

Akra Wind Srl

Parco Eolico Akra Wind sito nel Comune di Canicattì (AG)

Studio dell'evoluzione dell'ombra (Shadow Flickering)

Luglio 2022



Committente:

Akra Wind Srl

Akra Wind Srl

Via Sardegna, 40

00187 Roma

P.IVA/C.F. 16277251001

Titolo del Progetto:

Parco Eolico Akra Wind sito nel Comune di Canicattì (AG)

Documento:

**Studio dell'evoluzione dell'ombra
(Shadow Flickering)**

N° Documento:

IT-VesAKR-BFP-ENV-TR-008

Progettista:



Via Degli Arredatori, 8
70026 Modugno (BA) - Italy
www.bfpgroup.net - info@bfpgroup.net
tel. (+39) 0805046361

Azienda con Sistema di Gestione Certificato
UNI EN ISO 9001:2015
UNI EN ISO 14001:2015
UNI ISO 45001:2018

Tecnico

ing. Danilo POMPONIO

Collaborazioni

ing. Milena MIGLIONICO
ing. Giulia CARELLA
ing. Tommaso MANCINI
ing. Margherita DEBERNARDIS
ing. Fabio MASTROSERIO
ing. Martino LAPENNA
ing. Nunzia ZECCHILLO
ing. Miriam MATARRESE
ing. Roberta ALBANESE
ing. Mariano MARSEGLIA
ing. Giuseppe Federico ZINGARELLI
ing. Dionisio STAFFIERI

Responsabile Commessa

ing. Danilo POMPONIO

Rev	Data Revisione	Descrizione	Redatto	Controllato	Approvato
00	30/07/2022	Emissione	Albanese	Miglionico	Pomponio

Sommario

1. PREMESSA	1
1.1 Descrizione del progetto	1
2. ANALISI DELL'ESPOSIZIONE SOLARE	3
3. VALUTAZIONE PREVENTIVA DELLE OMBRE GENERATE	4

1. PREMESSA

La presente relazione è finalizzata a verificare la compatibilità del progetto per la realizzazione di un impianto per la produzione di energia elettrica da fonte rinnovabile eolica proposto dalla società Akra Wind S.r.l., con le Linee Guida del DM 2010.

La proposta progettuale è finalizzata alla realizzazione di un impianto eolico per la produzione di energia elettrica da fonte rinnovabile eolica, costituito da 9 aerogeneratori, ciascuno di potenza nominale pari a 7,2 MW per una potenza complessiva di 64,8 MW, da realizzarsi nel territorio comunale di Canicattì (AG) e delle relative opere di connessione alla RTN mediante la realizzazione di una Sottostazione Elettrica di trasformazione AT/MT che si collegherà alla Stazione Elettrica Terna nel comune di Favara (AG).

1.1 Descrizione del progetto

Il parco eolico di progetto è previsto nell'area a nord-ovest del territorio comunale di Canicattì (AG), ad una distanza minima dal centro abitato di circa 4 km.

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

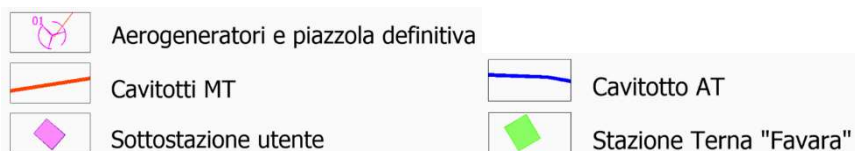
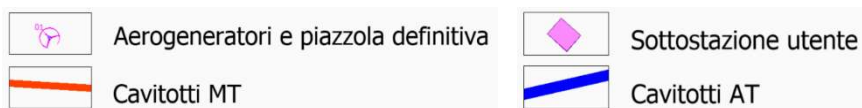
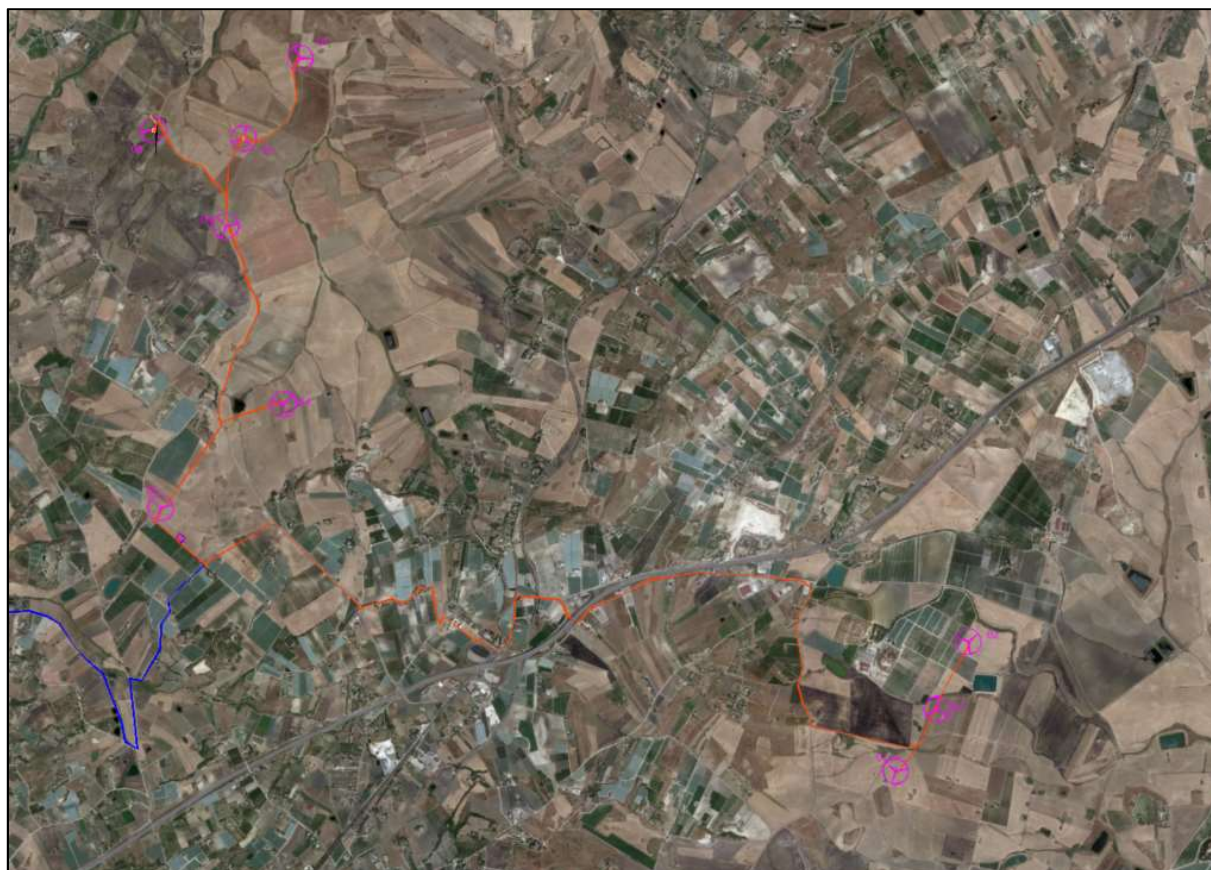
L'area di progetto, intesa come quella occupata dai 9 aerogeneratori di progetto con annesso piazzole, interessa il territorio comunale di Canicattì (AG), censito al NCT ai fogli di mappa nn. 1, 2, 26, 29. La Sottostazione Elettrica di trasformazione AT/MT interessa il territorio comunale di Canicattì censito al NCT al foglio di mappa n. 1.

I cavidotti MT di connessione tra gli aerogeneratori interessano il territorio comunale di Canicattì, nello specifico ai fogli di mappa 1, 2, 9, 10, 23, 26 e 29.

Il cavidotto AT di connessione tra la sottostazione utente e la Stazione Elettrica Terna di Favara si estende per circa 22 km, sviluppandosi per lo più in banchina alla viabilità esistente e attraversando i comuni di Canicattì, Racalmuto, Grotte, Comitini e Favara.

Dal punto di vista cartografico, le opere di progetto ricadono nelle seguenti tavolette e fogli di mappa:

- Foglio I.G.M. scala 1:50.000 – Tavole nn. 630 e 637
- Foglio I.G.M. scala 1:25.000 – Tavole nn. 267 II-NE e 267 II-SE
- CTR scala 1:10.000 – Tavolette nn. 637030, 637020, 630150, 630140.


Figura 1: Ubicazione su IGM dell'area di impianto e delle opere di connessione

Figura 2: Dettaglio dell'area di impianto su ortofoto

Di seguito, si riporta la tabella riepilogativa in cui sono indicate per ciascun aerogeneratore e per la Sottostazione le relative coordinate (WGS84 – UTM zone 33N) e le particelle catastali, con riferimento al catasto dei terreni del Comune di Canicattì.

WTG	COORDINATE GEOGRAFICHE WGS84		COORDINATE PLANIMETRICHE UTM33 WGS 84		DATI CATASTALI		
	LATITUDINE	LONGITUDINE	EST (X)	NORD (Y)	Comune	foglio	p.lle
1	37°23'34.11"	13°53'25.53"	401783	4139027	Canicattì	29	194
2	37°24'2.07"	13°53'44.68"	402264	4139883	Canicattì	26	22
3	37°23'47.49"	13°53'36.56"	402059	4139436	Canicattì	26	64, 67
4	37°24'51.21"	13°50'40.05"	397743	4141452	Canicattì	2	82
5	37°24'28.57"	13°50'7.33"	396930	4140764	Canicattì	1	62
7	37°26'5.29"	13°50'43.39"	397853	4143734	Canicattì	2	201, 202
8	37°25'49.45"	13°50'4.27"	396885	4143257	Canicattì	2	297
9	37°25'29.09"	13°50'23.92"	397361	4142624	Canicattì	2	320
10	37°25'47.96"	13°50'28.42"	397478	4143204	Canicattì	2	116
SSE	37°24'22.10"	13°50'12.84"	397063	4140563	Canicattì	1	446

2. ANALISI DELL'ESPOSIZIONE SOLARE

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 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 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 pari a **200 m** (altezza mozzo + lunghezza della pala), dato che l'aerogeneratore di progetto 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 un'intermittenza dell'ombra (una sorta di effetto stroboscopico) a seguito del movimento del rotore dell'aerogeneratore quando è 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 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 1000 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'evoluzione dell'ombra per i fabbricati destinati a "civile abitazione" o "edifici pubblici" maggiormente coinvolti dall'effetto flicker, presenti nel raggio di 1000 m.

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

- sole sempre presente, ovvero 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 2.0x2.0 m, in tutte le esposizioni, altezza della finestra da terra 1.0m;
- altezza occhio umano 1.6 m.

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

- **la massima durata dell'ombra all'anno è di circa 185 ore/anno con un ombreggiamento giornaliero massimo di 1,26 ore/giorno;**
- **sempre dai tabulati risulta che l'ombreggiamento sui recettori è in media inferiore ad 1 ora/giorno.**

Si precisa che non c'è una normativa che indichi un limite di ore/giorno di ombra, ma ci sono riferimenti da best practice che indicano un benchmark di ore massimo al giorno.

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]
A	0:00	0	0:00
B	98:38	138	1:00
C	71:59	120	0:50
D	101:15	143	0:59
E	34:49	149	0:30
F	0:00	0	0:00
G	0:00	0	0:00
H	0:00	0	0:00
I	0:00	0	0:00
J	0:00	0	0:00
K	54:38	93	0:47
L	77:03	147	0:47
M	74:02	128	0:44
N	49:15	84	0:51
O	124:44	204	1:07
P	185:40	223	1:26
Q	103:20	121	1:09

R	0:00	0	0:00
S	23:00	52	0:32
T	34:38	72	0:35
U	38:32	82	0:36
V	39:13	97	0:42
W	39:44	58	0:51
X	76:32	94	1:09
Y	70:31	93	1:05
Z	34:15	83	0:37
AA	61:27	116	0:42
AB	103:45	160	0:57
AC	133:49	185	1:09
AD	8:45	36	0:21
AE	6:08	32	0:17
AF	21:00	55	0:34
AG	25:11	59	0:37
AH	93:26	159	1:05
AI	54:21	118	0:51
AJ	44:35	107	0:46
AK	39:17	105	0:44
AL	41:29	124	0:41
AM	87:13	134	1:02
AN	53:04	65	1:01
AO	71:24	89	0:57
AP	32:36	68	0:37
AQ	0:00	0	0:00
AR	37:51	62	0:45
AS	0:00	0	0:00
AT	0:00	0	0:00
AU	0:00	0	0:00
AV	19:04	54	0:31
AW	19:53	55	0:31
AX	8:27	38	0:19
AY	5:39	31	0:16
AZ	4:00	26	0:13
BA	50:31	100	0:40
BB	48:14	98	0:39
BC	0:00	0	0:00
BD	0:00	0	0:00
BE	0:00	0	0:00
BF	0:00	0	0:00
BG	0:00	0	0:00
BH	0:00	0	0:00
BI	42:32	119	0:31
BJ	40:38	114	0:38

Si riporta la carta dello shadow flickering con indicazione del recettore più esposto (riquadro in rosso); per maggior dettagli si rimanda ai tabulati di calcolo allegati.

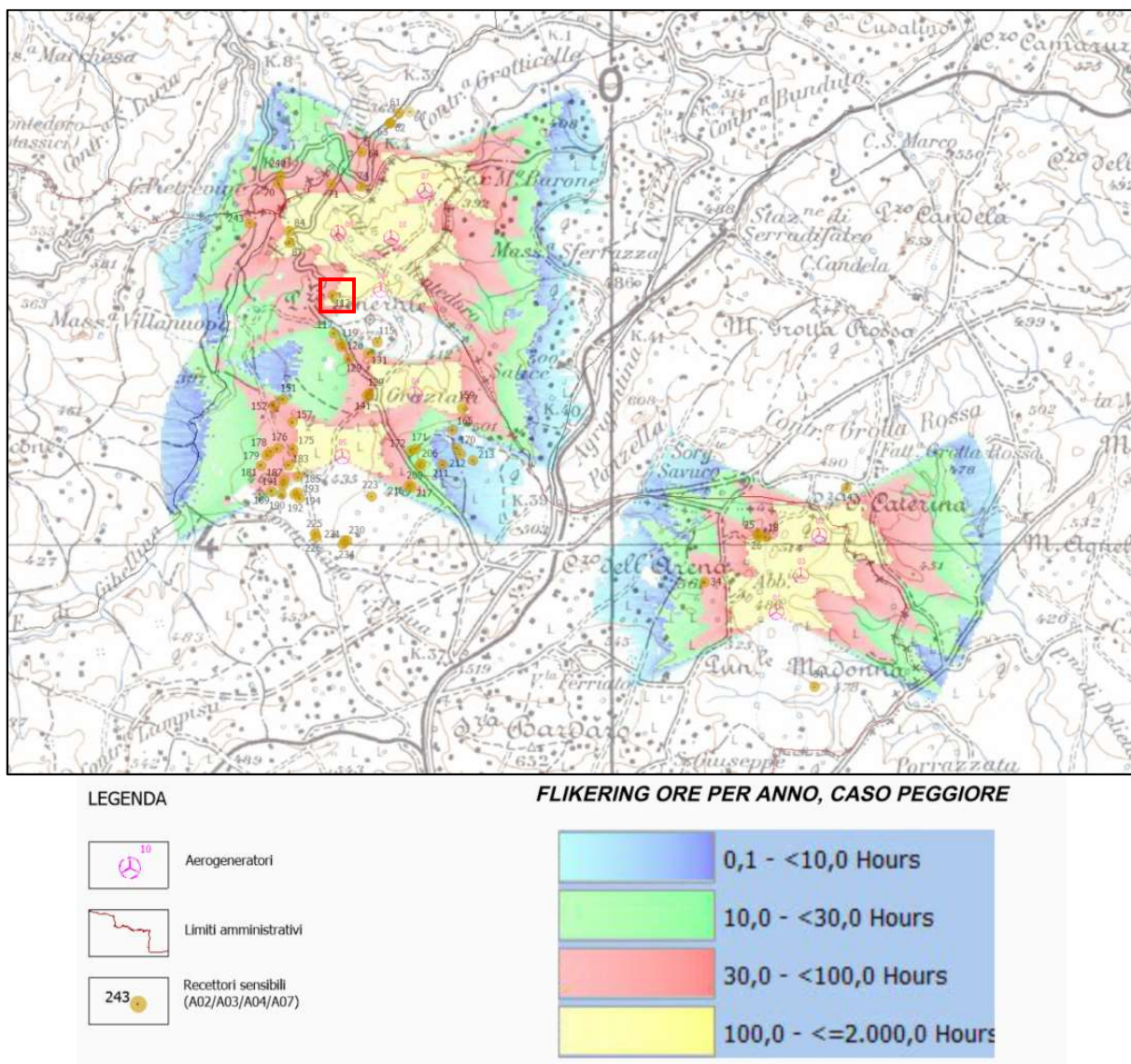


Figura 3: Carta dell'evoluzione dell'ombra giornaliera – Shadow Flicker

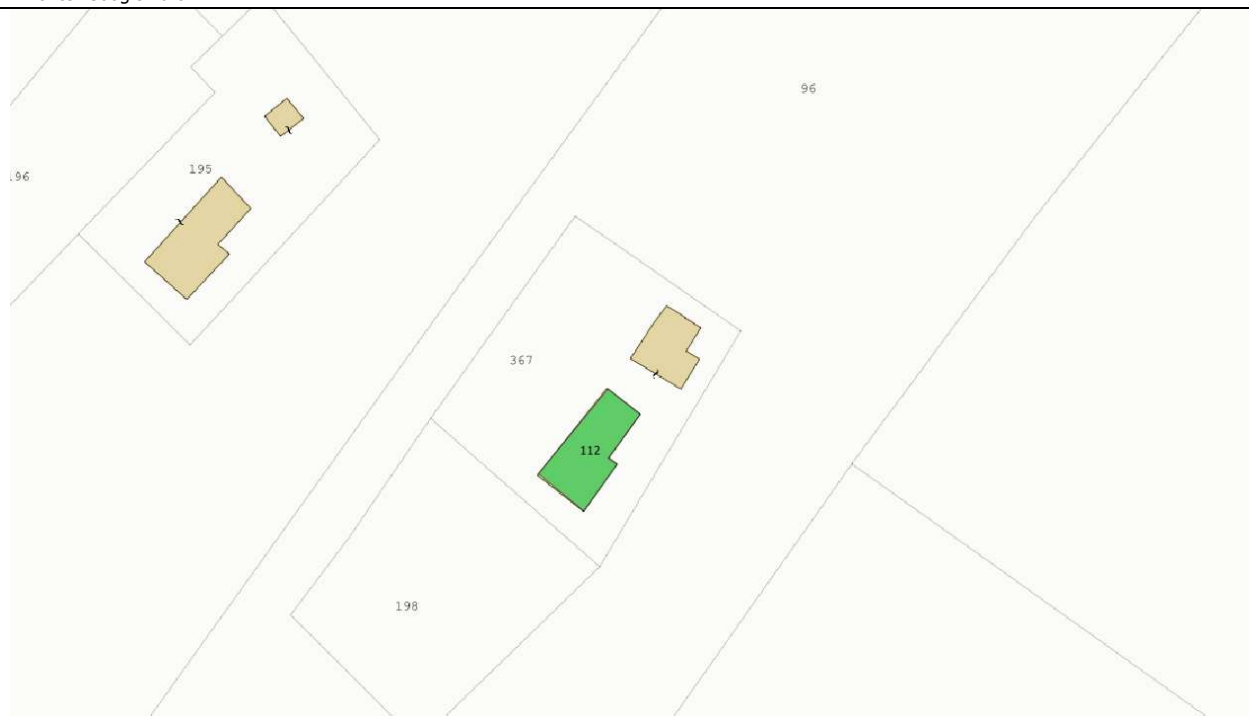
Il recettore più esposto corrisponde al fabbricato n. 112, ubicato in Canicattì catastalmente individuato al foglio di mappa n. 2, particella 367; coord. UTM WGS84-33N: 396820; 4142561.

Tale fabbricato classificato come categoria *A04 - Abitazioni popolari* dista oltre 500 m a ovest dell'aerogeneratore più vicino WTG09.

Per tale recettore sono state calcolate 1,26 ore/giorno di ombreggiamento.

SCHEMA FABBRICATO n. 112
Canicattì (AG)Coordinate: (UTM WGS84-33N)
396820; 4142561

Fonte: Google Earth

**BREVE DESCRIZIONE:**

- Fg. 2, p.lla 367, categoria **A/4**: abitazione di tipo popolare

DISTANZA MINIMA DALL'IMPIANTO: oltre 500 m dall'aerogeneratore più vicino WTG9

Al fabbricato si accede per mezzo di una strada privata sterrata connessa alla strada provinciale Serradifalco-Montedoro, da cui è possibile avere una panoramica della zona in cui sorge il fabbricato in questione. Come da stralcio seguente, si può notare che il fabbricato ricade in un'area con leggera pendenza verso ovest. L'edificio presenta un filare di alberature lungo il

perimetro est, il prospetto che affaccia verso l'aerogeneratore più vicino WTG09.

Questa condizione rappresenta per il fabbricato una schermatura naturale all'effetto shadow flickering valutato in precedenza, proprio perché la vegetazione alta attenua (se non annulla) l'impatto dell'ombra.

Inoltre, si precisa che l'analisi teorica dello shadow flickering non ha tenuto conto del territorio nella zona vasta molto frastagliato, la naturale morfologia ondulatoria e la vegetazione sparsa attenuano ulteriormente gli effetti ombra nell'intorno degli aerogeneratori.



Figura 4: Vista del fabbricato n. 112 – Filare di alberi su prospetto est

Per quanto concerne l'effetto "flickering", quindi, valutando i risultati ottenuti in relazione al contesto antropico locale, si può affermare che il fenomeno non ha impatti negativi sul territorio, dove i fabbricati adibiti a civile abitazione sono in numero limitato (n. 62 fabbricati) e a distanze sempre superiori a 480 metri dagli aerogeneratori di progetto, distanze oltre le quali il fenomeno di ombreggiamento si può considerare praticamente modesto o nullo.

SHADOW - Risultato principale

Calcolo: Analisi Ombreggiamento
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

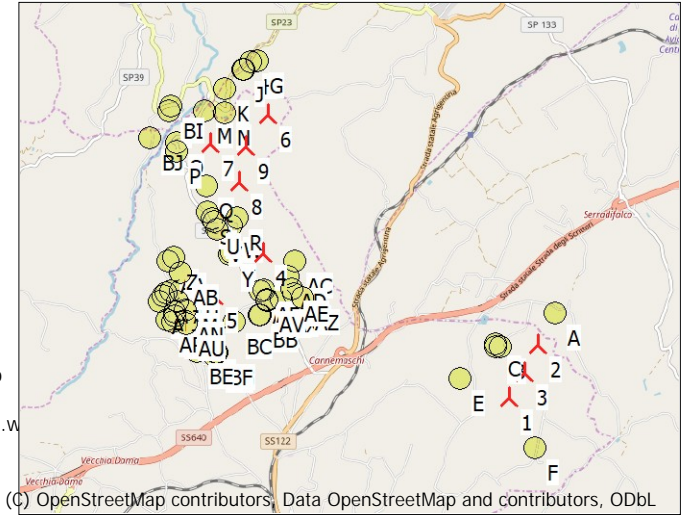
Altezza minima del sole sull'orizzonte 3 °
Passo giornaliero del calcolo 1 giorni
Passo temporale del calcolo 1 minuti
I tempi calcolati sono relativi al "caso peggiore", sulla base delle seguenti assunzioni:

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_1.w
Ostacoli usati:
Risoluzione del grigliato: 1,0 m

Tutte le coordinate sono in
Geo [deg]-WGS84

WTG



(C) OpenStreetMap contributors, Data OpenStreetMap and contributors, ODbL

Scala 1:125.000

▲ Nuova WTG

● Recettore d'ombra

	Longitude	Latitude	Z	Dati/Descrizione	Tipo di WTG			Potenza nominale	Diametro rotore	Altezza mozzo	Dati di ombra	
					Valida	Produttore	Tipo generatore				Distanza di calcolo	giri/min
			[m]				[kW]	[m]	[m]	[m]	[giri/min]	
1	13,890426° E	37,392809° N	471,4	VESTAS V162-7.2 7...Si	Si	VESTAS	V162-7.2-7.200	7.200	162,0	119,0	2.041	9,5
2	13,895746° E	37,400575° N	460,0	VESTAS V162-7.2 7...Si	Si	VESTAS	V162-7.2-7.200	7.200	162,0	119,0	2.041	9,5
3	13,893489° E	37,396524° N	460,0	VESTAS V162-7.2 7...Si	Si	VESTAS	V162-7.2-7.200	7.200	162,0	119,0	2.041	9,5
4	13,844458° E	37,414226° N	410,0	VESTAS V162-7.2 7...Si	Si	VESTAS	V162-7.2-7.200	7.200	162,0	119,0	2.041	9,5
5	13,835368° E	37,407936° N	432,4	VESTAS V162-7.2 7...Si	Si	VESTAS	V162-7.2-7.200	7.200	162,0	119,0	2.041	9,5
6	13,845385° E	37,434804° N	380,0	VESTAS V162-7.2 7...Si	Si	VESTAS	V162-7.2-7.200	7.200	162,0	119,0	2.041	9,5
7	13,834520° E	37,430403° N	364,0	VESTAS V162-7.2 7...Si	Si	VESTAS	V162-7.2-7.200	7.200	162,0	119,0	2.041	9,5
8	13,839979° E	37,424746° N	413,4	VESTAS V162-7.2 7...Si	Si	VESTAS	V162-7.2-7.200	7.200	162,0	119,0	2.041	9,5
9	13,841229° E	37,429989° N	390,0	VESTAS V162-7.2 7...Si	Si	VESTAS	V162-7.2-7.200	7.200	162,0	119,0	2.041	9,5

Recettore d'ombra-Immissione dati

n.	Longitude	Latitude	Z	Ampiezza	Height	Altezza s.l.t.	Inclinazione della finestra	Modo orientazione	Altezza osservatore
			[m]	[m]	[m]	[m]	[°]		[m]
A	13,899051° E	37,405354° N	480,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
B	13,888901° E	37,400338° N	490,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
C	13,887936° E	37,400663° N	498,4	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
D	13,887969° E	37,400354° N	491,7	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
E	13,881348° E	37,395713° N	540,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
F	13,895324° E	37,385353° N	459,7	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
G	13,843378° E	37,442700° N	373,6	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
H	13,842016° E	37,442569° N	370,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
I	13,840809° E	37,441531° N	370,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
J	13,840764° E	37,441514° N	370,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
K	13,837344° E	37,438580° N	358,8	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
L	13,826880° E	37,435286° N	340,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
M	13,833491° E	37,435290° N	315,1	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
N	13,837354° E	37,435104° N	326,6	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
O	13,828335° E	37,430578° N	345,7	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
P	13,828377° E	37,429374° N	355,4	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
Q	13,833883° E	37,424121° N	399,4	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
R	13,839651° E	37,419470° N	451,8	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
S	13,834104° E	37,420315° N	440,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
T	13,834959° E	37,419309° N	450,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
U	13,835170° E	37,418898° N	450,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
V	13,835991° E	37,417725° N	450,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
W	13,838494° E	37,418362° N	450,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5

continua alla pagina successiva...

SHADOW - Risultato principale

Calcolo: Analisi Ombreggiamento

...continua dalla pagina precedente

n.	Longitude	Latitude	Z	Ampiezza	Height	Altezza s.l.t.	Inclinazione della finestra [°]	Modo orientazione	Altezza osservatore [m]
X	13,838494° E	37,414344° N	444,5	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
Y	13,838222° E	37,414078° N	447,5	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
Z	13,827756° E	37,413604° N	402,8	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AA	13,826612° E	37,412978° N	400,3	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AB	13,829000° E	37,411291° N	415,1	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AC	13,850420° E	37,412975° N	446,8	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AD	13,849186° E	37,410760° N	474,2	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AE	13,849789° E	37,408946° N	490,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AF	13,844601° E	37,408785° N	491,6	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AG	13,844032° E	37,408590° N	490,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AH	13,829070° E	37,408619° N	420,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AI	13,827125° E	37,408621° N	425,9	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AJ	13,826252° E	37,408373° N	430,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AK	13,825849° E	37,407989° N	440,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AL	13,825032° E	37,406950° N	433,1	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AM	13,828572° E	37,407013° N	424,8	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AN	13,829829° E	37,405798° N	422,8	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AO	13,827993° E	37,405453° N	436,2	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AP	13,826437° E	37,404386° N	447,5	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AQ	13,827623° E	37,403994° N	437,5	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AR	13,827935° E	37,404926° N	436,8	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AS	13,829312° E	37,404005° N	420,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AT	13,829654° E	37,404185° N	420,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AU	13,830093° E	37,403658° N	420,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AV	13,845215° E	37,407231° N	492,2	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AW	13,845137° E	37,407063° N	491,6	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AX	13,847984° E	37,407199° N	498,5	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AY	13,850237° E	37,408273° N	490,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
AZ	13,851835° E	37,407689° N	490,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
BA	13,843808° E	37,405114° N	485,3	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
BB	13,843939° E	37,405039° N	485,4	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
BC	13,839065° E	37,403977° N	470,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
BD	13,832056° E	37,400155° N	420,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
BE	13,832187° E	37,399668° N	420,0	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
BF	13,835956° E	37,399527° N	450,4	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
BG	13,835752° E	37,399465° N	448,6	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
BH	13,835355° E	37,399049° N	440,7	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
BI	13,827150° E	37,436080° N	345,8	2,0	2,0	0,5	90,0	"Modalità serra"	2,5
BJ	13,823224° E	37,431287° N	349,4	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 [ore/anno]	Giorni con ombra per anno [giorni/anno]	Massima durata dell'ombra per giorno [ore/giorno]
A	0:00	0	0:00
B	98:38	138	1:00
C	71:59	120	0:50
D	101:15	143	0:59
E	34:49	149	0:30
F	0:00	0	0:00
G	0:00	0	0:00
H	0:00	0	0:00
I	0:00	0	0:00
J	0:00	0	0:00
K	54:38	93	0:47
L	77:03	147	0:47
M	74:02	128	0:44
N	49:15	84	0:51
O	124:44	204	1:07
P	185:40	223	1:26
Q	103:20	121	1:09

continua alla pagina successiva...

SHADOW - Risultato principale

Calcolo: Analisi Ombreggiamento

...continua dalla pagina precedente

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]
R	0:00	0	0:00
S	23:00	52	0:32
T	34:38	72	0:35
U	38:32	82	0:36
V	39:13	97	0:42
W	39:44	58	0:51
X	76:32	94	1:09
Y	70:31	93	1:05
Z	34:15	83	0:37
AA	61:27	116	0:42
AB	103:45	160	0:57
AC	133:49	185	1:09
AD	8:45	36	0:21
AE	6:08	32	0:17
AF	21:00	55	0:34
AG	25:11	59	0:37
AH	93:26	159	1:05
AI	54:21	118	0:51
AJ	44:35	107	0:46
AK	39:17	105	0:44
AL	41:29	124	0:41
AM	87:13	134	1:02
AN	53:04	65	1:01
AO	71:24	89	0:57
AP	32:36	68	0:37
AQ	0:00	0	0:00
AR	37:51	62	0:45
AS	0:00	0	0:00
AT	0:00	0	0:00
AU	0:00	0	0:00
AV	19:04	54	0:31
AW	19:53	55	0:31
AX	8:27	38	0:19
AY	5:39	31	0:16
AZ	4:00	26	0:13
BA	50:31	100	0:40
BB	48:14	98	0:39
BC	0:00	0	0:00
BD	0:00	0	0:00
BE	0:00	0	0:00
BF	0:00	0	0:00
BG	0:00	0	0:00
BH	0:00	0	0:00
BI	42:32	119	0:31
BJ	40:38	114	0:38

Ombreggiamento totale sui recettori d'ombra causato da ciascuna WTG

n.	Nome	Caso peggiore [ore/anno]
1	VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (1)	20:35
2	VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (2)	74:09
3	VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (3)	76:37
4	VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (4)	342:03
5	VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (5)	478:34
6	VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (6)	150:31
7	VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (7)	264:07
8	VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (8)	153:26
9	VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (9)	123:25

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: Analisi Ombreggiamento Recettore d'ombra: A - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (244)
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	07:19 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:19	05:47 20:30	06:08 20:14	06:34 19:35	07:00 18:50	06:29 17:08	07:00 16:47
2	07:20 16:58	07:08 17:29	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:00 18:48	06:30 17:07	07:01 16:47
3	07:20 16:59	07:07 17:30	06:35 18:00	06:49 19:29	06:09 19:57	05:45 20:21	05:48 20:30	06:10 20:12	06:36 19:32	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:33 18:01	06:48 19:29	06:08 19:57	05:45 20:21	05:49 20:29	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:02 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:30	06:07 19:57	05:45 20:22	05:49 20:29	06:12 20:10	06:38 19:29	07:03 18:44	06:33 17:04	07:03 16:47
6	07:20 17:01	07:05 17:34	06:31 18:03	06:45 19:31	06:05 19:58	05:44 20:23	05:44 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:04 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:04 19:59	05:44 20:23	05:50 20:29	06:13 20:08	06:39 19:26	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:03 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:26 18:06	06:40 19:34	06:02 20:01	05:44 20:24	05:51 20:28	06:15 20:05	06:41 19:23	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:01 20:02	05:44 20:25	05:52 20:28	06:16 20:04	06:42 19:22	07:07 18:36	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:23 18:08	06:37 19:36	06:00 20:03	05:44 20:25	05:53 20:28	06:17 20:03	06:43 19:20	07:08 18:35	06:39 16:58	07:08 16:47
12	07:19 17:07	06:59 17:40	06:22 18:09	06:36 19:37	05:59 20:04	05:44 20:26	05:53 20:27	06:18 20:02	06:44 19:19	07:09 18:33	06:40 16:57	07:09 16:47
13	07:19 17:08	06:58 17:41	06:20 18:09	06:34 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:18 20:01	06:44 19:17	07:10 18:32	06:41 16:57	07:10 16:47
14	07:19 17:09	06:56 17:42	06:19 18:10	06:33 19:38	05:58 20:05	05:43 20:27	05:55 20:26	06:19 20:00	06:45 19:16	07:11 18:31	06:42 16:56	07:11 16:48
15	07:19 17:10	06:55 17:44	06:18 18:11	06:32 19:39	05:57 20:06	05:43 20:27	05:55 20:26	06:20 19:58	06:46 19:14	07:12 18:29	06:43 16:55	07:11 16:48
16	07:18 17:11	06:54 17:45	06:16 18:12	06:30 19:40	05:56 20:07	05:44 20:27	05:56 20:25	06:21 19:57	06:47 19:13	07:13 18:28	06:44 16:54	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:26	06:45 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:54 20:09	05:44 20:28	05:57 20:24	06:23 19:55	06:49 19:10	07:15 18:25	06:46 16:53	07:13 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:28	05:58 20:24	06:24 19:53	06:49 19:08	07:16 18:24	06:48 16:52	07:14 16:49
20	07:17 17:15	06:49 17:49	06:10 18:16	06:25 19:44	05:53 20:10	05:44 20:29	05:59 20:23	06:24 19:52	06:50 19:06	07:17 18:22	06:49 16:52	07:15 16:50
21	07:16 17:16	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:11	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:17	06:47 17:51	06:07 18:18	06:22 19:46	05:51 20:12	05:44 20:29	06:00 20:22	06:26 19:49	06:52 19:03	07:19 18:20	06:51 16:51	07:16 16:51
23	07:15 17:18	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:29	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:19	06:44 17:53	06:04 18:20	06:20 19:47	05:50 20:14	05:45 20:29	06:02 20:20	06:28 19:47	06:54 19:00	07:21 18:17	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:20	06:18 19:48	05:50 20:14	05:45 20:30	06:03 20:20	06:29 19:45	06:54 18:59	07:22 17:16	06:54 16:49	07:17 16:52
26	07:13 17:22	06:42 17:55	06:01 18:21	06:17 19:49	05:49 20:15	05:45 20:30	06:03 20:19	06:29 19:44	06:55 18:57	07:23 17:15	06:55 16:49	07:17 16:53
27	07:13 17:23	06:40 17:56	06:00 18:22	06:16 19:50	05:48 20:16	05:46 20:30	06:04 20:18	06:30 19:42	06:56 18:56	07:24 17:14	06:56 16:49	07:18 16:53
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:17	06:31 19:41	06:57 18:54	07:25 17:12	06:57 16:48	07:18 16:54
29	07:11 17:25		06:56 19:24	06:13 19:52	05:47 20:17	05:46 20:30	06:06 20:16	06:32 19:40	06:58 18:53	07:26 17:11	06:58 16:48	07:18 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	07:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:53 19:26		05:46 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: B - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (245)
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	07:19		08:16 (3)	07:09	06:38		06:52	07:10 (2)	06:11	05:46		
	16:57	49	09:05 (3)	17:28	17:58		19:27	48	07:58 (2)	19:54	20:20	
2	07:20		08:17 (3)	07:08	06:36		06:51	07:08 (2)	06:10	05:46		
	16:58	48	09:05 (3)	17:29	17:59		19:28	50	07:58 (2)	19:55	20:20	
3	07:20		08:18 (3)	07:07	06:35		06:49	07:07 (2)	06:09	05:45		
	16:59	47	09:05 (3)	17:31	18:00		19:29	51	07:58 (2)	19:56	20:21	
4	07:20		08:19 (3)	07:07	06:33		06:48	07:05 (2)	06:08	05:45		
	17:00	46	09:05 (3)	17:32	18:01		19:30	53	07:58 (2)	19:57	20:21	
5	07:20		08:20 (3)	07:06	06:32		06:46	07:04 (2)	06:07	05:45		
	17:01	45	09:05 (3)	17:33	18:02		19:30	54	07:58 (2)	19:57	20:22	
6	07:20		08:21 (3)	07:05	06:31		06:45	07:02 (2)	06:06	05:45		
	17:01	44	09:05 (3)	17:34	18:03		19:31	55	07:57 (2)	19:58	20:23	
7	07:20		08:22 (3)	07:04	06:29		06:43	07:01 (2)	06:04	05:44		
	17:02	43	09:05 (3)	17:35	18:04		19:32	56	07:57 (2)	19:59	20:23	
8	07:20		08:23 (3)	07:03	06:28		06:42	06:59 (2)	06:03	05:44		
	17:03	41	09:04 (3)	17:36	18:05		19:33	58	07:57 (2)	20:00	20:24	
9	07:20		08:24 (3)	07:02	06:26		06:40	06:58 (2)	06:02	05:44		
	17:04	40	09:04 (3)	17:37	18:06		19:34	59	07:57 (2)	20:01	20:24	
10	07:20		08:26 (3)	07:01	06:25		06:39	06:56 (2)	06:01	05:44		
	17:05	38	09:04 (3)	17:38	18:07		19:35	59	07:55 (2)	20:02	20:25	
11	07:20		08:28 (3)	07:00	06:23		06:37	06:55 (2)	06:00	05:44		
	17:06	35	09:03 (3)	17:39	18:08		19:36	60	07:55 (2)	20:03	20:25	
12	07:19		08:28 (3)	06:59	06:22		06:36	06:55 (2)	06:00	05:44		
	17:07	33	09:01 (3)	17:40	18:09		19:37	60	07:55 (2)	20:04	20:26	
13	07:19		08:30 (3)	06:58	06:21		06:35	06:55 (2)	05:59	05:44		
	17:08	31	09:01 (3)	17:41	18:10		19:38	59	07:54 (2)	20:05	20:26	
14	07:19		08:33 (3)	06:56	06:19		06:33	06:55 (2)	05:58	05:44		
	17:09	27	09:00 (3)	17:43	18:10		19:38	58	07:53 (2)	20:05	20:27	
15	07:19		08:34 (3)	06:55	06:18		06:32	06:55 (2)	05:57	05:44		
	17:10	23	08:57 (3)	17:44	18:11		19:39	57	07:52 (2)	20:06	20:27	
16	07:18		08:38 (3)	06:54	06:16		06:30	06:56 (2)	05:56	05:44		
	17:11	17	08:55 (3)	17:45	18:12		19:40	55	07:51 (2)	20:07	20:27	
17	07:18		08:42 (3)	06:53	06:15		06:29	06:56 (2)	05:55	05:44		
	17:12	10	08:52 (3)	17:46	18:13		19:41	55	07:51 (2)	20:08	20:28	
18	07:18			06:52	06:13		06:28	06:56 (2)	05:54	05:44		
	17:13			17:47	18:14		19:42	53	07:49 (2)	20:09	20:28	
19	07:17			06:51	06:12		06:26	06:57 (2)	05:54	05:44		
	17:14			17:48	18:15	11	06:40 (2)	19:43	51	07:48 (2)	20:10	20:28
20	07:17			06:49	06:10		06:28 (2)	06:25	06:58 (2)	05:53	05:44	
	17:15			17:49	18:16	16	06:44 (2)	19:44	49	07:47 (2)	20:10	20:29
21	07:16			06:48	06:09		06:26 (2)	06:24	06:58 (2)	05:52	05:44	
	17:16			17:50	18:17	21	06:47 (2)	19:45	47	07:45 (2)	20:11	20:29
22	07:16			06:47	06:07		06:25 (2)	06:22	07:00 (2)	05:51	05:44	
	17:17			17:51	18:18	25	06:50 (2)	19:46	44	07:44 (2)	20:12	20:29
23	07:15			06:46	06:06		06:23 (2)	06:21	07:01 (2)	05:51	05:45	
	17:18			17:52	18:19	28	06:51 (2)	19:47	42	07:43 (2)	20:13	20:29
24	07:15			06:44	06:04		06:22 (2)	06:20	07:03 (2)	05:50	05:45	
	17:20			17:53	18:20	31	06:53 (2)	19:47	38	07:41 (2)	20:14	20:29
25	07:14			06:43	06:03		06:20 (2)	06:18	07:04 (2)	05:50	05:45	
	17:21			17:54	18:21	34	06:54 (2)	19:48	35	07:39 (2)	20:14	20:30
26	07:14			06:42	06:01		06:19 (2)	06:17	07:05 (2)	05:49	05:45	
	17:22			17:55	18:21	36	06:55 (2)	19:49	32	07:37 (2)	20:15	20:30
27	07:13			06:40	06:00		06:17 (2)	06:16	07:08 (2)	05:48	05:46	
	17:23			17:56	18:22	38	06:55 (2)	19:50	26	07:34 (2)	20:16	20:30
28	07:12			06:39	05:58		06:16 (2)	06:15	07:11 (2)	05:48	05:46	
	17:24			17:57	18:23	41	06:57 (2)	19:51	20	07:31 (2)	20:17	20:30
29	07:11				06:57		07:14 (2)	06:13	07:15 (2)	05:47	05:47	
	17:25				19:24	43	07:57 (2)	19:52	12	07:27 (2)	20:17	20:30
30	07:11				06:55		07:13 (2)	06:12		05:47	05:47	
	17:26				19:25	45	07:58 (2)	19:53		20:18	20:30	
31	07:10				06:54		07:11 (2)			05:47		
	17:27				19:26	46	07:57 (2)			20:19		
Ore potenziali eliofanìa	307			302	370		394		439		441	
Totale, caso peggiore	617			415			1396					

