33 07:44-08:45/61	07:22 08:19-08:34/15 16:35
27	05:48 19:33-19:55/22 20:21	06:19 19:41	06:50 17:31-18:25/54 18:49 08:52-09:33/41	07:22 07:23-08:59/96 17:02	06:59 07:22-07:29/7 16:32 07:45-08:44/59	07:22 08:19-08:36/17 16:36
28	05:49 19:32-19:55/23 20:20	06:20 19:39	06:51 17:29-18:24/55 18:47 08:49-09:35/46	07:23 07:23-08:59/96 17:00	07:00 07:24-07:30/6 16:32 07:47-08:45/58	07:23 08:19-08:38/19 16:36
29	05:50 19:32-19:55/23 20:19	06:21 19:37	06:52 17:28-18:23/55 18:45 08:47-09:37/50	07:24 07:23-08:58/95 16:59	07:01 07:25-07:29/4 16:31 07:48-08:44/56	07:23 08:18-08:39/21 16:37
30	05:51 19:32-19:54/22 20:18	06:22 19:36	06:53 17:27-18:21/54 18:44 08:45-09:39/54	07:25 07:22-08:58/96 16:58	07:02 07:26-07:29/3 16:31 07:50-08:43/53	07:23 08:17-08:41/24 16:38
31	05:52 19:32-19:53/21 20:17	06:23 19:34		07:26 07:23-08:58/95 16:56		07:23 08:16-08:42/26 16:39
Ore potenziali eliofanía	459	428	375	345	298	288
Somma minuti d'ombra	236	137	808	3353	2704	784

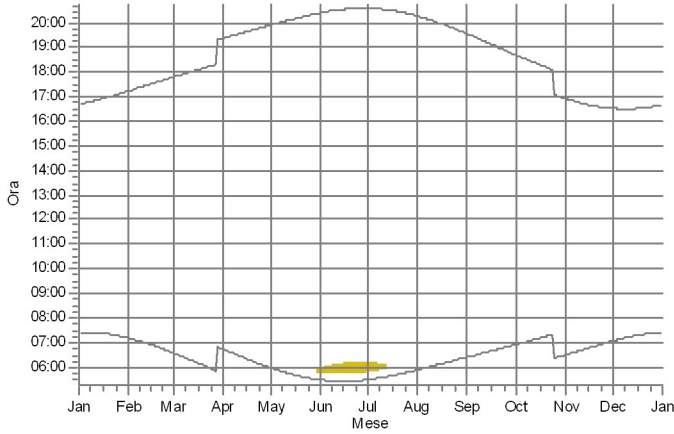
Legenda della tabella:

Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

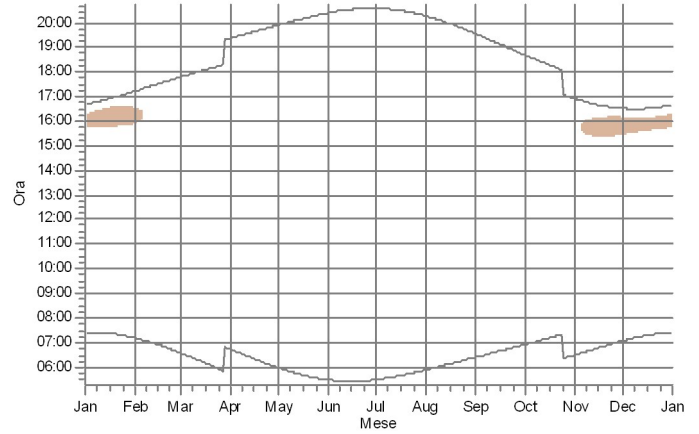
SHADOW - Calendario per WTG, grafico

Calcolo: Flickering_Candela

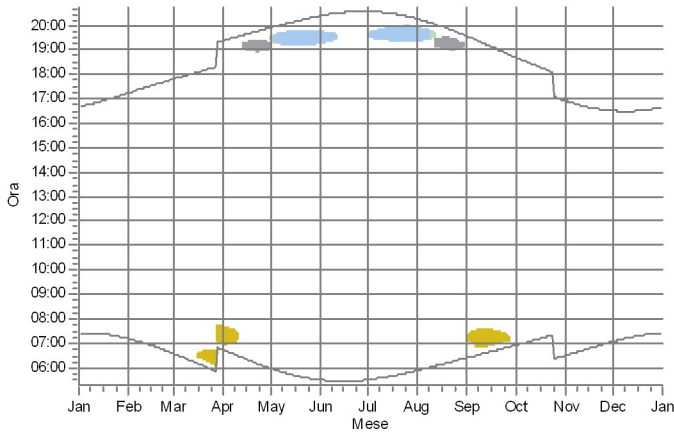
C01: Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TO)



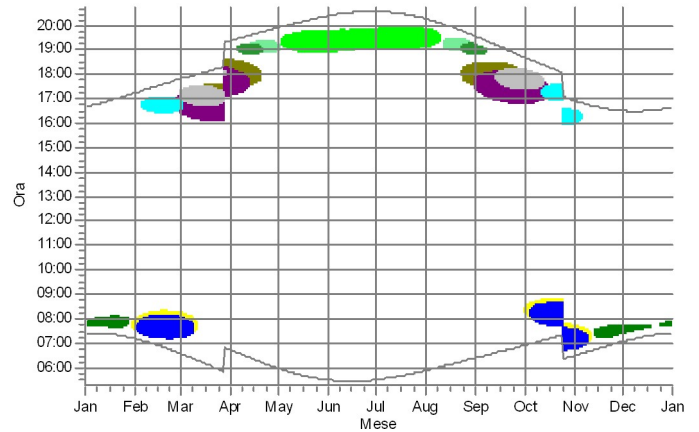
C02: Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TO)



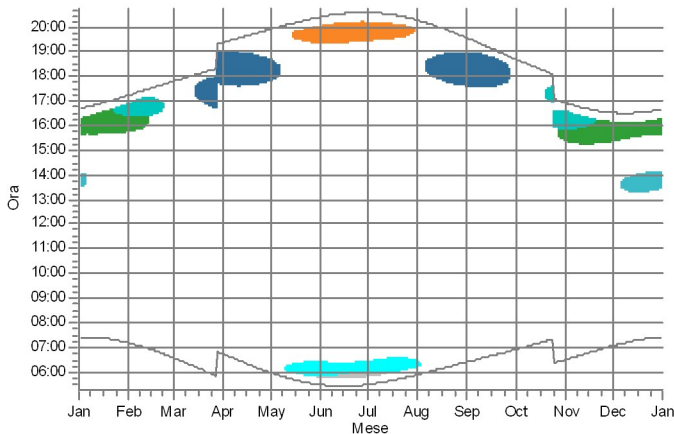
C03: Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TO)



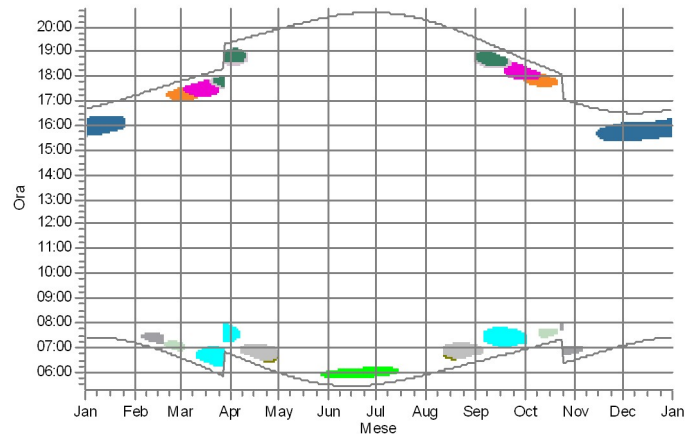
C04: Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TO)



C05: Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TO)