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: Analisi Ombreggiamento Recettore d'ombra: B - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (245)
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	05:47 20:30	06:08 20:14	06:34 19:35	60 06:54 (2) 07:54 (2)	07:00 18:50	06:29 17:08	07:00 16:48	35 08:10 (3) 08:45 (3)
2	05:48 20:30	06:09 20:13	06:35 19:34	59 06:55 (2) 07:54 (2)	07:00 18:48	06:30 17:07	07:01 16:47	38 08:09 (3) 08:47 (3)
3	05:48 20:30	06:10 20:12	06:36 19:32	59 06:56 (2) 07:55 (2)	07:01 18:47	06:31 17:06	07:02 16:47	39 08:09 (3) 08:48 (3)
4	05:49 20:29	06:11 20:11	06:37 19:31	58 06:56 (2) 07:54 (2)	07:02 18:45	06:32 17:05	07:03 16:47	41 08:08 (3) 08:49 (3)
5	05:49 20:29	06:12 20:10	06:38 19:29	57 06:57 (2) 07:54 (2)	07:03 18:44	06:33 17:04	07:03 16:47	43 08:07 (3) 08:50 (3)
6	05:50 20:29	06:13 20:09	06:39 19:28	55 06:58 (2) 07:53 (2)	07:04 18:42	06:34 17:03	07:04 16:47	44 08:07 (3) 08:51 (3)
7	05:50 20:29	06:13 20:08	06:39 19:26	54 06:59 (2) 07:53 (2)	07:05 18:41	06:35 17:02	07:05 16:47	45 08:07 (3) 08:52 (3)
8	05:51 20:29	06:14 20:07	06:40 19:25	53 07:00 (2) 07:53 (2)	07:06 18:39	06:36 17:01	07:06 16:47	46 08:07 (3) 08:53 (3)
9	05:51 20:28	06:15 20:05	06:41 19:23	51 07:00 (2) 07:51 (2)	07:07 18:38	06:37 17:00	07:07 16:47	47 08:07 (3) 08:54 (3)
10	05:52 20:28	06:16 20:04	06:42 19:22	50 07:01 (2) 07:51 (2)	07:07 18:36	06:38 16:59	07:08 16:47	48 08:07 (3) 08:55 (3)
11	05:53 20:28	06:17 20:03	06:43 19:20	48 07:02 (2) 07:50 (2)	07:08 18:35	06:39 16:58	07:08 16:47	49 08:06 (3) 08:55 (3)
12	05:53 20:27	06:18 20:02	06:44 19:19	47 07:03 (2) 07:50 (2)	07:09 18:33	06:40 16:57	07:09 16:47	50 08:07 (3) 08:57 (3)
13	05:54 20:27	06:19 20:01	06:44 19:17	45 07:04 (2) 07:49 (2)	07:10 18:32	06:41 16:57	07:10 16:47	51 08:07 (3) 08:58 (3)
14	05:55 20:26	06:19 20:00	07:22 (2) 07:36 (2)	06:45 19:16	07:11 18:31	06:42 16:56	07:11 16:48	51 08:08 (3) 08:59 (3)
15	05:55 20:26	06:20 19:58	07:17 (2) 07:39 (2)	06:46 19:14	07:12 18:29	06:43 16:55	07:11 16:48	52 08:07 (3) 08:59 (3)
16	05:56 20:25	06:21 19:57	07:14 (2) 07:42 (2)	06:47 19:13	07:13 18:28	06:44 16:54	07:12 16:48	52 08:08 (3) 09:00 (3)
17	05:57 20:25	06:22 19:56	07:12 (2) 07:44 (2)	06:48 19:11	07:14 18:27	06:45 16:54	07:13 16:49	53 08:08 (3) 09:01 (3)
18	05:57 20:24	06:23 19:55	07:10 (2) 07:46 (2)	06:49 19:10	07:15 18:25	06:47 16:53	07:13 16:49	53 08:08 (3) 09:01 (3)
19	05:58 20:24	06:24 19:53	07:08 (2) 07:47 (2)	06:49 19:08	07:16 18:24	06:48 16:52	07:14 16:49	53 08:09 (3) 09:02 (3)
20	05:59 20:23	06:24 19:52	07:06 (2) 07:48 (2)	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50	53 08:09 (3) 09:02 (3)
21	06:00 20:23	06:25 19:51	07:04 (2) 07:49 (2)	06:51 19:05	07:18 18:21	06:50 16:51	07:15 16:50	53 08:10 (3) 09:03 (3)
22	06:00 20:22	06:26 19:49	07:03 (2) 07:50 (2)	06:52 19:03	07:19 18:20	06:51 16:51	07:16 16:51	53 08:10 (3) 09:03 (3)
23	06:01 20:21	06:27 19:48	07:02 (2) 07:51 (2)	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51	53 08:11 (3) 09:04 (3)
24	06:02 20:20	06:28 19:47	07:01 (2) 07:52 (2)	06:54 19:00	07:21 18:17	06:53 16:50	07:17 16:52	53 08:11 (3) 09:04 (3)
25	06:03 20:20	06:29 19:45	07:00 (2) 07:53 (2)	06:54 18:59	06:22 17:16	06:54 16:49	08:20 (3) 07:17	53 08:11 (3) 09:04 (3)
26	06:04 20:19	06:29 19:44	06:58 (2) 07:53 (2)	06:55 18:57	06:23 17:15	06:55 16:49	08:30 (3) 08:17 (3)	53 08:12 (3) 09:05 (3)
27	06:04 20:18	06:30 19:42	06:58 (2) 07:53 (2)	06:56 18:56	06:24 17:14	06:56 16:49	08:34 (3) 08:14 (3)	53 08:13 (3) 09:05 (3)
28	06:05 20:17	06:31 19:41	06:57 (2) 07:54 (2)	06:57 18:54	06:25 17:13	06:57 16:48	08:13 (3) 08:40 (3)	52 08:13 (3) 09:05 (3)
29	06:06 20:16	06:32 19:40	06:56 (2) 07:54 (2)	06:58 18:53	06:26 17:11	06:58 16:48	08:12 (3) 08:42 (3)	52 08:14 (3) 09:06 (3)
30	06:07 20:16	06:33 19:38	06:55 (2) 07:54 (2)	06:59 18:51	06:27 17:10	06:59 16:48	08:10 (3) 08:43 (3)	51 08:15 (3) 09:06 (3)
31	06:08 20:15	06:34 19:37	06:54 (2) 07:54 (2)		06:28 17:09		07:19 16:56	51 08:15 (3) 09:06 (3)
Ore potenziali eliofanìa	448	421	373	1029	349	306	140	1519
Totale, caso peggiore		802		1029		140		1519

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: Analisi Ombreggiamento Recettore d'ombra: C - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (246)
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	07:19		08:04 (3)	07:09	06:38		06:52	07:10 (2)	06:11	05:46		
	16:57	43	08:47 (3)	17:28	17:58		19:27	07:58 (2)	19:54	20:20		
2	07:20		08:05 (3)	07:08	06:36		06:51	07:08 (2)	06:10	05:46		
	16:58	42	08:47 (3)	17:29	17:59		19:28	07:57 (2)	19:55	20:20		
3	07:20		08:05 (3)	07:07	06:35		06:49	07:07 (2)	06:09	05:45		
	16:59	41	08:46 (3)	17:31	18:00		19:29	07:56 (2)	19:56	20:21		
4	07:20		08:06 (3)	07:07	06:33		06:48	07:05 (2)	06:08	05:45		
	17:00	40	08:46 (3)	17:32	18:01		19:30	07:55 (2)	19:57	20:21		
5	07:20		08:07 (3)	07:06	06:32		06:46	07:05 (2)	06:07	05:45		
	17:01	39	08:46 (3)	17:33	18:02		19:30	07:54 (2)	19:57	20:22		
6	07:20		08:08 (3)	07:05	06:31		06:45	07:05 (2)	06:06	05:45		
	17:01	38	08:46 (3)	17:34	18:03		19:31	07:53 (2)	19:58	20:23		
7	07:20		08:10 (3)	07:04	06:29		06:43	07:06 (2)	06:04	05:44		
	17:02	36	08:46 (3)	17:35	18:04		19:32	07:52 (2)	19:59	20:23		
8	07:20		08:11 (3)	07:03	06:28		06:42	07:06 (2)	06:03	05:44		
	17:03	35	08:46 (3)	17:36	18:05		19:33	07:50 (2)	20:00	20:24		
9	07:20		08:12 (3)	07:02	06:26		06:40	07:08 (2)	06:02	05:44		
	17:04	33	08:45 (3)	17:37	18:06		19:34	07:49 (2)	20:01	20:24		
10	07:20		08:14 (3)	07:01	06:25		06:39	07:08 (2)	06:01	05:44		
	17:05	31	08:45 (3)	17:38	18:07		19:35	07:47 (2)	20:02	20:25		
11	07:20		08:16 (3)	07:00	06:23		06:37	07:10 (2)	06:00	05:44		
	17:06	28	08:44 (3)	17:39	18:08		19:36	07:46 (2)	20:03	20:25		
12	07:19		08:17 (3)	06:59	06:22	06:40 (2)	06:36	07:12 (2)	06:00	05:44		
	17:07	25	08:42 (3)	17:40	18:09	3	06:43 (2)	19:37	07:44 (2)	20:04	20:26	
13	07:19		08:19 (3)	06:58	06:21	06:38 (2)	06:35	07:13 (2)	05:59	05:44		
	17:08	22	08:41 (3)	17:41	18:10	9	06:47 (2)	19:38	07:41 (2)	20:05	20:26	
14	07:19		08:22 (3)	06:56	06:19	06:37 (2)	06:33	07:15 (2)	05:58	05:44		
	17:09	18	08:40 (3)	17:43	18:10	13	06:50 (2)	19:38	07:38 (2)	20:05	20:27	
15	07:19		08:24 (3)	06:55	06:18	06:35 (2)	06:32	07:18 (2)	05:57	05:44		
	17:10	13	08:37 (3)	17:44	18:11	17	06:52 (2)	19:39	07:34 (2)	20:06	20:27	
16	07:18			06:54	06:16	06:34 (2)	06:30		05:56	05:44		
	17:11			17:45	18:12	20	06:54 (2)	19:40		20:07	20:27	
17	07:18			06:53	06:15	06:32 (2)	06:29		05:55	05:44		
	17:12			17:46	18:13	23	06:55 (2)	19:41		20:08	20:28	
18	07:18			06:52	06:13	06:31 (2)	06:28		05:54	05:44		
	17:13			17:47	18:14	26	06:57 (2)	19:42		20:09	20:28	
19	07:17			06:51	06:12	06:29 (2)	06:26		05:54	05:44		
	17:14			17:48	18:15	28	06:57 (2)	19:43		20:10	20:28	
20	07:17			06:49	06:10	06:28 (2)	06:25		05:53	05:44		
	17:15			17:49	18:16	30	06:58 (2)	19:44		20:10	20:29	
21	07:16			06:48	06:09	06:26 (2)	06:24		05:52	05:44		
	17:16			17:50	18:17	32	06:58 (2)	19:45		20:11	20:29	
22	07:16			06:47	06:07	06:25 (2)	06:22		05:51	05:44		
	17:17			17:51	18:18	34	06:59 (2)	19:46		20:12	20:29	
23	07:15			06:46	06:06	06:23 (2)	06:21		05:51	05:45		
	17:18			17:52	18:19	36	06:59 (2)	19:47		20:13	20:29	
24	07:15			06:44	06:04	06:22 (2)	06:20		05:50	05:45		
	17:20			17:53	18:20	38	07:00 (2)	19:48		20:14	20:29	
25	07:14			06:43	06:03	06:20 (2)	06:18		05:50	05:45		
	17:21			17:54	18:21	39	06:59 (2)	19:48		20:14	20:30	
26	07:14			06:42	06:01	06:19 (2)	06:17		05:49	05:45		
	17:22			17:55	18:21	41	07:00 (2)	19:49		20:15	20:30	
27	07:13			06:40	06:00	06:17 (2)	06:16		05:48	05:46		
	17:23			17:56	18:22	42	06:59 (2)	19:50		20:16	20:30	
28	07:12			06:39	05:58	06:16 (2)	06:15		05:48	05:46		
	17:24			17:57	18:23	44	07:00 (2)	19:51		20:17	20:30	
29	07:11				06:57	07:14 (2)	06:13		05:47	05:47		
	17:25				19:24	45	07:59 (2)	19:52		20:17	20:30	
30	07:11				06:55	07:13 (2)	06:12		05:47	05:47		
	17:26				19:25	46	07:59 (2)	19:53		20:18	20:30	
31	07:10				06:54	07:11 (2)			05:47			
	17:27				19:26	47	07:58 (2)		20:19			
Ore potenziali eliofanìa	307			302	370		394		439	441		
Totale, caso peggiore	484				613		598					

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: Analisi Ombreggiamento Recettore d'ombra: C - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (246)
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	05:47 20:30	06:08 20:14	06:35 19:35	07:09 (2) 07:45 (2)	07:00 18:50	07:18 (2) 07:24 (2)	06:29 17:08	07:00 16:48	07:58 (3) 08:26 (3)
2	05:48 20:30	06:09 20:13	06:35 19:34	07:07 (2) 07:46 (2)	07:00 18:48		06:30 17:07	07:01 16:47	07:57 (3) 08:28 (3)
3	05:48 20:30	06:10 20:12	06:36 19:32	07:06 (2) 07:47 (2)	07:01 18:47		06:31 17:06	07:02 16:47	07:56 (3) 08:29 (3)
4	05:49 20:29	06:11 20:11	06:37 19:31	07:03 (2) 07:47 (2)	07:02 18:45		06:32 17:05	07:03 16:47	07:56 (3) 08:30 (3)
5	05:49 20:29	06:12 20:10	06:38 19:29	07:02 (2) 07:48 (2)	07:03 18:44		06:33 17:04	07:03 16:47	07:55 (3) 08:31 (3)
6	05:50 20:29	06:13 20:09	06:39 19:28	07:01 (2) 07:49 (2)	07:04 18:42		06:34 17:03	07:04 16:47	07:55 (3) 08:32 (3)
7	05:50 20:29	06:13 20:08	06:39 19:26	07:00 (2) 07:49 (2)	07:05 18:41		06:35 17:02	07:05 16:47	07:54 (3) 08:33 (3)
8	05:51 20:29	06:14 20:07	06:40 19:25	07:00 (2) 07:50 (2)	07:06 18:39		06:36 17:01	07:06 16:47	07:54 (3) 08:34 (3)
9	05:51 20:28	06:15 20:05	06:41 19:23	07:00 (2) 07:49 (2)	07:07 18:38		06:37 17:00	07:07 16:47	07:55 (3) 08:35 (3)
10	05:52 20:28	06:16 20:04	06:42 19:22	07:01 (2) 07:50 (2)	07:07 18:36		06:38 16:59	07:08 16:47	07:55 (3) 08:37 (3)
11	05:53 20:28	06:17 20:03	06:43 19:20	07:02 (2) 07:50 (2)	07:08 18:35		06:39 16:58	07:08 16:47	07:54 (3) 08:37 (3)
12	05:53 20:27	06:18 20:02	06:44 19:19	07:03 (2) 07:50 (2)	07:09 18:33		06:40 16:57	07:09 16:47	07:54 (3) 08:38 (3)
13	05:54 20:27	06:19 20:01	06:44 19:17	07:04 (2) 07:50 (2)	07:10 18:32		06:41 16:57	07:10 16:47	07:55 (3) 08:39 (3)
14	05:55 20:26	06:19 20:00	06:45 19:16	07:04 (2) 07:49 (2)	07:11 18:31		06:42 16:56	07:11 16:48	07:55 (3) 08:40 (3)
15	05:55 20:26	06:20 19:58	06:46 19:14	07:05 (2) 07:49 (2)	07:12 18:29		06:43 16:55	07:11 16:48	07:55 (3) 08:40 (3)
16	05:56 20:25	06:21 19:57	06:47 19:13	07:06 (2) 07:49 (2)	07:13 18:28		06:44 16:54	07:12 16:48	07:55 (3) 08:41 (3)
17	05:57 20:25	06:22 19:56	06:48 19:11	07:07 (2) 07:48 (2)	07:14 18:27		06:45 16:54	07:13 16:49	07:56 (3) 08:42 (3)
18	05:57 20:24	06:23 19:55	06:49 19:10	07:08 (2) 07:48 (2)	07:15 18:25		06:47 16:53	07:13 16:49	07:56 (3) 08:42 (3)
19	05:58 20:24	06:24 19:53	06:49 19:08	07:08 (2) 07:46 (2)	07:16 18:24		06:48 16:52	07:14 16:49	07:57 (3) 08:43 (3)
20	05:59 20:23	06:24 19:52	06:50 19:07	07:09 (2) 07:46 (2)	07:17 18:23		06:49 16:52	07:15 16:50	07:56 (3) 08:43 (3)
21	06:00 20:23	06:25 19:51	06:51 19:05	07:10 (2) 07:45 (2)	07:18 18:21		06:50 16:51	07:15 16:50	07:57 (3) 08:44 (3)
22	06:00 20:22	06:26 19:49	06:52 19:03	07:11 (2) 07:44 (2)	07:19 18:20		06:51 16:51	07:16 16:51	07:57 (3) 08:44 (3)
23	06:01 20:21	06:27 19:48	06:53 19:02	07:12 (2) 07:43 (2)	07:20 18:19		06:52 16:50	07:16 16:51	07:58 (3) 08:45 (3)
24	06:02 20:20	06:28 19:47	06:54 19:00	07:12 (2) 07:41 (2)	07:21 18:17		06:53 16:50	07:17 16:52	07:58 (3) 08:45 (3)
25	06:03 20:20	06:29 19:45	06:54 18:59	07:13 (2) 07:40 (2)	06:22 17:16		06:54 16:49	07:17 16:52	07:59 (3) 08:45 (3)
26	06:04 20:19	06:29 19:44	06:55 18:57	07:14 (2) 07:38 (2)	06:23 17:15		06:55 16:49	07:17 16:53	08:00 (3) 08:46 (3)
27	06:04 20:18	06:30 19:42	06:56 18:56	07:15 (2) 07:36 (2)	06:24 17:14		06:56 16:49	07:18 16:54	08:00 (3) 08:46 (3)
28	06:05 20:17	06:31 19:41	06:57 18:54	07:16 (2) 07:34 (2)	06:25 17:13		06:57 16:48	07:18 16:54	08:01 (3) 08:46 (3)
29	06:06 20:16	06:32 19:40	06:58 18:53	07:17 (2) 07:32 (2)	06:26 17:11		06:58 16:48	07:19 16:55	08:02 (3) 08:47 (3)
30	06:07 20:16	06:33 19:38	06:59 18:51	07:18 (2) 07:29 (2)	06:27 17:10		06:59 16:48	07:19 16:56	08:03 (3) 08:47 (3)
31	06:08 20:15	06:34 19:37	07:10 (2) 07:43 (2)		06:28 17:09			07:19 16:56	08:03 (3) 08:47 (3)
Ore potenziali eliofanìa	448	421	373	349	306	299			
Totale, caso peggiore		101	1124	6	77	1316			

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: Analisi Ombreggiamento Recettore d'ombra: D - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (247)
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	07:19		07:52 (3)	07:09	06:38		06:52		07:10 (2)	06:11	05:46	
	16:57	58	08:50 (3)	17:28	17:58		19:27	43	07:53 (2)	19:54	20:20	
2	07:20		07:53 (3)	07:08	06:36		06:51		07:08 (2)	06:10	05:46	
	16:58	57	08:50 (3)	17:29	17:59		19:28	44	07:52 (2)	19:55	20:20	
3	07:20		07:54 (3)	07:07	06:35		06:49		07:07 (2)	06:09	05:45	
	16:59	56	08:50 (3)	17:31	18:00		19:29	46	07:53 (2)	19:56	20:21	
4	07:20		07:54 (3)	07:07	06:33		06:48		07:05 (2)	06:08	05:45	
	17:00	56	08:50 (3)	17:32	18:01		19:30	47	07:52 (2)	19:57	20:21	
5	07:20		07:55 (3)	07:06	06:32		06:46		07:04 (2)	06:07	05:45	
	17:01	55	08:50 (3)	17:33	18:02		19:30	48	07:52 (2)	19:57	20:22	
6	07:20		07:56 (3)	07:05	06:31		06:45		07:02 (2)	06:06	05:45	
	17:01	55	08:51 (3)	17:34	18:03		19:31	49	07:51 (2)	19:58	20:23	
7	07:20		07:56 (3)	07:04	06:29		06:43		07:01 (2)	06:04	05:44	
	17:02	55	08:51 (3)	17:35	18:04		19:32	50	07:51 (2)	19:59	20:23	
8	07:20		07:57 (3)	07:03	06:28		06:42		06:59 (2)	06:03	05:44	
	17:03	54	08:51 (3)	17:36	18:05		19:33	51	07:50 (2)	20:00	20:24	
9	07:20		07:58 (3)	07:02	06:26		06:40		06:58 (2)	06:02	05:44	
	17:04	53	08:51 (3)	17:37	18:06		19:34	52	07:50 (2)	20:01	20:24	
10	07:20		07:59 (3)	07:01	06:25		06:39		06:57 (2)	06:01	05:44	
	17:05	52	08:51 (3)	17:38	18:07		19:35	51	07:48 (2)	20:02	20:25	
11	07:20		08:00 (3)	07:00	06:23		06:37		06:57 (2)	06:00	05:44	
	17:06	51	08:51 (3)	17:39	18:08		19:36	51	07:48 (2)	20:03	20:25	
12	07:19		08:00 (3)	06:59	06:22		06:36		06:58 (2)	06:00	05:44	
	17:07	50	08:50 (3)	17:40	18:09		19:37	49	07:47 (2)	20:04	20:26	
13	07:19		08:02 (3)	06:58	06:21		06:35		06:58 (2)	05:59	05:44	
	17:08	48	08:50 (3)	17:41	18:10		19:38	48	07:46 (2)	20:05	20:26	
14	07:19		08:03 (3)	06:56	06:19		06:33		06:59 (2)	05:58	05:44	
	17:09	47	08:50 (3)	17:43	18:10		19:38	46	07:45 (2)	20:05	20:27	
15	07:19		08:03 (3)	06:55	06:18		06:32		06:59 (2)	05:57	05:44	
	17:10	46	08:49 (3)	17:44	18:11		19:39	44	07:43 (2)	20:06	20:27	
16	07:18		08:05 (3)	06:54	06:16		06:30		07:00 (2)	05:56	05:44	
	17:11	44	08:49 (3)	17:45	18:12		19:40	42	07:42 (2)	20:07	20:27	
17	07:18		08:07 (3)	06:53	06:15		06:29		07:01 (2)	05:55	05:44	
	17:12	42	08:49 (3)	17:46	18:13		19:41	40	07:41 (2)	20:08	20:28	
18	07:18		08:07 (3)	06:52	06:13		06:28		07:02 (2)	05:54	05:44	
	17:13	41	08:48 (3)	17:47	18:14		19:42	37	07:39 (2)	20:09	20:28	
19	07:17		08:09 (3)	06:51	06:12		06:26		07:03 (2)	05:54	05:44	
	17:14	38	08:47 (3)	17:48	18:15	9	06:38 (2)	19:43	07:37 (2)	20:10	20:28	
20	07:17		08:10 (3)	06:49	06:10		06:28 (2)	06:25	07:05 (2)	05:53	05:44	
	17:15	36	08:46 (3)	17:49	18:16	14	06:42 (2)	19:44	07:36 (2)	20:10	20:29	
21	07:16		08:12 (3)	06:48	06:09		06:26 (2)	06:24	07:07 (2)	05:52	05:44	
	17:16	33	08:45 (3)	17:50	18:17	18	06:44 (2)	19:45	07:32 (2)	20:11	20:29	
22	07:16		08:14 (3)	06:47	06:07		06:25 (2)	06:22	07:09 (2)	05:51	05:44	
	17:17	30	08:44 (3)	17:51	18:18	21	06:46 (2)	19:46	07:30 (2)	20:12	20:29	
23	07:15		08:16 (3)	06:46	06:06		06:23 (2)	06:21	07:14 (2)	05:51	05:45	
	17:18	26	08:42 (3)	17:52	18:19	25	06:48 (2)	19:47	07:26 (2)	20:13	20:29	
24	07:15		08:19 (3)	06:44	06:04		06:22 (2)	06:20	07:09 (2)	05:50	05:45	
	17:20	21	08:40 (3)	17:53	18:20	27	06:49 (2)	19:48		20:14	20:29	
25	07:14		08:22 (3)	06:43	06:03		06:20 (2)	06:18		05:50	05:45	
	17:21	14	08:36 (3)	17:54	18:21	30	06:50 (2)	19:48		20:14	20:30	
26	07:14			06:42	06:01		06:19 (2)	06:17		05:49	05:45	
	17:22			17:55	18:21	32	06:51 (2)	19:49		20:15	20:30	
27	07:13			06:40	06:00		06:17 (2)	06:16		05:48	05:46	
	17:23			17:56	18:22	34	06:51 (2)	19:50		20:16	20:30	
28	07:12			06:39	05:58		06:16 (2)	06:15		05:48	05:46	
	17:24			17:57	18:23	36	06:52 (2)	19:51		20:17	20:30	
29	07:11				06:57		07:14 (2)	06:13		05:47	05:47	
	17:25				19:24	38	07:52 (2)	19:52		20:17	20:30	
30	07:11				06:55		07:13 (2)	06:12		05:47	05:47	
	17:26				19:25	40	07:53 (2)	19:53		20:18	20:30	
31	07:10				06:54		07:11 (2)			05:47		
	17:27				19:26	41	07:52 (2)			20:19		
Ore potenziali eliofanìa	307			302			394			439	441	
Totale, caso peggiore	1118			365			961					

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: Analisi Ombreggiamento Recettore d'ombra: D - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (247)
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	05:47 20:30	06:08 20:14	06:35 19:35	06:56 (2) 07:47 (2)	07:00 18:50	06:29 17:08	07:42 (3) 08:33 (3)
2	05:48 20:30	06:09 20:13	06:35 19:34	06:56 (2) 07:47 (2)	07:00 18:48	06:30 17:07	07:42 (3) 08:34 (3)
3	05:48 20:30	06:10 20:12	06:36 19:32	06:56 (2) 07:48 (2)	07:01 18:47	06:31 17:06	07:42 (3) 08:35 (3)
4	05:49 20:29	06:11 20:11	06:37 19:31	06:56 (2) 07:47 (2)	07:02 18:45	06:32 17:05	07:42 (3) 08:36 (3)
5	05:49 20:29	06:12 20:10	06:38 19:29	06:57 (2) 07:47 (2)	07:03 18:44	06:33 17:04	07:42 (3) 08:36 (3)
6	05:50 20:29	06:13 20:09	06:39 19:28	06:58 (2) 07:47 (2)	07:04 18:42	06:34 17:03	07:42 (3) 08:37 (3)
7	05:50 20:29	06:13 20:08	06:39 19:26	06:59 (2) 07:47 (2)	07:05 18:41	06:35 17:02	07:42 (3) 08:37 (3)
8	05:51 20:29	06:14 20:07	06:40 19:25	07:00 (2) 07:47 (2)	07:06 18:39	06:36 17:01	07:42 (3) 08:38 (3)
9	05:51 20:28	06:15 20:05	06:41 19:23	07:00 (2) 07:46 (2)	07:07 18:38	06:37 17:00	07:43 (3) 08:39 (3)
10	05:52 20:28	06:16 20:04	06:42 19:22	07:01 (2) 07:46 (2)	07:07 18:36	06:38 16:59	07:43 (3) 08:40 (3)
11	05:53 20:28	06:17 20:03	06:43 19:20	07:02 (2) 07:45 (2)	07:08 18:35	06:39 16:58	07:43 (3) 08:40 (3)
12	05:53 20:27	06:18 20:02	06:44 19:19	07:03 (2) 07:45 (2)	07:09 18:33	06:40 16:57	07:43 (3) 08:41 (3)
13	05:54 20:27	06:19 20:01	06:44 19:17	07:04 (2) 07:44 (2)	07:10 18:32	06:41 16:57	07:44 (3) 08:42 (3)
14	05:55 20:26	06:19 20:00	06:45 19:16	07:04 (2) 07:42 (2)	07:11 18:31	06:42 16:56	07:44 (3) 08:42 (3)
15	05:55 20:26	06:20 19:58	06:46 19:14	07:05 (2) 07:42 (2)	07:12 18:29	06:43 16:55	07:44 (3) 08:42 (3)
16	05:56 20:25	06:21 19:57	06:47 19:13	07:06 (2) 07:41 (2)	07:13 18:28	06:44 16:54	07:45 (3) 08:43 (3)
17	05:57 20:25	06:22 19:56	06:48 19:11	07:07 (2) 07:40 (2)	07:14 18:27	06:45 16:54	07:45 (3) 08:44 (3)
18	05:57 20:24	06:23 19:55	06:49 19:10	07:08 (2) 07:38 (2)	07:15 18:25	06:47 16:53	07:45 (3) 08:44 (3)
19	05:58 20:24	06:24 19:53	06:49 19:08	07:08 (2) 07:36 (2)	07:16 18:24	06:48 16:52	07:46 (3) 08:45 (3)
20	05:59 20:23	06:24 19:52	06:50 07:19 (2)	07:09 (2) 07:32 (2)	07:17 18:23	06:49 16:52	07:46 (3) 08:45 (3)
21	06:00 20:23	06:25 19:51	06:51 07:14 (2)	07:10 (2) 07:35 (2)	07:18 18:21	06:50 16:51	07:47 (3) 08:46 (3)
22	06:00 20:22	06:26 19:49	06:52 07:11 (2)	07:11 (2) 07:38 (2)	07:19 18:20	06:51 16:51	07:47 (3) 08:46 (3)
23	06:01 20:21	06:27 19:48	06:53 07:09 (2)	07:12 (2) 07:32 (2)	07:20 18:19	06:52 16:50	07:48 (3) 08:47 (3)
24	06:02 20:20	06:28 19:47	06:54 07:07 (2)	07:12 (2) 07:41 (2)	07:21 18:17	06:53 16:50	07:48 (3) 08:47 (3)
25	06:03 20:20	06:29 19:45	06:54 07:43 (2)	07:13 (2) 18:59	06:22 17:16	06:54 16:49	07:48 (3) 08:47 (3)
26	06:04 20:19	06:29 19:44	06:55 07:03 (2)	07:14 (2) 18:57	06:23 17:15	06:55 16:49	07:49 (3) 08:48 (3)
27	06:04 20:18	06:30 19:42	06:56 07:02 (2)	07:15 (2) 18:56	06:24 17:14	06:56 16:49	07:49 (3) 08:48 (3)
28	06:05 20:17	06:31 19:41	06:57 07:01 (2)	07:16 (2) 18:54	06:25 17:13	06:57 16:48	07:50 (3) 08:48 (3)
29	06:06 20:16	06:32 19:40	06:58 07:00 (2)	07:17 (2) 18:53	06:26 17:11	06:58 16:48	07:51 (3) 08:49 (3)
30	06:07 20:16	06:33 19:38	06:59 07:47 (2)	07:18 (2) 18:51	06:27 17:10	06:59 16:48	07:51 (3) 08:50 (3)
31	06:08 20:15	06:34 19:37	06:59 07:46 (2)	07:19 (2)	06:28 17:09	07:00 16:48	07:52 (3) 08:50 (3)
Ore potenziali eliofanìa	448	421	373	349	306	299	
Totale, caso peggiore		433	912		514	1772	

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: Analisi Ombreggiamento Recettore d'ombra: E - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (248)
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	07:19 16:57	07:09 17:28	07:28 (1) 07:43 (1)	06:38 17:58	06:52 19:27	07:10 (3) 07:21 (3)	06:11 19:54	05:46 20:20	06:06 (2) 06:15 (2)
2	07:20 16:58	07:08 17:29	07:27 (1) 07:44 (1)	06:36 17:59	06:51 19:28	07:08 (3) 07:20 (3)	06:10 19:55	05:46 20:20	06:06 (2) 06:14 (2)
3	07:20 16:59	07:07 17:31	07:26 (1) 07:44 (1)	06:35 18:00	06:49 19:29	07:07 (3) 07:20 (3)	06:09 19:56	05:45 20:21	06:06 (2) 06:13 (2)
4	07:20 17:00	07:07 17:32	07:25 (1) 07:44 (1)	06:34 18:01	06:48 19:30	07:05 (3) 07:19 (3)	06:08 19:57	05:45 20:21	06:08 (2) 06:10 (2)
5	07:20 17:01	07:06 17:33	07:24 (1) 07:45 (1)	06:32 18:02	06:46 19:30	07:04 (3) 07:19 (3)	06:07 19:57	05:45 20:22	
6	07:20 17:01	07:05 17:34	07:23 (1) 07:45 (1)	06:31 18:03	06:45 19:31	07:02 (3) 07:18 (3)	06:06 19:58	05:45 20:23	
7	07:20 17:02	07:04 17:35	07:22 (1) 07:45 (1)	06:29 18:04	06:43 19:32	07:01 (3) 07:17 (3)	06:05 19:59	05:44 20:23	
8	07:20 17:03	07:03 17:36	07:21 (1) 07:45 (1)	06:28 18:05	06:42 19:33	06:59 (3) 07:16 (3)	06:03 20:00	05:44 20:24	
9	07:20 17:04	07:02 17:37	07:20 (1) 07:45 (1)	06:26 18:06	06:40 19:34	06:58 (3) 07:15 (3)	06:02 20:01	05:44 20:24	
10	07:20 17:05	07:01 17:38	07:19 (1) 07:45 (1)	06:25 18:07	06:39 19:35	06:56 (3) 07:13 (3)	06:01 20:02	05:44 20:25	
11	07:20 17:06	07:00 17:39	07:18 (1) 07:45 (1)	06:23 18:08	06:37 19:36	06:55 (3) 07:11 (3)	06:01 20:03	06:19 (2) 20:25	05:44 20:25
12	07:19 17:07	06:59 17:40	07:17 (1) 07:45 (1)	06:22 18:09	06:36 19:37	06:54 (3) 07:10 (3)	06:00 20:04	06:18 (2) 20:26	05:44 20:26
13	07:19 17:08	06:58 17:41	07:16 (1) 07:44 (1)	06:21 18:10	06:35 19:38	06:52 (3) 07:06 (3)	05:59 20:05	06:18 (2) 20:26	05:44 20:26
14	07:19 17:09	06:56 17:43	07:15 (1) 07:44 (1)	06:19 18:11	06:33 19:39		05:58 20:05	06:17 (2) 20:27	05:44 20:27
15	07:19 17:10	06:55 17:44	07:14 (1) 07:43 (1)	06:18 18:11	06:32 19:39		05:57 20:06	06:16 (2) 20:27	05:44 20:27
16	07:18 17:11	06:54 17:45	07:13 (1) 07:43 (1)	06:16 18:12	06:30 19:40		05:56 20:07	06:15 (2) 20:27	05:44 20:27
17	07:18 17:12	06:53 17:46	07:11 (1) 07:41 (1)	06:15 18:13	06:29 19:41		05:55 20:08	06:14 (2) 20:28	05:44 20:28
18	07:18 17:13	06:52 17:47	07:10 (1) 07:40 (1)	06:13 18:14	06:28 19:42		05:54 20:09	06:14 (2) 20:28	05:44 20:28
19	07:17 17:14	06:51 17:48	07:09 (1) 07:39 (1)	06:12 18:15	06:26 19:43		05:54 20:10	06:13 (2) 20:28	05:44 20:28
20	07:17 17:15	06:49 17:49	07:09 (1) 07:37 (1)	06:10 18:16	06:25 19:44		05:53 20:10	06:12 (2) 20:29	05:44 20:29
21	07:16 17:16	06:48 17:50	07:11 (1) 07:34 (1)	06:09 18:17	06:24 19:45		05:52 20:11	06:12 (2) 20:29	05:44 20:29
22	07:16 17:17	06:47 17:51	07:13 (1) 07:32 (1)	06:07 18:18	06:22 19:46		05:52 20:12	06:11 (2) 20:29	05:44 20:29
23	07:15 17:18	06:46 17:52	07:18 (1) 07:28 (1)	06:06 18:19	06:21 19:47		05:51 20:13	06:10 (2) 20:29	05:45 20:29
24	07:15 17:20	07:34 (1) 07:35 (1)	06:44 17:53	06:04 18:20	06:20 19:48		05:50 20:14	06:10 (2) 20:29	05:45 20:29
25	07:14 17:21	07:33 (1) 07:36 (1)	06:43 17:54	06:03 18:21	06:18 19:48		05:50 20:14	06:09 (2) 20:30	05:45 20:30
26	07:14 17:22	07:33 (1) 07:38 (1)	06:42 17:55	06:01 18:21	06:17 19:49		05:49 20:15	06:09 (2) 20:30	05:45 20:30
27	07:13 17:23	07:32 (1) 07:39 (1)	06:40 17:56	06:00 18:22	06:16 (3) 06:19 (3)		05:48 20:16	06:08 (2) 20:30	05:46 20:30
28	07:12 17:24	07:31 (1) 07:40 (1)	06:39 17:57	05:58 18:23	06:16 (3) 06:20 (3)		05:48 20:17	06:08 (2) 20:30	05:46 20:30
29	07:11 17:25	07:30 (1) 07:41 (1)		06:57 19:24	06:13 (3) 07:14 (3)		05:47 20:17	06:07 (2) 20:30	05:47 20:30
30	07:11 17:26	07:30 (1) 07:42 (1)		06:55 19:25	06:12 (3) 07:13 (3)		05:47 20:18	06:07 (2) 20:30	05:47 20:30
31	07:10 17:27	07:29 (1) 07:43 (1)		06:54 19:26	06:11 (3) 07:20 (3)		05:47 20:19	06:07 (2) 20:30	05:47 20:30
Ore potenziali eliofanìa	307	302	370	394	439			441	26
Totale, caso peggiore	62	551	29	194	174				

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: Analisi Ombreggiamento Recettore d'ombra: E - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (248)
Assunzioni sui calcoli d'ombra

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

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:47 20:30	06:08 20:14	06:29 (2) 19:35	06:54 (3) 07:10 (3)	07:00 18:50	06:29 17:08
2	05:48 20:30	06:09 20:13	06:30 (2) 19:34	06:55 (3) 07:12 (3)	07:00 18:48	06:30 17:07
3	05:48 20:30	06:10 20:12	06:36 19:32	06:56 (3) 07:13 (3)	07:01 18:47	06:31 17:06
4	05:49 20:29	06:11 20:11	06:37 19:31	06:56 (3) 07:13 (3)	07:02 18:45	06:32 17:05
5	05:49 20:29	06:12 20:10	06:38 19:29	06:57 (3) 07:13 (3)	07:03 18:44	06:33 17:04
6	05:50 20:29	06:13 20:09	06:39 19:28	06:58 (3) 07:14 (3)	07:04 18:42	06:34 17:03
7	05:50 20:29	06:13 20:08	06:40 19:26	06:59 (3) 07:14 (3)	07:05 18:41	06:35 17:02
8	05:51 20:29	06:14 20:07	06:40 19:25	07:00 (3) 07:14 (3)	07:06 18:39	06:36 17:01
9	05:52 20:28	06:14 (2) 20:05	06:41 19:23	07:00 (3) 07:13 (3)	07:07 18:38	06:37 17:00
10	05:52 20:28	06:13 (2) 20:04	06:42 19:22	07:01 (3) 07:13 (3)	07:08 18:36	06:38 16:59
11	05:53 20:28	06:21 (2) 20:03	06:43 19:20	07:02 (3) 07:13 (3)	07:08 18:35	06:39 16:58
12	05:53 20:27	06:14 (2) 20:02	06:44 19:19	07:03 (3) 07:13 (3)	07:09 18:34	06:40 16:57
13	05:54 20:27	06:15 (2) 20:01	06:44 19:17	07:04 (3) 07:12 (3)	07:10 18:32	06:41 16:57
14	05:55 20:26	06:16 (2) 20:00	06:45 19:16	07:04 (3) 07:10 (3)	07:11 18:31	06:42 16:56
15	05:55 20:26	06:16 (2) 19:58	06:46 19:14	07:05 (3) 07:10 (3)	07:12 18:29	06:43 16:55
16	05:56 20:25	06:17 (2) 19:57	06:47 19:13	07:06 (3) 07:08 (3)	07:13 18:28	06:44 16:54
17	05:57 20:25	06:18 (2) 19:56	06:48 19:11	07:07 (3) 07:14	07:13 18:27	06:45 16:54
18	05:57 20:24	06:18 (2) 19:55	06:49 19:10	07:08 (3) 07:15	07:14 18:25	06:47 16:53
19	05:58 20:24	06:19 (2) 19:53	06:49 19:08	07:16 18:24	07:16 18:24	06:48 16:53
20	05:59 20:23	06:20 (2) 19:52	06:50 19:07	07:17 18:23	13 08:00 (1) 07:43 (1)	16:53 06:49
21	06:00 20:23	06:21 (2) 19:51	06:51 19:05	07:18 18:21	21 08:04 (1) 07:40 (1)	16:52 06:50
22	06:00 20:22	06:21 (2) 19:49	06:52 19:03	07:19 18:20	26 08:06 (1) 07:38 (1)	16:51 06:51
23	06:01 20:21	06:22 (2) 19:48	06:53 19:02	07:20 18:19	29 08:07 (1) 07:39 (1)	16:51 06:52
24	06:02 20:20	06:23 (2) 19:47	06:54 19:00	07:21 18:17	30 08:09 (1) 07:40 (1)	16:51 06:53
25	06:03 20:20	06:24 (2) 19:45	06:54 18:59	06:22 17:16	30 08:10 (1) 06:41 (1)	16:52 06:54
26	06:04 20:19	06:24 (2) 19:44	06:55 18:57	06:23 17:15	30 07:11 (1) 06:42 (1)	16:49 06:55
27	06:04 20:18	06:25 (2) 19:42	06:56 18:56	06:24 17:14	30 07:12 (1) 06:44 (1)	16:49 06:56
28	06:05 20:17	06:26 (2) 19:41	06:57 18:54	06:25 17:13	29 07:13 (1) 06:45 (1)	16:49 06:57
29	06:06 20:16	06:27 (2) 19:40	06:58 18:53	06:26 17:11	29 07:14 (1) 06:46 (1)	16:48 06:58
30	06:07 20:16	06:28 (2) 19:38	06:59 18:51	06:27 17:10	28 07:14 (1) 06:47 (1)	16:48 06:59
31	06:08 20:15	06:28 (2) 19:37	06:59 18:50	06:28 17:09	28 07:15 (1) 06:48 (1)	16:48 06:59
Ore potenziali eliofanìa	448	421	373	349	306	299
Totale, caso peggiore	199	37	195	350	272	

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: Analisi Ombreggiamento Recettore d'ombra: F - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (249)
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	07:19 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:19	05:47 20:30	06:08 20:14	06:34 19:35	07:00 18:50	06:29 17:08	07:00 16:48
2	07:19 16:58	07:08 17:29	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:00 18:48	06:30 17:07	07:01 16:47
3	07:20 16:59	07:07 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:45 20:21	05:48 20:30	06:10 20:12	06:36 19:32	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:33 18:01	06:48 19:29	06:08 19:56	05:45 20:21	05:49 20:29	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:02 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:30	06:07 19:57	05:45 20:22	05:49 20:29	06:12 20:10	06:38 19:29	07:03 18:44	06:33 17:04	07:03 16:47
6	07:20 17:01	07:05 17:34	06:31 18:03	06:45 19:31	06:06 19:58	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:04 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:04 19:59	05:44 20:23	05:50 20:29	06:13 20:08	06:39 19:26	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:03 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:26 18:06	06:40 19:34	06:02 20:01	05:44 20:24	05:52 20:28	06:15 20:05	06:41 19:23	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:01 20:02	05:44 20:25	05:52 20:28	06:16 20:04	06:42 19:22	07:07 18:36	06:38 16:59	07:08 16:47
11	07:19 17:06	07:00 17:39	06:23 18:08	06:37 19:36	06:00 20:03	05:44 20:25	05:53 20:28	06:17 20:03	06:43 19:20	07:08 18:35	06:39 16:58	07:08 16:47
12	07:19 17:07	06:59 17:40	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:53 20:27	06:18 20:02	06:44 19:19	07:09 18:33	06:40 16:57	07:09 16:47
13	07:19 17:08	06:58 17:41	06:21 18:10	06:35 19:38	05:59 20:04	05:44 20:26	05:54 20:27	06:19 20:01	06:44 19:17	07:10 18:32	06:41 16:57	07:10 16:47
14	07:19 17:09	06:56 17:43	06:19 18:10	06:33 19:38	05:58 20:05	05:44 20:27	05:55 20:26	06:19 20:00	06:45 19:16	07:11 18:31	06:42 16:56	07:11 16:48
15	07:19 17:10	06:55 17:44	06:18 18:11	06:32 19:39	05:57 20:06	05:44 20:27	05:55 20:26	06:20 19:58	06:46 19:14	07:12 18:29	06:43 16:55	07:11 16:48
16	07:18 17:11	06:54 17:45	06:16 18:12	06:30 19:40	05:56 20:07	05:44 20:27	05:56 20:25	06:21 19:57	06:47 19:13	07:13 18:28	06:44 16:54	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:45 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:54 20:09	05:44 20:28	05:57 20:24	06:23 19:55	06:49 19:10	07:15 18:25	06:46 16:53	07:13 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:28	05:58 20:24	06:24 19:53	06:49 19:08	07:16 18:24	06:48 16:52	07:14 16:49
20	07:17 17:15	06:49 17:49	06:10 18:16	06:25 19:44	05:53 20:10	05:44 20:29	05:59 20:23	06:24 19:52	06:50 19:06	07:17 18:23	06:49 16:52	07:15 16:50
21	07:16 17:16	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:11	05:44 20:29	06:00 20:22	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:17	06:47 17:51	06:07 18:18	06:22 19:46	05:51 20:12	05:44 20:29	06:00 20:22	06:26 19:49	06:52 19:03	07:19 18:20	06:51 16:51	07:16 16:51
23	07:15 17:18	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:29	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	06:44 17:53	06:04 18:20	06:20 19:47	05:50 20:14	05:45 20:29	06:02 20:20	06:28 19:47	06:54 19:00	07:21 18:17	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:18 19:48	05:50 20:14	05:45 20:30	06:03 20:20	06:29 19:45	06:54 18:59	07:22 17:16	06:54 16:49	07:17 16:52
26	07:13 17:22	06:42 17:55	06:01 18:21	06:17 19:49	05:49 20:15	05:45 20:30	06:04 20:19	06:29 19:44	06:55 18:57	07:23 17:15	06:55 16:49	07:17 16:53
27	07:13 17:23	06:40 17:56	06:00 18:22	06:16 19:50	05:48 20:16	05:46 20:30	06:04 20:18	06:30 19:42	06:56 18:56	07:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:17	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:48	07:18 16:54
29	07:11 17:25		06:57 19:24	06:13 19:52	05:47 20:17	05:47 20:30	06:06 20:16	06:32 19:40	06:58 18:53	07:26 17:11	06:58 16:48	07:18 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:15	06:33 19:38	06:59 18:51	07:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofania	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: G - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (250)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:08 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:01 18:48	06:30 17:07	07:01 16:47
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:45 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:05 20:00	05:44 20:24	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	06:59 17:40	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:53 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:10 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:19 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:30 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:54 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:17	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:44 20:29	06:00 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:18 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	06:22 17:16	06:54 16:49	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:45 20:30	06:04 20:19	06:30 19:44	06:55 18:57	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:48 20:16	05:46 20:30	06:04 20:18	06:30 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:48	07:19 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:47 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: H - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (251)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:08 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:01 18:48	06:30 17:07	07:01 16:47
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:45 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:05 20:00	05:44 20:24	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	06:59 17:40	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:53 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:10 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:19 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:30 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:54 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:17	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:44 20:29	06:00 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:46	06:55 18:59	06:22 17:16	06:54 16:49	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:57	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:04 20:18	06:30 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:48	07:19 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:47 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofania	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: I - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (252)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:08 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:01 18:48	06:30 17:07	07:01 16:47
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:45 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:05 20:00	05:44 20:24	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:53 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:10 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:19 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:30 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:54 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:17	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:44 20:29	06:00 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:46	06:55 18:59	06:22 17:16	06:54 16:49	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:16	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:57	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:04 20:18	06:30 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:48	07:19 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:47 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: J - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (253)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:08 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:01 18:48	06:30 17:07	07:01 16:47
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:45 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:05 20:00	05:44 20:24	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:53 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:10 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:19 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:30 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:54 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:17	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:44 20:29	06:00 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:46	06:55 18:59	06:22 17:16	06:54 16:49	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:16	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:57	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:04 20:18	06:30 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:48	07:19 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:47 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofania	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: K - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (254)
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	07:20	07:09	07:42 (6)	06:38	06:52	06:11	05:46	
	16:57	17:28	08:29 (6)	17:58	19:27	19:54	20:20	
2	07:20	07:09	07:42 (6)	06:36	06:51	06:10	05:46	
	16:58	17:30	08:29 (6)	17:59	19:28	19:55	20:20	
3	07:20	07:53 (6)	07:08	07:42 (6)	06:35	06:49	05:45	
	16:59	7 08:00 (6)	17:31	08:29 (6)	18:00	19:29	19:56	20:21
4	07:20	07:52 (6)	07:07	07:44 (6)	06:34	06:48	06:08	05:45
	17:00	11 08:03 (6)	17:32	08:29 (6)	18:01	19:30	19:57	20:22
5	07:20	07:50 (6)	07:06	07:44 (6)	06:32	06:46	06:07	05:45
	17:01	15 08:05 (6)	17:33	08:29 (6)	18:02	19:31	19:58	20:22
6	07:20	07:49 (6)	07:05	07:44 (6)	06:31	06:45	06:06	05:45
	17:02	18 08:07 (6)	17:34	08:29 (6)	18:03	19:32	19:59	20:23
7	07:20	07:49 (6)	07:04	07:45 (6)	06:29	06:43	06:05	05:44
	17:02	20 08:09 (6)	17:35	08:28 (6)	18:04	19:32	20:00	20:24
8	07:20	07:47 (6)	07:03	07:46 (6)	06:28	06:42	06:04	05:44
	17:03	22 08:09 (6)	17:36	08:28 (6)	18:05	19:33	20:00	20:24
9	07:20	07:47 (6)	07:02	07:46 (6)	06:27	06:40	06:03	05:44
	17:04	24 08:11 (6)	17:37	08:27 (6)	18:06	19:34	20:01	20:25
10	07:20	07:46 (6)	07:01	07:47 (6)	06:25	06:39	06:02	05:44
	17:05	26 08:12 (6)	17:38	08:27 (6)	18:07	19:35	20:02	20:25
11	07:20	07:46 (6)	07:00	07:47 (6)	06:24	06:38	06:01	05:44
	17:06	28 08:14 (6)	17:39	08:25 (6)	18:08	19:36	20:03	20:26
12	07:20	07:46 (6)	06:59	07:49 (6)	06:22	06:36	06:00	05:44
	17:07	29 08:15 (6)	17:41	08:24 (6)	18:09	19:37	20:04	20:26
13	07:19	07:45 (6)	06:58	07:50 (6)	06:21	06:35	05:59	05:44
	17:08	31 08:16 (6)	17:42	08:22 (6)	18:10	19:38	20:05	20:27
14	07:19	07:44 (6)	06:57	07:52 (6)	06:19	06:33	05:58	05:44
	17:09	33 08:17 (6)	17:43	08:21 (6)	18:11	19:39	20:06	20:27
15	07:19	07:44 (6)	06:56	07:53 (6)	06:18	06:32	05:57	05:44
	17:10	35 08:19 (6)	17:44	08:19 (6)	18:12	19:40	20:07	20:27
16	07:19	07:43 (6)	06:54	07:56 (6)	06:16	06:30	05:56	05:44
	17:11	36 08:19 (6)	17:45	08:17 (6)	18:13	19:41	20:07	20:28
17	07:18	07:43 (6)	06:53	07:59 (6)	06:15	06:29	05:55	05:44
	17:12	38 08:21 (6)	17:46	08:14 (6)	18:13	19:41	20:08	20:28
18	07:18	07:44 (6)	06:52	06:13	06:28	05:55	05:44	
	17:13	38 08:22 (6)	17:47	18:14	19:42	20:09	20:28	
19	07:18	07:43 (6)	06:51	06:12	06:26	05:54	05:44	
	17:14	40 08:23 (6)	17:48	18:15	19:43	20:10	20:29	
20	07:17	07:43 (6)	06:50	06:10	06:25	05:53	05:44	
	17:15	41 08:24 (6)	17:49	18:16	19:44	20:11	20:29	
21	07:17	07:42 (6)	06:48	06:09	06:24	05:52	05:44	
	17:16	42 08:24 (6)	17:50	18:17	19:45	20:12	20:29	
22	07:16	07:42 (6)	06:47	06:07	06:22	05:52	05:44	
	17:17	43 08:25 (6)	17:51	18:18	19:46	20:12	20:29	
23	07:16	07:42 (6)	06:46	06:06	06:21	05:51	05:45	
	17:19	44 08:26 (6)	17:52	18:19	19:47	20:13	20:30	
24	07:15	07:42 (6)	06:45	06:04	06:20	05:50	05:45	
	17:20	44 08:26 (6)	17:53	18:20	19:48	20:14	20:30	
25	07:14	07:42 (6)	06:43	06:03	06:19	05:50	05:45	
	17:21	45 08:27 (6)	17:54	18:21	19:49	20:15	20:30	
26	07:14	07:42 (6)	06:42	06:01	06:17	05:49	05:46	
	17:22	46 08:28 (6)	17:55	18:22	19:50	20:16	20:30	
27	07:13	07:42 (6)	06:41	06:00	06:16	05:49	05:46	
	17:23	46 08:28 (6)	17:56	18:23	19:50	20:16	20:30	
28	07:12	07:41 (6)	06:39	05:58	06:15	05:48	05:46	
	17:24	47 08:28 (6)	17:57	18:23	19:51	20:17	20:30	
29	07:12	07:42 (6)		06:57	06:14	05:48	05:47	
	17:25	47 08:29 (6)		19:24	19:52	20:18	20:30	
30	07:11	07:42 (6)		06:55	06:12	05:47	05:47	
	17:26	47 08:29 (6)		19:25	19:53	20:18	20:30	
31	07:10	07:42 (6)		06:54		05:47		
	17:27	47 08:29 (6)		19:26		20:19		
Ore potenziali eliofanìa	307	302	370	394	439	441		
Totale, caso peggiore	990	638						

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: Analisi Ombreggiamento Recettore d'ombra: K - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (254)
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	05:47 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:16 (6) 16:48	07:28 (6) 07:56 (6)
2	05:48 20:30	06:09 20:13	06:35 19:34	07:01 18:48	06:30 17:07	07:15 (6) 16:47	07:29 (6) 07:56 (6)
3	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:14 (6) 16:47	07:31 (6) 07:55 (6)
4	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:15 (6) 16:47	07:32 (6) 07:54 (6)
5	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:14 (6) 16:47	07:34 (6) 07:54 (6)
6	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:14 (6) 16:47	07:35 (6) 07:53 (6)
7	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:13 (6) 16:47	07:37 (6) 07:52 (6)
8	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:13 (6) 16:47	07:38 (6) 07:50 (6)
9	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:13 (6) 16:47	07:41 (6) 07:49 (6)
10	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:13 (6) 16:47	07:08 16:47
11	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:13 (6) 16:47	07:09 16:47
12	05:53 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:14 (6) 16:47	07:10 16:47
13	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:14 (6) 16:48	07:10 16:48
14	05:55 20:27	06:19 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:14 (6) 16:48	07:11 16:48
15	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:15 (6) 16:48	07:12 16:48
16	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:15 (6) 16:48	07:12 16:48
17	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:15 (6) 16:49	07:13 16:49
18	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:16 (6) 16:49	07:14 16:49
19	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:16 (6) 16:49	07:14 16:49
20	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:17 (6) 16:50	07:15 16:50
21	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:18 (6) 16:50	07:15 16:50
22	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:19 (6) 16:51	07:16 16:51
23	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:20 (6) 16:51	07:16 16:51
24	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:21 (6) 16:52	07:17 16:52
25	06:03 20:20	06:29 19:46	06:55 18:59	07:22 17:16	06:54 16:50	07:21 (6) 16:52	07:17 16:52
26	06:04 20:19	06:30 19:44	06:55 18:57	07:23 17:15	06:55 16:49	07:22 (6) 16:53	07:18 16:53
27	06:04 20:18	06:30 19:43	06:56 18:56	07:24 17:14	06:56 16:49	07:23 (6) 16:54	07:18 16:54
28	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:48	07:24 (6) 16:54	07:19 16:54
29	06:06 20:17	06:32 19:40	06:58 18:53	07:26 17:12	06:58 16:48	07:26 (6) 16:55	07:19 16:55
30	06:07 20:16	06:33 19:38	06:59 18:51	07:27 17:10	06:59 16:48	07:27 (6) 16:56	07:19 16:56
31	06:08 20:15	06:34 19:37	07:00 17:09	07:28 17:09	07:00 16:48	07:28 (6) 16:56	07:20 16:56
Ore potenziali eliofanía	448	421	373	349	306	299	299
Totale, caso peggiore				212	1264	174	

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: Analisi Ombreggiamento Recettore d'ombra: L - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (255)
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	07:20		07:57 (7)	07:09	07:31 (9)	06:38	06:52		07:27 (6)	06:11	05:46	
	16:57	46	08:43 (7)	17:28	21	07:52 (9)	17:58	19:27	8	07:35 (6)	19:54	20:20
2	07:20		07:57 (7)	07:09	07:30 (9)	06:37	06:51			06:10	05:46	
	16:58	47	08:44 (7)	17:30	23	07:53 (9)	17:59	19:28		19:55	20:21	
3	07:20		07:58 (7)	07:08	07:30 (9)	06:35	06:49			06:09	05:46	
	16:59	46	08:44 (7)	17:31	25	07:55 (9)	18:00	19:29		19:56	20:21	
4	07:20		07:58 (7)	07:07	07:30 (9)	06:34	06:48			06:08	05:45	
	17:00	46	08:44 (7)	17:32	26	07:56 (9)	18:01	19:30		19:57	20:22	
5	07:20		07:59 (7)	07:06	07:29 (9)	06:32	06:46			06:07	05:45	
	17:01	46	08:45 (7)	17:33	27	07:56 (9)	18:02	19:31		19:58	20:22	
6	07:20		07:59 (7)	07:05	07:29 (9)	06:31	06:45			06:06	05:45	
	17:02	46	08:45 (7)	17:34	27	07:56 (9)	18:03	19:32		19:59	20:23	
7	07:20		08:00 (7)	07:04	07:29 (9)	06:30	06:43			06:05	05:44	
	17:02	46	08:46 (7)	17:35	28	07:57 (9)	18:04	19:32		20:00	20:24	
8	07:20		08:00 (7)	07:03	07:29 (9)	06:28	06:42			06:04	05:44	
	17:03	46	08:46 (7)	17:36	28	07:57 (9)	18:05	19:33		20:00	20:24	
9	07:20		08:00 (7)	07:02	07:29 (9)	06:27	06:40			06:03	05:44	
	17:04	45	08:45 (7)	17:37	28	07:57 (9)	18:06	19:34		20:01	20:25	
10	07:20		08:01 (7)	07:01	07:30 (9)	06:25	06:39			06:02	05:44	
	17:05	45	08:46 (7)	17:38	27	07:57 (9)	18:07	19:35		20:02	20:25	
11	07:20		08:01 (7)	07:00	07:30 (9)	06:24	06:38			06:01	05:44	
	17:06	45	08:46 (7)	17:39	26	07:56 (9)	18:08	19:36		20:03	20:26	
12	07:20		08:02 (7)	06:59	07:30 (9)	06:22	06:36			06:00	05:44	
	17:07	45	08:47 (7)	17:41	25	07:55 (9)	18:09	19:37		20:04	20:26	
13	07:20		08:02 (7)	06:58	07:31 (9)	06:21	06:35			05:59	05:44	
	17:08	44	08:46 (7)	17:42	23	07:54 (9)	18:10	19:38		20:05	20:27	
14	07:19		08:03 (7)	06:57	07:32 (9)	06:19	06:33			05:58	05:44	
	17:09	43	08:46 (7)	17:43	22	07:54 (9)	18:11	19:39		20:06	20:27	
15	07:19		08:04 (7)	06:56	07:33 (9)	06:18	06:32			05:57	05:44	
	17:10	43	08:47 (7)	17:44	20	07:53 (9)	18:12	19:40		20:07	20:27	
16	07:19		08:04 (7)	06:54	07:35 (9)	06:16	06:31			05:56	05:44	
	17:11	42	08:46 (7)	17:45	16	07:51 (9)	18:13	19:41		20:07	20:28	
17	07:18		08:05 (7)	06:53	07:37 (9)	06:15	06:29			05:55	05:44	
	17:12	41	08:46 (7)	17:46	12	07:49 (9)	18:13	19:41		20:08	20:28	
18	07:18		08:07 (7)	06:52		06:13	06:28			05:55	05:44	
	17:13	40	08:47 (7)	17:47		18:14	4	06:37 (6)	19:42	20:09	20:28	
19	07:18		08:07 (7)	06:51		06:12		06:30 (6)	06:26	05:54	05:44	
	17:14	39	08:46 (7)	17:48		18:15	11	06:41 (6)	19:43	20:10	20:29	
20	07:17		08:08 (7)	06:50		06:10		06:28 (6)	06:25	05:53	05:44	
	17:15	38	08:46 (7)	17:49		18:16	14	06:42 (6)	19:44	20:11	20:29	
21	07:17		08:09 (7)	06:48		06:09		06:27 (6)	06:24	05:52	05:44	
	17:16	36	08:45 (7)	17:50		18:17	17	06:44 (6)	19:45	20:12	20:29	
22	07:16		08:10 (7)	06:47		06:07		06:25 (6)	06:22	05:52	05:45	
	17:18	35	08:45 (7)	17:51		18:18	19	06:44 (6)	19:46	20:12	20:29	
23	07:16		08:11 (7)	06:46		06:06		06:23 (6)	06:21	05:51	05:45	
	17:19	33	08:44 (7)	17:52		18:19	21	06:44 (6)	19:47	20:13	20:30	
24	07:15		08:12 (7)	06:45		06:04		06:22 (6)	06:20	05:50	05:45	
	17:20	31	08:43 (7)	17:53		18:20	22	06:44 (6)	19:48	20:14	20:30	
25	07:14		08:14 (7)	06:43		06:03		06:21 (6)	06:19	05:50	05:45	
	17:21	28	08:42 (7)	17:54		18:21	23	06:44 (6)	19:49	20:15	20:30	
26	07:14		08:15 (7)	06:42		06:01		06:21 (6)	06:17	05:49	05:46	
	17:22	26	08:41 (7)	17:55		18:22	23	06:44 (6)	19:50	20:16	20:30	
27	07:13		08:17 (7)	06:41		06:00		06:21 (6)	06:16	05:49	05:46	
	17:23	22	08:39 (7)	17:56		18:23	22	06:43 (6)	19:51	20:16	20:30	
28	07:12		07:37 (9)	06:39		05:58		06:21 (6)	06:15	05:48	05:46	
	17:24	27	08:38 (7)	17:57		18:23	21	06:42 (6)	19:51	20:17	20:30	
29	07:12		07:35 (9)			06:57		07:21 (6)	06:14	05:48	05:47	
	17:25	24	08:34 (7)			19:24	20	07:41 (6)	19:52	20:18	20:30	
30	07:11		07:33 (9)			06:55		07:23 (6)	06:12	05:47	05:47	
	17:26	17	07:50 (9)			19:25	17	07:40 (6)	19:53	20:18	20:30	
31	07:10		07:32 (9)			06:54		07:24 (6)		05:47		
	17:27	19	07:51 (9)			19:26	13	07:37 (6)		20:19		
Ore potenziali eliofanìa	307			302		370		394		439	441	
Totale, caso peggiore	1177			404		247		8				

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: Analisi Ombreggiamento Recettore d'ombra: L - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (255)
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	October	November	Dicembre
1	05:47 20:30	06:09 19:36	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:47
3	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:06 16:47
8	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47
12	05:53 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:41 16:58	07:10 16:47
13	05:54 20:27	06:19 20:01	06:45 19:18	07:11 18:32	06:42 16:57	07:11 16:48
14	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	05:55 20:26	06:20 19:59	06:46 19:14	07:11 18:29	06:44 16:55	07:12 16:48
16	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:49
20	05:59 20:24	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:16 16:50
22	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:17 16:51
23	06:01 20:22	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:17 16:51
24	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 08:10 (9) 16:50	07:17 07:44 (7) 16:52
25	06:03 20:20	06:29 19:46	06:55 18:59	07:22 (6) 17:16	06:54 07:06 (9) 16:50	07:17 07:43 (7) 16:52
26	06:04 20:19	06:30 19:44	06:56 18:58	06:23 17:15	06:55 07:04 (9) 16:49	07:18 07:43 (7) 16:53
27	06:04 20:18	06:31 19:43	06:56 18:56	06:24 17:14	06:56 07:02 (9) 16:49	07:18 07:43 (7) 16:54
28	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 07:01 (9) 16:48	07:19 07:43 (7) 16:54
29	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 07:00 (9) 16:48	07:19 07:43 (7) 16:55
30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 (9) 06:59 16:48	07:19 07:43 (7) 16:56
31	06:08 20:15	06:34 19:37		06:28 17:09	06:59 (9) 07:25 (9)	07:19 16:56
Ore potenziali eliofania	448	421	373	349	306	299
Totale, caso peggiore			261	156	931	1439

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: Analisi Ombreggiamento Recettore d'ombra: M - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (256)
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	07:20		08:12 (9)	07:09	06:38		06:52		07:30 (6)	06:11	05:46	
	16:57	44	08:56 (9)	17:28	17:58		19:27	34	08:04 (6)	19:54	20:20	
2	07:20		08:13 (9)	07:09	06:37		06:51		07:29 (6)	06:10	05:46	
	16:58	43	08:56 (9)	17:30	17:59		19:28	34	08:03 (6)	19:55	20:20	
3	07:20		08:13 (9)	07:08	06:35		06:49		07:30 (6)	06:09	05:46	
	16:59	44	08:57 (9)	17:31	18:00		19:29	32	08:02 (6)	19:56	20:21	
4	07:20		08:13 (9)	07:07	06:34		06:48		07:30 (6)	06:08	05:45	
	17:00	44	08:57 (9)	17:32	18:01		19:30	31	08:01 (6)	19:57	20:22	
5	07:20		08:14 (9)	07:06	06:32		06:46		07:31 (6)	06:07	05:45	
	17:01	44	08:58 (9)	17:33	18:02		19:31	29	08:00 (6)	19:58	20:22	
6	07:20		08:14 (9)	07:05	06:31		06:45		07:31 (6)	06:06	05:45	
	17:02	44	08:58 (9)	17:34	18:03		19:32	27	07:58 (6)	19:59	20:23	
7	07:20		08:15 (9)	07:04	06:29		06:43		07:33 (6)	06:05	05:44	
	17:02	44	08:59 (9)	17:35	18:04		19:32	24	07:57 (6)	20:00	20:24	
8	07:20		08:14 (9)	07:03	06:28		06:42		07:34 (6)	06:04	05:44	
	17:03	44	08:58 (9)	17:36	18:05		19:33	20	07:54 (6)	20:00	20:24	
9	07:20		08:15 (9)	07:02	06:27		06:40		07:36 (6)	06:03	05:44	
	17:04	44	08:59 (9)	17:37	18:06		19:34	16	07:52 (6)	20:01	20:25	
10	07:20		08:16 (9)	07:01	06:25		06:39		07:41 (6)	06:02	05:44	
	17:05	43	08:59 (9)	17:38	18:07		19:35	7	07:48 (6)	20:02	20:25	
11	07:20		08:16 (9)	07:00	06:24		06:38			06:01	05:44	
	17:06	44	09:00 (9)	17:39	18:08		19:36			20:03	20:26	
12	07:20		08:17 (9)	06:59	06:22		06:36			06:00	05:44	
	17:07	43	09:00 (9)	17:41	18:09		19:37			20:04	20:26	
13	07:19		08:17 (9)	06:58	06:21		06:35			05:59	05:44	
	17:08	43	09:00 (9)	17:42	18:10		19:38			20:05	20:27	
14	07:19		08:18 (9)	06:57	06:19		06:33			05:58	05:44	
	17:09	42	09:00 (9)	17:43	18:11		19:39			20:06	20:27	
15	07:19		08:18 (9)	06:56	06:18		06:32			05:57	05:44	
	17:10	43	09:01 (9)	17:44	18:12		19:40			20:07	20:27	
16	07:19		08:18 (9)	06:54	06:16		06:31			05:56	05:44	
	17:11	42	09:00 (9)	17:45	18:13		19:41			20:07	20:28	
17	07:18		08:19 (9)	06:53	06:15		06:29			05:55	05:44	
	17:12	42	09:01 (9)	17:46	18:13		19:41			20:08	20:28	
18	07:18		08:20 (9)	06:52	06:13		06:28			05:55	05:44	
	17:13	41	09:01 (9)	17:47	18:14		19:42			20:09	20:28	
19	07:18		08:21 (9)	06:51	06:12		06:26			05:54	05:44	
	17:14	39	09:00 (9)	17:48	18:15	11	06:57 (6)	19:43		20:10	20:29	
20	07:17		08:22 (9)	06:50	06:10		06:42 (6)	06:25		05:53	05:44	
	17:15	39	09:01 (9)	17:49	18:16	17	06:59 (6)	19:44		20:11	20:29	
21	07:17		08:22 (9)	06:48	06:09		06:39 (6)	06:24		05:52	05:44	
	17:16	38	09:00 (9)	17:50	18:17	22	07:01 (6)	19:45		20:12	20:29	
22	07:16		08:23 (9)	06:47	06:07		06:37 (6)	06:22		05:52	05:44	
	17:18	36	08:59 (9)	17:51	18:18	26	07:03 (6)	19:46		20:12	20:29	
23	07:16		08:24 (9)	06:46	06:06		06:35 (6)	06:21		05:51	05:45	
	17:19	35	08:59 (9)	17:52	18:19	28	07:03 (6)	19:47		20:13	20:30	
24	07:15		08:25 (9)	06:45	06:04		06:34 (6)	06:20		05:50	05:45	
	17:20	33	08:58 (9)	17:53	18:20	31	07:05 (6)	19:48		20:14	20:30	
25	07:14		08:27 (9)	06:43	06:03		06:33 (6)	06:19		05:50	05:45	
	17:21	31	08:58 (9)	17:54	18:21	32	07:05 (6)	19:49		20:15	20:30	
26	07:14		08:27 (9)	06:42	06:01		06:32 (6)	06:17		05:49	05:46	
	17:22	30	08:57 (9)	17:55	18:22	33	07:05 (6)	19:50		20:16	20:30	
27	07:13		08:29 (9)	06:41	06:00		06:31 (6)	06:16		05:49	05:46	
	17:23	27	08:56 (9)	17:56	18:23	34	07:05 (6)	19:50		20:16	20:30	
28	07:12		08:30 (9)	06:39	05:58		06:31 (6)	06:15		05:48	05:46	
	17:24	24	08:54 (9)	17:57	18:23	35	07:06 (6)	19:51		20:17	20:30	
29	07:12		08:33 (9)		06:57		07:30 (6)	06:14		05:48	05:47	
	17:25	20	08:53 (9)		19:24	35	08:05 (6)	19:52		20:18	20:30	
30	07:11		08:35 (9)		06:55		07:30 (6)	06:12		05:47	05:47	
	17:26	16	08:51 (9)		19:25	35	08:05 (6)	19:53		20:18	20:30	
31	07:10		08:38 (9)		06:54		07:29 (6)			05:47		
	17:27	9	08:47 (9)		19:26	35	08:04 (6)			20:19		
Ore potenziali eliofanìa	307			302	370		394			439	441	
Totale, caso peggiore	1155				374		254					

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: Analisi Ombreggiamento Recettore d'ombra: M - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (256)
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	05:47 20:30	06:09 19:36	06:35 19:36		07:00 18:50	06:29 17:08		07:00 16:48	07:58 (9) 08:42 (9)
2	05:48 20:30	06:09 20:13	06:36 19:34	8	07:38 (6) 07:46 (6)	07:01 18:48	06:30 17:07	07:01 16:47	07:59 (9) 08:42 (9)
3	05:48 20:30	06:10 20:12	06:36 19:33	16	07:34 (6) 07:50 (6)	07:02 18:47	06:31 17:06	07:02 16:47	07:59 (9) 08:43 (9)
4	05:49 20:30	06:11 20:11	06:37 19:31	20	07:32 (6) 07:52 (6)	07:02 18:45	06:32 17:05	07:03 16:47	07:59 (9) 08:43 (9)
5	05:49 20:30	06:12 20:10	06:38 19:30	24	07:29 (6) 07:53 (6)	07:03 18:44	06:33 17:04	07:04 16:47	08:00 (9) 08:44 (9)
6	05:50 20:29	06:13 20:09	06:39 19:28	27	07:27 (6) 07:54 (6)	07:04 18:42	06:34 17:03	07:05 16:47	08:00 (9) 08:44 (9)
7	05:50 20:29	06:14 20:08	06:40 19:27	29	07:26 (6) 07:55 (6)	07:05 18:41	06:35 17:02	07:05 16:47	08:01 (9) 08:45 (9)
8	05:51 20:29	06:14 20:07	06:40 19:25	31	07:25 (6) 07:56 (6)	07:06 18:39	06:36 17:01	07:06 16:47	08:01 (9) 08:44 (9)
9	05:52 20:29	06:15 20:06	06:41 19:24	32	07:24 (6) 07:56 (6)	07:07 18:38	06:37 17:00	07:07 16:47	08:01 (9) 08:45 (9)
10	05:52 20:28	06:16 20:05	06:42 19:22	34	07:22 (6) 07:56 (6)	07:08 18:37	06:38 16:59	07:08 16:47	08:02 (9) 08:46 (9)
11	05:53 20:28	06:17 20:03	06:43 19:21	34	07:22 (6) 07:56 (6)	07:09 18:35	06:39 16:58	08:09 (9) 08:19 (9)	07:09 16:47
12	05:53 20:28	06:18 20:02	06:44 19:19	34	07:22 (6) 07:56 (6)	07:10 18:34	06:40 16:58	08:07 (9) 08:23 (9)	07:10 16:47
13	05:54 20:27	06:19 20:01	06:45 19:18	35	07:21 (6) 07:56 (6)	07:10 18:32	06:42 16:57	08:04 (9) 08:25 (9)	07:10 16:48
14	05:55 20:27	06:20 20:00	06:45 19:16	35	07:21 (6) 07:56 (6)	07:11 18:31	06:43 16:56	08:03 (9) 08:27 (9)	07:11 16:48
15	05:55 20:26	06:20 19:59	06:46 19:14	35	07:20 (6) 07:55 (6)	07:12 18:29	06:44 16:55	08:01 (9) 08:29 (9)	07:12 16:48
16	05:56 20:26	06:21 19:57	06:47 19:13	34	07:20 (6) 07:54 (6)	07:13 18:28	06:45 16:55	08:00 (9) 08:30 (9)	07:12 16:48
17	05:57 20:25	06:22 19:56	06:48 19:11	34	07:20 (6) 07:54 (6)	07:14 18:27	06:46 16:54	07:59 (9) 08:31 (9)	07:13 16:49
18	05:58 20:25	06:23 19:55	06:49 19:10	32	07:21 (6) 07:53 (6)	07:15 18:25	06:47 16:53	07:59 (9) 08:32 (9)	07:14 16:49
19	05:58 20:24	06:24 19:54	06:50 19:08	31	07:21 (6) 07:52 (6)	07:16 18:24	06:48 16:53	07:58 (9) 08:33 (9)	07:14 16:49
20	05:59 20:24	06:25 19:52	06:50 19:07	29	07:21 (6) 07:50 (6)	07:17 18:23	06:49 16:52	07:58 (9) 08:34 (9)	07:15 16:50
21	06:00 20:23	06:25 19:51	06:51 19:05	27	07:22 (6) 07:49 (6)	07:18 18:21	06:50 16:51	07:58 (9) 08:36 (9)	07:15 16:50
22	06:01 20:22	06:26 19:50	06:52 19:04	23	07:22 (6) 07:47 (6)	07:19 18:20	06:51 16:51	07:58 (9) 08:37 (9)	07:16 16:51
23	06:01 20:21	06:27 19:48	06:53 19:02	19	07:26 (6) 07:45 (6)	07:20 18:19	06:52 16:50	07:58 (9) 08:37 (9)	07:16 16:51
24	06:02 20:21	06:28 19:47	06:54 19:01	13	07:28 (6) 07:41 (6)	07:21 18:18	06:53 16:50	07:57 (9) 08:38 (9)	07:17 16:52
25	06:03 20:20	06:29 19:46	06:55 18:59			06:22 17:16	06:54 16:50	07:57 (9) 08:39 (9)	07:17 16:52
26	06:04 20:19	06:30 19:44	06:55 18:58			06:23 17:15	06:55 16:49	07:57 (9) 08:39 (9)	07:18 16:53
27	06:04 20:18	06:30 19:43	06:56 18:56			06:24 17:14	06:56 16:49	07:57 (9) 08:40 (9)	07:18 16:54
28	06:05 20:18	06:31 19:41	06:57 18:54			06:25 17:13	06:57 16:48	07:58 (9) 08:40 (9)	07:19 16:54
29	06:06 20:17	06:32 19:40	06:58 18:53			06:26 17:12	06:58 16:48	07:58 (9) 08:41 (9)	07:19 16:55
30	06:07 20:16	06:33 19:38	06:59 18:51			06:27 17:10	06:59 16:48	07:58 (9) 08:41 (9)	07:19 16:56
31	06:08 20:15	06:34 19:37				06:28 17:09		07:59 (9) 16:56	07:19 16:56
Ore potenziali eliofanìa	448	421	373		349	306		299	1346
Totale, caso peggiore			636			677			

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: Analisi Ombreggiamento Recettore d'ombra: N - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (257)
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	07:20 16:57	07:09 17:28	06:38 17:58		06:52 19:27	50	07:33 (6) 08:23 (6)	06:11 19:54	05:46 20:20
2	07:20 16:58	07:09 17:30	06:36 17:59		06:51 19:28	50	07:32 (6) 08:22 (6)	06:10 19:55	05:46 20:20
3	07:20 16:59	07:08 17:31	06:35 18:00		06:49 19:29	51	07:32 (6) 08:23 (6)	06:09 19:56	05:45 20:21
4	07:20 17:00	07:07 17:32	06:34 18:01		06:48 19:30	51	07:31 (6) 08:22 (6)	06:08 19:57	05:45 20:22
5	07:20 17:01	07:06 17:33	06:32 18:02		06:46 19:31	51	07:31 (6) 08:22 (6)	06:07 19:58	05:45 20:22
6	07:20 17:02	07:05 17:34	06:31 18:03		06:45 19:32	51	07:30 (6) 08:21 (6)	06:06 19:59	05:45 20:23
7	07:20 17:02	07:04 17:35	06:29 18:04		06:43 19:32	50	07:31 (6) 08:21 (6)	06:05 20:00	05:44 20:24
8	07:20 17:03	07:03 17:36	06:28 18:05		06:42 19:33	50	07:30 (6) 08:20 (6)	06:04 20:00	05:44 20:24
9	07:20 17:04	07:02 17:37	06:27 18:06		06:40 19:34	50	07:30 (6) 08:20 (6)	06:03 20:01	05:44 20:25
10	07:20 17:05	07:01 17:38	06:25 18:07		06:39 19:35	48	07:31 (6) 08:19 (6)	06:02 20:02	05:44 20:25
11	07:20 17:06	07:00 17:39	06:24 18:08		06:38 19:36	47	07:31 (6) 08:18 (6)	06:01 20:03	05:44 20:26
12	07:20 17:07	06:59 17:41	06:22 18:09		06:36 19:37	46	07:31 (6) 08:17 (6)	06:00 20:04	05:44 20:26
13	07:19 17:08	06:58 17:42	06:21 18:10		06:35 19:38	45	07:31 (6) 08:16 (6)	05:59 20:05	05:44 20:27
14	07:19 17:09	06:57 17:43	06:19 18:11		06:33 19:39	43	07:32 (6) 08:15 (6)	05:58 20:06	05:44 20:27
15	07:19 17:10	06:56 17:44	06:18 18:12		06:32 19:40	41	07:33 (6) 08:14 (6)	05:57 20:07	05:44 20:27
16	07:19 17:11	06:54 17:45	06:16 18:13		06:31 19:41	39	07:33 (6) 08:12 (6)	05:56 20:07	05:44 20:28
17	07:18 17:12	06:53 17:46	06:15 18:13		06:29 19:41	37	07:34 (6) 08:11 (6)	05:55 20:08	05:44 20:28
18	07:18 17:13	06:52 17:47	06:13 18:14		06:28 19:42	33	07:35 (6) 08:08 (6)	05:55 20:09	05:44 20:28
19	07:18 17:14	06:51 17:48	06:12 18:15		06:26 19:43	30	07:37 (6) 08:07 (6)	05:54 20:10	05:44 20:29
20	07:17 17:15	06:50 17:49	06:10 18:16	12	06:25 07:08 (6)	26	07:39 (6) 08:05 (6)	05:53 20:11	05:44 20:29
21	07:17 17:16	06:48 17:50	06:09 18:17	21	06:24 07:12 (6)	21	07:41 (6) 08:02 (6)	05:52 20:12	05:44 20:29
22	07:16 17:17	06:47 17:51	06:07 18:18	27	06:22 07:15 (6)	14	07:44 (6) 07:58 (6)	05:52 20:12	05:44 20:29
23	07:16 17:19	06:46 17:52	06:06 18:19	31	06:21 07:16 (6)			05:51 20:13	05:45 20:30
24	07:15 17:20	06:45 17:53	06:04 18:20	35	06:20 07:18 (6)			05:50 20:14	05:45 20:30
25	07:14 17:21	06:43 17:54	06:03 18:21	38	06:19 07:19 (6)			05:50 20:15	05:45 20:30
26	07:14 17:22	06:42 17:55	06:01 18:22	41	06:17 07:21 (6)			05:49 20:15	05:46 20:30
27	07:13 17:23	06:41 17:56	06:00 18:23	43	06:16 07:21 (6)			05:49 20:16	05:46 20:30
28	07:12 17:24	06:39 17:57	05:58 18:23	45	06:15 07:22 (6)			05:48 20:17	05:46 20:30
29	07:12 17:25		06:57 19:24	47	06:14 08:22 (6)			05:48 20:18	05:47 20:30
30	07:11 17:26		06:55 19:25	48	06:12 08:23 (6)			05:47 20:18	05:47 20:30
31	07:10 17:27		06:54 19:26	48	07:34 (6) 08:22 (6)			05:47 20:19	
Ore potenziali eliofanìa	307	302	370		394			439	441
Totale, caso peggiore			436		924				

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: Analisi Ombreggiamento Recettore d'ombra: N - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (257)
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	05:47	06:09	06:35	07:29 (6)	07:00	06:29	07:00
	20:30	20:14	19:36	08:17 (6)	18:50	17:08	16:48
2	05:48	06:09	06:36	07:29 (6)	07:01	06:30	07:01
	20:30	20:13	19:34	08:17 (6)	18:48	17:07	16:47
3	05:48	06:10	06:36	07:28 (6)	07:02	06:31	07:02
	20:30	20:12	19:33	08:18 (6)	18:47	17:06	16:47
4	05:49	06:11	06:37	07:28 (6)	07:02	06:32	07:03
	20:30	20:11	19:31	08:18 (6)	18:45	17:05	16:47
5	05:49	06:12	06:38	07:27 (6)	07:03	06:33	07:04
	20:30	20:10	19:30	08:17 (6)	18:44	17:04	16:47
6	05:50	06:13	06:39	07:26 (6)	07:04	06:34	07:05
	20:29	20:09	19:28	08:17 (6)	18:42	17:03	16:47
7	05:50	06:14	06:40	07:26 (6)	07:05	06:35	07:05
	20:29	20:08	19:27	08:17 (6)	18:41	17:02	16:47
8	05:51	06:14	06:40	07:26 (6)	07:06	06:36	07:06
	20:29	20:07	19:25	08:17 (6)	18:39	17:01	16:47
9	05:52	06:15	06:41	07:26 (6)	07:07	06:37	07:07
	20:29	20:06	19:24	08:17 (6)	18:38	17:00	16:47
10	05:52	06:16	06:42	07:25 (6)	07:08	06:38	07:08
	20:28	20:05	19:22	08:16 (6)	18:37	16:59	16:47
11	05:53	06:17	06:43	07:25 (6)	07:09	06:39	07:09
	20:28	20:03	19:21	08:15 (6)	18:35	16:58	16:47
12	05:53	06:18	06:44	07:26 (6)	07:10	06:40	07:10
	20:28	20:02	19:19	08:15 (6)	18:34	16:58	16:47
13	05:54	06:19	06:45	07:26 (6)	07:10	06:42	07:10
	20:27	20:01	19:18	08:14 (6)	18:32	16:57	16:48
14	05:55	06:19	06:45	07:26 (6)	07:11	06:43	07:11
	20:27	20:00	19:16	08:13 (6)	18:31	16:56	16:48
15	05:55	06:20	06:46	07:26 (6)	07:12	06:44	07:12
	20:26	19:59	19:14	08:11 (6)	18:29	16:55	16:48
16	05:56	06:21	06:47	07:27 (6)	07:13	06:45	07:12
	20:26	19:57	19:13	08:10 (6)	18:28	16:55	16:48
17	05:57	06:22	06:48	07:28 (6)	07:14	06:46	07:13
	20:25	19:56	19:11	08:09 (6)	18:27	16:54	16:49
18	05:58	06:23	06:49	07:29 (6)	07:15	06:47	07:14
	20:25	19:55	19:10	08:08 (6)	18:25	16:53	16:49
19	05:58	06:24	06:50	07:30 (6)	07:16	06:48	07:14
	20:24	19:54	19:08	08:06 (6)	18:24	16:53	16:49
20	05:59	06:25	06:50	07:31 (6)	07:17	06:49	07:15
	20:23	19:52	19:07	08:03 (6)	18:23	16:52	16:50
21	06:00	06:25	07:48 (6)	06:51	07:32 (6)	07:18	06:50
	20:23	19:51	15 08:03 (6)	19:05	08:01 (6)	18:21	16:51
22	06:01	06:26	07:45 (6)	06:52	07:35 (6)	07:19	06:51
	20:22	19:50	21 08:06 (6)	19:04	07:58 (6)	18:20	16:51
23	06:01	06:27	07:42 (6)	06:53	07:39 (6)	07:20	06:52
	20:21	19:48	27 08:09 (6)	19:02	07:54 (6)	18:19	16:50
24	06:02	06:28	07:40 (6)	06:54		07:21	06:53
	20:21	19:47	31 08:11 (6)	19:01		18:18	16:50
25	06:03	06:29	07:39 (6)	06:55		06:22	06:54
	20:20	19:46	33 08:12 (6)	18:59		17:16	16:50
26	06:04	06:30	07:36 (6)	06:55		06:23	06:55
	20:19	19:44	37 08:13 (6)	18:57		17:15	16:49
27	06:04	06:30	07:35 (6)	06:56		06:24	06:56
	20:18	19:43	39 08:14 (6)	18:56		17:14	16:49
28	06:05	06:31	07:34 (6)	06:57		06:25	06:57
	20:18	19:41	41 08:15 (6)	18:54		17:13	16:48
29	06:06	06:32	07:33 (6)	06:58		06:26	06:58
	20:17	19:40	43 08:16 (6)	18:53		17:12	16:48
30	06:07	06:33	07:32 (6)	06:59		06:27	06:59
	20:16	19:38	45 08:17 (6)	18:51		17:10	16:48
31	06:08	06:34	07:30 (6)			06:28	07:19
	20:15	19:37	46 08:16 (6)			17:09	16:56
Ore potenziali eliofanìa	448	421				306	299
Totale, caso peggiore		378		998			219

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: Analisi Ombreggiamento Recettore d'ombra: O - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (258)
Assunzioni sui calcoli d'ombra

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

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno				
1	07:20	07:09	07:54 (8)	06:38	06:52	07:26 (7)	06:11	06:29 (6)	05:46	
	16:57	17:29	27 08:21 (8)	17:58	19:27	64 08:30 (7)	19:54	20 07:50 (7)	20:20	
2	07:20	07:09	07:55 (8)	06:37	06:51	07:25 (7)	06:10	06:28 (6)	05:46	
	16:58	17:30	25 08:20 (8)	17:59	19:28	64 08:29 (7)	19:55	18 06:46 (6)	20:21	
3	07:20	07:57 (8)	07:08	07:57 (8)	06:35	06:49	07:24 (7)	06:09	06:27 (6)	05:46
	16:59	4 08:01 (8)	17:31	23 08:20 (8)	18:00	19:29	66 08:30 (7)	19:56	20 06:47 (6)	20:21
4	07:20	07:55 (8)	07:07	07:58 (8)	06:34	06:48	07:23 (7)	06:08	06:26 (6)	05:45
	17:00	9 08:04 (8)	17:32	21 08:19 (8)	18:01	19:30	66 08:29 (7)	19:57	21 06:47 (6)	20:22
5	07:20	07:54 (8)	07:06	08:00 (8)	06:32	06:46	07:23 (7)	06:07	06:25 (6)	05:45
	17:01	12 08:06 (8)	17:33	18 08:18 (8)	18:02	19:31	66 08:29 (7)	19:58	23 06:48 (6)	20:22
6	07:20	07:53 (8)	07:05	08:02 (8)	06:31	06:45	07:22 (7)	06:06	06:24 (6)	05:45
	17:02	14 08:07 (8)	17:34	14 08:16 (8)	18:03	19:32	66 08:28 (7)	19:59	24 06:48 (6)	20:23
7	07:20	07:53 (8)	07:04	08:05 (8)	06:30	06:43	07:22 (7)	06:05	06:23 (6)	05:44
	17:02	16 08:09 (8)	17:35	7 08:12 (8)	18:04	19:32	67 08:29 (7)	20:00	25 06:48 (6)	20:24
8	07:20	07:53 (8)	07:03	06:28	06:42	07:23 (7)	06:04	06:23 (6)	05:44	
	17:03	17 08:10 (8)	17:36	18:05	19:33	66 08:29 (7)	20:00	25 06:48 (6)	20:24	
9	07:20	07:51 (8)	07:02	06:27	06:40	07:22 (7)	06:03	06:23 (6)	05:44	
	17:04	20 08:11 (8)	17:37	18:06	19:34	65 08:27 (7)	20:01	25 06:48 (6)	20:25	
10	07:20	07:51 (8)	07:01	06:25	06:39	07:22 (7)	06:02	06:23 (6)	05:44	
	17:05	21 08:12 (8)	17:38	18:07	19:35	65 08:27 (7)	20:02	24 06:47 (6)	20:25	
11	07:20	07:51 (8)	07:00	06:24	06:38	07:21 (7)	06:01	06:23 (6)	05:44	
	17:06	22 08:13 (8)	17:39	18:08	19:36	65 08:26 (7)	20:03	24 06:47 (6)	20:26	
12	07:20	07:51 (8)	06:59	06:22	06:36	07:22 (7)	06:00	06:24 (6)	05:44	
	17:07	24 08:15 (8)	17:41	18:09	19:37	64 08:26 (7)	20:04	23 06:47 (6)	20:26	
13	07:20	07:50 (8)	06:58	06:21	06:35	07:21 (7)	05:59	06:25 (6)	05:44	
	17:08	25 08:15 (8)	17:42	18:10	19:38	63 08:24 (7)	20:05	22 06:47 (6)	20:27	
14	07:19	07:50 (8)	06:57	06:19	06:33	07:22 (7)	05:58	06:25 (6)	05:44	
	17:09	26 08:16 (8)	17:43	18:11	19:39	62 08:24 (7)	20:06	21 06:46 (6)	20:27	
15	07:19	07:50 (8)	06:56	06:18	06:32	07:23 (7)	05:57	06:26 (6)	05:44	
	17:10	27 08:17 (8)	17:44	18:12	19:40	61 08:24 (7)	20:07	19 06:45 (6)	20:27	
16	07:19	07:49 (8)	06:54	06:16	06:45 (9)	06:31	07:22 (7)	05:56	06:26 (6)	05:44
	17:11	29 08:18 (8)	17:45	18:13	4 06:49 (9)	19:41	60 08:22 (7)	20:07	18 06:44 (6)	20:28
17	07:18	07:50 (8)	06:53	06:15	06:40 (9)	06:29	07:23 (7)	05:55	06:27 (6)	05:44
	17:12	29 08:19 (8)	17:46	18:13	28 07:10 (7)	19:41	58 08:21 (7)	20:08	16 06:43 (6)	20:28
18	07:18	07:50 (8)	06:52	06:13	06:37 (9)	06:28	07:24 (7)	05:55	06:29 (6)	05:44
	17:13	30 08:20 (8)	17:47	18:14	37 07:14 (7)	19:42	57 08:21 (7)	20:09	13 06:42 (6)	20:28
19	07:18	07:50 (8)	06:51	06:12	06:35 (9)	06:26	07:24 (7)	05:54	06:31 (6)	05:44
	17:14	30 08:20 (8)	17:48	18:15	43 07:18 (7)	19:43	55 08:19 (7)	20:10	9 06:40 (6)	20:29
20	07:17	07:50 (8)	06:50	06:10	06:33 (9)	06:25	07:25 (7)	05:53	06:34 (6)	05:44
	17:15	31 08:21 (8)	17:49	18:16	47 07:20 (7)	19:44	53 08:18 (7)	20:11	2 06:36 (6)	20:29
21	07:17	07:50 (8)	06:48	06:09	06:31 (9)	06:24	07:26 (7)	05:52	05:44	
	17:16	31 08:21 (8)	17:50	18:17	50 07:21 (7)	19:45	51 08:17 (7)	20:12	20:29	
22	07:16	07:50 (8)	06:47	06:07	06:30 (9)	06:22	07:26 (7)	05:52	05:45	
	17:18	32 08:22 (8)	17:51	18:18	54 07:24 (7)	19:46	49 08:15 (7)	20:12	20:29	
23	07:16	07:50 (8)	06:46	06:06	06:29 (9)	06:21	07:27 (7)	05:51	05:45	
	17:19	32 08:22 (8)	17:52	18:19	55 07:24 (7)	19:47	47 08:14 (7)	20:13	20:30	
24	07:15	07:50 (8)	06:45	06:04	06:29 (9)	06:20	07:28 (7)	05:50	05:45	
	17:20	32 08:22 (8)	17:53	18:20	57 07:26 (7)	19:48	44 08:12 (7)	20:14	20:30	
25	07:14	07:51 (8)	06:43	06:03	06:28 (9)	06:19	07:30 (7)	05:50	05:45	
	17:21	32 08:23 (8)	17:54	18:21	59 07:27 (7)	19:49	41 08:11 (7)	20:15	20:30	
26	07:14	07:51 (8)	06:42	06:01	06:28 (9)	06:17	07:31 (7)	05:49	05:46	
	17:22	32 08:23 (8)	17:55	18:22	60 07:28 (7)	19:50	37 08:08 (7)	20:16	20:30	
27	07:13	07:51 (8)	06:41	06:00	06:27 (9)	06:16	07:32 (7)	05:49	05:46	
	17:23	32 08:23 (8)	17:56	18:23	61 07:28 (7)	19:51	34 08:06 (7)	20:16	20:30	
28	07:12	07:52 (8)	06:39	05:58	06:27 (9)	06:15	06:34 (6)	05:48	05:46	
	17:24	31 08:23 (8)	17:57	18:23	62 07:29 (7)	19:51	35 08:04 (7)	20:17	20:30	
29	07:12	07:52 (8)	06:39	06:57	07:27 (9)	06:14	06:32 (6)	05:48	05:47	
	17:25	31 08:23 (8)	06:39	19:24	62 08:29 (7)	19:52	35 08:01 (7)	20:18	20:30	
30	07:11	07:53 (8)	06:39	06:55	07:28 (9)	06:12	06:31 (6)	05:47	05:47	
	17:26	30 08:23 (8)	06:39	19:25	62 08:30 (7)	19:53	32 07:58 (7)	20:18	20:30	
31	07:10	07:53 (8)	06:39	06:54	07:26 (9)	06:11	05:47	05:47	05:47	
	17:27	29 08:22 (8)	06:39	19:26	63 08:29 (7)	06:11	20:19	20:19	20:30	
Ore potenziali eliofanìa	307	302	370	394	439	441				
Totale, caso peggiore	730	135	804	1658	392	441				