C06: Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TO)



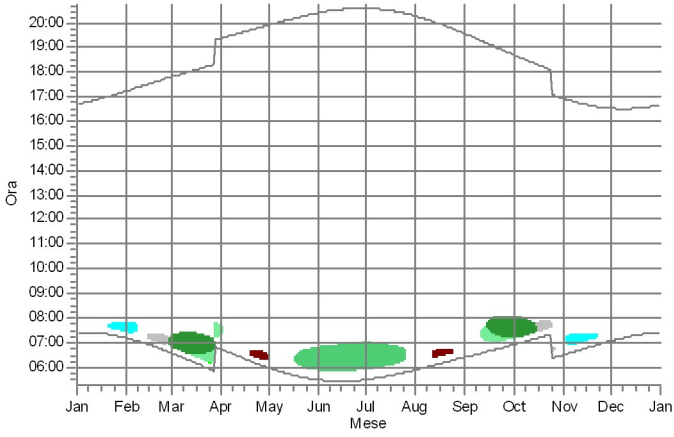
Recettori d'ombra

06: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (26)	33: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (11)	46: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (20)
07: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (29)	34: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (12)	47: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (21)
08: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (30)	35: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (13)	48: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (22)
21: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (6)	37: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (14)	54: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (23)
25: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (7)	40: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (16)	56: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (24)
27: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (8)	41: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (17)	65: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (27)
28: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (9)	42: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (18)	68: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 0,0° (28)
29: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (10)	44: Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (19)	

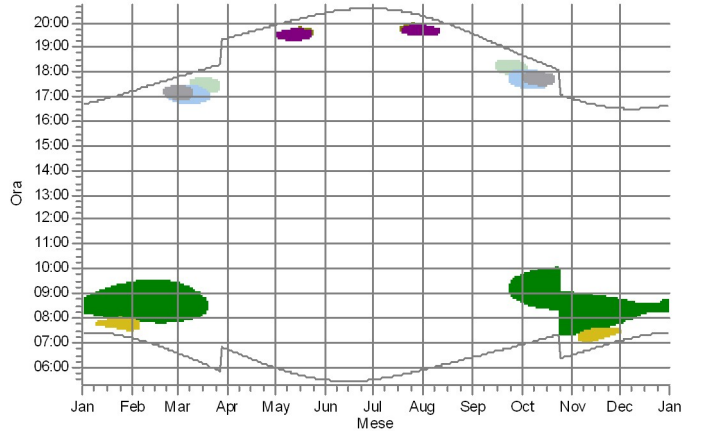
SHADOW - Calendario per WTG, grafico

Calcolo: Flickering_Candela

C07: Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TO)