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: Analisi Ombreggiamento Recettore d'ombra: 0 - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (258)
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	05:47	06:09	06:34 (6)	06:35	07:20 (7)	07:00	06:29	07:00	07:33 (8)	
	20:30	20:14	23 06:57 (6)	19:36	65 08:25 (7)	18:50	17:08	16:48	22 07:55 (8)	
2	05:48	06:09	06:34 (6)	06:36	07:20 (7)	07:01	06:30	07:01	07:34 (8)	
	20:30	20:13	24 06:58 (6)	19:34	65 08:25 (7)	18:48	17:07	16:47	21 07:55 (8)	
3	05:48	06:10	06:34 (6)	06:36	07:20 (7)	07:02	06:31	07:02	07:35 (8)	
	20:30	20:12	24 06:58 (6)	19:33	65 08:25 (7)	18:47	17:06	16:47	20 07:55 (8)	
4	05:49	06:11	06:34 (6)	06:37	07:20 (7)	07:02	06:32	07:35 (8)	07:03	07:36 (8)
	20:30	20:11	24 06:58 (6)	19:31	66 08:26 (7)	18:45	17:05	8 07:43 (8)	16:47	18 07:54 (8)
5	05:49	06:12	06:33 (6)	06:38	07:18 (7)	07:03	06:33	07:31 (8)	07:04	07:38 (8)
	20:30	20:10	24 06:57 (6)	19:30	67 08:25 (7)	18:44	17:04	15 07:46 (8)	16:47	16 07:54 (8)
6	05:50	06:13	06:33 (6)	06:39	07:18 (7)	07:04	06:34	07:29 (8)	07:05	07:39 (8)
	20:29	20:09	24 06:57 (6)	19:28	67 08:25 (7)	18:42	17:03	19 07:48 (8)	16:47	14 07:53 (8)
7	05:50	06:14	06:34 (6)	06:40	07:18 (7)	07:05	06:35	07:28 (8)	07:05	07:41 (8)
	20:29	20:08	23 06:57 (6)	19:27	66 08:24 (7)	18:41	17:02	21 07:49 (8)	16:47	12 07:53 (8)
8	05:51	06:14	06:35 (6)	06:41	07:18 (7)	07:06	06:36	07:26 (8)	07:06	07:42 (8)
	20:29	20:07	22 06:57 (6)	19:25	66 08:24 (7)	18:39	17:01	25 07:51 (8)	16:47	9 07:51 (8)
9	05:52	06:15	06:36 (6)	06:41	07:19 (7)	07:07	06:37	07:25 (8)	07:07	07:45 (8)
	20:29	20:06	21 06:57 (6)	19:24	65 08:24 (7)	18:38	17:00	26 07:51 (8)	16:47	5 07:50 (8)
10	05:52	06:16	06:37 (6)	06:42	07:18 (7)	07:08	06:38	07:25 (8)	07:08	
	20:28	20:05	19 06:56 (6)	19:22	65 08:23 (7)	18:37	16:59	27 07:52 (8)	16:47	
11	05:53	06:17	06:37 (6)	06:43	07:18 (7)	07:09	06:39	07:24 (8)	07:09	
	20:28	20:03	18 06:55 (6)	19:21	64 08:22 (7)	18:35	16:58	29 07:53 (8)	16:47	
12	05:54	06:18	06:38 (6)	06:44	07:18 (7)	07:10	06:41	07:25 (8)	07:10	
	20:28	20:02	25 08:02 (7)	19:19	64 08:22 (7)	18:34	16:58	29 07:54 (8)	16:47	
13	05:54	06:19	06:39 (6)	06:45	07:19 (7)	07:10	06:42	07:24 (8)	07:10	
	20:27	20:01	33 08:07 (7)	19:18	62 08:21 (7)	18:32	16:57	31 07:55 (8)	16:48	
14	05:55	06:20	06:40 (6)	06:45	07:18 (9)	07:11	06:43	07:24 (8)	07:11	
	20:27	20:00	36 08:10 (7)	19:16	62 08:20 (7)	18:31	16:56	31 07:55 (8)	16:48	
15	05:55	06:20	06:43 (6)	06:46	07:17 (9)	07:12	06:44	07:24 (8)	07:12	
	20:26	19:59	33 08:12 (7)	19:14	61 08:18 (7)	18:29	16:55	32 07:56 (8)	16:48	
16	05:56	06:21	07:39 (7)	06:47	07:16 (9)	07:13	06:45	07:24 (8)	07:12	
	20:26	19:57	34 08:13 (7)	19:13	61 08:17 (7)	18:28	16:55	32 07:56 (8)	16:48	
17	05:57	06:22	07:37 (7)	06:48	07:16 (9)	07:14	06:46	07:24 (8)	07:13	
	20:25	19:56	38 08:15 (7)	19:11	60 08:16 (7)	18:27	16:54	32 07:56 (8)	16:49	
18	05:58	06:23	07:35 (7)	06:49	07:16 (9)	07:15	06:47	07:24 (8)	07:14	
	20:25	19:55	42 08:17 (7)	19:10	59 08:15 (7)	18:25	16:53	32 07:56 (8)	16:49	
19	05:58	06:24	07:34 (7)	06:50	07:16 (9)	07:16	06:48	07:24 (8)	07:14	
	20:24	19:54	44 08:18 (7)	19:08	58 08:14 (7)	18:24	16:53	32 07:56 (8)	16:49	
20	05:59	06:25	07:33 (7)	06:50	07:15 (9)	07:17	06:49	07:24 (8)	07:15	
	20:24	19:52	47 08:20 (7)	19:07	56 08:11 (7)	18:23	16:52	32 07:56 (8)	16:50	
21	06:00	06:25	07:31 (7)	06:51	07:16 (9)	07:18	06:50	07:26 (8)	07:15	
	20:23	19:51	50 08:21 (7)	19:05	53 08:09 (7)	18:21	16:51	31 07:57 (8)	16:50	
22	06:01	06:26	07:29 (7)	06:52	07:16 (9)	07:19	06:51	07:26 (8)	07:16	
	20:22	19:50	52 08:21 (7)	19:04	51 08:07 (7)	18:20	16:51	31 07:57 (8)	16:51	
23	06:01	06:27	07:28 (7)	06:53	07:17 (9)	07:20	06:52	07:27 (8)	07:17	
	20:21	19:48	54 08:22 (7)	19:02	48 08:05 (7)	18:19	16:50	30 07:57 (8)	16:51	
24	06:02	06:42 (6)	06:28	07:27 (7)	06:54	07:18 (9)	07:21	06:53	07:27 (8)	07:17
	20:21	7 06:49 (6)	19:47	56 08:23 (7)	19:01	44 08:02 (7)	18:18	16:50	30 07:57 (8)	16:52
25	06:03	06:40 (6)	06:29	07:27 (7)	06:55	07:19 (9)	06:22	06:54	07:28 (8)	07:17
	20:20	12 06:52 (6)	19:46	57 08:24 (7)	18:59	40 07:59 (7)	17:16	16:50	29 07:57 (8)	16:52
26	06:04	06:39 (6)	06:30	07:26 (7)	06:56	07:20 (9)	06:23	06:55	07:28 (8)	07:18
	20:19	14 06:53 (6)	19:44	58 08:24 (7)	18:58	34 07:54 (7)	17:15	16:49	29 07:57 (8)	16:53
27	06:04	06:37 (6)	06:31	07:24 (7)	06:56	07:24 (9)	06:24	06:56	07:29 (8)	07:18
	20:18	17 06:54 (6)	19:43	60 08:24 (7)	18:56	9 07:33 (9)	17:14	16:49	27 07:56 (8)	16:54
28	06:05	06:36 (6)	06:31	07:23 (7)	06:57	06:25	06:57	07:30 (8)	07:19	
	20:18	19 06:55 (6)	19:41	62 08:25 (7)	18:54	17:13	16:48	26 07:56 (8)	16:54	
29	06:06	06:36 (6)	06:32	07:23 (7)	06:58	06:26	06:58	07:31 (8)	07:19	
	20:17	20 06:56 (6)	19:40	62 08:25 (7)	18:53	17:12	16:48	25 07:56 (8)	16:55	
30	06:07	06:35 (6)	06:33	07:22 (7)	06:59	06:27	06:59	07:32 (8)	07:19	
	20:16	22 06:57 (6)	19:38	63 08:25 (7)	18:51	17:10	16:48	24 07:56 (8)	16:56	
31	06:08	06:34 (6)	06:34	07:22 (7)	06:28	06:28	06:28	07:19	07:19	
	20:15	23 06:57 (6)	19:37	64 08:26 (7)	17:09	17:09	16:56	299		
Ore potenziali eliofanìa	448	421	373	349	306	299				
Totale, caso peggiore	134	1216	1543	735	137					

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: Analisi Ombreggiamento Recettore d'ombra: P - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (259)
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	07:20	07:09	07:38 (8)	06:38	06:52	07:13 (9)	06:11	06:41 (7)	05:46	06:13 (6)	
	16:57	17:29	29 08:07 (8)	17:58	19:27	24 07:37 (9)	19:54	66 07:47 (7)	20:20	74 07:40 (7)	
2	07:20	07:09	07:37 (8)	06:37	06:51	07:11 (9)	06:10	06:40 (7)	05:46	06:14 (6)	
	16:58	17:30	30 08:07 (8)	17:59	19:28	26 07:37 (9)	19:55	67 07:47 (7)	20:21	72 07:40 (7)	
3	07:20	07:08	07:37 (8)	06:35	06:49	07:10 (9)	06:09	06:40 (7)	05:46	06:15 (6)	
	16:59	17:31	32 08:09 (8)	18:00	19:29	28 07:38 (9)	19:56	67 07:47 (7)	20:21	70 07:40 (7)	
4	07:20	07:07	07:37 (8)	06:34	06:48	07:08 (9)	06:08	06:39 (7)	05:45	06:15 (6)	
	17:00	17:32	32 08:09 (8)	18:01	19:30	30 07:38 (9)	19:57	68 07:47 (7)	20:22	68 07:39 (7)	
5	07:20	07:06	07:37 (8)	06:32	06:46	07:08 (9)	06:07	06:39 (7)	05:45	06:16 (6)	
	17:01	17:33	33 08:10 (8)	18:02	19:31	31 07:39 (9)	19:58	68 07:47 (7)	20:22	67 07:39 (7)	
6	07:20	07:05	07:37 (8)	06:31	06:45	07:06 (9)	06:06	06:39 (7)	05:45	06:17 (6)	
	17:02	17:34	33 08:10 (8)	18:03	19:32	33 07:39 (9)	19:59	68 07:47 (7)	20:23	64 07:39 (7)	
7	07:20	07:04	07:37 (8)	06:30	06:43	07:06 (9)	06:05	06:39 (7)	05:44	06:18 (6)	
	17:02	17:35	33 08:10 (8)	18:04	19:32	33 07:39 (9)	20:00	68 07:47 (7)	20:24	62 07:39 (7)	
8	07:20	07:03	07:37 (8)	06:28	06:42	07:06 (9)	06:04	06:39 (7)	05:44	06:19 (6)	
	17:03	17:36	33 08:10 (8)	18:05	19:33	33 07:39 (9)	20:00	68 07:47 (7)	20:24	59 07:38 (7)	
9	07:20	07:02	07:37 (8)	06:27	06:40	07:05 (9)	06:03	06:38 (7)	05:44	06:20 (6)	
	17:04	17:37	33 08:10 (8)	18:06	19:34	33 07:38 (9)	20:01	69 07:47 (7)	20:25	57 07:38 (7)	
10	07:20	07:01	07:37 (8)	06:25	06:39	07:06 (9)	06:02	06:20 (6)	05:44	06:20 (6)	
	17:05	17:38	33 08:10 (8)	18:07	19:35	32 07:38 (9)	20:02	74 07:46 (7)	20:25	55 07:37 (7)	
11	07:20	07:00	07:37 (8)	06:24	06:38	07:05 (9)	06:01	06:19 (6)	05:44	06:21 (6)	
	17:06	17:39	32 08:09 (8)	18:08	19:36	32 07:37 (9)	20:03	77 07:46 (7)	20:26	52 07:37 (7)	
12	07:20	06:59	07:37 (8)	06:22	06:36	07:06 (9)	06:00	06:19 (6)	05:44	06:23 (6)	
	17:07	17:41	31 08:08 (8)	18:09	19:37	31 07:37 (9)	20:04	80 07:47 (7)	20:26	49 07:37 (7)	
13	07:19	06:58	07:38 (8)	06:21	06:35	07:05 (9)	05:59	06:18 (6)	05:44	06:53 (7)	
	17:08	17:42	30 08:08 (8)	18:10	19:38	30 07:35 (9)	20:05	81 07:46 (7)	20:27	44 07:37 (7)	
14	07:19	06:57	07:39 (8)	06:19	06:33	07:05 (7)	05:58	06:17 (6)	05:44	06:53 (7)	
	17:09	17:43	28 08:07 (8)	18:11	19:39	30 07:35 (9)	20:06	82 07:46 (7)	20:27	44 07:37 (7)	
15	07:19	06:56	07:40 (8)	06:18	06:32	07:02 (7)	05:57	06:16 (6)	05:44	06:53 (7)	
	17:10	17:44	27 08:07 (8)	18:12	19:40	32 07:34 (7)	20:07	83 07:44 (7)	20:27	44 07:37 (7)	
16	07:19	06:54	07:41 (8)	06:16	06:31	06:59 (7)	05:56	06:15 (6)	05:44	06:54 (7)	
	17:11	17:45	25 08:06 (8)	18:13	19:41	36 07:35 (7)	20:07	84 07:45 (7)	20:28	43 07:37 (7)	
17	07:18	06:53	07:43 (8)	06:15	06:29	06:57 (7)	05:55	06:14 (6)	05:44	06:55 (7)	
	17:12	17:46	21 08:04 (8)	18:13	19:41	41 07:38 (7)	20:08	84 07:44 (7)	20:28	43 07:38 (7)	
18	07:18	06:52	07:44 (8)	06:13	06:28	06:55 (7)	05:55	06:14 (6)	05:44	06:55 (7)	
	17:13	17:47	17 08:01 (8)	18:14	19:42	44 07:39 (7)	20:09	85 07:45 (7)	20:28	43 07:38 (7)	
19	07:18	06:51	07:47 (8)	06:12	06:26	06:52 (7)	05:54	06:13 (6)	05:44	06:55 (7)	
	17:14	17:48	12 07:59 (8)	18:15	19:43	48 07:40 (7)	20:10	85 07:44 (7)	20:29	43 07:38 (7)	
20	07:17	06:50		06:10	06:25	06:51 (7)	05:53	06:12 (6)	05:44	06:56 (7)	
	17:15	17:49		18:16	19:44	51 07:42 (7)	20:11	86 07:44 (7)	20:29	42 07:38 (7)	
21	07:17	06:48		06:09	06:24	06:50 (7)	05:52	06:12 (6)	05:44	06:56 (7)	
	17:16	17:50		18:17	19:45	53 07:43 (7)	20:12	86 07:44 (7)	20:29	42 07:38 (7)	
22	07:16	06:47		06:07	06:22	06:48 (7)	05:52	06:11 (6)	05:45	06:56 (7)	
	17:18	17:51		18:18	19:46	55 07:43 (7)	20:12	86 07:43 (7)	20:29	42 07:38 (7)	
23	07:16	06:46		06:06	06:21	06:47 (7)	05:51	06:10 (6)	05:45	06:57 (7)	
	17:19	17:52		18:19	19:47	57 07:44 (7)	20:13	85 07:42 (7)	20:30	42 07:39 (7)	
24	07:15	06:45		06:04	06:20	06:46 (7)	05:50	06:10 (6)	05:45	06:56 (7)	
	17:20	17:53		18:20	19:48	59 07:45 (7)	20:14	86 07:43 (7)	20:30	43 07:39 (7)	
25	07:14	07:47 (8)	06:43	06:03	06:19	06:45 (7)	05:50	06:10 (6)	05:45	06:56 (7)	
	17:21	8 07:55 (8)	17:54	18:21	19:49	61 07:46 (7)	20:15	84 07:42 (7)	20:30	43 07:39 (7)	
26	07:14	07:44 (8)	06:42	06:01	06:17	06:44 (7)	05:49	06:11 (6)	05:46	06:57 (7)	
	17:22	14 07:58 (8)	17:55	18:22	19:50	61 07:45 (7)	20:16	83 07:42 (7)	20:30	43 07:40 (7)	
27	07:13	07:42 (8)	06:41	06:00	06:16	06:43 (7)	05:49	06:11 (6)	05:46	06:57 (7)	
	17:23	18 08:00 (8)	17:56	18:23	19:51	63 07:46 (7)	20:16	81 07:41 (7)	20:30	43 07:40 (7)	
28	07:12	07:42 (8)	06:39	05:58	06:15	06:43 (7)	05:48	06:12 (6)	05:46	06:56 (7)	
	17:24	21 08:03 (8)	17:57	18:23	19:51	63 07:46 (7)	20:17	79 07:41 (7)	20:30	44 07:40 (7)	
29	07:12	07:40 (8)		06:57	06:14	06:42 (7)	05:48	06:11 (6)	05:47	06:57 (7)	
	17:25	24 08:04 (8)		19:24	8 07:29 (9)	19:52	65 07:47 (7)	20:18	78 07:40 (7)	20:30	44 07:41 (7)
30	07:11	07:39 (8)		06:55	07:17 (9)	06:12	05:47	06:12 (6)	05:47	06:27 (6)	
	17:26	26 08:05 (8)		19:25	16 07:33 (9)	19:53	65 07:47 (7)	20:18	77 07:40 (7)	20:30	49 07:41 (7)
31	07:10	07:38 (8)		06:54	07:14 (9)		05:47	06:13 (6)			
	17:27	28 08:06 (8)		19:26	21 07:35 (9)		20:19	76 07:41 (7)			
Ore potenziali eliofania	307		302	370		394	439		441	1530	
Totale, caso peggiore	139		544	45		1280	2411				

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: Analisi Ombreggiamento Recettore d'ombra: P - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (259)
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	05:47	06:27 (6)	06:09	06:29 (6)	06:35	07:04 (9)	07:00	06:29	07:06 (8)	07:00				
	20:30	51	07:42 (7)	20:14	78	07:56 (7)	19:36	32	07:36 (9)	18:50	17:08	33	07:39 (8)	16:48
2	05:48	06:25 (6)	06:09	06:30 (6)	06:36	07:04 (9)	07:01	06:30	07:06 (8)	07:01				
	20:30	55	07:42 (7)	20:13	76	07:57 (7)	19:34	32	07:36 (9)	18:48	17:07	33	07:39 (8)	16:47
3	05:48	06:24 (6)	06:10	06:31 (6)	06:36	07:03 (9)	07:02	06:31	07:06 (8)	07:02				
	20:30	56	07:42 (7)	20:12	73	07:57 (7)	19:33	33	07:36 (9)	18:47	17:06	33	07:39 (8)	16:47
4	05:49	06:24 (6)	06:11	06:49 (7)	06:37	07:03 (9)	07:02	06:32	07:06 (8)	07:03				
	20:30	59	07:43 (7)	20:11	68	07:57 (7)	19:31	33	07:36 (9)	18:45	17:05	34	07:40 (8)	16:47
5	05:49	06:23 (6)	06:12	06:49 (7)	06:38	07:02 (9)	07:03	06:33	07:07 (8)	07:04				
	20:30	61	07:43 (7)	20:10	68	07:57 (7)	19:30	33	07:35 (9)	18:44	17:04	33	07:40 (8)	16:47
6	05:50	06:23 (6)	06:13	06:48 (7)	06:39	07:02 (9)	07:04	06:34	07:07 (8)	07:05				
	20:29	63	07:45 (7)	20:09	69	07:57 (7)	19:28	33	07:35 (9)	18:42	17:03	32	07:39 (8)	16:47
7	05:50	06:23 (6)	06:14	06:49 (7)	06:40	07:03 (9)	07:05	06:35	07:07 (8)	07:05				
	20:29	65	07:46 (7)	20:08	68	07:57 (7)	19:27	31	07:34 (9)	18:41	17:02	32	07:39 (8)	16:47
8	05:51	06:22 (6)	06:14	06:49 (7)	06:41	07:03 (9)	07:06	06:36	07:07 (8)	07:06				
	20:29	68	07:46 (7)	20:07	68	07:57 (7)	19:25	30	07:33 (9)	18:39	17:01	32	07:39 (8)	16:47
9	05:52	06:22 (6)	06:15	06:49 (7)	06:41	07:04 (9)	07:07	06:37	07:08 (8)	07:07				
	20:29	70	07:47 (7)	20:06	68	07:57 (7)	19:24	29	07:33 (9)	18:38	17:00	30	07:38 (8)	16:47
10	05:52	06:21 (6)	06:16	06:49 (7)	06:42	07:04 (9)	07:08	06:38	07:09 (8)	07:08				
	20:28	72	07:47 (7)	20:05	68	07:57 (7)	19:22	26	07:30 (9)	18:37	16:59	28	07:37 (8)	16:47
11	05:53	06:22 (6)	06:17	06:49 (7)	06:43	07:05 (9)	07:09	06:39	07:09 (8)	07:09				
	20:28	73	07:48 (7)	20:03	66	07:55 (7)	19:21	24	07:29 (9)	18:35	16:58	28	07:37 (8)	16:47
12	05:54	06:22 (6)	06:18	06:49 (7)	06:44	07:06 (9)	07:10	06:41	07:11 (8)	07:10				
	20:28	74	07:49 (7)	20:02	66	07:55 (7)	19:19	21	07:27 (9)	18:34	16:58	26	07:37 (8)	16:47
13	05:54	06:21 (6)	06:19	06:49 (7)	06:45	07:08 (9)	07:10	06:42	07:12 (8)	07:10				
	20:27	75	07:48 (7)	20:01	66	07:55 (7)	19:18	17	07:25 (9)	18:32	16:57	24	07:36 (8)	16:48
14	05:55	06:21 (6)	06:20	06:50 (7)	06:45	07:11 (9)	07:11	06:43	07:14 (8)	07:11				
	20:27	77	07:49 (7)	20:00	65	07:55 (7)	19:16	10	07:21 (9)	18:31	16:56	20	07:34 (8)	16:48
15	05:55	06:20 (6)	06:20	06:50 (7)	06:46			06:44	07:15 (8)	07:12				
	20:26	78	07:49 (7)	19:59	64	07:54 (7)	19:14	18:29	07:16 (8)	07:14	16:55	18	07:33 (8)	16:48
16	05:56	06:20 (6)	06:21	06:50 (7)	06:47			06:45	07:17 (8)	07:13				
	20:26	80	07:50 (7)	19:57	63	07:53 (7)	19:13	18:28	07:18 (8)	07:14	16:55	14	07:31 (8)	16:48
17	05:57	06:20 (6)	06:22	06:51 (7)	06:48			06:46	07:19 (8)	07:14				
	20:25	82	07:51 (7)	19:56	61	07:52 (7)	19:11	18:27	07:20 (8)	07:15	16:54	8	07:28 (8)	16:49
18	05:58	06:20 (6)	06:23	06:51 (7)	06:49			06:47	07:21 (8)	07:15				
	20:25	83	07:52 (7)	19:55	60	07:51 (7)	19:10	18:25	07:22 (8)	07:15	16:53			16:49
19	05:58	06:20 (6)	06:24	06:52 (7)	06:50			06:48	07:23 (8)	07:16				
	20:24	84	07:52 (7)	19:54	59	07:51 (7)	19:08	18:24	07:24 (8)	07:16	16:53			16:49
20	05:59	06:20 (6)	06:25	06:53 (7)	06:50			06:49	07:25 (8)	07:17				
	20:24	85	07:53 (7)	19:52	57	07:50 (7)	19:07	18:23	07:26 (8)	07:17	16:52			16:50
21	06:00	06:21 (6)	06:25	06:54 (7)	06:51			06:50	07:27 (8)	07:18				
	20:23	85	07:53 (7)	19:51	55	07:49 (7)	19:05	18:21	07:28 (8)	07:18	16:51			16:50
22	06:01	06:21 (6)	06:26	06:54 (7)	06:52			06:51	07:29 (8)	07:19				
	20:22	85	07:53 (7)	19:50	53	07:47 (7)	19:04	18:20	07:30 (8)	07:19	16:51			16:51
23	06:01	06:22 (6)	06:27	06:55 (7)	06:53			06:52	07:31 (8)	07:20				
	20:21	85	07:54 (7)	19:48	50	07:45 (7)	19:02	18:19	07:32 (8)	07:21	16:50			16:51
24	06:02	06:23 (6)	06:28	06:56 (7)	06:54			06:53	07:33 (8)	07:21				
	20:21	85	07:54 (7)	19:47	48	07:44 (7)	19:01	18:18	07:34 (8)	07:21	16:50			16:52
25	06:03	06:24 (6)	06:29	06:58 (7)	06:55			06:54	07:35 (8)	07:22				
	20:20	85	07:55 (7)	19:46	44	07:42 (7)	18:59	18:16	07:36 (8)	07:22	16:50			16:52
26	06:04	06:25 (6)	06:30	07:00 (7)	06:56			06:55	07:37 (8)	07:23				
	20:19	85	07:56 (7)	19:44	40	07:40 (7)	18:58	17:15	07:38 (8)	07:23	16:50			16:53
27	06:04	06:25 (6)	06:31	07:01 (7)	06:56			06:56	07:39 (8)	07:24				
	20:18	84	07:55 (7)	19:43	36	07:37 (7)	18:56	17:14	07:40 (8)	07:24	16:50			16:53
28	06:05	06:26 (6)	06:31	07:03 (7)	06:57			06:57	07:41 (8)	07:25				
	20:18	83	07:56 (7)	19:41	32	07:35 (9)	18:54	17:13	07:42 (8)	07:25	16:50			16:54
29	06:06	06:27 (6)	06:32	07:06 (7)	06:58			06:58	07:43 (8)	07:26				
	20:17	82	07:56 (7)	19:40	30	07:36 (9)	18:53	17:12	07:44 (8)	07:26	16:50			16:55
30	06:07	06:28 (6)	06:33	07:06 (9)	06:59			06:59	07:45 (8)	07:27				
	20:16	82	07:57 (7)	19:38	30	07:36 (9)	18:51	17:10	07:46 (8)	07:27	16:50			16:56
31	06:08	06:28 (6)	06:34	07:06 (9)				06:58	07:47 (8)	07:28				
	20:15	80	07:56 (7)	19:37	31	07:37 (9)		17:09	07:48 (8)	07:28	16:50			16:56
Ore potenziali eliofanìa	448		421		373		349		306		299			
Totale, caso peggiore	2332		1780		384		237		458					

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: Analisi Ombreggiamento Recettore d'ombra: Q - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (260)
Assunzioni sui calcoli d'ombra

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

	Gennaio	Febbraio	Marzo	Aprile		Maggio		Giugno	
1	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27		06:11 19:54		05:46 20:20	16 07:18 (8)
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28		06:10 19:55	68	05:46 20:20	11 07:21 (8)
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29		06:09 19:56	67	05:46 20:21	
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	13	07:27 (8) 07:40 (8)	66	05:45 20:22	
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	24	07:22 (8) 07:46 (8)	65	05:45 20:22	
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	32	07:17 (8) 07:49 (8)	65	05:45 20:23	
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	36	07:15 (8) 07:51 (8)	63	05:44 20:24	
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	41	07:12 (8) 07:53 (8)	63	05:44 20:24	
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	45	07:10 (8) 07:55 (8)	62	05:44 20:25	
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	48	07:09 (8) 07:57 (8)	60	05:44 20:25	
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	51	07:06 (8) 07:57 (8)	60	05:44 20:26	
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	54	07:05 (8) 07:59 (8)	58	05:44 20:26	
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	56	07:03 (8) 07:59 (8)	57	05:44 20:27	
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	58	07:02 (8) 08:00 (8)	56	05:44 20:27	
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	60	07:01 (8) 08:01 (8)	54	05:44 20:27	
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	61	07:00 (8) 08:01 (8)	53	05:44 20:28	
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	63	06:59 (8) 08:02 (8)	51	05:44 20:28	
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	63	06:59 (8) 08:02 (8)	50	05:44 20:28	
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	65	06:57 (8) 08:02 (8)	48	05:44 20:29	
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	65	06:57 (8) 08:02 (8)	46	05:44 20:29	
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 19:45	67	06:56 (8) 08:03 (8)	45	05:44 20:29	
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	67	06:55 (8) 08:02 (8)	42	05:45 20:29	
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	67	06:55 (8) 08:02 (8)	40	05:45 20:30	
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	67	06:55 (8) 08:02 (8)	39	05:45 20:30	
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	68	06:54 (8) 08:02 (8)	36	05:45 20:30	
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	69	06:53 (8) 08:02 (8)	34	05:46 20:30	
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	68	06:53 (8) 08:01 (8)	32	05:46 20:30	
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	68	06:53 (8) 08:01 (8)	29	05:46 20:30	
29	07:12 17:25		06:57 19:24	06:14 19:52	68	06:53 (8) 08:01 (8)	26	05:47 20:30	
30	07:11 17:26		06:55 19:25	06:12 19:53	68	06:53 (8) 08:01 (8)	23	05:47 20:30	
31	07:10 17:27		06:54 19:26			05:47 20:19	20	05:47 20:30	
Ore potenziali eliofania	307	302	370	394		439		441	
Totale, caso peggiore				1512		1544		27	

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: Analisi Ombreggiamento Recettore d'ombra: Q - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (260)
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	05:47	06:09	07:06 (8) 06:35	07:05 (8) 07:00	06:29	07:00
	20:30	20:14	59 08:05 (8) 19:36	51 07:56 (8) 18:50	17:08	16:48
2	05:48	06:09	07:06 (8) 06:36	07:07 (8) 07:01	06:30	07:01
	20:30	20:13	59 08:05 (8) 19:34	48 07:55 (8) 18:48	17:07	16:47
3	05:48	06:10	07:05 (8) 06:36	07:08 (8) 07:02	06:31	07:02
	20:30	20:12	61 08:06 (8) 19:33	45 07:53 (8) 18:47	17:06	16:47
4	05:49	06:11	07:05 (8) 06:37	07:10 (8) 07:02	06:32	07:03
	20:30	20:11	62 08:07 (8) 19:31	41 07:51 (8) 18:45	17:05	16:47
5	05:49	06:12	07:04 (8) 06:38	07:11 (8) 07:03	06:33	07:04
	20:30	20:10	63 08:07 (8) 19:30	36 07:47 (8) 18:44	17:04	16:47
6	05:50	06:13	07:03 (8) 06:39	07:13 (8) 07:04	06:34	07:05
	20:29	20:09	64 08:07 (8) 19:28	32 07:45 (8) 18:42	17:03	16:47
7	05:50	06:14	07:03 (8) 06:40	07:17 (8) 07:05	06:35	07:05
	20:29	20:08	65 08:08 (8) 19:27	24 07:41 (8) 18:41	17:02	16:47
8	05:51	06:14	07:03 (8) 06:41	07:22 (8) 07:06	06:36	07:06
	20:29	20:07	65 08:08 (8) 19:25	14 07:36 (8) 18:39	17:01	16:47
9	05:52	06:15	07:03 (8) 06:41		07:07	06:37
	20:29	20:06	66 08:09 (8) 19:24		18:38	17:00
10	05:52	06:16	07:02 (8) 06:42		07:08	06:38
	20:28	7 07:37 (8) 20:05	67 08:09 (8) 19:22		18:37	16:59
11	05:53	07:27 (8) 06:17	07:01 (8) 06:43		07:09	06:39
	20:28	14 07:41 (8) 20:03	67 08:08 (8) 19:21		18:35	16:58
12	05:53	07:26 (8) 06:18	07:01 (8) 06:44		07:10	06:40
	20:28	18 07:44 (8) 20:02	68 08:09 (8) 19:19		18:34	16:58
13	05:54	07:23 (8) 06:19	07:01 (8) 06:45		07:10	06:42
	20:27	22 07:45 (8) 20:01	68 08:09 (8) 19:18		18:32	16:57
14	05:55	07:22 (8) 06:20	07:01 (8) 06:45		07:11	06:43
	20:27	25 07:47 (8) 20:00	68 08:09 (8) 19:16		18:31	16:56
15	05:55	07:20 (8) 06:20	07:01 (8) 06:46		07:12	06:44
	20:26	28 07:48 (8) 19:59	68 08:09 (8) 19:14		18:29	16:55
16	05:56	07:19 (8) 06:21	07:00 (8) 06:47		07:13	06:45
	20:26	31 07:50 (8) 19:57	68 08:08 (8) 19:13		18:28	16:55
17	05:57	07:19 (8) 06:22	07:00 (8) 06:48		07:14	06:46
	20:25	32 07:51 (8) 19:56	68 08:08 (8) 19:11		18:27	16:54
18	05:58	07:18 (8) 06:23	07:00 (8) 06:49		07:15	06:47
	20:25	35 07:53 (8) 19:55	68 08:08 (8) 19:10		18:25	16:53
19	05:58	07:16 (8) 06:24	07:00 (8) 06:50		07:16	06:48
	20:24	37 07:53 (8) 19:54	68 08:08 (8) 19:08		18:24	16:53
20	05:59	07:15 (8) 06:25	07:01 (8) 06:50		07:17	06:49
	20:23	40 07:55 (8) 19:52	67 08:08 (8) 19:07		18:23	16:52
21	06:00	07:15 (8) 06:25	07:00 (8) 06:51		07:18	06:50
	20:23	41 07:56 (8) 19:51	67 08:07 (8) 19:05		18:21	16:51
22	06:01	07:13 (8) 06:26	07:00 (8) 06:52		07:19	06:51
	20:22	43 07:56 (8) 19:50	66 08:06 (8) 19:04		18:20	16:51
23	06:01	07:12 (8) 06:27	07:01 (8) 06:53		07:20	06:52
	20:21	46 07:58 (8) 19:48	65 08:06 (8) 19:02		18:19	16:50
24	06:02	07:12 (8) 06:28	07:01 (8) 06:54		07:21	06:53
	20:21	47 07:59 (8) 19:47	65 08:06 (8) 19:01		18:18	16:50
25	06:03	07:11 (8) 06:29	07:01 (8) 06:55		06:22	06:54
	20:20	49 08:00 (8) 19:46	64 08:05 (8) 18:59		17:16	16:50
26	06:04	07:11 (8) 06:30	07:02 (8) 06:55		06:23	06:55
	20:19	50 08:01 (8) 19:44	62 08:04 (8) 18:58		17:15	16:49
27	06:04	07:09 (8) 06:31	07:02 (8) 06:56		06:24	06:56
	20:18	52 08:01 (8) 19:43	61 08:03 (8) 18:56		17:14	16:49
28	06:05	07:09 (8) 06:31	07:02 (8) 06:57		06:25	06:57
	20:18	53 08:02 (8) 19:41	60 08:02 (8) 18:54		17:13	16:48
29	06:06	07:08 (8) 06:32	07:03 (8) 06:58		06:26	06:58
	20:17	55 08:03 (8) 19:40	58 08:01 (8) 18:53		17:12	16:48
30	06:07	07:08 (8) 06:33	07:04 (8) 06:59		06:27	06:59
	20:16	56 08:04 (8) 19:38	56 08:00 (8) 18:51		17:10	16:48
31	06:08	07:06 (8) 06:34	07:04 (8)		06:28	07:19
	20:15	58 08:04 (8) 19:37	54 07:58 (8)		17:09	16:56
Ore potenziali eliofanìa	448	421	373	349	306	299
Totale, caso peggiore	839	1987	291			

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: Analisi Ombreggiamento Recettore d'ombra: R - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (261)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:47
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:44 20:23	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:03	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:53 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	06:22 17:16	06:54 16:50	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:57	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:04 20:18	06:30 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:48	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: S - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (262)
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

Table with columns for months (Gennaio to Dicembre) and rows for days, showing start and end times of shadowing and potential hours.

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: Analisi Ombreggiamento Recettore d'ombra: T - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (263)
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	07:20 16:57	07:40 (4) 08:09 (4)	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:41 (4) 08:11 (4)	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:47
3	07:20 16:59	07:41 (4) 08:11 (4)	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:41 (4) 08:11 (4)	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:41 (4) 08:12 (4)	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:41 (4) 08:12 (4)	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:02	07:41 (4) 08:13 (4)	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:44 20:24	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:40 (4) 08:12 (4)	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:40 (4) 08:12 (4)	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:40 (4) 08:13 (4)	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:40 (4) 08:13 (4)	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	07:40 (4) 08:13 (4)	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:10 16:47
13	07:19 17:08	07:39 (4) 08:13 (4)	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	07:39 (4) 08:13 (4)	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	07:39 (4) 08:13 (4)	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	07:38 (4) 08:13 (4)	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:13 16:48
17	07:18 17:12	07:39 (4) 08:13 (4)	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:14 16:49
18	07:18 17:13	07:41 (4) 08:13 (4)	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:15 16:49
19	07:18 17:14	07:41 (4) 08:12 (4)	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:16 16:49
20	07:17 17:15	07:43 (4) 08:12 (4)	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:17 16:49
21	07:17 17:16	07:44 (4) 08:11 (4)	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:18 16:49
22	07:16 17:18	07:45 (4) 08:10 (4)	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:19 16:49
23	07:16 17:19	07:47 (4) 08:09 (4)	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:20 16:49
24	07:15 17:20	07:48 (4) 08:07 (4)	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:21 16:49
25	07:14 17:21	07:51 (4) 08:06 (4)	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:46	06:55 18:59	07:22 18:16	06:54 16:50	07:22 16:49
26	07:14 17:22	07:55 (4) 08:03 (4)	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:58	07:23 17:15	06:55 16:49	07:23 16:49
27	07:13 17:23		06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:04 20:18	06:31 19:43	06:56 18:56	07:24 17:14	06:56 16:49	07:24 16:49
28	07:12 17:24		06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:48	07:25 16:49
29	07:12 17:25			06:14 19:24	05:48 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	07:26 17:12	06:58 16:48	07:26 16:49
30	07:11 17:26			06:12 19:25	05:47 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	07:27 17:10	06:59 16:48	07:27 16:49
31	07:10 17:27			06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofanía	307		302	394	439	441	448	421	373	349	306	414	299
Totale, caso peggiore	755												909

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: Analisi Ombreggiamento Recettore d'ombra: U - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (264)
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	07:20 16:57	07:40 (4) 08:05 (4)	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:41 (4) 08:07 (4)	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:47
3	07:20 16:59	07:41 (4) 08:07 (4)	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:41 (4) 08:08 (4)	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:41 (4) 08:08 (4)	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:41 (4) 08:09 (4)	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:02	07:41 (4) 08:09 (4)	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:44 20:24	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:40 (4) 08:09 (4)	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:40 (4) 08:09 (4)	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:40 (4) 08:10 (4)	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:40 (4) 08:11 (4)	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	07:40 (4) 08:11 (4)	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:10 16:47
13	07:19 17:08	07:39 (4) 08:11 (4)	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	07:39 (4) 08:11 (4)	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	07:39 (4) 08:12 (4)	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	07:38 (4) 08:11 (4)	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	07:38 (4) 08:12 (4)	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	07:38 (4) 08:12 (4)	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:18 17:14	07:37 (4) 08:12 (4)	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:49
20	07:17 17:15	07:37 (4) 08:12 (4)	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	07:36 (4) 08:12 (4)	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:18	07:35 (4) 08:11 (4)	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	07:36 (4) 08:11 (4)	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	07:37 (4) 08:10 (4)	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	07:39 (4) 08:11 (4)	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	07:22 18:16	06:54 16:50	07:17 16:52
26	07:14 17:22	07:39 (4) 08:10 (4)	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:58	07:23 17:15	06:55 16:49	07:17 16:53
27	07:13 17:23	07:40 (4) 08:08 (4)	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:04 20:18	06:31 19:43	06:56 18:56	07:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	07:42 (4) 08:07 (4)	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:48	07:19 16:54
29	07:12 17:25	07:44 (4) 08:06 (4)	06:39 19:24	05:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	07:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26	07:46 (4) 08:05 (4)	06:55 19:25	06:12 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	07:27 17:10	06:59 16:48	07:21 16:56
31	07:10 17:27	07:49 (4) 08:02 (4)	06:54 19:26	06:11 19:26	06:11 19:26	05:47 20:19	05:47 20:15	06:08 19:37	06:34 19:37	06:59 18:51	07:28 17:09	06:59 16:48	07:22 16:56
Ore potenziali eliofania	307		302	370	394	439	441	448	421	373	349	306	299
Totale, caso peggiore	915										612		785

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: Analisi Ombreggiamento Recettore d'ombra: V - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (265)
Assunzioni sui calcoli d'ombra

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

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	
1	07:20	07:40 (4) 07:09	07:28 (4) 06:38	06:52	06:11	05:46	
	16:57	3 07:43 (4) 17:28	39 08:07 (4) 17:58	19:27	19:54	20:20	
2	07:20	07:41 (4) 07:09	07:27 (4) 06:36	06:51	06:10	05:46	
	16:58	4 07:45 (4) 17:30	39 08:06 (4) 17:59	19:28	19:55	20:20	
3	07:20	07:41 (4) 07:08	07:26 (4) 06:35	06:49	06:09	05:46	
	16:59	5 07:46 (4) 17:31	40 08:06 (4) 18:00	19:29	19:56	20:21	
4	07:20	07:41 (4) 07:07	07:26 (4) 06:34	06:48	06:08	05:45	
	17:00	7 07:48 (4) 17:32	41 08:07 (4) 18:01	19:30	19:57	20:22	
5	07:20	07:41 (4) 07:06	07:25 (4) 06:32	06:46	06:07	05:45	
	17:01	8 07:49 (4) 17:33	41 08:06 (4) 18:02	19:31	19:58	20:22	
6	07:20	07:41 (4) 07:05	07:24 (4) 06:31	06:45	06:06	05:45	
	17:02	9 07:50 (4) 17:34	42 08:06 (4) 18:03	19:32	19:59	20:23	
7	07:20	07:41 (4) 07:04	07:25 (4) 06:29	06:43	06:05	05:44	
	17:02	10 07:51 (4) 17:35	40 08:05 (4) 18:04	19:32	19:59	20:24	
8	07:20	07:40 (4) 07:03	07:25 (4) 06:28	06:42	06:04	05:44	
	17:03	11 07:51 (4) 17:36	39 08:04 (4) 18:05	19:33	20:00	20:24	
9	07:20	07:40 (4) 07:02	07:27 (4) 06:27	06:40	06:03	05:44	
	17:04	12 07:52 (4) 17:37	37 08:04 (4) 18:06	19:34	20:01	20:25	
10	07:20	07:40 (4) 07:01	07:28 (4) 06:25	06:39	06:02	05:44	
	17:05	14 07:54 (4) 17:38	35 08:03 (4) 18:07	19:35	20:02	20:25	
11	07:20	07:40 (4) 07:00	07:28 (4) 06:24	06:38	06:01	05:44	
	17:06	15 07:55 (4) 17:39	32 08:00 (4) 18:08	19:36	20:03	20:26	
12	07:20	07:40 (4) 06:59	07:30 (4) 06:22	06:36	06:00	05:44	
	17:07	16 07:56 (4) 17:41	29 07:59 (4) 18:09	19:37	20:04	20:26	
13	07:19	07:39 (4) 06:58	07:32 (4) 06:21	06:35	05:59	05:44	
	17:08	18 07:57 (4) 17:42	25 07:57 (4) 18:10	19:38	20:05	20:27	
14	07:19	07:39 (4) 06:57	07:34 (4) 06:19	06:33	05:58	05:44	
	17:09	19 07:58 (4) 17:43	21 07:55 (4) 18:11	19:39	20:06	20:27	
15	07:19	07:39 (4) 06:56	07:38 (4) 06:18	06:32	05:57	05:44	
	17:10	20 07:59 (4) 17:44	14 07:52 (4) 18:12	19:40	20:07	20:27	
16	07:19	07:38 (4) 06:54		06:16	06:31	05:56	05:44
	17:11	21 07:59 (4) 17:45		18:13	19:41	20:07	20:28
17	07:18	07:38 (4) 06:53		06:15	06:29	05:55	05:44
	17:12	23 08:01 (4) 17:46		18:13	19:41	20:08	20:28
18	07:18	07:38 (4) 06:52		06:13	06:28	05:55	05:44
	17:13	24 08:02 (4) 17:47		18:14	19:42	20:09	20:28
19	07:18	07:37 (4) 06:51		06:12	06:26	05:54	05:44
	17:14	25 08:02 (4) 17:48		18:15	19:43	20:10	20:29
20	07:17	07:37 (4) 06:50		06:10	06:25	05:53	05:44
	17:15	26 08:03 (4) 17:49		18:16	19:44	20:11	20:29
21	07:17	07:36 (4) 06:48		06:09	06:24	05:52	05:44
	17:16	27 08:03 (4) 17:50		18:17	19:45	20:12	20:29
22	07:16	07:35 (4) 06:47		06:07	06:22	05:52	05:45
	17:18	29 08:04 (4) 17:51		18:18	19:46	20:12	20:29
23	07:16	07:35 (4) 06:46		06:06	06:21	05:51	05:45
	17:19	30 08:05 (4) 17:52		18:19	19:47	20:13	20:30
24	07:15	07:34 (4) 06:45		06:04	06:20	05:50	05:45
	17:20	31 08:05 (4) 17:53		18:20	19:48	20:14	20:30
25	07:14	07:34 (4) 06:43		06:03	06:19	05:50	05:45
	17:21	32 08:06 (4) 17:54		18:21	19:49	20:15	20:30
26	07:14	07:33 (4) 06:42		06:01	06:17	05:49	05:46
	17:22	33 08:06 (4) 17:55		18:22	19:50	20:15	20:30
27	07:13	07:32 (4) 06:41		06:00	06:16	05:49	05:46
	17:23	34 08:06 (4) 17:56		18:23	19:50	20:16	20:30
28	07:12	07:31 (4) 06:39		05:58	06:15	05:48	05:46
	17:24	35 08:06 (4) 17:57		18:23	19:51	20:17	20:30
29	07:12	07:31 (4)		06:57	06:14	05:48	05:47
	17:25	36 08:07 (4)		19:24	19:52	20:18	20:30
30	07:11	07:30 (4)		06:55	06:12	05:47	05:47
	17:26	37 08:07 (4)		19:25	19:53	20:18	20:30
31	07:10	07:29 (4)		06:54		05:47	
	17:27	38 08:07 (4)		19:26		20:19	
Ore potenziali eliofanìa	307			370	394	439	441
Totale, caso peggiore	652	302	514				

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: Analisi Ombreggiamento Recettore d'ombra: V - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (265)
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	05:47 20:30	06:09 20:14	06:35 19:36	07:00 18:50		06:29 17:08	36	06:56 (4) 07:32 (4)	07:00 16:48	15	07:22 (4) 07:37 (4)
2	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48		06:30 17:07	38	06:55 (4) 07:33 (4)	07:01 16:47	14	07:23 (4) 07:37 (4)
3	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47		06:31 17:06	39	06:54 (4) 07:33 (4)	07:02 16:47	13	07:24 (4) 07:37 (4)
4	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45		06:32 17:05	41	06:53 (4) 07:34 (4)	07:03 16:47	11	07:25 (4) 07:36 (4)
5	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44		06:33 17:04	42	06:54 (4) 07:36 (4)	07:04 16:47	10	07:26 (4) 07:36 (4)
6	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42		06:34 17:03	41	06:55 (4) 07:36 (4)	07:05 16:47	9	07:27 (4) 07:36 (4)
7	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41		06:35 17:02	41	06:56 (4) 07:37 (4)	07:05 16:47	8	07:27 (4) 07:35 (4)
8	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39		06:36 17:01	40	06:57 (4) 07:37 (4)	07:06 16:47	7	07:28 (4) 07:35 (4)
9	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38		06:37 17:00	39	06:58 (4) 07:37 (4)	07:07 16:47	5	07:29 (4) 07:34 (4)
10	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37		06:38 16:59	39	06:59 (4) 07:38 (4)	07:08 16:47	4	07:30 (4) 07:34 (4)
11	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35		06:39 16:58	38	07:00 (4) 07:38 (4)	07:09 16:47	3	07:31 (4) 07:34 (4)
12	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34		06:40 16:58	37	07:01 (4) 07:38 (4)	07:10 16:47	2	07:31 (4) 07:33 (4)
13	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32		06:42 16:57	36	07:03 (4) 07:39 (4)	07:10 16:48	1	07:32 (4) 07:33 (4)
14	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31		06:43 16:56	35	07:04 (4) 07:39 (4)	07:11 16:48		
15	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29		06:44 16:55	34	07:05 (4) 07:39 (4)	07:12 16:48		
16	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28		06:45 16:55	33	07:06 (4) 07:39 (4)	07:12 16:48		
17	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27		06:46 16:54	32	07:07 (4) 07:39 (4)	07:13 16:49		
18	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25		06:47 16:53	31	07:08 (4) 07:39 (4)	07:14 16:49		
19	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24		06:48 16:53	30	07:09 (4) 07:39 (4)	07:14 16:49		
20	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23		06:49 16:52	29	07:10 (4) 07:39 (4)	07:15 16:50		
21	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21		06:50 16:51	27	07:12 (4) 07:39 (4)	07:15 16:50		
22	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20		06:51 16:51	26	07:13 (4) 07:39 (4)	07:16 16:51		
23	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19		06:52 16:50	25	07:14 (4) 07:39 (4)	07:16 16:51		
24	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18		06:53 16:50	24	07:15 (4) 07:39 (4)	07:17 16:52		
25	06:03 20:20	06:29 19:45	06:55 18:59	07:22 17:16		06:54 16:50	23	07:16 (4) 07:39 (4)	07:17 16:52		
26	06:04 20:19	06:30 19:44	06:55 18:57	07:23 17:15	5	07:12 (4) 07:17 (4)	21	07:17 (4) 07:38 (4)	07:18 16:53		
27	06:04 20:18	06:31 19:43	06:56 18:56	07:24 17:14	17	07:06 (4) 07:23 (4)	20	07:18 (4) 07:38 (4)	07:18 16:54		
28	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	22	07:03 (4) 07:25 (4)	19	07:19 (4) 07:38 (4)	07:18 16:54		
29	06:06 20:17	06:32 19:40	06:58 18:53	07:26 17:12	26	07:01 (4) 07:27 (4)	18	07:20 (4) 07:38 (4)	07:19 16:55		
30	06:07 20:16	06:33 19:38	06:59 18:51	07:27 17:10	30	06:59 (4) 07:29 (4)	16	07:21 (4) 07:37 (4)	07:19 16:56	1	07:40 (4) 07:41 (4)
31	06:08 20:15	06:34 19:37		07:28 17:09	32	06:58 (4) 07:30 (4)			07:19 16:56	2	07:40 (4) 07:42 (4)
Ore potenziali eliofanìa	448	421	373	349		306			299		
Totale, caso peggiore				132		950			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: Analisi Ombreggiamento Recettore d'ombra: W - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (266)
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	07:20 16:57	07:54 (4) 08:41 (4)	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:09 19:36	06:35 18:50	07:00 17:08	06:29 17:08	07:00 16:48
2	07:20 16:58	07:55 (4) 08:42 (4)	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 19:34	06:36 18:48	07:01 17:07	06:30 17:07	07:01 16:47
3	07:20 16:59	07:56 (4) 08:42 (4)	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 19:33	06:36 18:47	07:01 17:06	06:31 17:06	07:02 16:47
4	07:20 17:00	07:57 (4) 08:43 (4)	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 19:31	06:37 18:45	07:02 17:05	06:32 17:05	07:03 16:47
5	07:20 17:01	07:57 (4) 08:43 (4)	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 19:30	06:38 18:44	07:03 17:04	06:33 17:04	07:04 16:47
6	07:20 17:02	07:58 (4) 08:43 (4)	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 18:42	07:04 17:03	06:34 17:03	07:05 16:47
7	07:20 17:02	07:59 (4) 08:43 (4)	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:44 20:23	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:59 (4) 08:41 (4)	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	08:01 (4) 08:41 (4)	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	08:02 (4) 08:41 (4)	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	08:03 (4) 08:41 (4)	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	08:05 (4) 08:41 (4)	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:53 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:47
13	07:19 17:08	08:05 (4) 08:40 (4)	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	08:07 (4) 08:39 (4)	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	08:09 (4) 08:39 (4)	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	08:10 (4) 08:37 (4)	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	08:12 (4) 08:36 (4)	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	08:15 (4) 08:34 (4)	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	08:18 (4) 08:31 (4)	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:49
20	07:17 17:15	08:18 (4) 17:49	06:50 18:16	06:10 19:44	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	08:18 (4) 17:50	06:48 18:17	06:09 19:45	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:18	08:18 (4) 17:51	06:47 18:18	06:07 19:46	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	08:18 (4) 17:52	06:46 18:19	06:06 19:47	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	08:18 (4) 17:53	06:45 18:20	06:04 19:48	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:50
25	07:14 17:21	08:18 (4) 17:54	06:43 18:21	06:03 19:49	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	07:22 17:16	06:54 16:50	07:17 16:50
26	07:14 17:22	08:18 (4) 17:55	06:42 18:22	06:01 19:50	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:57	07:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	08:18 (4) 17:56	06:41 18:23	06:00 19:50	06:16 19:50	05:49 20:16	05:46 20:30	06:04 20:18	06:30 19:43	06:56 18:56	07:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	08:18 (4) 17:57	06:39 18:23	05:58 19:51	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:48	07:18 16:54
29	07:12 17:25	08:18 (4) 17:57	06:39 18:23	05:58 19:51	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:48	07:18 16:54
30	07:11 17:26	08:18 (4) 17:57	06:39 18:23	05:58 19:51	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:48	07:18 16:54
31	07:10 17:27	08:18 (4) 17:57	06:39 18:23	05:58 19:51	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:48	07:18 16:54
Ore potenziali eliofanía	307		302	370	394	439	441	448	421	373	349	306	299
Totale, caso peggiore	696										216		1472

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: Analisi Ombreggiamento Recettore d'ombra: X - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (267)
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	07:20 16:57	07:09 17:28	06:38 17:58		06:52 19:27	65	07:10 (4) 08:15 (4)	06:11 19:54	05:46 20:20
2	07:20 16:58	07:09 17:30	06:36 17:59		06:51 19:28	66	07:08 (4) 08:14 (4)	06:10 19:55	05:46 20:20
3	07:20 16:59	07:08 17:31	06:35 18:00		06:49 19:29	67	07:07 (4) 08:14 (4)	06:09 19:56	05:46 20:21
4	07:20 17:00	07:07 17:32	06:34 18:01		06:48 19:30	68	07:05 (4) 08:13 (4)	06:08 19:57	05:45 20:22
5	07:20 17:01	07:06 17:33	06:32 18:02		06:46 19:31	69	07:04 (4) 08:13 (4)	06:07 19:58	05:45 20:22
6	07:20 17:02	07:05 17:34	06:31 18:03		06:45 19:32	68	07:04 (4) 08:12 (4)	06:06 19:59	05:45 20:23
7	07:20 17:02	07:04 17:35	06:29 18:04		06:43 19:32	67	07:04 (4) 08:11 (4)	06:05 19:59	05:44 20:23
8	07:20 17:03	07:03 17:36	06:28 18:05		06:42 19:33	66	07:04 (4) 08:10 (4)	06:04 20:00	05:44 20:24
9	07:20 17:04	07:02 17:37	06:27 18:06	7	06:44 (4) 06:51 (4)	64	07:05 (4) 08:09 (4)	06:03 20:01	05:44 20:25
10	07:20 17:05	07:01 17:38	06:25 18:07	15	06:43 (4) 06:58 (4)	63	07:06 (4) 08:09 (4)	06:02 20:02	05:44 20:25
11	07:20 17:06	07:00 17:39	06:24 18:08	20	06:41 (4) 07:01 (4)	62	07:05 (4) 08:07 (4)	06:01 20:03	05:44 20:26
12	07:20 17:07	06:59 17:41	06:22 18:09	24	06:40 (4) 07:04 (4)	60	07:06 (4) 08:06 (4)	06:00 20:04	05:44 20:26
13	07:19 17:08	06:58 17:42	06:21 18:10	28	06:39 (4) 07:07 (4)	59	07:06 (4) 08:05 (4)	05:59 20:05	05:44 20:26
14	07:19 17:09	06:57 17:43	06:19 18:11	31	06:37 (4) 07:08 (4)	57	07:07 (4) 08:04 (4)	05:58 20:06	05:44 20:27
15	07:19 17:10	06:56 17:44	06:18 18:12	34	06:36 (4) 07:10 (4)	54	07:09 (4) 08:03 (4)	05:57 20:06	05:44 20:27
16	07:19 17:11	06:54 17:45	06:16 18:13	37	06:34 (4) 07:11 (4)	51	07:09 (4) 08:00 (4)	05:56 20:07	05:44 20:28
17	07:18 17:12	06:53 17:46	06:15 18:13	40	06:33 (4) 07:13 (4)	49	07:10 (4) 07:59 (4)	05:55 20:08	05:44 20:28
18	07:18 17:13	06:52 17:47	06:13 18:14	42	06:31 (4) 07:13 (4)	46	07:12 (4) 07:58 (4)	05:55 20:09	05:44 20:28
19	07:17 17:14	06:51 17:48	06:12 18:15	45	06:29 (4) 07:14 (4)	42	07:13 (4) 07:55 (4)	05:54 20:10	05:44 20:29
20	07:17 17:15	06:50 17:49	06:10 18:16	47	06:28 (4) 07:15 (4)	39	07:15 (4) 07:54 (4)	05:53 20:11	05:44 20:29
21	07:17 17:16	06:48 17:50	06:09 18:17	49	06:26 (4) 07:15 (4)	34	07:17 (4) 07:51 (4)	05:52 20:12	05:44 20:29
22	07:16 17:18	06:47 17:51	06:07 18:18	51	06:25 (4) 07:16 (4)	30	07:18 (4) 07:48 (4)	05:52 20:12	05:45 20:29
23	07:16 17:19	06:46 17:52	06:06 18:19	53	06:23 (4) 07:16 (4)	24	07:21 (4) 07:45 (4)	05:51 20:13	05:45 20:30
24	07:15 17:20	06:45 17:53	06:04 18:20	54	06:22 (4) 07:16 (4)	15	07:26 (4) 07:41 (4)	05:50 20:14	05:45 20:30
25	07:14 17:21	06:43 17:54	06:03 18:21	56	06:20 (4) 07:16 (4)			05:50 20:15	05:45 20:30
26	07:14 17:22	06:42 17:55	06:01 18:22	58	06:19 (4) 07:17 (4)			05:49 20:15	05:46 20:30
27	07:13 17:23	06:41 17:56	06:00 18:23	59	06:17 (4) 07:16 (4)			05:49 20:16	05:46 20:30
28	07:12 17:24	06:39 17:57	05:58 18:23	60	06:16 (4) 07:16 (4)			05:48 20:17	05:46 20:30
29	07:12 17:25		06:57 19:24	62	07:14 (4) 08:16 (4)			05:48 20:18	05:47 20:30
30	07:11 17:26		06:55 19:25	63	07:13 (4) 08:16 (4)			05:47 20:18	05:47 20:30
31	07:10 17:27		06:54 19:26	64	07:11 (4) 08:15 (4)			05:47 20:19	
Ore potenziali eliofanìa	307	302	370		394		439	441	
Totale, caso peggiore			999		1285				

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: Analisi Ombreggiamento Recettore d'ombra: X - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (267)
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	05:47 20:30	06:09 20:14	06:35 19:36	07:04 (4) 18:50	07:00 18:50	07:19 (4) 17:08
2	05:48 20:30	06:09 20:13	06:36 19:34	07:04 (4) 18:48	07:01 18:48	07:19 (4) 17:07
3	05:48 20:30	06:10 20:12	06:36 19:33	07:03 (4) 18:47	07:01 18:47	07:20 (4) 17:06
4	05:49 20:30	06:11 20:11	06:37 19:31	07:02 (4) 18:45	07:02 18:45	07:21 (4) 17:05
5	05:49 20:30	06:12 20:10	06:38 19:30	07:01 (4) 18:44	07:03 18:44	07:32 (4) 17:04
6	05:50 20:29	06:13 20:09	06:39 19:28	07:00 (4) 18:42	07:04 18:42	06:33 17:03
7	05:50 20:29	06:14 20:08	06:40 19:27	07:00 (4) 18:41	07:05 18:41	06:35 17:02
8	05:51 20:29	06:14 20:07	06:40 19:25	07:00 (4) 18:39	07:06 18:39	06:36 17:01
9	05:52 20:29	06:15 20:06	06:41 19:24	07:01 (4) 18:38	07:07 18:38	06:37 17:00
10	05:52 20:28	06:16 20:05	06:42 19:22	07:01 (4) 18:37	07:08 18:37	06:38 16:59
11	05:53 20:28	06:17 20:03	06:43 19:21	07:02 (4) 18:35	07:09 18:35	06:39 16:58
12	05:54 20:28	06:18 20:02	06:44 19:19	07:03 (4) 18:34	07:10 18:34	06:40 16:58
13	05:54 20:27	06:19 20:01	06:45 19:18	07:04 (4) 18:32	07:10 18:32	06:41 16:57
14	05:55 20:27	06:20 20:00	06:45 19:16	07:05 (4) 18:31	07:11 18:31	06:43 16:56
15	05:55 20:26	06:20 19:59	06:46 19:14	07:05 (4) 18:29	07:12 18:29	06:44 16:55
16	05:56 20:26	06:21 19:57	06:47 19:13	07:06 (4) 18:28	07:13 18:28	06:45 16:55
17	05:57 20:25	06:22 19:56	06:48 19:11	07:07 (4) 18:27	07:14 18:27	06:46 16:54
18	05:58 20:25	06:23 19:55	06:49 19:10	07:08 (4) 18:25	07:15 18:25	06:47 16:53
19	05:58 20:24	06:24 19:54	07:30 (4) 19:08	06:50 18:24	07:16 18:24	06:48 16:53
20	05:59 20:23	06:25 19:52	07:27 (4) 19:07	06:50 18:23	07:17 18:23	06:49 16:52
21	06:00 20:23	06:25 19:51	07:23 (4) 19:05	06:51 18:21	07:18 18:21	06:50 16:51
22	06:01 20:22	06:26 19:50	07:20 (4) 19:04	06:52 18:20	07:19 18:20	06:51 16:51
23	06:01 20:21	06:27 19:48	07:18 (4) 19:02	06:53 18:19	07:20 18:19	06:52 16:51
24	06:02 20:21	06:28 19:47	07:16 (4) 19:01	06:54 18:18	07:21 18:18	06:53 16:50
25	06:03 20:20	06:29 19:45	07:15 (4) 18:59	06:55 18:17	06:22 17:16	06:54 16:50
26	06:04 20:19	06:30 19:44	07:13 (4) 18:57	06:55 18:15	06:23 17:15	06:55 16:49
27	06:04 20:18	06:31 19:43	07:11 (4) 18:56	06:56 18:14	06:24 17:14	06:56 16:49
28	06:05 20:18	06:31 19:41	07:09 (4) 18:54	06:57 18:13	06:25 17:13	06:57 16:48
29	06:06 20:17	06:32 19:40	07:08 (4) 18:53	06:58 18:12	06:26 17:12	06:58 16:48
30	06:07 20:16	06:33 19:38	07:07 (4) 18:51	06:59 18:11	06:27 17:10	06:59 16:48
31	06:08 20:15	06:34 19:37	07:05 (4) 18:05	06:59 17:09	06:28 17:09	06:59 16:56
Ore potenziali eliofanìa	448	421	373	349	306	299
Totale, caso peggiore		568	1664	76		

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: Analisi Ombreggiamento Recettore d'ombra: Y - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (268)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	07:10 (4) 08:04 (4)	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	06:54 (4) 07:59 (4)	07:00 18:50	06:29 17:08
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	07:08 (4) 08:03 (4)	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	06:55 (4) 07:59 (4)	07:01 18:48	06:30 17:07
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	07:07 (4) 08:04 (4)	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	06:56 (4) 07:59 (4)	07:01 18:47	06:31 17:06
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	07:05 (4) 08:03 (4)	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	06:57 (4) 07:59 (4)	07:02 18:45	06:32 17:05
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	07:04 (4) 08:03 (4)	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	06:57 (4) 07:58 (4)	07:03 18:44	06:33 17:04
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	07:02 (4) 08:02 (4)	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	06:58 (4) 07:58 (4)	07:04 18:42	06:34 17:03
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	07:01 (4) 08:02 (4)	06:05 19:59	05:44 20:23	05:51 20:29	06:14 20:08	06:40 19:27	06:59 (4) 07:58 (4)	07:05 18:41	06:35 17:02
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:59 (4) 08:01 (4)	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:00 (4) 07:58 (4)	07:06 18:39	06:36 17:01
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:58 (4) 08:01 (4)	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:01 (4) 07:58 (4)	07:07 18:38	06:37 17:00
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:57 (4) 08:01 (4)	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:01 (4) 07:56 (4)	07:08 18:37	06:38 16:59
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	06:55 (4) 08:00 (4)	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:02 (4) 07:56 (4)	07:09 18:35	06:39 16:58
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:55 (4) 07:59 (4)	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:03 (4) 07:56 (4)	07:10 18:34	06:40 16:58
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	06:54 (4) 07:58 (4)	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:18	07:04 (4) 07:55 (4)	07:10 18:32	06:41 16:57
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	06:55 (4) 07:57 (4)	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:05 (4) 07:54 (4)	07:11 18:31	06:43 16:56
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	06:56 (4) 07:57 (4)	05:57 20:06	05:44 20:27	05:55 20:26	06:20 19:59	06:45 27	07:05 (4) 07:44 (4)	07:12 18:29	06:44 16:55
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	06:54 (4) 07:55 (4)	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:46 31	07:06 (4) 07:45 (4)	07:13 18:28	06:45 16:55
17	07:18 17:12	06:53 17:46	06:15 18:13	06:30 19:41	06:53 (4) 07:55 (4)	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:47 35	07:07 (4) 07:47 (4)	07:14 18:27	06:46 16:54
18	07:18 17:13	06:52 17:47	06:13 18:14	06:30 19:42	06:52 (4) 07:54 (4)	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 39	07:08 (4) 07:49 (4)	07:15 18:25	06:47 16:53
19	07:17 17:14	06:51 17:48	06:12 18:15	06:29 19:43	06:51 (4) 07:52 (4)	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 43	07:09 (4) 07:51 (4)	07:16 18:24	06:48 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:28 19:44	06:50 (4) 07:51 (4)	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 45	07:09 (4) 07:52 (4)	07:17 18:23	06:49 16:52
21	07:17 17:16	06:48 17:50	06:09 18:17	06:26 19:45	06:50 (4) 07:50 (4)	05:52 20:12	05:44 20:29	06:00 20:23	06:25 19:51	06:51 49	07:10 (4) 07:53 (4)	07:18 18:21	06:50 16:51
22	07:16 17:18	06:47 17:51	06:07 18:18	06:25 19:46	06:50 (4) 07:48 (4)	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 51	07:11 (4) 07:54 (4)	07:19 18:20	06:51 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:23 19:47	06:50 (4) 07:46 (4)	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 53	07:12 (4) 07:55 (4)	07:20 18:19	06:52 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:22 19:48	06:50 (4) 07:45 (4)	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 55	07:13 (4) 07:56 (4)	07:21 18:18	06:53 16:50
25	07:14 17:21	06:43 17:54	06:03 18:21	06:20 19:49	06:50 (4) 07:43 (4)	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 57	07:14 (4) 07:57 (4)	07:22 17:16	06:54 16:50
26	07:14 17:22	06:42 17:55	06:01 18:22	06:19 19:50	06:50 (4) 07:40 (4)	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:56 58	07:14 (4) 07:57 (4)	07:23 17:15	06:55 16:49
27	07:13 17:23	06:41 17:56	06:00 18:23	06:17 19:50	06:50 (4) 07:38 (4)	05:49 20:16	05:46 20:30	06:04 20:18	06:31 19:43	06:57 60	07:15 (4) 07:57 (4)	07:24 17:14	06:56 16:49
28	07:12 17:24	06:39 17:57	05:58 18:23	06:16 19:51	06:50 (4) 07:35 (4)	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:58 62	07:16 (4) 07:58 (4)	07:25 17:13	06:57 16:48
29	07:12 17:25	06:37 19:24	05:57 18:24	06:14 19:52	06:50 (4) 08:03 (4)	05:48 19:52	05:47 20:30	06:06 20:17	06:32 19:40	06:59 62	07:17 (4) 07:58 (4)	07:26 17:12	06:58 16:55
30	07:11 17:26	06:35 19:25	05:55 18:25	06:12 19:53	06:50 (4) 08:04 (4)	05:47 19:53	05:47 20:30	06:07 20:16	06:33 19:38	06:59 64	07:18 (4) 07:59 (4)	07:27 18:51	06:59 16:56
31	07:10 17:27	06:34 19:26	05:54 18:26	06:11 19:53	06:50 (4) 08:03 (4)	05:47 20:19	05:47 20:15	06:08 20:15	06:34 19:37	06:59 64	07:19 (4) 07:58 (4)	07:28 17:09	07:19 16:56
Ore potenziali eliofanía	307	302	370	394	439	441	448	421	373	349	306	299	
Totale, caso peggiore			571	1527				883	1250				

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: Analisi Ombreggiamento Recettore d'ombra: Z - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (269)
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	07:20		08:15 (5)	07:09	06:38		06:52		07:10 (4)	06:11		05:46
	16:57	35	08:50 (5)	17:29	17:58		19:27	20	07:30 (4)	19:54		20:20
2	07:20		08:17 (5)	07:09	06:37		06:51		07:08 (4)	06:10		05:46
	16:58	34	08:51 (5)	17:30	17:59		19:28	21	07:29 (4)	19:55		20:20
3	07:20		08:17 (5)	07:08	06:35		06:49		07:07 (4)	06:09		05:46
	16:59	34	08:51 (5)	17:31	18:00		19:29	23	07:30 (4)	19:56		20:21
4	07:20		08:18 (5)	07:07	06:34		06:48		07:05 (4)	06:08		05:45
	17:00	33	08:51 (5)	17:32	18:01		19:30	24	07:29 (4)	19:57		20:22
5	07:20		08:19 (5)	07:06	06:32		06:46		07:04 (4)	06:07		05:45
	17:01	32	08:51 (5)	17:33	18:02		19:31	24	07:28 (4)	19:58		20:22
6	07:20		08:20 (5)	07:05	06:31		06:45		07:04 (4)	06:06		05:45
	17:02	30	08:50 (5)	17:34	18:03		19:32	23	07:27 (4)	19:59		20:23
7	07:20		08:21 (5)	07:04	06:29		06:43		07:05 (4)	06:05		05:45
	17:03	29	08:50 (5)	17:35	18:04		19:32	21	07:26 (4)	20:00		20:24
8	07:20		08:21 (5)	07:03	06:28		06:42		07:06 (4)	06:04		05:44
	17:03	28	08:49 (5)	17:36	18:05		19:33	19	07:25 (4)	20:00		20:24
9	07:20		08:23 (5)	07:02	06:27		06:40		07:07 (4)	06:03		05:44
	17:04	26	08:49 (5)	17:37	18:06		19:34	15	07:22 (4)	20:01		20:25
10	07:20		08:24 (5)	07:01	06:25		06:39		07:10 (4)	06:02		05:44
	17:05	25	08:49 (5)	17:38	18:07		19:35	10	07:20 (4)	20:02		20:25
11	07:20		08:26 (5)	07:00	06:24		06:38			06:01		05:44
	17:06	22	08:48 (5)	17:40	18:08		19:36			20:03		20:26
12	07:20		08:27 (5)	06:59	06:22		06:36			06:00		05:44
	17:07	21	08:48 (5)	17:41	18:09		19:37			20:04		20:26
13	07:19		08:29 (5)	06:58	06:21		06:35			05:59		05:44
	17:08	17	08:46 (5)	17:42	18:10		19:38			20:05		20:27
14	07:19		08:31 (5)	06:57	06:19		06:33			05:58		05:44
	17:09	13	08:44 (5)	17:43	18:11		19:39			20:06		20:27
15	07:19		08:35 (5)	06:56	06:18		06:32			05:57		05:44
	17:10	7	08:42 (5)	17:44	18:12		19:40			20:07		20:27
16	07:19			06:54	06:16		06:31			05:56		05:44
	17:11			17:45	18:13		19:41			20:07		20:28
17	07:18			06:53	06:15		06:29			05:55		05:44
	17:12			17:46	18:13		19:41			20:08		20:28
18	07:18			06:52	06:13		06:28			05:55		05:44
	17:13			17:47	18:14		19:42			20:09		20:28
19	07:18			06:51	06:12		06:26			05:54		05:44
	17:14			17:48	18:15		19:43			20:10		20:29
20	07:17			06:50	06:10		06:25			05:53		05:44
	17:15			17:49	18:16		19:44			20:11		20:29
21	07:17			06:48	06:09		06:24			05:52		05:44
	17:17			17:50	18:17		19:45			20:12		20:29
22	07:16			06:47	06:07		06:22			05:52		05:45
	17:18			17:51	18:18		19:46			20:12		20:29
23	07:16			06:46	06:06		06:21			05:51		05:45
	17:19			17:52	18:19		19:47			20:13		20:30
24	07:15			06:45	06:04		06:20			05:50		05:45
	17:20			17:53	18:20		19:48			20:14		20:30
25	07:14			06:43	06:03		06:19			05:50		05:45
	17:21			17:54	18:21		19:49			20:15		20:30
26	07:14			06:42	06:01		06:17			05:49		05:46
	17:22			17:55	18:22	6	06:25 (4)	19:50		20:15		20:30
27	07:13			06:41	06:00		06:17 (4)	06:16		05:49		05:46
	17:23			17:56	18:23	10	06:27 (4)	19:50		20:16		20:30
28	07:12			06:39	05:58		06:16 (4)	06:15		05:48		05:46
	17:24			17:57	18:23	12	06:28 (4)	19:51		20:17		20:30
29	07:12				06:57		07:14 (4)	06:14		05:48		05:47
	17:25				19:24	15	07:29 (4)	19:52		20:18		20:30
30	07:11				06:55		07:13 (4)	06:12		05:47		05:47
	17:26				19:25	17	07:30 (4)	19:53		20:18		20:30
31	07:10				06:54		07:11 (4)			05:47		
	17:27				19:26	19	07:30 (4)			20:19		
Ore potenziali eliofania	307			302			394			439		441
Totale, caso peggiore	386			79			200					

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: Analisi Ombreggiamento Recettore d'ombra: Z - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (269)
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	October	Novembre	Dicembre
1	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	05:48 20:30	06:09 20:13	06:36 19:34	07:08 (4) 18:48	06:30 17:07	07:01 16:48
3	05:48 20:30	06:10 20:12	06:36 19:33	07:05 (4) 18:47	06:31 17:06	07:02 16:47
4	05:49 20:30	06:11 20:11	06:37 19:31	07:03 (4) 18:45	06:32 17:05	07:03 16:47
5	05:49 20:30	06:12 20:10	06:38 19:30	07:01 (4) 18:44	06:33 17:04	07:04 16:47
6	05:50 20:29	06:13 20:09	06:39 19:28	07:00 (4) 18:42	06:34 17:03	07:05 16:47
7	05:51 20:29	06:14 20:08	06:40 19:27	06:59 (4) 18:41	06:35 17:02	07:05 16:47
8	05:51 20:29	06:14 20:07	06:41 19:25	07:00 (4) 18:39	06:36 17:01	07:06 16:47
9	05:52 20:29	06:15 20:06	06:41 19:24	07:01 (4) 18:38	06:37 17:00	07:07 16:47
10	05:52 20:28	06:16 20:05	06:42 19:22	07:01 (4) 18:37	06:38 16:59	07:08 16:47
11	05:53 20:28	06:17 20:03	06:43 19:21	07:02 (4) 18:35	06:39 16:59	07:09 16:47
12	05:54 20:28	06:18 20:02	06:44 19:19	07:03 (4) 18:34	06:40 16:58	07:10 16:47
13	05:54 20:27	06:19 20:01	06:45 19:18	07:04 (4) 18:32	06:42 16:57	07:10 16:48
14	05:55 20:27	06:20 20:00	06:45 19:16	07:05 (4) 18:31	06:43 16:56	07:11 16:48
15	05:56 20:26	06:20 19:59	06:46 19:14	07:05 (4) 18:30	06:44 16:55	07:12 16:48
16	05:56 20:26	06:21 19:57	06:47 19:13	07:06 (4) 18:28	06:45 16:55	07:12 16:48
17	05:57 20:25	06:22 19:56	06:48 19:11	07:07 (4) 18:27	06:46 16:54	07:13 16:49
18	05:58 20:25	06:23 19:55	06:49 19:10	07:08 (4) 18:25	06:47 16:53	07:14 16:49
19	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	06:03 20:20	06:29 19:46	06:55 18:59	06:22 17:16	06:54 16:50	07:17 16:52
26	06:04 20:19	06:30 19:44	06:56 18:58	06:23 17:15	06:55 16:49	07:18 16:53
27	06:05 20:18	06:31 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:49	07:18 16:54
29	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofania	448	421	373	349	306	299
Totale, caso peggiore			283		54	1053

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: Analisi Ombreggiamento Recettore d'ombra: AA - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (270)
Assunzioni sui calcoli d'ombra

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

	Gennaio		Febbraio		Marzo		Aprile		Maggio		Giugno	
1	07:20		07:50 (5)	07:09	08:10 (5)	06:38	06:52	07:10 (4)	06:11	05:46		
	16:58	40	08:30 (5)	17:29	18	08:28 (5)	17:58	19:27	9	07:19 (4)	19:54	20:20
2	07:20		07:50 (5)	07:09	08:13 (5)	06:37	06:51	07:08 (4)	06:10	05:46		
	16:58	40	08:30 (5)	17:30	12	08:25 (5)	17:59	19:28	12	07:20 (4)	19:55	20:20
3	07:20		07:51 (5)	07:08		06:35	06:49	07:07 (4)	06:09	05:46		
	16:59	40	08:31 (5)	17:31		18:00	19:29	14	07:21 (4)	19:56	20:21	
4	07:20		07:51 (5)	07:07		06:34	06:48	07:05 (4)	06:08	05:45		
	17:00	40	08:31 (5)	17:32		18:01	19:30	16	07:21 (4)	19:57	20:22	
5	07:20		07:51 (5)	07:06		06:32	06:46	07:04 (4)	06:07	05:45		
	17:01	41	08:32 (5)	17:33		18:02	19:31	17	07:21 (4)	19:58	20:22	
6	07:20		07:52 (5)	07:05		06:31	06:45	07:02 (4)	06:06	05:45		
	17:02	41	08:33 (5)	17:34		18:03	19:32	19	07:21 (4)	19:59	20:23	
7	07:20		07:52 (5)	07:04		06:29	06:43	07:01 (4)	06:05	05:45		
	17:03	41	08:33 (5)	17:35		18:04	19:32	20	07:21 (4)	20:00	20:24	
8	07:20		07:51 (5)	07:03		06:28	06:42	07:00 (4)	06:04	05:44		
	17:03	42	08:33 (5)	17:36		18:05	19:33	21	07:21 (4)	20:00	20:24	
9	07:20		07:52 (5)	07:02		06:27	06:41	06:58 (4)	06:03	05:44		
	17:04	41	08:33 (5)	17:37		18:06	19:34	22	07:20 (4)	20:01	20:25	
10	07:20		07:52 (5)	07:01		06:25	06:39	06:58 (4)	06:02	05:44		
	17:05	42	08:34 (5)	17:38		18:07	19:35	22	07:20 (4)	20:02	20:25	
11	07:20		07:53 (5)	07:00		06:24	06:38	06:58 (4)	06:01	05:44		
	17:06	42	08:35 (5)	17:40		18:08	19:36	20	07:18 (4)	20:03	20:26	
12	07:20		07:54 (5)	06:59		06:22	06:36	06:59 (4)	06:00	05:44		
	17:07	41	08:35 (5)	17:41		18:09	19:37	18	07:17 (4)	20:04	20:26	
13	07:19		07:53 (5)	06:58		06:21	06:35	06:59 (4)	05:59	05:44		
	17:08	42	08:35 (5)	17:42		18:10	19:38	16	07:15 (4)	20:05	20:27	
14	07:19		07:54 (5)	06:57		06:19	06:33	07:02 (4)	05:58	05:44		
	17:09	42	08:36 (5)	17:43		18:11	19:39	11	07:13 (4)	20:06	20:27	
15	07:19		07:55 (5)	06:56		06:18	06:32		05:57	05:44		
	17:10	41	08:36 (5)	17:44		18:12	19:40		20:07	20:27		
16	07:19		07:54 (5)	06:54		06:16	06:31		05:56	05:44		
	17:11	42	08:36 (5)	17:45		18:13	19:41		20:07	20:28		
17	07:18		07:55 (5)	06:53		06:15	06:29		05:55	05:44		
	17:12	41	08:36 (5)	17:46		18:13	19:41		20:08	20:28		
18	07:18		07:56 (5)	06:52		06:13	06:28		05:55	05:44		
	17:13	41	08:37 (5)	17:47		18:14	19:42		20:09	20:28		
19	07:18		07:56 (5)	06:51		06:12	06:26		05:54	05:44		
	17:14	41	08:37 (5)	17:48		18:15	19:43		20:10	20:29		
20	07:17		07:57 (5)	06:50		06:10	06:25		05:53	05:44		
	17:15	40	08:37 (5)	17:49		18:16	19:44		20:11	20:29		
21	07:17		07:57 (5)	06:48		06:09	06:24		05:52	05:44		
	17:17	40	08:37 (5)	17:50		18:17	19:45		20:12	20:29		
22	07:16		07:58 (5)	06:47		06:07	06:22		05:52	05:45		
	17:18	38	08:36 (5)	17:51		18:18	19:46		20:12	20:29		
23	07:16		07:59 (5)	06:46		06:06	06:21		05:51	05:45		
	17:19	37	08:36 (5)	17:52		18:19	19:47		20:13	20:30		
24	07:15		07:59 (5)	06:45		06:04	06:20		05:50	05:45		
	17:20	37	08:36 (5)	17:53		18:20	19:48		20:14	20:30		
25	07:14		08:01 (5)	06:43		06:03	06:19		05:50	05:45		
	17:21	35	08:36 (5)	17:54		18:21	19:49		20:15	20:30		
26	07:14		08:01 (5)	06:42		06:01	06:17		05:49	05:46		
	17:22	34	08:35 (5)	17:55		18:22	19:50		20:15	20:30		
27	07:13		08:02 (5)	06:41		06:00	06:16		05:49	05:46		
	17:23	32	08:34 (5)	17:56		18:23	19:50		20:16	20:30		
28	07:12		08:03 (5)	06:39		05:58	06:15		05:48	05:46		
	17:24	30	08:33 (5)	17:57		18:23	19:51		20:17	20:30		
29	07:12		08:05 (5)			06:57	06:14		05:48	05:47		
	17:25	28	08:33 (5)			19:24	19:52		20:18	20:30		
30	07:11		08:06 (5)			06:55	06:12		05:47	05:47		
	17:26	26	08:32 (5)			19:25	19:53		20:18	20:30		
31	07:10		08:08 (5)			06:54	07:11 (4)		05:47			
	17:27	22	08:30 (5)			19:26	6	07:17 (4)	20:19			
Ore potenziali eliofanìa	307			302		370		394		439		441
Totale, caso peggiore	1180			30		6		237				

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: Analisi Ombreggiamento Recettore d'ombra: AA - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (270)
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	05:48 20:30	06:09 20:14	06:35 19:36	06:57 (4) 07:17 (4)	07:00 18:50	06:29 17:08	07:00 16:48	07:35 (5) 08:17 (5)
2	05:48 20:30	06:09 20:13	06:36 19:34	06:56 (4) 07:17 (4)	07:01 18:48	06:30 17:07	07:01 16:48	07:35 (5) 08:17 (5)
3	05:48 20:30	06:10 20:12	06:36 19:33	06:56 (4) 07:18 (4)	07:02 18:47	06:31 17:06	07:02 16:47	07:36 (5) 08:17 (5)
4	05:49 20:30	06:11 20:11	06:37 19:31	06:57 (4) 07:18 (4)	07:02 18:45	06:32 17:05	07:03 16:47	07:36 (5) 08:18 (5)
5	05:49 20:30	06:12 20:10	06:38 19:30	06:57 (4) 07:17 (4)	07:03 18:44	06:33 17:04	07:04 16:47	07:37 (5) 08:18 (5)
6	05:50 20:29	06:13 20:09	06:39 19:28	06:58 (4) 07:17 (4)	07:04 18:42	06:34 17:03	07:05 16:47	07:38 (5) 08:19 (5)
7	05:51 20:29	06:14 20:08	06:40 19:27	06:59 (4) 07:17 (4)	07:05 18:41	06:35 17:02	07:05 16:47	07:37 (5) 08:18 (5)
8	05:51 20:29	06:14 20:07	06:41 19:25	07:00 (4) 07:16 (4)	07:06 18:39	06:36 17:01	07:06 16:47	07:38 (5) 08:19 (5)
9	05:52 20:29	06:15 20:06	06:41 19:24	07:01 (4) 07:15 (4)	07:07 18:38	06:37 17:00	07:07 16:47	07:39 (5) 08:19 (5)
10	05:52 20:28	06:16 20:05	06:42 19:22	07:01 (4) 07:13 (4)	07:08 18:37	06:38 16:59	07:08 16:47	07:39 (5) 08:19 (5)
11	05:53 20:28	06:17 20:03	06:43 19:21	07:02 (4) 07:11 (4)	07:09 18:35	06:39 16:59	07:09 16:47	07:40 (5) 08:20 (5)
12	05:54 20:28	06:18 20:02	06:44 19:19	07:03 (4) 07:09 (4)	07:10 18:34	06:40 16:58	07:10 16:48	07:41 (5) 08:21 (5)
13	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 18:32	06:42 16:57	07:10 16:48	07:41 (5) 08:20 (5)
14	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:36 (5) 08:06 (5)	07:11 16:48	07:42 (5) 08:21 (5)
15	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:30	06:44 16:55	07:35 (5) 08:07 (5)	07:12 16:48	07:43 (5) 08:22 (5)
16	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:34 (5) 08:08 (5)	07:12 16:48	07:42 (5) 08:21 (5)
17	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:34 (5) 08:09 (5)	07:13 16:49	07:43 (5) 08:22 (5)
18	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:33 (5) 08:10 (5)	07:14 16:49	07:43 (5) 08:22 (5)
19	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:33 (5) 08:10 (5)	07:14 16:50	07:44 (5) 08:23 (5)
20	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:33 (5) 08:11 (5)	07:15 16:50	07:45 (5) 08:24 (5)
21	06:00 20:23	06:26 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:33 (5) 08:13 (5)	07:15 16:50	07:45 (5) 08:23 (5)
22	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:33 (5) 08:13 (5)	07:16 16:51	07:46 (5) 08:24 (5)
23	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:33 (5) 08:14 (5)	07:16 16:51	07:46 (5) 08:25 (5)
24	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:33 (5) 08:14 (5)	07:17 16:52	07:46 (5) 08:25 (5)
25	06:03 20:20	06:29 19:46	06:55 18:59	07:22 17:16	06:54 16:50	07:33 (5) 08:14 (5)	07:17 16:52	07:47 (5) 08:26 (5)
26	06:04 20:19	06:30 19:44	06:56 18:58	07:23 17:15	06:55 16:49	07:33 (5) 08:15 (5)	07:18 16:53	07:47 (5) 08:26 (5)
27	06:05 20:18	06:31 19:43	06:56 18:56	07:24 17:14	06:56 16:49	07:34 (5) 08:15 (5)	07:18 16:54	07:47 (5) 08:26 (5)
28	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:49	07:34 (5) 08:16 (5)	07:18 16:54	07:48 (5) 08:27 (5)
29	06:06 20:17	06:32 19:40	07:02 (4) 07:14 (4)	06:58 18:53	06:58 17:12	07:34 (5) 08:16 (5)	07:19 16:55	07:49 (5) 08:28 (5)
30	06:07 20:16	06:33 19:38	07:00 (4) 07:16 (4)	06:59 18:51	06:59 17:10	07:35 (5) 08:16 (5)	07:19 16:56	07:49 (5) 08:28 (5)
31	06:08 20:15	06:34 19:37	06:59 (4) 07:17 (4)	06:59 17:09	06:59 17:09	07:35 (5) 08:16 (5)	07:19 16:57	07:49 (5) 08:28 (5)
Ore potenziali eliofanìa	448	421	373	349	306	299	299	1230
Totale, caso peggiore		46	198	349	760			