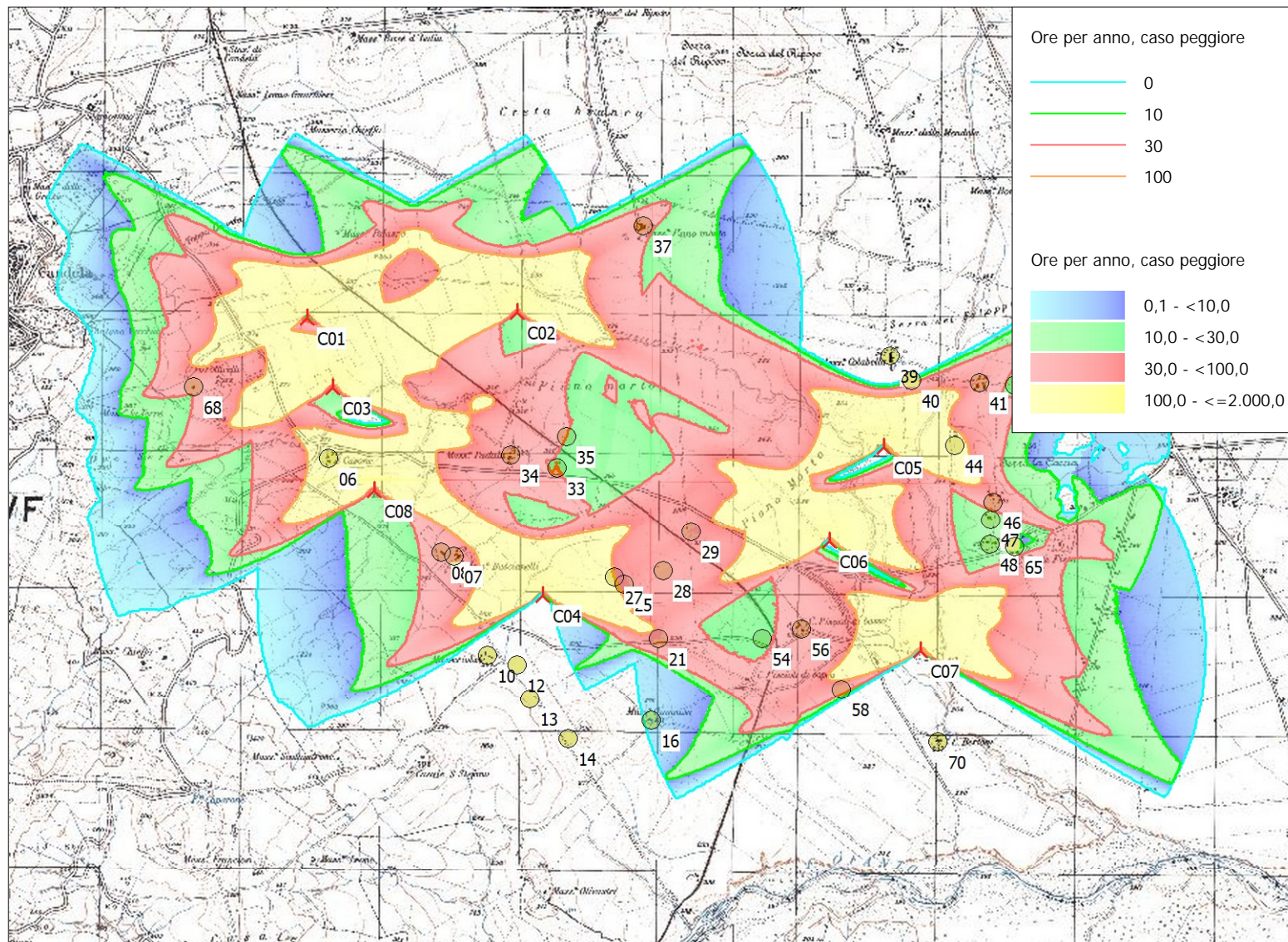


C08: Siemens Gamesa SG 6.0-170_user 6200 170.0 !O! hub: 135,0 m (TO)



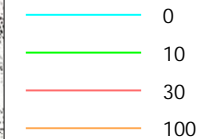
Recettori d'ombra

06: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (26)	28: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (9)	54: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (23)
16: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (5)	29: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (10)	56: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (24)
21: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (6)	33: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (11)	58: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (25)
25: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (7)	34: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (12)	68: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 0,0° (28)
27: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (8)	35: Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (13)	

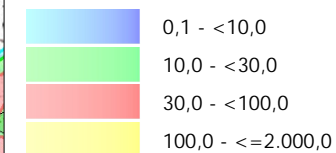


Progetto:
Candela

Ore per anno, caso peggiore



Ore per anno, caso peggiore



0 500 1000 1500 2000 m

Mappa: IGM maps 1:25000 , Scala di stampa 1:45.000, Centro mappa UTM (north)-WGS84 Zone: 33 Est: 547.880 Nord: 4.552.610

▲ Nuova WTG

● Recettore d'ombra

Fonte altimetria:: Height Contours: CONTOURLINE_ONLINEDATA_0.wpo (1)

SHADOW -
Mappa
Calcolo:
Flickering_Candela

Utente autorizzato:

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