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: Analisi Ombreggiamento Recettore d'ombra: AB - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (271)
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	07:20		07:49 (5)	07:09	07:51 (5)	06:38	06:52		06:11	06:32 (4)	05:46	
	16:57	40	08:29 (5)	17:29	08:47 (5)	17:58	19:27		19:54	23	06:55 (4)	20:20
2	07:20		07:50 (5)	07:09	07:51 (5)	06:37	06:51		06:10	06:31 (4)	05:46	
	16:58	41	08:31 (5)	17:30	08:47 (5)	17:59	19:28		19:55	22	06:53 (4)	20:20
3	07:20		07:50 (5)	07:08	07:52 (5)	06:35	06:49		06:09	06:32 (4)	05:46	
	16:59	42	08:32 (5)	17:31	08:47 (5)	18:00	19:29		19:56	20	06:52 (4)	20:21
4	07:20		07:50 (5)	07:07	07:53 (5)	06:34	06:48		06:08	06:34 (4)	05:45	
	17:00	43	08:33 (5)	17:32	08:47 (5)	18:01	19:30		19:57	17	06:51 (4)	20:22
5	07:20		07:50 (5)	07:06	07:53 (5)	06:32	06:46		06:07	06:35 (4)	05:45	
	17:01	43	08:33 (5)	17:33	08:47 (5)	18:02	19:31		19:58	14	06:49 (4)	20:22
6	07:20		07:50 (5)	07:05	07:54 (5)	06:31	06:45		06:06	06:37 (4)	05:45	
	17:02	44	08:34 (5)	17:34	08:46 (5)	18:03	19:32		19:59	10	06:47 (4)	20:23
7	07:20		07:50 (5)	07:04	07:55 (5)	06:29	06:43		06:05		05:45	
	17:03	45	08:35 (5)	17:35	08:46 (5)	18:04	19:32		20:00		20:24	
8	07:20		07:49 (5)	07:03	07:55 (5)	06:28	06:42		06:04		05:44	
	17:03	46	08:35 (5)	17:36	08:45 (5)	18:05	19:33		20:00		20:24	
9	07:20		07:49 (5)	07:02	07:56 (5)	06:27	06:40		06:03		05:44	
	17:04	47	08:36 (5)	17:37	08:44 (5)	18:06	19:34		20:01		20:25	
10	07:20		07:49 (5)	07:01	07:57 (5)	06:25	06:39		06:02		05:44	
	17:05	48	08:37 (5)	17:38	08:44 (5)	18:07	19:35		20:02		20:25	
11	07:20		07:49 (5)	07:00	07:57 (5)	06:24	06:38		06:01		05:44	
	17:06	49	08:38 (5)	17:40	08:42 (5)	18:08	19:36		20:03		20:26	
12	07:20		07:50 (5)	06:59	07:59 (5)	06:22	06:36		06:00		05:44	
	17:07	49	08:39 (5)	17:41	08:41 (5)	18:09	19:37		20:04		20:26	
13	07:19		07:49 (5)	06:58	08:00 (5)	06:21	06:35		05:59		05:44	
	17:08	50	08:39 (5)	17:42	08:39 (5)	18:10	19:38		20:05		20:27	
14	07:19		07:49 (5)	06:57	08:02 (5)	06:19	06:33		05:58		05:44	
	17:09	51	08:40 (5)	17:43	08:38 (5)	18:11	19:39		20:06		20:27	
15	07:19		07:49 (5)	06:56	08:03 (5)	06:18	06:32		05:57		05:44	
	17:10	52	08:41 (5)	17:44	08:36 (5)	18:12	19:40		20:07		20:27	
16	07:19		07:49 (5)	06:54	08:06 (5)	06:16	06:31		05:56		05:44	
	17:11	53	08:42 (5)	17:45	08:34 (5)	18:13	19:41		20:07		20:28	
17	07:18		07:49 (5)	06:53	08:08 (5)	06:15	06:29	06:47 (4)	05:55		05:44	
	17:12	54	08:43 (5)	17:46	08:32 (5)	18:13	19:41	5	06:52 (4)	20:08	20:28	
18	07:18		07:50 (5)	06:52	08:11 (5)	06:13	06:28		06:46 (4)	05:55	05:44	
	17:13	54	08:44 (5)	17:47	08:27 (5)	18:14	19:42	9	06:55 (4)	20:09	20:28	
19	07:18		07:49 (5)	06:51		06:12	06:26		06:44 (4)	05:54	05:44	
	17:14	55	08:44 (5)	17:48		18:15	19:43	11	06:55 (4)	20:10	20:29	
20	07:17		07:50 (5)	06:50		06:10	06:25		06:43 (4)	05:53	05:44	
	17:15	55	08:45 (5)	17:49		18:16	19:44	13	06:56 (4)	20:11	20:29	
21	07:17		07:49 (5)	06:48		06:09	06:24		06:42 (4)	05:52	05:44	
	17:17	56	08:45 (5)	17:50		18:17	19:45	15	06:57 (4)	20:12	20:29	
22	07:16		07:49 (5)	06:47		06:07	06:22		06:40 (4)	05:52	05:45	
	17:18	56	08:45 (5)	17:51		18:18	19:46	17	06:57 (4)	20:12	20:29	
23	07:16		07:50 (5)	06:46		06:06	06:21		06:39 (4)	05:51	05:45	
	17:19	56	08:46 (5)	17:52		18:19	19:47	19	06:58 (4)	20:13	20:30	
24	07:15		07:49 (5)	06:45		06:04	06:20		06:38 (4)	05:50	05:45	
	17:20	57	08:46 (5)	17:53		18:20	19:48	20	06:58 (4)	20:14	20:30	
25	07:14		07:50 (5)	06:43		06:03	06:19		06:37 (4)	05:50	05:45	
	17:21	57	08:47 (5)	17:54		18:21	19:49	21	06:58 (4)	20:15	20:30	
26	07:14		07:50 (5)	06:42		06:01	06:17		06:35 (4)	05:49	05:46	
	17:22	57	08:47 (5)	17:55		18:22	19:50	22	06:57 (4)	20:15	20:30	
27	07:13		07:50 (5)	06:41		06:00	06:16		06:34 (4)	05:49	05:46	
	17:23	57	08:47 (5)	17:56		18:23	19:50	23	06:57 (4)	20:16	20:30	
28	07:12		07:50 (5)	06:39		05:58	06:15		06:33 (4)	05:48	05:46	
	17:24	57	08:47 (5)	17:57		18:23	19:51	24	06:57 (4)	20:17	20:30	
29	07:12		07:51 (5)			06:57	06:14		06:32 (4)	05:48	05:47	
	17:25	57	08:48 (5)			19:24	19:52	24	06:56 (4)	20:18	20:30	
30	07:11		07:51 (5)			06:55	06:12		06:31 (4)	05:47	05:47	
	17:26	57	08:48 (5)			19:25	19:53	25	06:56 (4)	20:18	20:30	
31	07:10		07:51 (5)			06:54			05:47			
	17:27	57	08:48 (5)			19:26			20:19			
Ore potenziali eliofania	307		302		370		394		439		441	
Totale, caso peggiore	1585		786				248		106			

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: Analisi Ombreggiamento Recettore d'ombra: AB - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (271)
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	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:26 (5) 16:48	07:00 49 08:20 (5)
2	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:25 (5) 16:48	07:01 48 08:20 (5)
3	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:24 (5) 16:47	07:02 47 08:20 (5)
4	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:23 (5) 16:47	07:03 46 08:20 (5)
5	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:24 (5) 16:47	07:04 45 08:20 (5)
6	05:50 20:29	06:13 20:09	06:50 (4) 06:54 (4)	06:39 19:28	07:04 18:42	07:23 (5) 16:47	07:05 44 08:20 (5)
7	05:51 20:29	06:14 20:08	06:46 (4) 06:58 (4)	06:40 19:27	07:05 18:41	07:23 (5) 16:47	07:05 43 08:19 (5)
8	05:51 20:29	06:14 20:07	06:44 (4) 07:00 (4)	06:41 19:25	07:06 18:39	07:22 (5) 16:47	07:06 43 08:20 (5)
9	05:52 20:29	06:15 20:06	06:43 (4) 07:01 (4)	06:41 19:24	07:07 18:38	07:22 (5) 16:47	07:07 42 08:20 (5)
10	05:52 20:28	06:16 20:05	06:42 (4) 07:02 (4)	06:42 19:22	07:08 18:37	07:22 (5) 16:47	07:08 41 08:20 (5)
11	05:53 20:28	06:17 20:03	06:40 (4) 07:02 (4)	06:43 19:21	07:09 18:35	07:22 (5) 16:47	07:09 40 08:20 (5)
12	05:54 20:28	06:18 20:02	06:39 (4) 07:03 (4)	06:44 19:19	07:10 18:34	07:22 (5) 16:47	07:10 40 08:20 (5)
13	05:54 20:27	06:19 20:01	06:39 (4) 07:04 (4)	06:45 19:18	07:10 18:32	07:23 (5) 16:48	07:10 39 08:20 (5)
14	05:55 20:27	06:20 20:00	06:40 (4) 07:04 (4)	06:45 19:16	07:11 18:31	07:23 (5) 16:48	07:11 39 08:21 (5)
15	05:56 20:26	06:20 19:59	06:41 (4) 07:05 (4)	06:46 19:14	07:12 18:30	07:23 (5) 16:48	07:12 38 08:21 (5)
16	05:56 20:26	06:21 19:57	06:41 (4) 07:04 (4)	06:47 19:13	07:13 18:28	07:23 (5) 16:48	07:12 38 08:21 (5)
17	05:57 20:25	06:22 19:56	06:42 (4) 07:04 (4)	06:48 19:11	07:14 18:27	07:23 (5) 16:49	07:13 37 08:21 (5)
18	05:58 20:25	06:23 19:55	06:43 (4) 07:04 (4)	06:49 19:10	07:15 18:25	07:23 (5) 16:49	07:14 37 08:21 (5)
19	05:58 20:24	06:24 19:54	06:44 (4) 07:04 (4)	06:50 19:08	07:16 18:24	07:24 (5) 16:50	07:14 37 08:22 (5)
20	05:59 20:23	06:25 19:52	06:45 (4) 07:03 (4)	06:50 19:07	07:17 18:23	07:24 (5) 16:50	07:15 37 08:23 (5)
21	06:00 20:23	06:25 19:51	06:46 (4) 07:03 (4)	06:51 19:05	07:18 18:21	07:25 (5) 16:50	07:15 36 08:22 (5)
22	06:01 20:22	06:26 19:50	06:46 (4) 07:01 (4)	06:52 19:04	07:19 18:20	07:26 (5) 16:51	07:16 36 08:23 (5)
23	06:01 20:21	06:27 19:48	06:47 (4) 07:00 (4)	06:53 19:02	07:20 18:19	07:26 (5) 16:51	07:16 36 08:23 (5)
24	06:02 20:21	06:28 19:47	06:48 (4) 06:59 (4)	06:54 19:01	07:21 18:18	07:27 (5) 16:52	07:17 37 08:24 (5)
25	06:03 20:20	06:29 19:46	06:49 (4) 06:57 (4)	06:55 18:59	06:22 17:16	06:54 16:50	07:17 37 08:25 (5)
26	06:04 20:19	06:30 19:44	06:50 (4) 06:55 (4)	06:56 18:58	06:23 17:15	06:55 16:49	07:18 37 08:25 (5)
27	06:05 20:18	06:31 19:43	06:56 18:56	06:24 17:14	29 08:04 (5) 33 08:06 (5)	16:49 16:54	07:18 37 08:25 (5)
28	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	51 08:08 (5) 37 08:09 (5)	07:18 16:54	07:18 38 08:27 (5)
29	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	51 08:20 (5) 40 08:09 (5)	07:19 16:55	07:19 38 08:27 (5)
30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	50 08:20 (5) 43 08:11 (5)	07:19 16:56	07:19 39 08:28 (5)
31	06:08 20:15	06:34 19:37		06:28 17:09	49 08:20 (5) 45 08:12 (5)	07:19 16:56	07:19 39 08:28 (5)
Ore potenziali eliofania	448	421	373	349	306	299	
Totale, caso peggiore		362		276	1622		1240

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: Analisi Ombreggiamento Recettore d'ombra: AC - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (272)
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	07:20	07:09	16:56 (5)	06:38	06:52	06:11	18:35 (4)	05:46	18:43 (4)	
	16:57	17:28	10 17:06 (5)	17:58	19:27	19:54	57 19:32 (4)	20:20	56 19:39 (4)	
2	07:20	07:08	16:55 (5)	06:36	06:51	06:10	18:35 (4)	05:46	18:44 (4)	
	16:58	17:30	12 17:07 (5)	17:59	19:28	19:55	58 19:33 (4)	20:20	55 19:39 (4)	
3	07:20	07:08	16:54 (5)	06:35	06:49	06:09	18:35 (4)	05:46	18:45 (4)	
	16:59	17:31	14 17:08 (5)	18:00	19:29	19:56	59 19:34 (4)	20:21	54 19:39 (4)	
4	07:20	07:07	16:54 (5)	06:34	06:48	06:08	18:34 (4)	05:45	18:45 (4)	
	17:00	17:32	15 17:09 (5)	18:01	19:30	19:57	61 19:35 (4)	20:22	53 19:38 (4)	
5	07:20	07:06	16:55 (5)	06:32	06:46	06:07	18:34 (4)	05:45	18:46 (4)	
	17:01	17:33	16 17:11 (5)	18:02	19:31	19:58	61 19:35 (4)	20:22	52 19:38 (4)	
6	07:20	07:05	16:55 (5)	06:31	06:45	06:06	18:34 (4)	05:45	18:47 (4)	
	17:02	17:34	17 17:12 (5)	18:03	19:31	19:59	62 19:36 (4)	20:23	51 19:38 (4)	
7	07:20	07:04	16:55 (5)	06:29	06:43	06:05	18:34 (4)	05:44	18:47 (4)	
	17:02	17:35	18 17:13 (5)	18:04	19:32	19:59	63 19:37 (4)	20:23	51 19:38 (4)	
8	07:20	07:03	16:55 (5)	06:28	06:42	06:04	18:34 (4)	05:44	18:48 (4)	
	17:03	17:36	20 17:15 (5)	18:05	19:33	20:00	64 19:38 (4)	20:24	50 19:38 (4)	
9	07:20	07:02	16:55 (5)	06:27	06:40	06:03	18:34 (4)	05:44	18:48 (4)	
	17:04	17:37	21 17:16 (5)	18:06	19:34	20:01	65 19:39 (4)	20:25	49 19:37 (4)	
10	07:20	07:01	16:55 (5)	06:25	06:39	06:02	18:34 (4)	05:44	18:48 (4)	
	17:05	17:38	21 17:16 (5)	18:07	19:35	20:02	66 19:40 (4)	20:25	49 19:37 (4)	
11	07:20	07:00	16:55 (5)	06:24	06:38	06:01	18:34 (4)	05:44	18:49 (4)	
	17:06	17:39	22 17:17 (5)	18:08	19:36	6 19:15 (4)	20:03	66 19:40 (4)	47 19:36 (4)	
12	07:20	06:59	16:56 (5)	06:22	06:36	19:03 (4)	06:00	18:34 (4)	05:44	18:50 (4)
	17:07	17:41	23 17:19 (5)	18:09	19:37	13 19:16 (4)	20:04	67 19:41 (4)	20:26	46 19:36 (4)
13	07:19	06:58	16:57 (5)	06:21	06:35	18:58 (4)	05:59	18:35 (4)	05:44	18:50 (4)
	17:08	17:42	22 17:19 (5)	18:10	19:38	19 19:17 (4)	20:05	68 19:43 (4)	20:26	46 19:36 (4)
14	07:19	06:57	16:59 (5)	06:19	06:33	18:56 (4)	05:58	18:35 (4)	05:44	18:51 (4)
	17:09	17:43	19 17:18 (5)	18:11	19:39	22 19:18 (4)	20:06	68 19:43 (4)	20:27	45 19:36 (4)
15	07:19	06:56	17:00 (5)	06:18	06:32	18:54 (4)	05:57	18:35 (4)	05:44	18:51 (4)
	17:10	17:44	16 17:16 (5)	18:12	19:40	25 19:19 (4)	20:06	69 19:44 (4)	20:27	45 19:36 (4)
16	07:19	06:54	17:03 (5)	06:16	06:30	18:51 (4)	05:56	18:35 (4)	05:44	18:51 (4)
	17:11	17:45	11 17:14 (5)	18:12	19:40	28 19:19 (4)	20:07	69 19:44 (4)	20:28	45 19:36 (4)
17	07:18	06:53	16:59 (5)	06:15	06:29	18:49 (4)	05:55	18:35 (4)	05:44	18:53 (4)
	17:12	17:46		18:13	19:41	32 19:21 (4)	20:08	68 19:43 (4)	20:28	44 19:37 (4)
18	07:18	06:52		06:13	06:28	18:47 (4)	05:55	18:37 (4)	05:44	18:53 (4)
	17:13	17:47		18:14	19:42	34 19:21 (4)	20:09	67 19:44 (4)	20:28	44 19:37 (4)
19	07:17	06:51		06:12	06:26	18:45 (4)	05:54	18:37 (4)	05:44	18:53 (4)
	17:14	17:48		18:15	19:43	37 19:22 (4)	20:10	66 19:43 (4)	20:29	44 19:37 (4)
20	07:17	06:50		06:10	06:25	18:44 (4)	05:53	18:37 (4)	05:44	18:53 (4)
	17:15	17:49		18:16	19:44	39 19:23 (4)	20:11	65 19:42 (4)	20:29	44 19:37 (4)
21	07:17	06:48		06:09	06:24	18:43 (4)	05:52	18:38 (4)	05:44	18:53 (4)
	17:16	17:50		18:17	19:45	41 19:24 (4)	20:11	65 19:43 (4)	20:29	44 19:37 (4)
22	07:16	06:47		06:07	06:22	18:41 (4)	05:52	18:38 (4)	05:44	18:53 (4)
	17:17	17:51		18:18	19:46	43 19:24 (4)	20:12	64 19:42 (4)	20:29	44 19:37 (4)
23	07:15	06:46		06:06	06:21	18:41 (4)	05:51	18:38 (4)	05:45	18:54 (4)
	17:19	17:52		18:19	19:47	45 19:26 (4)	20:13	63 19:41 (4)	20:30	44 19:38 (4)
24	07:15	06:44		06:04	06:20	18:40 (4)	05:50	18:39 (4)	05:45	18:54 (4)
	17:20	17:53		18:20	19:48	47 19:27 (4)	20:14	63 19:42 (4)	20:30	44 19:38 (4)
25	07:14	06:43		06:03	06:19	18:38 (4)	05:50	18:39 (4)	05:45	18:54 (4)
	17:21	17:54		18:21	19:49	49 19:27 (4)	20:15	62 19:41 (4)	20:30	44 19:38 (4)
26	07:14	06:42		06:01	06:17	18:38 (4)	05:49	18:40 (4)	05:46	18:54 (4)
	17:22	17:55		18:22	19:49	50 19:28 (4)	20:15	61 19:41 (4)	20:30	45 19:39 (4)
27	07:13	06:41		06:00	06:16	18:37 (4)	05:49	18:40 (4)	05:46	18:54 (4)
	17:23	17:56		18:22	19:50	52 19:29 (4)	20:16	60 19:40 (4)	20:30	45 19:39 (4)
28	07:12	17:00 (5)	06:39	05:58	06:15	18:37 (4)	05:48	18:41 (4)	05:46	18:54 (4)
	17:24	1 17:01 (5)	17:57	18:23	19:51	53 19:30 (4)	20:17	59 19:40 (4)	20:30	45 19:39 (4)
29	07:12	16:59 (5)		06:57	06:14	18:37 (4)	05:48	18:41 (4)	05:47	18:54 (4)
	17:25	4 17:03 (5)		19:24	19:52	54 19:31 (4)	20:18	59 19:40 (4)	20:30	46 19:40 (4)
30	07:11	16:58 (5)		06:55	06:12	18:36 (4)	05:47	18:42 (4)	05:47	18:54 (4)
	17:26	6 17:04 (5)		19:25	19:53	56 19:32 (4)	20:18	58 19:40 (4)	20:30	46 19:40 (4)
31	07:10	16:57 (5)		06:54			05:47	18:43 (4)		
	17:27	8 17:05 (5)		19:26			20:19	57 19:40 (4)		
Ore potenziali eliofanìa	307	302		370	394		439		441	
Totale, caso peggiore	19	277		745	1960		1417			

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: Analisi Ombreggiamento Recettore d'ombra: AC - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (272)
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	05:47	18:53 (4)	06:09	18:45 (4)	06:35	19:08 (4)	07:00	06:29	16:24 (5)	07:00				
	20:30	47	19:40 (4)	20:14	66	19:51 (4)	19:35	6	19:14 (4)	18:50	17:08	22	16:46 (5)	16:48
2	05:48	18:54 (4)	06:09	18:45 (4)	06:35		07:01	06:30		07:01			16:24 (5)	07:01
	20:30	47	19:41 (4)	20:13	66	19:51 (4)	19:34			18:48	17:07	21	16:45 (5)	16:47
3	05:48	18:53 (4)	06:10	18:45 (4)	06:36		07:01	06:31		07:01			16:24 (5)	07:02
	20:30	49	19:42 (4)	20:12	65	19:50 (4)	19:33			18:47	17:06	19	16:43 (5)	16:47
4	05:49	18:53 (4)	06:11	18:45 (4)	06:37		07:02	06:32		07:02			16:24 (5)	07:03
	20:30	50	19:43 (4)	20:11	64	19:49 (4)	19:31			18:45	17:05	18	16:42 (5)	16:47
5	05:49	18:53 (4)	06:12	18:44 (4)	06:38		07:03	06:33		07:03			16:25 (5)	07:04
	20:29	50	19:43 (4)	20:10	63	19:47 (4)	19:30			18:44	17:04	17	16:42 (5)	16:47
6	05:50	18:53 (4)	06:13	18:44 (4)	06:39		07:04	06:34		07:04			16:25 (5)	07:04
	20:29	51	19:44 (4)	20:09	63	19:47 (4)	19:28			18:42	17:03	16	16:41 (5)	16:47
7	05:50	18:52 (4)	06:14	18:44 (4)	06:40		07:05	06:35		07:05			16:25 (5)	07:05
	20:29	52	19:44 (4)	20:08	62	19:46 (4)	19:27			18:41	17:02	15	16:40 (5)	16:47
8	05:51	18:52 (4)	06:14	18:44 (4)	06:40		07:06	06:36		07:06			16:25 (5)	07:06
	20:29	53	19:45 (4)	20:07	61	19:45 (4)	19:25			18:39	17:01	14	16:39 (5)	16:47
9	05:52	18:53 (4)	06:15	18:44 (4)	06:41		07:07	06:37		07:07			16:26 (5)	07:07
	20:29	53	19:46 (4)	20:06	60	19:44 (4)	19:24			18:38	17:00	12	16:38 (5)	16:47
10	05:52	18:52 (4)	06:16	18:44 (4)	06:42		07:08	06:38		07:08			16:27 (5)	07:08
	20:28	54	19:46 (4)	20:05	59	19:43 (4)	19:22			18:36	16:59	10	16:37 (5)	16:47
11	05:53	18:52 (4)	06:17	18:43 (4)	06:43		07:09	06:39		07:09			16:28 (5)	07:09
	20:28	55	19:47 (4)	20:03	58	19:41 (4)	19:21			18:35	16:58	8	16:36 (5)	16:47
12	05:53	18:51 (4)	06:18	18:44 (4)	06:44		07:09	06:40		07:09			16:29 (5)	07:09
	20:27	56	19:47 (4)	20:02	56	19:40 (4)	19:19			18:34	16:58	6	16:35 (5)	16:47
13	05:54	18:51 (4)	06:19	18:44 (4)	06:45		07:10	06:41		07:10			16:31 (5)	07:10
	20:27	57	19:48 (4)	20:01	55	19:39 (4)	19:17			18:32	16:57	4	16:35 (5)	16:48
14	05:55	18:51 (4)	06:19	18:44 (4)	06:45		07:11	06:42		07:11			16:33 (5)	07:11
	20:27	58	19:49 (4)	20:00	54	19:38 (4)	19:16			18:31	16:56	1	16:34 (5)	16:48
15	05:55	18:50 (4)	06:20	18:45 (4)	06:46		07:12	06:44		07:12				07:12
	20:26	58	19:48 (4)	19:59	52	19:37 (4)	19:14			18:29	16:55			16:48
16	05:56	18:50 (4)	06:21	18:44 (4)	06:47		07:13	06:45		07:13				07:12
	20:26	59	19:49 (4)	19:57	51	19:35 (4)	19:13			18:28	16:55			16:48
17	05:57	18:50 (4)	06:22	18:45 (4)	06:48		07:14	06:46		07:14				07:13
	20:25	60	19:50 (4)	19:56	49	19:34 (4)	19:11			18:27	16:54			16:49
18	05:58	18:50 (4)	06:23	18:45 (4)	06:49		07:15	06:47		07:15				07:14
	20:25	61	19:51 (4)	19:55	48	19:33 (4)	19:10			18:25	16:53			16:49
19	05:58	18:49 (4)	06:24	18:46 (4)	06:50		07:16	06:48		07:16				07:14
	20:24	62	19:51 (4)	19:53	46	19:32 (4)	19:08			18:24	16:53			16:49
20	05:59	18:49 (4)	06:25	18:47 (4)	06:50		07:17	06:49		07:17				07:15
	20:23	63	19:52 (4)	19:52	44	19:31 (4)	19:07			18:23	16:52			16:50
21	06:00	18:49 (4)	06:25	18:46 (4)	06:51		07:18	06:50		07:18				07:15
	20:23	63	19:52 (4)	19:51	43	19:29 (4)	19:05			18:21	16:51			16:50
22	06:01	18:47 (4)	06:26	18:47 (4)	06:52		07:19	06:51		07:19				07:16
	20:22	65	19:52 (4)	19:50	41	19:28 (4)	19:04			18:20	16:51			16:51
23	06:01	18:47 (4)	06:27	18:48 (4)	06:53		07:20	06:52		07:20				07:16
	20:21	66	19:53 (4)	19:48	39	19:27 (4)	19:02			18:19	16:50			16:51
24	06:02	18:47 (4)	06:28	18:49 (4)	06:54		07:21	06:53		07:21				07:17
	20:21	66	19:53 (4)	19:47	37	19:26 (4)	19:01			18:18	16:50			16:52
25	06:03	18:47 (4)	06:29	18:51 (4)	06:55		07:22	06:54		07:22				07:17
	20:20	67	19:54 (4)	19:45	34	19:25 (4)	18:59		5	16:36 (5)	16:41 (5)			16:52
26	06:04	18:46 (4)	06:30	18:51 (4)	06:55		07:23	06:55		07:23				07:18
	20:19	67	19:53 (4)	19:44	31	19:22 (4)	18:57			17:15	16:45 (5)			16:53
27	06:04	18:46 (4)	06:30	18:53 (4)	06:56		07:24	06:56		07:24				07:18
	20:18	68	19:54 (4)	19:43	28	19:21 (4)	18:56			17:14	16:47 (5)			16:54
28	06:05	18:46 (4)	06:31	18:55 (4)	06:57		07:25	06:57		07:25				07:18
	20:17	68	19:54 (4)	19:41	25	19:20 (4)	18:54			17:13	16:48 (5)			16:54
29	06:06	18:46 (4)	06:32	18:57 (4)	06:58		07:26	06:58		07:26				07:19
	20:17	68	19:54 (4)	19:40	22	19:19 (4)	18:53			17:12	16:49 (5)			16:55
30	06:07	18:46 (4)	06:33	19:00 (4)	06:59		07:27	06:59		07:27				07:19
	20:16	68	19:54 (4)	19:38	18	19:18 (4)	18:51			17:10	16:48 (5)			16:56
31	06:08	18:45 (4)	06:34	19:02 (4)			07:28	06:58		07:28				07:19
	20:15	67	19:52 (4)	19:37	13	19:15 (4)				17:09	16:47 (5)			16:56
Ore potenziali eliofanìa	448		421		373		349			306				299
Totale, caso peggiore	1828		1473		6		121			183				

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: Analisi Ombreggiamento Recettore d'ombra: AD - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (273)
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	07:20 16:57	07:09 17:28	06:38 17:58	17:17 (5) 17:38 (5)	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:09 20:14	06:35 19:35	07:00 18:50	06:29 17:08	07:00 16:48	
2	07:20 16:58	07:08 17:30	06:36 17:59	17:18 (5) 17:38 (5)	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:01 18:48	06:30 17:07	07:01 16:47	
3	07:20 16:59	07:08 17:31	06:35 18:00	17:19 (5) 17:40 (5)	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47	
4	07:20 17:00	07:07 17:32	06:34 18:01	17:21 (5) 17:41 (5)	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47	
5	07:20 17:01	07:06 17:33	06:32 18:02	17:22 (5) 17:38 (5)	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:29	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47	
6	07:20 17:02	07:05 17:34	06:31 18:03	17:26 (5) 17:35 (5)	06:45 19:31	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:04 16:47	
7	07:20 17:02	07:04 17:35	06:29 18:04		06:43 19:32	06:05 19:59	05:44 20:23	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47	
8	07:20 17:03	07:03 17:36	06:28 18:05		06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	17:59 (5) 18:12 (5)	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06		06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	17:56 (5) 18:14 (5)	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07		06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	17:54 (5) 18:15 (5)	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08		06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	17:53 (5) 18:14 (5)	06:39 16:58	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09		06:36 19:37	06:00 20:04	05:44 20:26	05:53 20:27	06:18 20:02	06:44 19:19	07:09 18:34	17:52 (5) 18:12 (5)	06:40 16:58	07:09 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10		06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:17	07:10 18:32	17:51 (5) 18:11 (5)	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11		06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:19 20:00	06:45 19:16	07:11 18:31	17:49 (5) 18:08 (5)	06:42 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12		06:32 19:40	05:57 20:06	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	17:48 (5) 18:07 (5)	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:12		06:30 19:40	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	17:48 (5) 18:06 (5)	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	17:21 (5) 17:24 (5)	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	17:48 (5) 18:04 (5)	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	17:20 (5) 17:26 (5)	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	17:47 (5) 18:03 (5)	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	17:19 (5) 17:27 (5)	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:53	06:50 19:08	07:16 18:24	17:47 (5) 18:02 (5)	06:48 16:53	07:14 16:49
20	07:17 17:15	06:50 17:49	17:19 (5) 17:28 (5)	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	17:48 (5) 18:00 (5)	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	17:17 (5) 17:29 (5)	06:09 18:17	06:24 19:45	05:52 20:11	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	17:48 (5) 17:59 (5)	06:50 16:51	07:15 16:50
22	07:16 17:18	06:47 17:51	17:17 (5) 17:30 (5)	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	17:48 (5) 17:58 (5)	06:51 16:51	07:16 16:51
23	07:15 17:19	06:46 17:52	17:17 (5) 17:31 (5)	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:29	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	17:49 (5) 17:56 (5)	06:52 16:50	07:16 16:51
24	07:15 17:20	06:44 17:53	17:17 (5) 17:33 (5)	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	17:51 (5) 17:56 (5)	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	17:16 (5) 17:33 (5)	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	06:22 17:16	16:53 (5) 16:55 (5)	06:54 16:50	07:17 16:52
26	07:14 17:22	06:42 17:55	17:16 (5) 17:35 (5)	06:01 18:22	06:17 19:49	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:57	06:23 17:15		06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	17:17 (5) 17:36 (5)	06:00 18:22	06:16 19:50	05:49 20:16	05:46 20:30	06:04 20:18	06:30 19:43	06:56 18:56	06:24 17:14		06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	17:17 (5) 17:36 (5)	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:17	06:31 19:41	06:57 18:54	06:25 17:13		06:57 16:48	07:18 16:54
29	07:12 17:25			06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12		06:58 16:48	07:19 16:55
30	07:11 17:26			06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10		06:59 16:48	07:19 16:56
31	07:10 17:27			06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56	07:19 16:56
Ore potenziali eliofanía	307	302	307		394	439	441	448	421	373	349		306	299
Totale, caso peggiore		155		107							263			

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: Analisi Ombreggiamento Recettore d'ombra: AE - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (274)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:09 20:14	06:35 19:35	07:00 18:50	18:19 (5) 18:29 (5)	06:29 17:08	07:00 16:48
2	07:20 16:58	07:08 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:01 18:48	18:18 (5) 18:26 (5)	06:30 17:07	07:01 16:47
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	18:19 (5) 18:25 (5)	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	18:19 (5) 18:24 (5)	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:29	06:12 20:10	06:38 19:30	07:03 18:44	18:20 (5) 18:22 (5)	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:31	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	17:03 17:03	06:34 16:47	07:04 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:44 20:23	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 17:45 (5)	06:42 19:33	05:44 20:00	05:51 20:24	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 17:42 (5)	06:40 19:34	05:44 20:01	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 17:42 (5)	06:39 19:35	05:44 20:02	05:52 20:28	06:16 20:04	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 17:40 (5)	06:38 19:36	05:44 20:03	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 17:40 (5)	06:36 19:37	05:44 20:04	05:53 20:27	06:18 20:02	06:44 19:19	07:09 18:34	06:40 16:58	07:09 16:47	07:09 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 17:39 (5)	06:35 19:38	05:44 20:05	05:54 20:26	06:19 20:01	06:45 19:17	07:10 18:32	06:41 16:57	07:10 16:48	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 17:39 (5)	06:33 19:39	05:44 20:06	05:55 20:27	06:19 20:00	06:45 19:16	07:11 18:31	06:42 16:56	07:11 16:48	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 17:38 (5)	06:32 19:40	05:44 20:06	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:12	06:30 17:38 (5)	06:30 19:40	05:44 20:07	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 17:38 (5)	06:29 19:41	05:44 20:08	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 17:39 (5)	06:28 19:42	05:44 20:09	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 17:39 (5)	06:26 19:43	05:44 20:10	05:58 20:24	06:24 19:53	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:49	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 17:40 (5)	06:25 19:44	05:44 20:11	05:59 20:23	06:25 19:52	06:50 19:07	18:32 (5) 18:42 (5)	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 17:41 (5)	06:24 19:45	05:44 20:11	06:00 20:23	06:25 19:51	06:51 19:05	18:28 (5) 18:44 (5)	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 17:43 (5)	06:22 19:46	05:45 20:12	06:01 20:22	06:26 19:50	06:52 19:04	18:26 (5) 18:42 (5)	07:19 18:20	06:51 16:51	07:16 16:51
23	07:15 17:19	06:46 17:52	06:06 18:19	06:21 17:44 (5)	06:21 19:47	05:45 20:13	06:01 20:21	06:27 19:48	06:53 19:02	18:25 (5) 18:41 (5)	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	06:44 17:53	06:04 18:20	06:20 17:56 (5)	06:20 19:48	05:45 20:14	06:02 20:21	06:28 19:47	06:54 19:01	18:23 (5) 18:40 (5)	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	06:19 19:49	05:45 20:15	06:03 20:20	06:29 19:45	06:55 18:59	18:21 (5) 18:37 (5)	06:22 17:16	06:54 16:50	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:49	06:17 19:49	05:49 20:15	06:04 20:19	06:30 19:44	06:55 18:57	18:21 (5) 18:36 (5)	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:22	06:16 19:50	06:16 19:50	05:49 20:16	06:04 20:18	06:30 19:43	06:56 18:56	18:20 (5) 18:34 (5)	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	06:15 19:51	05:48 20:17	06:05 20:17	06:31 19:41	06:57 18:54	18:19 (5) 18:33 (5)	06:25 17:13	06:57 16:48	07:18 16:54
29	07:12 17:25	06:39 17:57	05:58 18:23	06:15 19:51	06:15 19:51	05:48 20:17	06:05 20:17	06:31 19:41	06:57 18:54	18:19 (5) 18:33 (5)	06:25 17:13	06:57 16:48	07:18 16:54
30	07:11 17:26	06:39 17:57	05:58 18:23	06:15 19:51	06:15 19:51	05:48 20:17	06:05 20:17	06:31 19:41	06:57 18:54	18:19 (5) 18:33 (5)	06:25 17:13	06:57 16:48	07:18 16:54
31	07:10 17:27	06:39 17:57	05:58 18:23	06:15 19:51	06:15 19:51	05:48 20:17	06:05 20:17	06:31 19:41	06:57 18:54	18:19 (5) 18:33 (5)	06:25 17:13	06:57 16:48	07:18 16:54
Ore potenziali eliofanía	307	302	370										
Totale, caso peggiore			179	394	439	441	448	421	373	158	31	306	299

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: Analisi Ombreggiamento Recettore d'ombra: AF - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (275)
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	07:20 16:57	07:09 17:28	06:38 17:58	17:36 (5) 19:27	06:52 19:54	06:11 20:20	05:46 20:30	05:47 20:14	06:09 19:35	06:35 18:50	07:00 18:29 (5)	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	17:33 (5) 19:28	06:51 19:55	06:10 20:20	05:46 20:30	05:48 20:13	06:09 19:34	06:35 18:48	07:01 18:26 (5)	06:30 17:07	07:01 16:47
3	07:20 16:59	07:08 17:31	06:35 18:00	17:32 (5) 19:29	06:49 19:56	06:09 20:21	05:46 20:30	05:48 20:12	06:10 19:33	06:36 18:47	07:01 18:25 (5)	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	17:31 (5) 19:30	06:48 19:57	06:08 20:22	05:45 20:30	05:49 20:11	06:11 19:31	06:37 18:45	07:02 18:24 (5)	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	17:29 (5) 19:31	06:46 19:58	06:07 20:22	05:45 20:30	05:49 20:10	06:12 19:30	06:38 18:44	07:03 18:22 (5)	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	17:28 (5) 19:31	06:45 19:59	06:06 20:23	05:45 20:29	05:50 20:09	06:13 19:28	06:39 18:42	07:04 18:21 (5)	06:34 17:03	07:05 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	17:26 (5) 19:32	06:43 19:59	06:05 20:23	05:44 20:29	05:50 20:08	06:14 19:27	06:40 18:41	07:05 18:19 (5)	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	17:26 (5) 19:33	06:42 19:59	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	17:24 (5) 19:34	06:40 20:01	06:03 20:25	05:44 20:29	05:52 20:06	06:15 19:24	06:41 18:37	07:07 18:16 (5)	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	17:24 (5) 19:35	06:39 20:02	06:02 20:25	05:44 20:28	05:52 20:05	06:16 19:22	06:42 18:39	07:08 18:15 (5)	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	17:23 (5) 19:36	06:38 20:03	06:01 20:26	05:44 20:28	05:53 20:03	06:17 19:21	06:43 18:35	07:09 18:14 (5)	06:39 16:58	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	17:23 (5) 19:37	06:36 20:04	06:00 20:26	05:44 20:27	05:53 20:02	06:18 20:02	06:44 19:19	07:09 18:34	06:40 16:58	07:09 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	17:22 (5) 19:38	06:35 20:05	05:59 20:26	05:44 20:27	05:54 20:01	06:19 20:01	06:45 19:17	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	17:22 (5) 19:39	06:33 20:06	05:58 20:27	05:44 20:27	05:55 20:00	06:20 19:16	06:45 19:16	07:11 18:31	06:42 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	17:22 (5) 19:40	06:32 20:06	05:57 20:27	05:44 20:26	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:43 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	17:22 (5) 19:40	06:31 20:07	05:56 20:28	05:44 20:26	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:38 (5)	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	17:22 (5) 19:41	06:29 20:08	05:55 20:28	05:44 20:25	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:41 (5)	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	17:23 (5) 19:42	06:28 20:09	05:55 20:28	05:44 20:25	05:58 19:55	06:23 19:10	06:49 19:10	07:15 18:43 (5)	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	17:22 (5) 19:43	06:26 20:10	05:54 20:29	05:44 20:24	05:58 19:54	06:24 19:08	06:50 19:08	07:16 18:45 (5)	06:48 16:53	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	17:23 (5) 19:44	06:25 20:11	05:53 20:29	05:44 20:23	05:59 19:52	06:25 19:07	06:50 19:07	07:17 18:45 (5)	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	17:24 (5) 19:45	06:24 20:11	05:52 20:29	05:44 20:23	06:25 19:51	06:51 19:05	06:51 19:05	07:18 18:44 (5)	06:50 16:51	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	17:25 (5) 19:46	06:22 20:12	05:52 20:29	05:45 20:22	06:01 19:50	06:26 19:04	06:52 19:04	07:19 18:42 (5)	06:51 16:51	07:16 16:51
23	07:15 17:19	06:46 17:52	06:06 18:19	17:25 (5) 19:47	06:21 20:13	05:51 20:30	05:45 20:21	06:01 19:48	06:27 19:02	06:53 19:02	07:20 18:41 (5)	06:52 16:50	07:16 16:51
24	07:15 17:20	06:44 17:53	06:04 18:20	17:27 (5) 19:48	06:20 20:14	05:50 20:30	05:45 20:21	06:02 19:47	06:28 19:01	06:54 19:01	07:21 18:40 (5)	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	17:28 (5) 19:49	06:19 20:15	05:50 20:30	05:45 20:20	06:03 19:45	06:29 18:59	06:55 18:59	07:22 18:37 (5)	06:54 16:50	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	17:31 (5) 19:49	06:17 20:15	05:49 20:30	05:46 20:19	06:04 19:44	06:30 18:57	06:55 18:57	07:23 18:36 (5)	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	17:33 (5) 19:50	06:16 20:16	05:49 20:30	05:46 20:18	06:04 19:43	06:30 18:56	06:56 18:56	07:24 18:34 (5)	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	17:41 (5) 19:51	06:15 20:17	05:48 20:30	05:46 20:17	06:05 19:41	06:31 18:54	06:57 18:54	07:25 18:33 (5)	06:57 16:48	07:18 16:54
29	07:12 17:25		06:57 19:24	17:42 (5) 19:52	06:14 20:18	05:48 20:30	05:47 20:17	06:06 19:40	06:32 18:53	06:58 18:53	07:26 18:32 (5)	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	06:12 20:18	05:47 20:30	05:47 20:16	06:07 19:38	06:33 18:51	06:59 18:51	07:27 18:30 (5)	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		06:12 20:19	05:47 20:19	06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56	
Ore potenziali eliofanía	307	302	370		394	439	441	448	421	373	439	349	299
Totale, caso peggiore			623								198		

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: Analisi Ombreggiamento Recettore d'ombra: AG - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (276)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:09 20:14	06:35 19:35	07:00 18:50	18:03 (5) 18:29 (5)	06:29 17:08	07:00 16:48	
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	18:03 (5) 18:26 (5)	06:30 17:07	07:01 16:47	
3	07:20 16:59	07:08 17:31	06:35 18:00	17:37 (5) 19:29	06:49 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	18:03 (5) 18:25 (5)	06:31 17:06	07:02 16:47	
4	07:20 17:00	07:07 17:32	06:34 18:01	17:35 (5) 19:30	06:48 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	18:03 (5) 18:24 (5)	06:32 17:05	07:03 16:47	
5	07:20 17:01	07:06 17:33	06:32 18:02	17:32 (5) 19:31	06:46 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	18:04 (5) 18:22 (5)	06:33 17:04	07:04 16:47	
6	07:20 17:02	07:05 17:34	06:31 18:03	17:31 (5) 19:31	06:45 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	18:05 (5) 18:21 (5)	06:34 17:03	07:05 16:47	
7	07:20 17:02	07:04 17:35	06:29 18:04	17:29 (5) 19:32	06:43 19:59	05:44 20:23	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	18:06 (5) 18:19 (5)	06:35 17:02	07:05 16:47	
8	07:20 17:03	07:03 17:36	06:28 18:05	17:28 (5) 19:33	06:42 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	18:07 (5) 18:18 (5)	06:36 17:01	07:06 16:47	
9	07:20 17:04	07:02 17:37	06:27 18:06	17:26 (5) 19:34	06:40 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	18:09 (5) 18:16 (5)	06:37 17:00	07:07 16:47	
10	07:20 17:05	07:01 17:38	06:25 18:07	17:26 (5) 19:35	06:39 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	18:10 (5) 18:15 (5)	06:38 16:59	07:08 16:47	
11	07:20 17:06	07:00 17:39	06:24 18:08	17:24 (5) 19:36	06:38 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	18:11 (5) 18:14 (5)	06:39 16:58	07:09 16:47	
12	07:20 17:07	06:59 17:41	06:22 18:09	17:24 (5) 19:37	06:36 20:04	05:44 20:26	05:53 20:27	06:18 20:02	06:44 19:19	07:09 18:26 (5) 18:41 (5)	18:12 (5) 18:34	06:40 16:58	07:09 16:47	
13	07:19 17:08	06:58 17:42	06:21 18:10	17:23 (5) 19:38	06:35 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:17	07:10 18:25 (5) 18:42 (5)	18:13 (5) 18:32	06:41 16:57	07:10 16:48	
14	07:19 17:09	06:57 17:43	06:19 18:11	17:23 (5) 19:39	06:33 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:20 (5) 18:47 (5)	18:14 (5) 18:31	06:43 16:56	07:11 16:48	
15	07:19 17:10	06:56 17:44	06:18 18:12	17:22 (5) 19:40	06:32 20:06	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:17 (5) 18:48 (5)	18:15 (5) 18:29	06:44 16:55	07:12 16:48	
16	07:19 17:11	06:54 17:45	06:16 18:13	17:22 (5) 19:40	06:31 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:15 (5) 18:49 (5)	18:16 (5) 18:28	06:45 16:55	07:12 16:48	
17	07:18 17:12	06:53 17:46	06:15 18:13	17:21 (5) 19:41	06:29 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:13 (5) 18:50 (5)	18:17 (5) 18:27	06:46 16:54	07:13 16:49	
18	07:18 17:13	06:52 17:47	06:13 18:14	17:22 (5) 19:42	06:28 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:12 (5) 18:49 (5)	18:18 (5) 18:25	06:47 16:53	07:14 16:49	
19	07:17 17:14	06:51 17:48	06:12 18:15	17:21 (5) 19:43	06:26 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:11 (5) 18:47 (5)	18:19 (5) 18:24	06:48 16:53	07:14 16:49	
20	07:17 17:15	06:50 17:49	06:10 18:16	17:22 (5) 19:44	06:25 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:09 (5) 18:45 (5)	18:20 (5) 18:23	06:49 16:52	07:15 16:50	
21	07:17 17:16	06:48 17:50	06:09 18:17	17:21 (5) 19:45	06:24 20:11	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:08 (5) 18:44 (5)	18:24 (5) 18:21	06:50 16:51	07:15 16:50	
22	07:16 17:18	06:47 17:51	06:07 18:18	17:22 (5) 19:46	06:22 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:07 (5) 18:42 (5)	18:25 (5) 18:20	06:51 16:51	07:16 16:51	
23	07:16 17:19	06:46 17:52	06:06 18:19	17:22 (5) 19:47	06:21 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:06 (5) 18:41 (5)	18:26 (5) 18:19	06:52 16:50	07:16 16:51	
24	07:15 17:20	06:44 17:53	06:04 18:20	17:23 (5) 19:48	06:20 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:06 (5) 18:40 (5)	18:27 (5) 18:18	06:53 16:50	07:17 16:52	
25	07:14 17:21	06:43 17:54	06:03 18:21	17:23 (5) 19:49	06:19 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	07:22 18:04 (5) 18:37 (5)	18:28 (5) 17:16	06:54 16:50	07:17 16:52	
26	07:14 17:22	06:42 17:55	06:01 18:22	17:25 (5) 19:49	06:17 20:15	05:49 20:30	06:04 20:19	06:30 19:44	06:55 18:57	07:23 18:04 (5) 18:36 (5)	18:29 (5) 17:15	06:55 16:49	07:18 16:53	
27	07:13 17:23	06:41 17:56	06:00 18:23	17:25 (5) 19:50	06:16 20:16	05:49 20:30	06:04 20:18	06:30 19:43	06:56 18:56	07:24 18:03 (5) 18:34 (5)	18:30 (5) 17:14	06:56 16:49	07:18 16:54	
28	07:12 17:24	06:39 17:57	05:58 18:23	17:27 (5) 19:51	06:15 20:17	05:48 20:30	06:05 20:17	06:31 19:41	06:57 18:54	07:25 18:03 (5) 18:33 (5)	18:31 (5) 17:13	06:57 16:48	07:18 16:54	
29	07:12 17:25	06:39 19:24	05:58 18:23	17:27 (5) 19:52	06:15 20:18	05:48 20:30	06:05 20:17	06:31 19:40	06:57 18:53	07:26 18:03 (5) 18:32 (5)	18:32 (5) 17:12	06:58 16:48	07:19 16:55	
30	07:11 17:26	06:39 19:25	05:58 18:23	17:27 (5) 19:53	06:15 20:18	05:48 20:30	06:05 20:16	06:31 19:38	06:57 18:51	07:27 18:03 (5) 18:30 (5)	18:33 (5) 17:10	06:59 16:48	07:19 16:56	
31	07:10 17:27	06:39 19:26	05:58 18:23	17:27 (5) 18:50 (5)	06:15 20:19	05:48 20:30	06:05 20:15	06:31 19:37	06:57 18:51	07:28 18:03 (5) 17:09	18:34 (5) 16:48	07:20 16:56	07:19 16:56	
Ore potenziali eliofanía	307	302	370	394	439	441	448	421	373	598	349	163	306	299
Totale, caso peggiore			750											

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: Analisi Ombreggiamento Recettore d'ombra: AH - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (277)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	07:38 (5) 08:38 (5)	06:11 19:54	05:46 20:20	06:06 (4) 06:26 (4)	
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28	07:37 (5) 08:36 (5)	06:10 19:55	05:46 20:20	06:06 (4) 06:27 (4)	
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	07:38 (5) 08:36 (5)	06:09 19:56	05:46 20:21	06:06 (4) 06:27 (4)	
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	07:38 (5) 08:34 (5)	06:08 19:57	05:45 20:22	06:05 (4) 06:26 (4)	
5	07:20 17:01	07:06 17:33	06:32 18:02	07:08 (5) 07:24 (5)	06:46 19:31	07:39 (5) 08:33 (5)	06:07 19:58	05:45 20:22	06:05 (4) 06:27 (4)
6	07:20 17:02	07:05 17:34	06:31 18:03	07:04 (5) 07:29 (5)	06:45 19:32	07:39 (5) 08:31 (5)	06:06 19:59	05:45 20:23	06:05 (4) 06:27 (4)
7	07:20 17:03	07:04 17:35	06:29 18:04	07:00 (5) 07:31 (5)	06:43 19:32	07:41 (5) 08:30 (5)	06:05 19:59	05:45 20:24	06:05 (4) 06:27 (4)
8	07:20 17:03	07:03 17:36	06:28 18:05	06:57 (5) 07:34 (5)	06:42 19:33	07:42 (5) 08:29 (5)	06:04 20:00	05:44 20:24	06:05 (4) 06:27 (4)
9	07:20 17:04	07:02 17:37	06:27 18:06	06:54 (5) 07:35 (5)	06:40 19:34	07:43 (5) 08:27 (5)	06:03 20:01	05:44 20:25	06:05 (4) 06:28 (4)
10	07:20 17:05	07:01 17:38	06:25 18:07	06:53 (5) 07:37 (5)	06:39 19:35	07:44 (5) 08:25 (5)	06:02 20:02	05:44 20:25	06:04 (4) 06:27 (4)
11	07:20 17:06	07:00 17:40	06:24 18:08	06:52 (5) 07:39 (5)	06:38 19:36	07:45 (5) 08:22 (5)	06:01 20:03	05:44 20:26	06:04 (4) 06:27 (4)
12	07:20 17:07	06:59 17:41	06:22 18:09	06:49 (5) 07:40 (5)	06:36 19:37	07:47 (5) 08:20 (5)	06:00 20:04	05:44 20:26	06:04 (4) 06:27 (4)
13	07:19 17:08	06:58 17:42	06:21 18:10	06:48 (5) 07:41 (5)	06:35 19:38	07:49 (5) 08:17 (5)	05:59 20:05	05:44 20:27	06:04 (4) 06:27 (4)
14	07:19 17:09	06:57 17:43	06:19 18:11	06:47 (5) 07:42 (5)	06:33 19:39	07:52 (5) 08:14 (5)	05:58 20:06	05:44 20:27	06:04 (4) 06:27 (4)
15	07:19 17:10	06:56 17:44	06:18 18:12	06:46 (5) 07:43 (5)	06:32 19:40	07:57 (5) 08:09 (5)	05:57 20:07	05:44 20:27	06:04 (4) 06:27 (4)
16	07:19 17:11	06:54 17:45	06:16 18:13	06:44 (5) 07:43 (5)	06:31 19:41	05:56 20:07	06:15 (4) 06:18 (4)	05:44 20:28	06:04 (4) 06:27 (4)
17	07:18 17:12	06:53 17:46	06:15 18:13	06:44 (5) 07:44 (5)	06:29 19:41	05:55 20:08	06:15 (4) 06:20 (4)	05:44 20:28	06:05 (4) 06:28 (4)
18	07:18 17:13	06:52 17:47	06:13 18:14	06:42 (5) 07:43 (5)	06:28 19:42	05:55 20:09	06:14 (4) 06:21 (4)	05:44 20:28	06:05 (4) 06:28 (4)
19	07:18 17:14	06:51 17:48	06:12 18:15	06:42 (5) 07:44 (5)	06:26 19:43	05:54 20:10	06:13 (4) 06:22 (4)	05:44 20:29	06:05 (4) 06:28 (4)
20	07:17 17:15	06:50 17:49	06:10 18:16	06:41 (5) 07:44 (5)	06:25 19:44	05:53 20:11	06:12 (4) 06:22 (4)	05:44 20:29	06:05 (4) 06:28 (4)
21	07:17 17:17	06:48 17:50	06:09 18:17	06:40 (5) 07:43 (5)	06:24 19:45	05:52 20:12	06:12 (4) 06:23 (4)	05:44 20:29	06:05 (4) 06:28 (4)
22	07:16 17:18	06:47 17:51	06:07 18:18	06:39 (5) 07:43 (5)	06:22 19:46	05:52 20:12	06:11 (4) 06:24 (4)	05:45 20:29	06:05 (4) 06:28 (4)
23	07:16 17:19	06:46 17:52	06:06 18:19	06:38 (5) 07:43 (5)	06:21 19:47	05:51 20:13	06:11 (4) 06:25 (4)	05:45 20:30	06:06 (4) 06:29 (4)
24	07:15 17:20	06:45 17:53	06:04 18:20	06:38 (5) 07:43 (5)	06:20 19:48	05:50 20:14	06:10 (4) 06:25 (4)	05:45 20:30	06:06 (4) 06:29 (4)
25	07:14 17:21	06:43 17:54	06:03 18:21	06:38 (5) 07:42 (5)	06:19 19:49	05:50 20:15	06:09 (4) 06:25 (4)	05:45 20:30	06:06 (4) 06:29 (4)
26	07:14 17:22	06:42 17:55	06:01 18:22	06:38 (5) 07:42 (5)	06:17 19:50	05:49 20:15	06:09 (4) 06:26 (4)	05:46 20:30	06:07 (4) 06:30 (4)
27	07:13 17:23	06:41 17:56	06:00 18:23	06:37 (5) 07:41 (5)	06:16 19:50	05:49 20:16	06:08 (4) 06:25 (4)	05:46 20:30	06:07 (4) 06:30 (4)
28	07:12 17:24	06:39 17:57	05:58 18:23	06:38 (5) 07:41 (5)	06:15 19:51	05:48 20:17	06:08 (4) 06:26 (4)	05:46 20:30	06:07 (4) 06:30 (4)
29	07:12 17:25		06:57 19:24	06:37 (5) 08:40 (5)	06:14 19:52	05:48 20:18	06:07 (4) 06:26 (4)	05:47 20:30	06:08 (4) 06:31 (4)
30	07:11 17:26		06:55 19:25	07:37 (5) 08:39 (5)	06:12 19:53	05:47 20:18	06:07 (4) 06:26 (4)	05:47 20:30	06:08 (4) 06:31 (4)
31	07:10 17:27		06:54 19:26	07:37 (5) 08:38 (5)		05:47 20:19	06:07 (4) 06:27 (4)		
Ore potenziali eliofanìa	307	302	370	394	439	441			
Totale, caso peggiore			1460	652	213	677			

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: Analisi Ombreggiamento Recettore d'ombra: AH - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (277)
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	05:48		06:09 (4)	06:09	06:35		07:44 (5)	07:00	07:28 (5)		06:29	07:00
	20:30	23	06:32 (4)	20:14	19:36	37	08:21 (5)	18:50	08:20 (5)		17:08	16:48
2	05:48		06:09 (4)	06:09	06:36		07:42 (5)	07:01	07:30 (5)		06:30	07:01
	20:30	23	06:32 (4)	20:13	19:34	41	08:23 (5)	18:48	08:18 (5)		17:07	16:48
3	05:48		06:10 (4)	06:10	06:36		07:41 (5)	07:02	07:30 (5)		06:31	07:02
	20:30	23	06:33 (4)	20:12	19:33	44	08:25 (5)	18:47	08:16 (5)		17:06	16:47
4	05:49		06:10 (4)	06:11	06:37		07:39 (5)	07:02	07:31 (5)		06:32	07:03
	20:30	23	06:33 (4)	20:11	19:31	47	08:26 (5)	18:45	08:14 (5)		17:05	16:47
5	05:49		06:11 (4)	06:12	06:38		07:37 (5)	07:03	07:33 (5)		06:33	07:04
	20:30	22	06:33 (4)	20:10	19:30	49	08:26 (5)	18:44	08:12 (5)		17:04	16:47
6	05:50		06:11 (4)	06:13	06:39		07:35 (5)	07:04	07:35 (5)		06:34	07:05
	20:29	22	06:33 (4)	20:09	19:28	52	08:27 (5)	18:42	08:09 (5)		17:03	16:47
7	05:51		06:12 (4)	06:14	06:40		07:34 (5)	07:05	07:37 (5)		06:35	07:05
	20:29	22	06:34 (4)	20:08	19:27	54	08:28 (5)	18:41	08:06 (5)		17:02	16:47
8	05:51		06:12 (4)	06:14	06:41		07:33 (5)	07:06	07:41 (5)		06:36	07:06
	20:29	22	06:34 (4)	20:07	19:25	56	08:29 (5)	18:39	08:02 (5)		17:01	16:47
9	05:52		06:13 (4)	06:15	06:41		07:32 (5)	07:07	07:47 (5)		06:37	07:07
	20:29	21	06:34 (4)	20:06	19:24	58	08:30 (5)	18:38	07:56 (5)		17:00	16:47
10	05:52		06:13 (4)	06:16	06:42		07:31 (5)	07:08			06:38	07:08
	20:28	21	06:34 (4)	20:05	19:22	58	08:29 (5)	18:37			16:59	16:47
11	05:53		06:14 (4)	06:17	06:43		07:30 (5)	07:09			06:39	07:09
	20:28	20	06:34 (4)	20:03	19:21	60	08:30 (5)	18:35			16:59	16:47
12	05:54		06:15 (4)	06:18	06:44		07:29 (5)	07:10			06:40	07:10
	20:28	20	06:35 (4)	20:02	19:19	61	08:30 (5)	18:34			16:58	16:48
13	05:54		06:15 (4)	06:19	06:45		07:29 (5)	07:10			06:42	07:10
	20:27	19	06:34 (4)	20:01	19:18	62	08:31 (5)	18:32			16:57	16:48
14	05:55		06:16 (4)	06:20	06:45		07:28 (5)	07:11			06:43	07:11
	20:27	19	06:35 (4)	20:00	19:16	63	08:31 (5)	18:31			16:56	16:48
15	05:56		06:17 (4)	06:20	06:46		07:27 (5)	07:12			06:44	07:12
	20:26	18	06:35 (4)	19:59	19:14	63	08:30 (5)	18:30			16:55	16:48
16	05:56		06:17 (4)	06:21	06:47		07:26 (5)	07:13			06:45	07:12
	20:26	18	06:35 (4)	19:57	19:13	64	08:30 (5)	18:28			16:55	16:48
17	05:57		06:18 (4)	06:22	06:48		07:26 (5)	07:14			06:46	07:13
	20:25	17	06:35 (4)	19:56	19:11	64	08:30 (5)	18:27			16:54	16:49
18	05:58		06:19 (4)	06:23	06:49		07:26 (5)	07:15			06:47	07:14
	20:25	16	06:35 (4)	19:55	19:10	64	08:30 (5)	18:25			16:53	16:49
19	05:58		06:19 (4)	06:24	06:50		07:26 (5)	07:16			06:48	07:14
	20:24	15	06:34 (4)	19:54	19:08	64	08:30 (5)	18:24			16:53	16:50
20	05:59		06:20 (4)	06:25	06:50		07:25 (5)	07:17			06:49	07:15
	20:23	14	06:34 (4)	19:52	19:07	64	08:29 (5)	18:23			16:52	16:50
21	06:00		06:21 (4)	06:25	06:51		07:25 (5)	07:18			06:50	07:15
	20:23	13	06:34 (4)	19:51	19:05	64	08:29 (5)	18:21			16:52	16:50
22	06:01		06:22 (4)	06:26	06:52		07:25 (5)	07:19			06:51	07:16
	20:22	12	06:34 (4)	19:50	19:04	63	08:28 (5)	18:20			16:51	16:51
23	06:01		06:22 (4)	06:27	06:53		07:25 (5)	07:20			06:52	07:16
	20:21	11	06:33 (4)	19:48	19:02	63	08:28 (5)	18:19			16:51	16:51
24	06:02		06:23 (4)	06:28	06:54		07:25 (5)	07:21			06:53	07:17
	20:21	9	06:32 (4)	19:47	19:01	62	08:27 (5)	18:18			16:50	16:52
25	06:03		06:24 (4)	06:29	06:55		07:25 (5)	06:22			06:54	07:17
	20:20	8	06:32 (4)	19:46	18:59	62	08:27 (5)	17:16			16:50	16:52
26	06:04		06:25 (4)	06:30	06:56		07:25 (5)	06:23			06:55	07:18
	20:19	6	06:31 (4)	19:44	18:58	60	08:25 (5)	17:15			16:49	16:53
27	06:05		06:25 (4)	06:31	06:56		07:25 (5)	06:24			06:56	07:18
	20:18	4	06:29 (4)	19:43	18:56	59	08:24 (5)	17:14			16:49	16:54
28	06:05		06:26 (4)	06:31	06:57		07:26 (5)	06:25			06:57	07:18
	20:18	1	06:27 (4)	19:41	07:57 (5)	14	08:11 (5)	18:54			16:49	16:54
29	06:06			06:32	07:53 (5)		07:27 (5)	06:26			06:58	07:19
	20:17			19:40	08:15 (5)	22	18:53	17:12			16:48	16:55
30	06:07			06:33	07:50 (5)		06:59	06:27			06:59	07:19
	20:16			19:38	08:18 (5)	28	18:51	17:10			16:48	16:56
31	06:08			06:34	07:47 (5)			06:28				07:19
	20:15			19:37	08:20 (5)	33		17:09				16:57
Ore potenziali eliofanìa	448			421		373		349			306	299
Totale, caso peggiore	462			97		1724		321				

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: Analisi Ombreggiamento Recettore d'ombra: AI - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (278)
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	07:20 16:58	07:09 17:29	06:38 17:58		06:52 19:27	42	07:32 (5) 08:14 (5)	06:11 19:54	05:46 20:20	06:11 (4) 06:23 (4)
2	07:20 16:58	07:09 17:30	06:37 17:59		06:51 19:28	40	07:32 (5) 08:12 (5)	06:10 19:55	05:46 20:20	06:13 (4) 06:23 (4)
3	07:20 16:59	07:08 17:31	06:35 18:00		06:49 19:29	37	07:34 (5) 08:11 (5)	06:09 19:56	05:46 20:21	06:15 (4) 06:22 (4)
4	07:20 17:00	07:07 17:32	06:34 18:01		06:48 19:30	35	07:34 (5) 08:09 (5)	06:08 19:57	05:45 20:22	
5	07:20 17:01	07:06 17:33	06:32 18:02		06:46 19:31	31	07:36 (5) 08:07 (5)	06:07 19:58	05:45 20:22	
6	07:20 17:02	07:05 17:34	06:31 18:03		06:45 19:32	26	07:38 (5) 08:04 (5)	06:06 19:59	05:45 20:23	
7	07:20 17:03	07:04 17:35	06:29 18:04		06:43 19:32	22	07:40 (5) 08:02 (5)	06:05 20:00	05:45 20:24	
8	07:20 17:03	07:03 17:36	06:28 18:05	15	06:53 (5) 07:08 (5)	14	07:44 (5) 07:58 (5)	06:04 20:00	05:44 20:24	
9	07:20 17:04	07:02 17:37	06:27 18:06	23	06:48 (5) 07:11 (5)		06:41 19:34	06:03 20:01	06:21 (4) 06:24 (4)	05:44 20:25
10	07:20 17:05	07:01 17:38	06:25 18:07	28	06:46 (5) 07:14 (5)		06:39 19:35	06:02 20:02	06:20 (4) 06:25 (4)	05:44 20:25
11	07:20 17:06	07:00 17:40	06:24 18:08	32	06:44 (5) 07:16 (5)		06:38 19:36	06:01 20:03	06:19 (4) 06:26 (4)	05:44 20:26
12	07:20 17:07	06:59 17:41	06:22 18:09	35	06:42 (5) 07:17 (5)		06:36 19:37	06:00 20:04	06:19 (4) 06:27 (4)	05:44 20:26
13	07:19 17:08	06:58 17:42	06:21 18:10	39	06:40 (5) 07:19 (5)		06:35 19:38	05:59 20:05	06:18 (4) 06:28 (4)	05:44 20:27
14	07:19 17:09	06:57 17:43	06:19 18:11	42	06:38 (5) 07:20 (5)		06:33 19:39	05:58 20:06	06:17 (4) 06:28 (4)	05:44 20:27
15	07:19 17:10	06:56 17:44	06:18 18:12	43	06:38 (5) 07:21 (5)		06:32 19:40	05:57 20:07	06:16 (4) 06:28 (4)	05:44 20:27
16	07:19 17:11	06:54 17:45	06:16 18:13	45	06:36 (5) 07:21 (5)		06:31 19:41	05:56 20:07	06:15 (4) 06:28 (4)	05:44 20:28
17	07:18 17:12	06:53 17:46	06:15 18:13	47	06:35 (5) 07:22 (5)		06:29 19:41	05:55 20:08	06:15 (4) 06:29 (4)	05:44 20:28
18	07:18 17:13	06:52 17:47	06:13 18:14	48	06:34 (5) 07:22 (5)		06:28 19:42	05:55 20:09	06:14 (4) 06:29 (4)	05:44 20:28
19	07:18 17:14	06:51 17:48	06:12 18:15	48	06:34 (5) 07:22 (5)		06:26 19:43	05:54 20:10	06:13 (4) 06:28 (4)	05:44 20:29
20	07:17 17:15	06:50 17:49	06:10 18:16	50	06:32 (5) 07:22 (5)		06:25 19:44	05:53 20:11	06:12 (4) 06:28 (4)	05:44 20:29
21	07:17 17:17	06:48 17:50	06:09 18:17	50	06:31 (5) 07:21 (5)		06:24 19:45	05:52 20:12	06:12 (4) 06:29 (4)	05:44 20:29
22	07:16 17:18	06:47 17:51	06:07 18:18	51	06:31 (5) 07:22 (5)		06:22 19:46	05:52 20:12	06:11 (4) 06:28 (4)	05:45 20:29
23	07:16 17:19	06:46 17:52	06:06 18:19	51	06:30 (5) 07:21 (5)		06:21 19:47	05:51 20:13	06:11 (4) 06:28 (4)	05:45 20:30
24	07:15 17:20	06:45 17:53	06:04 18:20	50	06:31 (5) 07:21 (5)		06:20 19:48	05:50 20:14	06:10 (4) 06:28 (4)	05:45 20:30
25	07:14 17:21	06:43 17:54	06:03 18:21	50	06:30 (5) 07:20 (5)		06:19 19:49	05:50 20:15	06:09 (4) 06:27 (4)	05:45 20:30
26	07:14 17:22	06:42 17:55	06:01 18:22	50	06:30 (5) 07:20 (5)		06:17 19:50	05:49 20:15	06:09 (4) 06:27 (4)	05:46 20:30
27	07:13 17:23	06:41 17:56	06:00 18:23	49	06:30 (5) 07:19 (5)		06:16 19:50	05:49 20:16	06:08 (4) 06:26 (4)	05:46 20:30
28	07:12 17:24	06:39 17:57	05:58 18:23	47	06:31 (5) 07:18 (5)		06:15 19:51	05:48 20:17	06:08 (4) 06:26 (4)	05:46 20:30
29	07:12 17:25		06:57 19:24	47	07:30 (5) 08:17 (5)		06:14 19:52	05:48 20:18	06:08 (4) 06:25 (4)	05:47 20:30
30	07:11 17:26		06:55 19:25	45	07:31 (5) 08:16 (5)		06:12 19:53	05:47 20:18	06:10 (4) 06:25 (4)	05:47 20:30
31	07:10 17:27		06:54 19:26	44	07:31 (5) 08:15 (5)			05:47 20:19	06:11 (4) 06:25 (4)	
Ore potenziali eliofania	307	302	370		394		439		441	
Totale, caso peggiore			1029		247		316		29	

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: Analisi Ombreggiamento Recettore d'ombra: AI - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (278)
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	05:48 20:30	06:09 20:14	06:29 (4) 19:36	07:00 18:50	07:21 (5) 17:08	07:00 16:48
2	05:48 20:30	06:09 20:13	06:30 (4) 19:34	07:01 18:48	07:22 (5) 17:07	07:01 16:48
3	05:48 20:30	06:10 20:12	06:31 (4) 19:33	07:02 18:47	07:23 (5) 17:06	07:02 16:47
4	05:49 20:30	06:11 20:11	06:32 (4) 19:31	07:41 (5) 18:45	07:25 (5) 17:05	07:03 16:47
5	05:49 20:30	06:12 20:10	06:38 19:30	07:36 (5) 18:44	07:28 (5) 17:04	07:04 16:47
6	05:50 20:29	06:13 20:09	06:39 19:28	07:34 (5) 18:42	07:33 (5) 17:03	07:05 16:47
7	05:51 20:29	06:14 20:08	06:40 19:27	07:31 (5) 18:41	07:05 17:02	07:05 16:47
8	05:51 20:29	06:15 20:07	06:41 19:25	07:30 (5) 18:39	07:06 17:01	07:06 16:47
9	05:52 20:29	06:23 (4) 20:06	06:41 19:24	07:28 (5) 18:38	07:07 17:00	07:07 16:47
10	05:52 20:28	06:21 (4) 20:05	06:42 19:22	07:26 (5) 18:37	07:08 16:59	07:08 16:47
11	05:53 20:28	06:20 (4) 20:03	06:43 19:21	07:24 (5) 18:35	07:09 16:59	07:09 16:47
12	05:54 20:28	06:20 (4) 20:02	06:44 19:19	07:23 (5) 18:34	07:10 16:58	07:10 16:48
13	05:54 20:27	06:18 (4) 20:01	06:45 19:18	07:22 (5) 18:32	07:10 16:57	07:10 16:48
14	05:55 20:27	06:18 (4) 20:00	06:45 19:16	07:22 (5) 18:31	07:11 16:56	07:11 16:48
15	05:56 20:26	06:18 (4) 19:59	06:46 19:14	07:20 (5) 18:30	07:12 16:55	07:12 16:48
16	05:56 20:26	06:17 (4) 19:57	06:47 19:13	07:19 (5) 18:28	07:13 16:55	07:12 16:48
17	05:57 20:25	06:18 (4) 19:56	06:48 19:11	07:19 (5) 18:27	07:14 16:54	07:13 16:49
18	05:58 20:25	06:19 (4) 19:55	06:49 19:10	07:18 (5) 18:25	07:15 16:53	07:14 16:49
19	05:58 20:24	06:19 (4) 19:54	06:50 19:08	07:18 (5) 18:24	07:16 16:53	07:14 16:50
20	05:59 20:23	06:20 (4) 19:52	06:50 19:07	07:17 (5) 18:23	07:17 16:52	07:15 16:50
21	06:00 20:23	06:21 (4) 19:51	06:51 19:05	07:17 (5) 18:21	07:18 16:52	07:15 16:50
22	06:01 20:22	06:22 (4) 19:50	06:52 19:04	07:17 (5) 18:20	07:19 16:51	07:16 16:51
23	06:01 20:21	06:22 (4) 19:48	06:53 19:02	07:17 (5) 18:19	07:20 16:51	07:16 16:51
24	06:02 20:21	06:23 (4) 19:47	06:54 19:01	07:17 (5) 18:18	07:21 16:50	07:17 16:52
25	06:03 20:20	06:24 (4) 19:46	06:55 18:59	07:17 (5) 18:16	06:22 16:50	07:17 16:53
26	06:04 20:19	06:25 (4) 19:44	06:56 18:58	07:17 (5) 18:15	06:23 16:49	07:18 16:53
27	06:05 20:18	06:25 (4) 19:43	06:56 18:56	07:17 (5) 18:14	06:24 16:49	07:18 16:54
28	06:05 20:18	06:26 (4) 19:41	06:57 18:54	07:18 (5) 18:13	06:25 16:49	07:18 16:54
29	06:06 20:17	06:27 (4) 19:40	06:58 18:53	07:18 (5) 18:12	06:26 16:48	07:19 16:55
30	06:07 20:16	06:28 (4) 19:38	06:59 18:51	07:19 (5) 18:10	06:27 16:48	07:19 16:56
31	06:08 20:15	06:29 (4) 19:37	06:34 (4) 19:37	07:19 (5) 17:09	06:28 16:57	07:19 16:57
Ore potenziali eliofanìa	448	421	373	349	306	299
Totale, caso peggiore	328	20	1139	153		

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: Analisi Ombreggiamento Recettore d'ombra: AJ - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (279)
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	07:20 16:58	07:09 17:29	06:38 17:58		06:52 19:27	43	07:22 (5) 08:05 (5)	06:11 19:54	05:46 20:20
2	07:20 16:58	07:09 17:30	06:37 17:59		06:51 19:28	41	07:22 (5) 08:03 (5)	06:10 19:55	05:46 20:20
3	07:20 16:59	07:08 17:31	06:35 18:00		06:49 19:29	39	07:23 (5) 08:02 (5)	06:09 19:56	05:46 20:21
4	07:20 17:00	07:07 17:32	06:34 18:01		06:48 19:30	38	07:23 (5) 08:01 (5)	06:08 19:57	05:45 20:22
5	07:20 17:01	07:06 17:33	06:32 18:02		06:46 19:31	35	07:25 (5) 08:00 (5)	06:07 19:58	05:45 20:22
6	07:20 17:02	07:05 17:34	06:31 18:03		06:45 19:32	32	07:25 (5) 07:57 (5)	06:06 19:59	05:45 20:23
7	07:20 17:03	07:04 17:35	06:29 18:04		06:43 19:32	29	07:27 (5) 07:56 (5)	06:05 20:00	05:45 20:24
8	07:20 17:03	07:03 17:36	06:28 18:05		06:42 19:33	25	07:29 (5) 07:54 (5)	06:04 20:00	05:44 20:24
9	07:20 17:04	07:02 17:37	06:27 18:06		06:41 19:34	20	07:31 (5) 07:51 (5)	06:03 20:01	05:44 20:25
10	07:20 17:05	07:01 17:38	06:25 18:07		06:39 19:35	12	07:35 (5) 07:47 (5)	06:02 20:02	05:44 20:25
11	07:20 17:06	07:00 17:40	06:24 18:08		06:38 19:36			06:01 20:03	05:44 20:26
12	07:20 17:07	06:59 17:41	06:22 18:09	6	06:47 (5) 06:53 (5)			06:00 20:04	05:44 20:26
13	07:19 17:08	06:58 17:42	06:21 18:10	18	06:41 (5) 06:59 (5)			05:59 20:05	05:44 20:27
14	07:19 17:09	06:57 17:43	06:19 18:11	24	06:37 (5) 07:01 (5)			05:58 20:06	05:44 20:27
15	07:19 17:10	06:56 17:44	06:18 18:12	28	06:36 (5) 07:04 (5)			05:57 20:07	05:44 20:27
16	07:19 17:11	06:54 17:45	06:16 18:13	31	06:34 (5) 07:05 (5)			05:56 20:07	05:44 20:28
17	07:18 17:12	06:53 17:46	06:15 18:13	33	06:33 (5) 07:06 (5)			05:55 20:08	05:44 20:28
18	07:18 17:13	06:52 17:47	06:13 18:14	36	06:31 (5) 07:07 (5)			05:55 20:09	05:44 20:28
19	07:18 17:14	06:51 17:48	06:12 18:15	38	06:30 (5) 07:08 (5)			05:54 20:10	05:44 20:29
20	07:17 17:15	06:50 17:49	06:10 18:16	40	06:28 (5) 07:08 (5)			05:53 20:11	05:44 20:29
21	07:17 17:17	06:48 17:50	06:09 18:17	42	06:27 (5) 07:09 (5)			05:52 20:12	05:44 20:29
22	07:16 17:18	06:47 17:51	06:07 18:18	44	06:25 (5) 07:09 (5)			05:52 20:12	05:45 20:29
23	07:16 17:19	06:46 17:52	06:06 18:19	44	06:24 (5) 07:08 (5)			05:51 20:13	05:45 20:30
24	07:15 17:20	06:45 17:53	06:04 18:20	45	06:24 (5) 07:09 (5)			05:50 20:14	05:45 20:30
25	07:14 17:21	06:43 17:54	06:03 18:21	45	06:23 (5) 07:08 (5)			05:50 20:15	05:45 20:30
26	07:14 17:22	06:42 17:55	06:01 18:22	46	06:23 (5) 07:09 (5)			05:49 20:15	05:46 20:30
27	07:13 17:23	06:41 17:56	06:00 18:23	46	06:22 (5) 07:08 (5)			05:49 20:16	05:46 20:30
28	07:12 17:24	06:39 17:57	05:58 18:23	46	06:22 (5) 07:08 (5)			05:48 20:17	05:46 20:30
29	07:12 17:25		06:57 19:24	46	07:21 (5) 08:07 (5)			05:48 20:18	05:47 20:30
30	07:11 17:26		06:55 19:25	44	07:22 (5) 08:06 (5)			05:47 20:18	05:47 20:30
31	07:10 17:27		06:54 19:26	43	07:22 (5) 08:05 (5)			05:47 20:19	05:47 20:30
Ore potenziali eliofanìa	307	302	370		394		439		441
Totale, caso peggiore			745		314		268		

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: Analisi Ombreggiamento Recettore d'ombra: AJ - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (279)
Assunzioni sui calcoli d'ombra

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

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:48 20:30	06:09 20:14	06:29 (4) 19:36	06:35 19:36	07:00 18:50	07:23 (5) 17:08
2	05:48 20:30	06:09 20:13	06:30 (4) 19:34	06:36 19:34	07:33 (5) 18:48	07:01 17:07
3	05:48 20:30	06:10 20:12	06:31 (4) 19:33	06:36 19:33	07:29 (5) 18:47	07:02 17:06
4	05:49 20:30	06:11 20:11	06:32 (4) 19:31	06:37 19:31	07:26 (5) 18:45	07:02 17:05
5	05:49 20:30	06:12 20:10	06:34 (4) 19:30	06:38 19:30	07:23 (5) 18:44	07:03 17:04
6	05:50 20:29	06:13 20:09	06:39 19:28	06:39 19:28	07:21 (5) 18:42	07:04 17:03
7	05:51 20:29	06:14 20:08	06:40 19:27	06:40 19:27	07:20 (5) 18:41	07:05 17:02
8	05:51 20:29	06:15 20:07	06:41 19:25	06:41 19:25	07:18 (5) 18:40	07:06 17:01
9	05:52 20:29	06:15 20:06	06:41 19:24	06:41 19:24	07:17 (5) 18:38	07:07 17:00
10	05:52 20:28	06:16 20:05	06:42 19:22	06:42 19:22	07:15 (5) 18:37	07:08 16:59
11	05:53 20:28	06:17 20:03	06:43 19:21	06:43 19:21	07:15 (5) 18:35	07:09 16:59
12	05:54 20:28	06:24 (4) 20:02	06:18 19:19	06:44 19:19	07:14 (5) 18:34	07:10 16:58
13	05:54 20:27	06:21 (4) 20:01	06:19 19:18	06:45 19:18	07:13 (5) 18:32	07:10 16:57
14	05:55 20:27	06:20 (4) 20:00	06:20 19:16	06:45 19:16	07:13 (5) 18:31	07:11 16:56
15	05:56 20:26	06:19 (4) 19:59	06:20 19:14	06:46 19:14	07:11 (5) 18:30	07:12 16:55
16	05:56 20:26	06:18 (4) 19:57	06:21 19:13	06:47 19:13	07:11 (5) 18:28	07:13 16:55
17	05:57 20:25	06:18 (4) 19:56	06:22 19:11	06:48 19:11	07:11 (5) 18:27	07:14 16:54
18	05:58 20:25	06:19 (4) 19:55	06:23 19:10	06:49 19:10	07:11 (5) 18:25	07:15 16:53
19	05:58 20:24	06:19 (4) 19:54	06:24 19:08	06:50 19:08	07:11 (5) 18:24	07:16 16:53
20	05:59 20:23	06:20 (4) 19:52	06:25 19:07	06:50 19:07	07:10 (5) 18:23	07:17 16:52
21	06:00 20:23	06:21 (4) 19:51	06:26 19:05	06:51 19:05	07:10 (5) 18:21	07:18 16:52
22	06:01 20:22	06:22 (4) 19:50	06:26 19:04	06:52 19:04	07:11 (5) 18:20	07:19 16:51
23	06:01 20:21	06:22 (4) 19:48	06:27 19:02	06:53 19:02	07:12 (5) 18:19	07:20 16:51
24	06:02 20:21	06:23 (4) 19:47	06:28 19:01	06:54 19:01	07:13 (5) 18:18	07:21 16:50
25	06:03 20:20	06:24 (4) 19:46	06:29 18:59	06:55 18:59	07:14 (5) 17:16	06:22 16:50
26	06:04 20:19	06:25 (4) 19:44	06:30 18:58	06:56 18:58	07:14 (5) 17:15	06:23 16:49
27	06:05 20:18	06:25 (4) 19:43	06:31 18:56	06:56 18:56	07:15 (5) 17:14	06:24 16:49
28	06:05 20:18	06:26 (4) 19:41	06:31 18:54	06:57 18:54	07:16 (5) 17:13	06:25 16:49
29	06:06 20:17	06:27 (4) 19:40	06:32 18:53	06:58 18:53	07:17 (5) 17:12	06:26 16:48
30	06:07 20:16	06:28 (4) 19:38	06:33 18:51	06:59 18:51	07:19 (5) 17:10	06:27 16:48
31	06:08 20:15	06:29 (4) 19:37	06:34 19:37		06:28 17:09	
Ore potenziali eliofanìa	448	421	373	349	306	299
Totale, caso peggiore	253	18	1065	12		

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: Analisi Ombreggiamento Recettore d'ombra: AK - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (280)
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	07:20 16:58	07:09 17:29	06:38 17:58		06:52 19:27	44	07:11 (5) 19:54	06:11 19:54	05:46 20:20	10	06:08 (4) 06:18 (4)
2	07:20 16:58	07:09 17:30	06:37 17:59		06:51 19:28	44	07:10 (5) 19:55	06:10 19:55	05:46 20:20	7	06:10 (4) 06:17 (4)
3	07:20 16:59	07:08 17:31	06:35 18:00		06:49 19:29	43	07:11 (5) 19:56	06:09 19:56	05:46 20:21	4	06:12 (4) 06:16 (4)
4	07:20 17:00	07:07 17:32	06:34 18:01		06:48 19:30	43	07:10 (5) 19:57	06:08 19:57	05:45 20:22		
5	07:20 17:01	07:06 17:33	06:32 18:02		06:46 19:31	42	07:11 (5) 19:58	06:07 19:58	05:45 20:22		
6	07:20 17:02	07:05 17:34	06:31 18:03		06:45 19:32	40	07:11 (5) 19:59	06:06 19:59	05:45 20:23		
7	07:20 17:03	07:04 17:35	06:30 18:04		06:43 19:32	38	07:12 (5) 20:00	06:05 20:00	05:45 20:24		
8	07:20 17:03	07:03 17:36	06:28 18:05		06:42 19:33	37	07:13 (5) 20:00	06:04 20:00	05:44 20:24		
9	07:20 17:04	07:02 17:37	06:27 18:06		06:41 19:34	35	07:13 (5) 20:01	06:03 20:01	05:44 20:25		
10	07:20 17:05	07:01 17:38	06:25 18:07		06:39 19:35	32	07:14 (5) 20:02	06:02 20:02	05:44 20:25		
11	07:20 17:06	07:00 17:40	06:24 18:08		06:38 19:36	29	07:15 (5) 20:03	06:01 20:03	06:19 (4) 20:26		
12	07:20 17:07	06:59 17:41	06:22 18:09		06:36 19:37	25	07:17 (5) 20:04	06:00 20:04	06:19 (4) 20:26		
13	07:19 17:08	06:58 17:42	06:21 18:10		06:35 19:38	21	07:18 (5) 20:05	05:59 20:05	06:18 (4) 20:27		
14	07:19 17:09	06:57 17:43	06:19 18:11		06:33 19:39	14	07:22 (5) 20:06	05:58 20:06	06:17 (4) 20:27		
15	07:19 17:10	06:56 17:44	06:18 18:12		06:32 19:40		05:57 20:07	05:57 20:07	06:16 (4) 20:27		
16	07:19 17:11	06:54 17:45	06:16 18:13		06:31 19:41		05:56 20:07	05:56 20:07	06:15 (4) 20:28		
17	07:18 17:12	06:53 17:46	06:15 18:14	3	06:37 (5) 06:40 (5)		06:29 19:41	05:55 20:08	06:15 (4) 20:28		
18	07:18 17:13	06:52 17:47	06:13 18:14	15	06:31 (5) 06:46 (5)		06:28 19:42	05:55 20:09	06:14 (4) 20:28		
19	07:18 17:14	06:51 17:48	06:12 18:15	19	06:30 (5) 06:49 (5)		06:26 19:43	05:54 20:10	06:13 (4) 20:29		
20	07:17 17:15	06:50 17:49	06:10 18:16	23	06:28 (5) 06:51 (5)		06:25 19:44	05:53 20:11	06:12 (4) 20:29		
21	07:17 17:17	06:48 17:50	06:09 18:17	26	06:27 (5) 06:53 (5)		06:24 19:45	05:52 20:12	06:12 (4) 20:29		
22	07:16 17:18	06:47 17:51	06:07 18:18	28	06:25 (5) 06:53 (5)		06:22 19:46	05:52 20:12	06:11 (4) 20:29		
23	07:16 17:19	06:46 17:52	06:06 18:19	31	06:23 (5) 06:54 (5)		06:21 19:47	05:51 20:13	06:11 (4) 20:30		
24	07:15 17:20	06:45 17:53	06:04 18:20	33	06:22 (5) 06:55 (5)		06:20 19:48	05:50 20:14	06:10 (4) 20:30		
25	07:14 17:21	06:43 17:54	06:03 18:21	35	06:20 (5) 06:55 (5)		06:19 19:49	05:50 20:15	06:09 (4) 20:30		
26	07:14 17:22	06:42 17:55	06:01 18:22	37	06:19 (5) 06:56 (5)		06:17 19:50	05:49 20:15	06:09 (4) 20:30		
27	07:13 17:23	06:41 17:56	06:00 18:23	39	06:17 (5) 06:56 (5)		06:16 19:50	05:49 20:16	06:08 (4) 20:30		
28	07:12 17:24	06:39 17:57	05:58 18:23	40	06:16 (5) 06:56 (5)		06:15 19:51	05:48 20:17	06:08 (4) 20:30		
29	07:12 17:25		06:57 19:24	42	07:14 (5) 07:56 (5)		06:14 19:52	05:48 20:18	06:08 (4) 20:30		
30	07:11 17:26		06:55 19:25	43	07:13 (5) 07:56 (5)		06:13 19:53	05:47 20:18	06:07 (4) 20:30		
31	07:10 17:27		06:54 19:26	44	07:11 (5) 07:55 (5)			05:47 20:19	06:08 (4) 20:30		
Ore potenziali eliofanìa	307	302	370		394		439		441	21	
Totale, caso peggiore				458		487		207			

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: Analisi Ombreggiamento Recettore d'ombra: AK - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (280)
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	05:48 20:30	06:09 20:14	06:29 (4) 06:35	07:14 (5) 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	05:48 20:30	06:09 20:13	06:36 19:34	07:12 (5) 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	05:48 20:30	06:10 20:12	06:36 19:33	07:11 (5) 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	05:49 20:30	06:11 20:11	06:37 19:31	07:10 (5) 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	05:49 20:30	06:12 20:10	06:38 19:30	07:08 (5) 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	05:50 20:29	06:13 20:09	06:39 19:28	07:07 (5) 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	05:51 20:29	06:14 20:08	06:40 19:27	07:06 (5) 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	05:51 20:29	06:15 20:07	06:41 19:25	07:05 (5) 19:25	07:06 18:40	06:36 17:01	07:06 16:47
9	05:52 20:29	06:15 20:06	06:41 19:24	07:05 (5) 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	05:52 20:28	06:18 (4) 06:24 (4)	06:16 20:05	06:42 19:22	07:04 (5) 18:37	06:38 16:59	07:08 16:47
11	05:53 20:28	06:17 (4) 06:26 (4)	06:17 20:03	06:43 19:21	07:03 (5) 18:35	06:39 16:59	07:09 16:47
12	05:54 20:28	06:16 (4) 06:27 (4)	06:18 20:02	06:44 19:19	07:03 (5) 18:34	06:40 16:58	07:10 16:48
13	05:54 20:27	06:15 (4) 06:28 (4)	06:19 20:01	06:45 19:18	07:04 (5) 18:32	06:42 16:57	07:10 16:48
14	05:55 20:27	06:16 (4) 06:29 (4)	06:20 20:00	06:46 19:16	07:05 (5) 18:31	06:43 16:56	07:11 16:48
15	05:56 20:26	06:17 (4) 06:30 (4)	06:20 19:59	06:46 19:14	07:05 (5) 18:30	06:44 16:55	07:12 16:48
16	05:56 20:26	06:17 (4) 06:30 (4)	06:21 19:57	06:47 19:13	07:06 (5) 18:28	06:45 16:55	07:12 16:48
17	05:57 20:25	06:18 (4) 06:31 (4)	06:22 19:56	06:48 19:11	07:07 (5) 18:27	06:46 16:54	07:13 16:49
18	05:58 20:25	06:19 (4) 06:32 (4)	06:23 19:55	06:49 19:10	07:08 (5) 18:25	06:47 16:53	07:14 16:49
19	05:58 20:24	06:19 (4) 06:32 (4)	06:24 19:54	06:50 19:08	07:09 (5) 18:24	06:48 16:53	07:14 16:50
20	05:59 20:23	06:20 (4) 06:33 (4)	06:25 19:52	06:50 19:07	07:09 (5) 18:23	06:49 16:52	07:15 16:50
21	06:00 20:23	06:21 (4) 06:33 (4)	06:26 19:51	06:51 19:05	07:10 (5) 18:21	06:50 16:52	07:15 16:50
22	06:01 20:22	06:22 (4) 06:34 (4)	06:26 19:50	06:52 19:04	07:11 (5) 18:20	06:51 16:51	07:16 16:51
23	06:01 20:21	06:22 (4) 06:33 (4)	06:27 19:48	06:53 19:02	07:12 (5) 18:19	06:52 16:51	07:16 16:51
24	06:02 20:21	06:23 (4) 06:34 (4)	06:28 19:47	06:54 19:01	07:13 (5) 18:18	06:53 16:50	07:17 16:52
25	06:03 20:20	06:24 (4) 06:34 (4)	06:29 19:46	06:55 18:59	07:14 (5) 17:16	06:54 16:50	07:17 16:53
26	06:04 20:19	06:25 (4) 06:34 (4)	06:30 19:44	06:56 18:58	07:15 (5) 17:15	06:55 16:49	07:18 16:53
27	06:05 20:18	06:25 (4) 06:33 (4)	06:31 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	06:05 20:18	06:26 (4) 06:33 (4)	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:49	07:18 16:54
29	06:06 20:17	06:27 (4) 06:33 (4)	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	06:07 20:16	06:28 (4) 06:33 (4)	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	06:08 20:15	06:29 (4) 06:32 (4)	06:34 19:37	07:17 (5) 07:42 (5)	06:28 17:09	07:19 16:57	07:19 16:57
Ore potenziali eliofanìa	448	421	373	349	306	299	
Totale, caso peggiore	224	63	897				

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: Analisi Ombreggiamento Recettore d'ombra: AL - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (281)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27		05:46 19:54	06:06 (4) 06:17 (4)
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28	07:09 (5) 11 07:20 (5)	06:10 19:55	06:06 (4) 20:20 12 06:18 (4)
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:49 17 07:24 (5)	06:09 19:56	06:06 (4) 20:21 12 06:18 (4)
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	07:05 (5) 21 07:26 (5)	06:08 19:57	06:05 (4) 20:22 12 06:17 (4)
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	07:04 (5) 24 07:28 (5)	06:07 19:58	06:05 (4) 20:22 12 06:17 (4)
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	07:02 (5) 27 07:29 (5)	06:06 19:59	06:05 (4) 20:23 13 06:18 (4)
7	07:20 17:03	07:04 17:35	06:30 18:04	06:43 19:32	07:01 (5) 29 07:30 (5)	06:05 20:00	06:05 (4) 20:24 13 06:18 (4)
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	07:00 (5) 31 07:31 (5)	06:04 20:00	06:05 (4) 20:24 13 06:18 (4)
9	07:20 17:04	07:02 17:37	06:27 18:06	06:41 19:34	06:58 (5) 33 07:31 (5)	06:03 20:01	06:05 (4) 20:25 13 06:18 (4)
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:57 (5) 35 07:32 (5)	06:02 20:02	06:05 (4) 20:25 13 06:18 (4)
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:55 (5) 37 07:32 (5)	06:01 20:03	06:04 (4) 20:26 13 06:17 (4)
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:54 (5) 38 07:32 (5)	06:00 20:04	06:04 (4) 20:26 13 06:17 (4)
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	06:52 (5) 39 07:31 (5)	05:59 20:05	06:04 (4) 20:27 13 06:17 (4)
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	06:51 (5) 41 07:32 (5)	05:58 20:06	06:04 (4) 20:27 13 06:17 (4)
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	06:51 (5) 41 07:32 (5)	05:57 20:07	06:04 (4) 20:27 13 06:17 (4)
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	06:50 (5) 41 07:31 (5)	05:56 20:07	06:05 (4) 20:28 13 06:18 (4)
17	07:18 17:12	06:53 17:46	06:15 18:14	06:29 19:41	06:50 (5) 41 07:31 (5)	05:55 20:08	06:05 (4) 20:28 13 06:18 (4)
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	06:50 (5) 41 07:31 (5)	05:55 20:09	06:05 (4) 20:28 13 06:18 (4)
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	06:50 (5) 39 07:29 (5)	05:54 20:10	06:05 (4) 20:29 13 06:18 (4)
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	06:50 (5) 39 07:29 (5)	05:53 20:11	06:05 (4) 2 06:12 (4) 20:29 13 06:18 (4)
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	06:51 (5) 37 07:28 (5)	05:52 20:12	06:05 (4) 3 06:15 (4) 20:29 13 06:18 (4)
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	06:51 (5) 36 07:27 (5)	05:52 20:12	06:05 (4) 4 06:15 (4) 20:29 13 06:18 (4)
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	06:52 (5) 34 07:26 (5)	05:51 20:13	06:06 (4) 5 06:16 (4) 20:30 13 06:19 (4)
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	06:53 (5) 32 07:25 (5)	05:50 20:14	06:06 (4) 6 06:16 (4) 20:30 13 06:19 (4)
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	06:54 (5) 30 07:24 (5)	05:50 20:15	06:06 (4) 7 06:16 (4) 20:30 13 06:19 (4)
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	06:54 (5) 28 07:22 (5)	05:49 20:15	06:07 (4) 8 06:17 (4) 20:30 13 06:20 (4)
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	06:56 (5) 24 07:20 (5)	05:49 20:16	06:07 (4) 9 06:17 (4) 20:30 13 06:20 (4)
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	06:58 (5) 20 07:18 (5)	05:48 20:17	06:07 (4) 9 06:17 (4) 20:30 13 06:20 (4)
29	07:12 17:25		06:57 19:24	06:14 19:52	07:00 (5) 16 07:16 (5)	05:48 20:18	06:08 (4) 10 06:18 (4) 20:30 13 06:21 (4)
30	07:11 17:26		06:55 19:25	06:13 19:53	07:04 (5) 8 07:12 (5)	05:47 20:18	06:08 (4) 10 06:17 (4) 20:30 13 06:21 (4)
31	07:10 17:27		06:54 19:26			05:47 20:19	06:07 (4) 11 06:18 (4)
Ore potenziali eliofanìa	307	302	370	394	890	439	84
Totale, caso peggiore							384

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: Analisi Ombreggiamento Recettore d'ombra: AL - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (281)
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	05:48 20:30	06:09 (4) 06:22 (4)	06:09 20:14	06:35 19:36	06:54 (5) 07:30 (5)	07:00 18:50	06:29 17:08	07:00 16:48
2	05:48 20:30	06:09 (4) 06:22 (4)	06:09 20:13	06:36 19:34	06:55 (5) 07:30 (5)	07:01 18:48	06:30 17:07	07:01 16:48
3	05:48 20:30	06:10 (4) 06:23 (4)	06:10 20:12	06:36 19:33	06:56 (5) 07:29 (5)	07:02 18:47	06:31 17:06	07:02 16:47
4	05:49 20:30	06:10 (4) 06:23 (4)	06:11 20:11	06:37 19:31	06:57 (5) 07:28 (5)	07:02 18:45	06:32 17:05	07:03 16:47
5	05:49 20:30	06:11 (4) 06:24 (4)	06:12 20:10	06:38 19:30	06:57 (5) 07:26 (5)	07:03 18:44	06:33 17:04	07:04 16:47
6	05:50 20:29	06:11 (4) 06:24 (4)	06:13 20:09	06:39 19:28	06:58 (5) 07:25 (5)	07:04 18:42	06:34 17:03	07:05 16:47
7	05:51 20:29	06:12 (4) 06:24 (4)	06:14 20:08	06:40 19:27	06:59 (5) 07:23 (5)	07:05 18:41	06:35 17:02	07:05 16:47
8	05:51 20:29	06:12 (4) 06:24 (4)	06:15 20:07	06:41 19:25	07:00 (5) 07:21 (5)	07:06 18:40	06:36 17:01	07:06 16:47
9	05:52 20:29	06:13 (4) 06:25 (4)	06:15 20:06	06:41 19:24	07:01 (5) 07:19 (5)	07:07 18:38	06:37 17:00	07:07 16:47
10	05:52 20:28	06:13 (4) 06:25 (4)	06:16 20:05	06:42 19:22	07:01 (5) 07:14 (5)	07:08 18:37	06:38 16:59	07:08 16:47
11	05:53 20:28	06:14 (4) 06:25 (4)	06:17 20:03	06:43 19:21		07:09 18:35	06:39 16:59	07:09 16:47
12	05:54 20:28	06:15 (4) 06:26 (4)	06:18 20:02	06:44 19:19		07:10 18:34	06:40 16:58	07:10 16:48
13	05:54 20:27	06:15 (4) 06:26 (4)	06:19 20:01	06:45 19:18	07:11 (5) 07:21 (5)	06:45 18:32	06:42 16:57	07:10 16:48
14	05:55 20:27	06:16 (4) 06:26 (4)	06:20 20:00	06:46 19:16	07:07 (5) 07:24 (5)	06:46 18:31	06:43 16:56	07:11 16:48
15	05:56 20:26	06:17 (4) 06:27 (4)	06:20 19:59	06:46 19:14	07:05 (5) 07:26 (5)	06:46 18:30	06:44 16:55	07:12 16:48
16	05:56 20:26	06:17 (4) 06:26 (4)	06:21 19:57	06:47 19:13	07:03 (5) 07:28 (5)	06:47 18:28	06:45 16:55	07:12 16:48
17	05:57 20:25	06:18 (4) 06:26 (4)	06:22 19:56	06:48 19:11	07:01 (5) 07:29 (5)	06:48 18:27	06:46 16:54	07:13 16:49
18	05:58 20:25	06:19 (4) 06:27 (4)	06:23 19:55	06:49 19:10	06:59 (5) 07:30 (5)	06:49 18:25	06:47 16:53	07:14 16:49
19	05:58 20:24	06:19 (4) 06:26 (4)	06:24 19:54	06:50 19:08	06:58 (5) 07:31 (5)	06:50 18:24	06:48 16:53	07:14 16:50
20	05:59 20:23	06:20 (4) 06:26 (4)	06:25 19:52	06:50 19:07	06:57 (5) 07:32 (5)	06:50 18:23	06:49 16:52	07:15 16:50
21	06:00 20:23	06:21 (4) 06:26 (4)	06:26 19:51	06:51 19:05	06:56 (5) 07:33 (5)	06:51 18:21	06:50 16:52	07:15 16:50
22	06:01 20:22	06:22 (4) 06:26 (4)	06:26 19:50	06:52 19:04	06:55 (5) 07:32 (5)	06:52 18:20	06:51 16:51	07:16 16:51
23	06:01 20:21	06:22 (4) 06:25 (4)	06:27 19:48	06:53 19:02	06:54 (5) 07:33 (5)	06:53 18:19	06:52 16:51	07:16 16:51
24	06:02 20:21	06:23 (4) 06:24 (4)	06:28 19:47	06:54 19:01	06:54 (5) 07:33 (5)	06:54 18:18	06:53 16:50	07:17 16:52
25	06:03 20:20		06:29 19:46	06:55 18:59		06:55 17:16	06:54 16:50	07:17 16:53
26	06:04 20:19		06:30 19:44	06:56 18:58		06:56 17:15	06:55 16:49	07:18 16:53
27	06:05 20:18		06:31 19:43	06:56 18:56		06:56 17:14	06:56 16:49	07:18 16:54
28	06:05 20:18		06:31 19:41	06:57 18:54		06:57 17:13	06:57 16:49	07:18 16:54
29	06:06 20:17		06:32 19:40	06:58 18:53		06:58 17:12	06:58 16:48	07:19 16:55
30	06:07 20:16		06:33 19:38	06:59 18:51		06:59 17:10	06:59 16:48	07:19 16:56
31	06:08 20:15		06:34 19:37	06:54 (5) 07:32 (5)		06:54 (5) 17:09	06:54 (5) 16:48	07:19 16:57
Ore potenziali eliofanìa	448			373		349	306	299
Totale, caso peggiore	230	421	634	267				

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: Analisi Ombreggiamento Recettore d'ombra: AM - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (282)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27		06:11 19:54		05:46 20:20	9 07:10 (5) 07:19 (5)
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28		06:10 19:55		05:46 20:20	
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29		06:09 19:56		05:46 20:21	
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30		06:08 19:57		05:45 20:22	
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31		06:07 19:58		05:45 20:22	
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32		06:06 19:59		05:45 20:23	
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32		06:05 19:59		05:45 20:24	
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	12	07:15 (5) 07:27 (5)	06:04 20:00	05:44 20:24	
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	22	07:09 (5) 07:31 (5)	06:03 20:01	05:44 20:25	
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	29	07:06 (5) 07:35 (5)	06:02 20:02	05:44 20:25	1 06:04 (4) 06:05 (4)
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	34	07:02 (5) 07:36 (5)	06:01 20:03	05:44 20:26	2 06:04 (4) 06:06 (4)
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	38	07:01 (5) 07:39 (5)	06:00 20:04	05:44 20:26	2 06:04 (4) 06:06 (4)
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	42	06:58 (5) 07:40 (5)	05:59 20:05	05:44 20:27	3 06:04 (4) 06:07 (4)
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	44	06:57 (5) 07:41 (5)	05:58 20:06	05:44 20:27	3 06:04 (4) 06:07 (4)
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	48	06:55 (5) 07:43 (5)	05:57 20:07	05:44 20:27	4 06:04 (4) 06:08 (4)
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	50	06:53 (5) 07:43 (5)	05:56 20:07	05:44 20:28	4 06:05 (4) 06:09 (4)
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	52	06:52 (5) 07:44 (5)	05:55 20:08	05:44 20:28	4 06:05 (4) 06:09 (4)
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	53	06:52 (5) 07:45 (5)	05:55 20:09	05:44 20:28	5 06:05 (4) 06:10 (4)
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	55	06:50 (5) 07:45 (5)	05:54 20:10	05:44 20:29	5 06:05 (4) 06:10 (4)
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	57	06:49 (5) 07:46 (5)	05:53 20:11	05:44 20:29	5 06:05 (4) 06:10 (4)
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	57	06:49 (5) 07:46 (5)	05:52 20:12	05:44 20:29	5 06:05 (4) 06:10 (4)
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	59	06:47 (5) 07:46 (5)	05:52 20:12	05:45 20:29	5 06:05 (4) 06:10 (4)
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	59	06:47 (5) 07:46 (5)	05:51 20:13	05:45 20:30	5 06:06 (4) 06:11 (4)
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	61	06:46 (5) 07:47 (5)	05:50 20:14	05:45 20:30	5 06:06 (4) 06:11 (4)
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	61	06:46 (5) 07:47 (5)	05:50 20:15	05:45 20:30	5 06:06 (4) 06:11 (4)
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	61	06:45 (5) 07:46 (5)	05:49 20:15	05:46 20:30	4 06:07 (4) 06:11 (4)
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	61	06:45 (5) 07:46 (5)	05:49 20:16	05:46 20:30	4 06:07 (4) 06:11 (4)
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	61	06:45 (5) 07:46 (5)	05:48 20:17	05:46 20:30	4 06:07 (4) 06:11 (4)
29	07:12 17:25		06:57 19:24	06:14 19:52	62	06:44 (5) 07:46 (5)	05:48 20:18	05:47 20:30	3 06:08 (4) 06:11 (4)
30	07:11 17:26		06:55 19:25	06:12 19:53	62	06:44 (5) 07:46 (5)	05:47 20:18	05:47 20:30	3 06:08 (4) 06:11 (4)
31	07:10 17:27		06:54 19:26				05:47 20:19		
Ore potenziali eliofanìa	307	302	370	394		439		441	90
Totale, caso peggiore				1140		1409			

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: Analisi Ombreggiamento Recettore d'ombra: AM - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (282)
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	05:48 20:30	06:09 (4) 20:14	06:09 20:14	06:56 (5) 19:36	06:35 19:36	07:01 (5) 18:50
2	05:48 20:30	06:09 (4) 20:13	06:09 20:13	06:56 (5) 19:34	06:36 19:34	07:04 (5) 18:48
3	05:48 20:30	06:10 (4) 20:12	06:10 20:12	06:56 (5) 19:33	06:36 19:33	07:07 (5) 18:47
4	05:49 20:30	06:11 20:11	06:11 20:11	06:55 (5) 19:31	06:37 19:31	07:12 (5) 18:45
5	05:49 20:30	06:12 20:10	06:12 20:10	06:55 (5) 19:30	06:38 19:30	07:03 18:44
6	05:50 20:29	06:13 20:09	06:13 20:09	06:54 (5) 19:28	06:39 19:28	07:04 18:42
7	05:51 20:29	06:14 20:08	06:14 20:08	06:54 (5) 19:27	06:40 19:27	07:05 18:41
8	05:51 20:29	06:14 20:07	06:14 20:07	06:54 (5) 19:25	06:41 19:25	07:06 18:39
9	05:52 20:29	06:15 20:06	06:15 20:06	06:53 (5) 19:24	06:41 19:24	07:07 18:38
10	05:52 20:28	06:16 20:05	06:16 20:05	06:53 (5) 19:22	06:42 19:22	07:08 18:37
11	05:53 20:28	07:20 (5) 20:03	06:17 20:03	06:52 (5) 19:21	06:43 19:21	07:09 18:35
12	05:54 20:28	07:17 (5) 20:02	06:18 20:02	06:52 (5) 19:19	06:44 19:19	07:10 18:34
13	05:54 20:27	07:14 (5) 20:01	06:19 20:01	06:52 (5) 19:18	06:45 19:18	07:10 18:32
14	05:55 20:27	07:13 (5) 20:00	06:20 20:00	06:52 (5) 19:16	06:45 19:16	07:11 18:31
15	05:56 20:26	07:11 (5) 19:59	06:20 19:59	06:52 (5) 19:14	06:46 19:14	07:12 18:30
16	05:56 20:26	07:10 (5) 19:57	06:21 19:57	06:52 (5) 19:13	06:47 19:13	07:13 18:28
17	05:57 20:25	07:09 (5) 19:56	06:22 19:56	06:52 (5) 19:11	06:48 19:11	07:14 18:27
18	05:58 20:25	07:08 (5) 19:55	06:23 19:55	06:52 (5) 19:10	06:49 19:10	07:15 18:25
19	05:58 20:24	07:06 (5) 19:54	06:24 19:54	06:52 (5) 19:08	06:50 19:08	07:16 18:24
20	05:59 20:23	07:05 (5) 19:52	06:25 19:52	06:53 (5) 19:07	06:50 19:07	07:17 18:23
21	06:00 20:23	07:05 (5) 19:51	06:26 19:51	06:53 (5) 19:05	06:51 19:05	07:18 18:21
22	06:01 20:22	07:04 (5) 19:50	06:26 19:50	06:53 (5) 19:04	06:52 19:04	07:19 18:20
23	06:01 20:21	07:02 (5) 19:48	06:27 19:48	06:53 (5) 19:02	06:53 19:02	07:20 18:19
24	06:02 20:21	07:02 (5) 19:47	06:28 19:47	06:54 (5) 19:01	06:54 19:01	07:21 18:18
25	06:03 20:20	07:01 (5) 19:46	06:29 19:46	06:54 (5) 18:59	06:55 18:59	07:22 17:16
26	06:04 20:19	07:01 (5) 19:44	06:30 19:44	06:55 (5) 18:58	06:56 18:58	07:23 17:15
27	06:05 20:18	06:59 (5) 19:43	06:31 19:43	06:55 (5) 18:56	06:56 18:56	07:24 17:14
28	06:05 20:18	06:59 (5) 19:41	06:31 19:41	06:56 (5) 18:54	06:57 18:54	07:25 17:13
29	06:06 20:17	06:58 (5) 19:40	06:32 19:40	06:58 (5) 18:53	06:58 18:53	07:26 17:12
30	06:07 20:16	06:58 (5) 19:38	06:33 19:38	06:59 (5) 18:51	06:59 18:51	07:27 17:10
31	06:08 20:15	06:58 (5) 19:37	06:34 19:37	07:01 (5) 18:49	07:01 18:49	07:28 17:09
Ore potenziali eliofania	448	421	373	349	306	299
Totale, caso peggiore	748	1749	97			

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: Analisi Ombreggiamento Recettore d'ombra: AN - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (283)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	06:16 (5) 07:06 (5)	05:48 20:30	06:19 (5) 07:17 (5)	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28	06:10 19:55	05:46 20:20	06:16 (5) 07:07 (5)	05:48 20:30	06:19 (5) 07:17 (5)	06:09 20:13	06:36 19:34	07:01 18:48	06:48 17:07
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	06:16 (5) 07:08 (5)	05:48 20:30	06:20 (5) 07:17 (5)	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	06:15 (5) 07:08 (5)	05:49 20:30	06:20 (5) 07:17 (5)	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	06:15 (5) 07:09 (5)	05:49 20:30	06:21 (5) 07:17 (5)	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	06:15 (5) 07:10 (5)	05:50 20:29	06:21 (5) 07:16 (5)	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:23	06:15 (5) 07:11 (5)	05:51 20:29	06:22 (5) 07:16 (5)	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	06:15 (5) 07:11 (5)	05:51 20:29	06:22 (5) 07:16 (5)	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	06:15 (5) 07:12 (5)	05:52 20:29	06:23 (5) 07:16 (5)	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	06:14 (5) 07:12 (5)	05:52 20:28	06:23 (5) 07:15 (5)	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	06:14 (5) 07:12 (5)	05:53 20:28	06:24 (5) 07:14 (5)	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:59
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	06:14 (5) 07:13 (5)	05:54 20:28	06:26 (5) 07:14 (5)	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	06:14 (5) 07:13 (5)	05:54 20:27	06:26 (5) 07:13 (5)	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	06:14 (5) 07:13 (5)	05:55 20:27	06:27 (5) 07:13 (5)	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	06:14 (5) 07:14 (5)	05:56 20:26	06:28 (5) 07:12 (5)	06:20 19:59	06:46 19:14	07:12 18:30	06:44 16:55
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	06:15 (5) 07:15 (5)	05:56 20:26	06:29 (5) 07:11 (5)	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	06:15 (5) 07:15 (5)	05:57 20:25	06:30 (5) 07:10 (5)	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	06:15 (5) 07:15 (5)	05:58 20:25	06:32 (5) 07:09 (5)	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	06:15 (5) 07:15 (5)	05:58 20:24	06:33 (5) 07:07 (5)	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	06:15 (5) 07:16 (5)	05:59 20:23	06:35 (5) 07:06 (5)	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:15 (5) 07:16 (5)	06:00 20:23	06:37 (5) 07:04 (5)	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:52
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:15 (5) 07:16 (5)	06:01 20:22	06:40 (5) 07:02 (5)	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:16 (5) 07:16 (5)	06:01 20:21	06:43 (5) 06:58 (5)	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:16 (5) 07:16 (5)	06:02 20:21	06:28 (5) 06:43 (5)	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:16 (5) 07:16 (5)	06:03 20:20	06:29 (5) 06:44 (5)	06:22 19:46	06:55 18:59	07:22 17:16	06:54 16:50
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:17 (5) 07:17 (5)	06:04 20:19	06:30 (5) 06:45 (5)	06:23 19:44	06:55 18:58	07:23 17:15	06:55 16:49
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:17 (5) 07:17 (5)	06:05 20:18	06:31 (5) 06:46 (5)	06:24 19:43	06:56 18:56	07:24 17:14	06:56 16:49
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:17 (5) 07:16 (5)	06:05 20:18	06:31 (5) 06:46 (5)	06:25 19:41	06:57 18:54	07:25 17:13	06:57 16:49
29	07:12 17:25	06:38 17:58	05:57 18:24	06:14 19:52	05:48 20:18	05:47 20:30	06:18 (5) 07:17 (5)	06:06 20:17	06:32 (5) 06:47 (5)	06:26 19:40	06:58 18:53	07:26 17:12	06:58 16:48
30	07:11 17:26	06:37 18:00	05:56 18:25	06:13 19:53	05:47 20:19	05:47 20:30	06:18 (5) 07:17 (5)	06:07 20:16	06:33 (5) 06:48 (5)	06:27 19:38	06:59 18:51	07:27 17:10	06:59 16:48
31	07:10 17:27	06:36 18:01	05:55 18:26	06:12 19:54	05:47 20:20	05:47 20:30	06:18 (5) 07:16 (5)	06:08 20:15	06:34 (5) 06:43 (5)	06:28 19:37	07:00 18:49	07:28 17:09	07:19 16:57
Ore potenziali eliofania	307	302	370	394	439	410	441	448	421	373	349	306	299
Totale, caso peggiore						1737		1037					

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: Analisi Ombreggiamento Recettore d'ombra: AO - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (284)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	06:07 (5) 20:30	05:48 20:30	06:13 (5) 20:14	06:09 20:14	06:29 (5) 06:58 (5)	06:35 18:50	07:00 17:08	06:29 16:48	07:00 16:48
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28	06:10 19:55	05:46 20:20	06:07 (5) 20:30	05:48 20:30	06:12 (5) 20:13	06:09 20:13	06:31 (5) 06:56 (5)	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	06:07 (5) 20:30	05:48 20:30	06:13 (5) 20:12	06:10 20:12	06:34 (5) 06:54 (5)	06:36 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	06:07 (5) 20:30	05:49 20:30	06:13 (5) 20:11	06:11 20:11	06:37 (5) 06:51 (5)	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	06:07 (5) 20:30	05:49 20:30	06:14 (5) 20:10	06:12 20:10	06:14 (5) 06:13 (5)	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	06:07 (5) 20:29	05:50 20:29	06:13 (5) 20:09	06:13 20:09	06:13 (5) 06:13 (5)	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:24	06:07 (5) 20:29	05:51 20:29	06:14 (5) 20:08	06:14 20:08	06:14 (5) 06:15 (5)	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	06:08 (5) 20:29	05:51 20:29	06:14 (5) 20:07	06:15 20:07	06:14 (5) 06:15 (5)	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:41 19:34	06:03 20:01	05:44 20:25	06:08 (5) 20:29	05:52 20:29	06:14 (5) 20:06	06:15 20:06	06:14 (5) 06:16 (5)	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	06:07 (5) 20:28	05:52 20:28	06:14 (5) 20:05	06:16 20:05	06:14 (5) 06:16 (5)	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	06:07 (5) 20:28	05:53 20:28	06:15 (5) 20:03	06:17 20:03	06:15 (5) 06:18 (5)	06:43 19:21	07:09 18:35	06:39 16:59	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	06:08 (5) 20:28	05:54 20:28	06:15 (5) 20:02	06:18 20:02	06:15 (5) 06:18 (5)	06:44 19:19	07:10 18:34	06:40 16:58	07:10 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	06:08 (5) 20:27	05:54 20:27	06:15 (5) 20:01	06:19 20:01	06:15 (5) 06:19 (5)	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	06:08 (5) 20:27	05:55 20:27	06:16 (5) 20:00	06:20 20:00	06:16 (5) 06:20 (5)	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	06:08 (5) 20:27	05:56 20:26	06:17 (5) 19:59	06:20 19:59	06:17 (5) 06:21 (5)	06:46 19:14	07:12 18:30	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	06:09 (5) 20:28	05:56 20:26	06:17 (5) 19:57	06:21 19:57	06:17 (5) 06:21 (5)	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	06:09 (5) 20:28	05:57 20:25	06:18 (5) 19:56	06:22 19:56	06:18 (5) 06:22 (5)	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	06:09 (5) 20:28	05:58 20:25	06:19 (5) 19:55	06:23 19:55	06:19 (5) 06:23 (5)	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	06:10 (5) 20:29	05:58 20:24	06:19 (5) 19:54	06:24 19:54	06:19 (5) 06:24 (5)	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	06:10 (5) 20:29	05:59 20:23	06:20 (5) 19:52	06:25 19:52	06:20 (5) 06:25 (5)	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:10 (5) 20:29	06:00 20:23	06:21 (5) 19:51	06:26 19:51	06:21 (5) 06:26 (5)	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:10 (5) 20:22	06:01 20:22	06:22 (5) 19:50	06:26 19:50	06:22 (5) 06:26 (5)	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:11 (5) 20:21	06:01 20:21	06:22 (5) 19:48	06:27 19:48	06:22 (5) 06:27 (5)	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:10 (5) 20:21	06:02 20:21	06:23 (5) 19:47	06:28 19:47	06:23 (5) 06:28 (5)	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:09 (5) 20:20	06:03 20:20	06:24 (5) 19:46	06:29 19:46	06:24 (5) 06:29 (5)	06:55 18:59	07:22 17:16	06:54 16:50	07:17 16:53
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:11 (5) 20:19	06:04 20:19	06:25 (5) 19:44	06:30 19:44	06:25 (5) 06:30 (5)	06:56 18:58	07:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:11 (5) 20:18	06:05 20:18	06:26 (5) 19:43	06:31 19:43	06:26 (5) 06:31 (5)	06:56 18:56	07:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:11 (5) 20:18	06:05 20:18	06:26 (5) 19:41	06:31 19:41	06:26 (5) 06:31 (5)	06:57 18:54	07:25 17:13	06:57 16:49	07:18 16:54
29	07:12 17:25	06:37 17:58	05:57 18:24	06:14 19:52	05:48 20:18	05:47 20:30	06:12 (5) 20:17	06:06 20:17	06:27 (5) 19:40	06:32 19:40	06:27 (5) 06:32 (5)	06:58 18:53	07:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26	06:35 17:59	05:56 18:25	06:13 19:53	05:47 20:19	05:47 20:30	06:12 (5) 20:16	06:07 20:16	06:28 (5) 19:38	06:33 19:38	06:28 (5) 06:33 (5)	06:59 18:51	07:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27	06:34 18:00	05:54 18:26	06:12 19:54	05:47 20:20	05:47 20:30	06:12 (5) 20:15	06:08 20:15	06:29 (5) 19:37	06:34 19:37	06:29 (5) 06:34 (5)	06:59 18:51	07:28 17:09	06:59 16:48	07:19 16:57
Ore potenziali eliofanía	307	302	370	394	439	970	441	448	421	88	373	349	306	299	
Totale, caso peggiore							1693	1533							

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: Analisi Ombreggiamento Recettore d'ombra: AP - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (285)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	29	06:06 (5) 06:35 (5)	05:48 20:30	06:09 (5) 20:14	06:09 19:36	06:35 18:50	07:00 17:08	06:29 16:48
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28	06:10 19:55	05:46 20:20	30	06:06 (5) 06:36 (5)	05:48 20:30	06:09 (5) 20:13	06:09 19:34	06:36 18:48	07:01 17:07	06:30 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	31	06:06 (5) 06:37 (5)	05:48 20:30	06:10 (5) 20:12	06:10 19:33	06:36 18:47	07:02 17:06	06:31 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	32	06:05 (5) 06:37 (5)	05:49 20:30	06:11 (5) 20:11	06:11 19:31	06:37 18:45	07:02 17:05	06:32 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	32	06:05 (5) 06:37 (5)	05:49 20:30	06:11 (5) 20:10	06:12 19:30	06:38 18:44	07:03 17:04	06:33 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	33	06:05 (5) 06:38 (5)	05:50 20:29	06:11 (5) 20:09	06:13 19:28	06:39 18:42	07:04 17:03	06:34 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:24	34	06:05 (5) 06:39 (5)	05:51 20:29	06:12 (5) 20:08	06:14 19:27	06:40 18:41	07:05 17:02	06:35 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	34	06:05 (5) 06:39 (5)	05:51 20:29	06:12 (5) 20:07	06:15 19:25	06:41 18:40	07:06 17:01	06:36 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:41 19:34	06:03 20:01	05:44 20:25	35	06:05 (5) 06:40 (5)	05:52 20:29	06:13 (5) 20:06	06:15 19:24	06:41 18:38	07:07 17:00	06:37 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	35	06:05 (5) 06:40 (5)	05:52 20:28	06:13 (5) 20:05	06:16 19:22	06:42 18:37	07:08 16:59	06:38 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	35	06:04 (5) 06:39 (5)	05:53 20:28	06:14 (5) 20:03	06:17 19:21	06:43 18:35	07:09 16:59	06:39 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	36	06:04 (5) 06:40 (5)	05:54 20:28	06:15 (5) 20:02	06:18 19:19	06:44 18:34	07:10 16:58	06:40 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	36	06:04 (5) 06:40 (5)	05:54 20:27	06:15 (5) 20:01	06:19 19:18	06:45 18:32	07:10 16:57	06:41 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	36	06:04 (5) 06:40 (5)	05:55 20:27	06:16 (5) 20:00	06:20 19:16	06:46 18:31	07:11 16:56	06:42 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	37	06:04 (5) 06:41 (5)	05:56 20:26	06:17 (5) 20:00	06:24 19:14	06:47 18:30	07:12 16:55	06:43 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	37	06:05 (5) 06:42 (5)	05:56 20:26	06:17 (5) 20:00	06:21 19:13	06:47 18:28	07:13 16:55	06:44 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	37	06:05 (5) 06:42 (5)	05:57 20:25	06:18 (5) 20:00	06:22 19:11	06:48 18:27	07:14 16:54	06:45 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	37	06:05 (5) 06:42 (5)	05:58 20:25	06:19 (5) 20:00	06:23 19:10	06:49 18:25	07:15 16:53	06:46 16:49
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	37	06:05 (5) 06:42 (5)	05:58 20:24	06:19 (5) 20:00	06:24 19:08	06:50 18:24	07:16 16:53	06:47 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	37	06:05 (5) 06:42 (5)	05:59 20:23	06:20 (5) 20:00	06:25 19:07	06:50 18:23	07:17 16:52	06:49 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	37	06:05 (5) 06:42 (5)	06:00 20:23	06:21 (5) 20:00	06:26 19:05	06:51 18:21	07:18 16:52	06:50 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:44 20:29	37	06:05 (5) 06:42 (5)	06:01 20:22	06:22 (5) 20:00	06:26 19:04	06:52 18:20	07:19 16:51	06:51 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	37	06:06 (5) 06:43 (5)	06:01 20:21	06:22 (5) 20:00	06:27 19:02	06:53 18:19	07:20 16:51	06:52 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	37	06:06 (5) 06:43 (5)	06:02 20:21	06:23 (5) 20:00	06:28 19:01	06:54 18:18	07:21 16:50	06:53 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	37	06:06 (5) 06:43 (5)	06:03 20:20	06:24 (5) 20:00	06:29 18:59	06:55 17:16	07:22 16:50	06:54 16:53
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	37	06:07 (5) 06:44 (5)	06:04 20:19	06:30 20:00	06:56 18:58	06:23 17:15	07:18 16:49	06:55 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	37	06:07 (5) 06:44 (5)	06:05 20:18	06:31 20:00	06:56 18:56	06:24 17:14	07:18 16:49	06:56 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	36	06:07 (5) 06:43 (5)	06:05 20:18	06:32 20:00	06:57 18:54	06:25 17:13	07:18 16:49	06:57 16:54
29	07:12 17:25	06:37 19:24	06:14 19:52	05:48 20:18	05:48 20:18	05:47 20:30	36	06:08 (5) 06:44 (5)	06:06 20:17	06:33 20:00	06:58 18:53	06:26 17:12	07:19 16:48	06:58 16:55
30	07:11 17:26	06:35 19:25	06:13 19:53	05:47 20:18	05:47 20:18	05:47 20:30	36	06:08 (5) 06:44 (5)	06:07 20:16	06:34 20:00	06:59 18:51	06:27 17:10	07:19 16:48	06:59 16:56
31	07:10 17:27	06:34 19:26	06:12 19:54	05:46 20:19	05:46 20:19	05:46 20:30	36	06:08 (5) 06:45 (5)	06:08 20:15	06:35 20:00	06:59 18:50	06:28 17:09	07:19 16:57	07:19 16:57
Ore potenziali eliofanía	307	302	370	394	439	441	448	448	448	421	373	349	306	299
Totale, caso peggiore					259	1057	640							

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: Analisi Ombreggiamento Recettore d'ombra: AQ - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (286)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:23	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:15 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:41 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:59	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:10 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:30	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:26 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:46	06:55 18:59	07:22 17:16	06:54 16:50	07:17 16:53
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:56 18:58	07:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:05 20:18	06:31 19:43	06:56 18:56	07:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:49	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	07:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:13 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	07:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:57
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: AR - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (287)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	06:06 (5) 05:48 20:30	06:09 (5) 06:09 20:14	06:35 07:00 19:36 18:50	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28	06:10 19:55	05:46 20:20	06:06 (5) 05:48 20:30	06:09 (5) 06:09 20:13	06:36 07:01 19:34 18:48	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	06:06 (5) 05:48 20:30	06:10 (5) 06:10 20:12	06:36 07:02 19:33 18:47	07:02 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	06:05 (5) 05:49 20:30	06:11 (5) 06:11 20:11	06:37 07:02 19:31 18:45	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	06:05 (5) 05:49 20:30	06:11 (5) 06:12 20:10	06:38 07:03 19:30 18:44	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	06:05 (5) 05:50 20:29	06:11 (5) 06:13 20:09	06:39 07:04 19:28 18:42	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:24	06:05 (5) 05:51 20:29	06:12 (5) 06:14 20:08	06:40 07:05 19:27 18:41	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	06:05 (5) 05:51 20:29	06:12 (5) 06:15 20:07	06:41 07:06 19:25 18:39	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:41 19:34	06:03 20:01	05:44 20:25	06:05 (5) 05:52 20:29	06:13 (5) 06:15 20:06	06:41 07:07 19:24 18:38	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	06:04 (5) 05:52 20:28	06:13 (5) 06:16 20:05	06:42 07:08 19:22 18:37	07:08 18:37	06:38 17:01	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	06:04 (5) 05:53 20:28	06:14 (5) 06:17 20:03	06:43 07:09 19:21 18:35	07:09 18:35	06:39 17:02	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	06:04 (5) 05:54 20:28	06:15 (5) 06:18 20:02	06:44 07:10 19:19 18:34	07:10 18:34	06:40 17:03	07:10 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:27	06:04 (5) 05:54 20:27	06:15 (5) 06:19 20:01	06:45 07:10 19:18 18:32	07:10 18:32	06:41 17:04	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	06:04 (5) 05:55 20:27	06:16 (5) 06:20 20:00	06:45 07:11 19:16 18:31	07:11 18:31	06:42 17:05	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	06:04 (5) 05:56 20:26	06:17 (5) 06:20 19:59	06:46 07:12 19:14 18:30	07:12 18:30	06:43 17:06	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	06:05 (5) 05:56 20:26	06:17 (5) 06:21 19:57	06:47 07:13 19:13 18:28	07:13 18:28	06:44 17:07	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	06:05 (5) 05:57 20:25	06:18 (5) 06:22 19:56	06:48 07:14 19:11 18:27	07:14 18:27	06:45 17:08	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	06:05 (5) 05:58 20:25	06:19 (5) 06:23 19:55	06:49 07:15 19:10 18:25	07:15 18:25	06:46 17:09	07:14 16:49
19	07:18 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	06:05 (5) 05:58 20:24	06:19 (5) 06:24 19:54	06:50 07:16 19:08 18:24	07:16 18:24	06:47 17:10	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	06:05 (5) 05:59 20:23	06:21 (5) 06:25 19:52	06:50 07:17 19:07 18:23	07:17 18:23	06:49 17:11	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:05 (5) 06:00 20:23	06:24 (5) 06:26 19:51	06:51 07:18 19:05 18:21	07:18 18:21	06:50 17:12	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:05 (5) 06:01 20:22	06:29 (5) 06:26 19:50	06:52 07:19 19:04 18:20	07:19 18:20	06:51 17:13	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:13 (5) 05:45 20:30	06:27 06:53 19:48 19:02	06:53 07:20 19:02 18:19	07:20 18:19	06:52 17:14	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:11 (5) 05:45 20:30	06:28 06:54 19:47 19:01	06:54 07:21 19:01 18:18	07:21 18:18	06:53 17:15	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:06 (5) 06:03 20:30	06:29 06:55 19:46 18:59	06:55 07:22 19:00 18:17	07:22 18:17	06:54 17:16	07:17 16:53
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:07 (5) 06:04 20:19	06:30 06:56 19:44 18:58	06:56 07:23 19:00 18:15	07:23 18:15	06:55 17:17	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:07 (5) 06:05 20:18	06:31 06:57 19:43 18:56	06:56 07:24 19:00 18:14	07:24 18:14	06:56 17:18	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:08 (5) 06:05 20:18	06:32 06:58 19:41 18:54	06:57 07:25 19:00 18:13	07:25 18:13	06:57 17:19	07:18 16:54
29	07:12 17:25	06:39 17:58	05:58 18:24	06:15 19:52	05:48 20:18	05:46 20:30	06:08 (5) 06:06 20:17	06:33 06:59 19:40 18:53	06:58 07:26 19:00 18:12	07:26 18:12	06:58 17:20	07:19 16:55
30	07:11 17:26	06:39 17:59	05:58 18:25	06:15 19:53	05:48 20:19	05:46 20:30	06:08 (5) 06:07 20:16	06:34 06:59 19:38 18:51	06:59 07:27 19:00 18:11	07:27 18:11	06:59 17:21	07:19 16:56
31	07:10 17:27	06:39 18:00	05:58 18:26	06:15 19:54	05:48 20:20	05:46 20:30	06:08 (5) 06:07 20:15	06:34 06:59 19:37 18:50	06:59 07:28 19:00 18:10	07:28 18:10	06:59 17:22	07:19 16:57
Ore potenziali eliofanía	307	302	370	394	439	441	448	421	373	349	306	299
Totale, caso peggiore					261	1289	721					

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: Analisi Ombreggiamento Recettore d'ombra: AS - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (288)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:23	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:15 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:59	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:30	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:26 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:46	06:55 18:59	06:22 17:16	06:54 16:50	07:17 16:53
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:58	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:05 20:18	06:31 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:49	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:57
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: AT - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (289)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:23	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:59	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:30	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:26 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:46	06:55 18:59	07:22 17:16	06:54 16:50	07:17 16:53
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:58	07:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:05 20:18	06:31 19:43	06:56 18:56	07:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:49	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	07:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	07:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:57
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: AU - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (290)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:37 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:23	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:59	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:42 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:07	05:44 20:27	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:30	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:26 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	07:22 17:16	06:54 16:50	07:17 16:53
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:58	07:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:05 20:18	06:31 19:43	06:56 18:56	07:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:49	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	07:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	07:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:57
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: AV - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (291)
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	07:20	07:09	06:38	06:52	18:49 (5)	06:11	05:46	05:47	06:09	06:35	18:45 (5)	07:00	06:29	07:00	
	16:57	17:28	17:58	19:27	18	19:07 (5)	19:54	20:20	20:30	19:35	29	19:14 (5)	18:50	17:08	16:48
2	07:20	07:09	06:36	06:51	18:48 (5)	06:10	05:46	05:48	06:09	06:35	18:44 (5)	07:01	06:30	07:01	
	16:58	17:30	17:59	19:28	19	19:07 (5)	19:55	20:20	20:30	19:34	29	19:13 (5)	18:48	17:07	16:47
3	07:20	07:08	06:35	06:49	18:47 (5)	06:09	05:46	05:48	06:10	06:36	18:44 (5)	07:01	06:31	07:02	
	16:59	17:31	18:00	19:29	22	19:09 (5)	19:56	20:21	20:30	19:33	28	19:12 (5)	18:47	17:06	16:47
4	07:20	07:07	06:34	06:48	18:46 (5)	06:08	05:45	05:49	06:11	06:37	18:43 (5)	07:02	06:32	07:03	
	17:00	17:32	18:01	19:30	23	19:09 (5)	19:57	20:22	20:30	19:31	27	19:10 (5)	18:45	17:05	16:47
5	07:20	07:06	06:32	06:46	18:46 (5)	06:07	05:45	05:49	06:12	06:38	18:42 (5)	07:03	06:33	07:04	
	17:01	17:33	18:02	19:31	24	19:10 (5)	19:58	20:22	20:29	19:30	26	19:08 (5)	18:44	17:04	16:47
6	07:20	07:05	06:31	06:45	18:45 (5)	06:06	05:45	05:50	06:13	06:39	18:42 (5)	07:04	06:34	07:04	
	17:02	17:34	18:03	19:31	26	19:11 (5)	19:59	20:23	20:29	19:28	25	19:07 (5)	18:42	17:03	16:47
7	07:20	07:04	06:29	06:43	18:46 (5)	06:05	05:44	05:50	06:14	06:40	18:41 (5)	07:05	06:35	07:05	
	17:02	17:35	18:04	19:32	26	19:12 (5)	19:59	20:23	20:29	19:27	24	19:05 (5)	18:41	17:02	16:47
8	07:20	07:03	06:28	06:42	18:45 (5)	06:04	05:44	05:51	06:14	06:40	18:41 (5)	07:06	06:36	07:06	
	17:03	17:36	18:05	19:33	27	19:12 (5)	20:00	20:24	20:29	19:25	23	19:04 (5)	18:39	17:01	16:47
9	07:20	07:02	06:27	06:40	18:46 (5)	06:03	05:44	05:52	06:15	06:41	18:41 (5)	07:07	06:37	07:07	
	17:04	17:37	18:06	19:34	28	19:14 (5)	20:01	20:25	20:29	19:24	22	19:03 (5)	18:38	17:00	16:47
10	07:20	07:01	06:25	06:39	18:46 (5)	06:02	05:44	05:52	06:16	06:42	18:41 (5)	07:08	06:38	07:08	
	17:05	17:38	18:07	19:35	29	19:15 (5)	20:02	20:25	20:28	19:22	20	19:01 (5)	18:37	16:59	16:47
11	07:20	07:00	06:24	06:38	18:46 (5)	06:01	05:44	05:53	06:17	06:43	18:41 (5)	07:09	06:39	07:09	
	17:06	17:39	18:08	19:36	29	19:15 (5)	20:03	20:26	20:28	19:21	18	18:59 (5)	18:35	16:58	16:47
12	07:20	06:59	06:22	06:36	18:47 (5)	06:00	05:44	05:53	06:18	06:44	18:41 (5)	07:09	06:40	07:09	
	17:07	17:41	18:09	19:37	29	19:16 (5)	20:04	20:26	20:27	19:19	17	18:58 (5)	18:34	16:58	16:47
13	07:19	06:58	06:21	06:35	18:47 (5)	05:59	05:44	05:54	06:19	06:45	18:42 (5)	07:10	06:41	07:10	
	17:08	17:42	18:10	19:38	30	19:17 (5)	20:05	20:26	20:27	19:17	15	18:57 (5)	18:32	16:57	16:48
14	07:19	06:57	06:19	06:33	18:48 (5)	05:58	05:44	05:55	06:20	06:45	18:43 (5)	07:11	06:43	07:11	
	17:09	17:43	18:11	19:39	30	19:18 (5)	20:06	20:27	20:27	19:16	12	18:55 (5)	18:31	16:56	16:48
15	07:19	06:56	06:18	06:32	18:49 (5)	05:57	05:44	05:55	06:20	06:46	18:43 (5)	07:12	06:44	07:12	
	17:10	17:44	18:12	19:40	30	19:19 (5)	20:06	20:27	20:26	19:14	10	18:53 (5)	18:29	16:55	16:48
16	07:19	06:54	06:16	06:31	18:49 (5)	05:56	05:44	05:56	06:21	06:47	18:44 (5)	07:13	06:45	07:12	
	17:11	17:45	18:13	19:40	30	19:19 (5)	20:07	20:28	20:26	19:13	8	18:52 (5)	18:28	16:55	16:48
17	07:18	06:53	06:15	06:29	18:51 (5)	05:55	05:44	05:57	06:22	06:48	18:45 (5)	07:14	06:46	07:13	
	17:12	17:46	18:13	19:41	27	19:18 (5)	20:08	20:28	20:25	19:11	5	18:50 (5)	18:27	16:54	16:49
18	07:18	06:52	06:13	06:28	18:52 (5)	05:55	05:44	05:58	06:23	06:49	18:47 (5)	07:15	06:47	07:14	
	17:13	17:47	18:14	19:42	24	19:16 (5)	20:09	20:28	20:25	19:10	2	18:49 (5)	18:25	16:53	16:49
19	07:17	06:51	06:12	06:26	18:54 (5)	05:54	05:44	05:58	06:24	06:50	18:46 (5)	07:16	06:48	07:14	
	17:14	17:48	18:15	19:43	19	19:13 (5)	20:10	20:29	20:24	19:08	18:24	16:53	16:49	16:49	
20	07:17	06:50	06:10	06:25	18:58 (5)	05:53	05:44	05:59	06:25	06:50	18:47 (5)	07:17	06:49	07:15	
	17:15	17:49	18:16	19:44	12	19:10 (5)	20:11	20:29	20:23	19:07	18:23	16:52	16:50	16:50	
21	07:17	06:48	06:09	06:24		05:52	05:44	06:00	06:25	06:51	18:48 (5)	07:18	06:50	07:15	
	17:16	17:50	18:17	19:45		20:11	20:29	20:23	19:51	19:05	18:21	16:51	16:50	16:50	
22	07:16	06:47	06:07	06:22		05:52	05:45	06:01	06:26	06:52	18:47 (5)	07:19	06:51	07:16	
	17:18	17:51	18:18	19:46		20:12	20:29	20:22	19:50	19:04	18:20	16:51	16:51	16:51	
23	07:15	06:46	06:06	06:21		05:51	05:45	06:01	06:27		19:01 (5)	06:53	07:20	06:52	07:16
	17:19	17:52	18:19	19:47		20:13	20:30	20:21	19:48	14	19:15 (5)	19:02	18:19	16:50	16:51
24	07:15	06:44	06:04	06:20		05:50	05:45	06:02	06:28		18:58 (5)	06:54	07:21	06:53	07:17
	17:20	17:53	18:20	19:48		20:14	20:30	20:21	19:47	20	19:18 (5)	19:01	18:18	16:50	16:52
25	07:14	06:43	06:03	17:59 (5)	06:19	05:50	05:45	06:03	06:29		18:55 (5)	06:55	06:22	06:54	07:17
	17:21	17:54	18:21	18:00 (5)	19:49	20:15	20:30	20:20	19:45	25	19:20 (5)	18:59	17:16	16:50	16:52
26	07:14	06:42	06:01	17:58 (5)	06:17	05:49	05:46	06:04	06:30		18:53 (5)	06:55	06:23	06:55	07:18
	17:22	17:55	18:22	18:02 (5)	19:49	20:15	20:30	20:19	19:44	28	19:21 (5)	18:57	17:15	16:49	16:53
27	07:13	06:41	06:00	17:55 (5)	06:16	05:49	05:46	06:04	06:30		18:51 (5)	06:56	06:24	06:56	07:18
	17:23	17:56	18:23	18:02 (5)	19:50	20:16	20:30	20:18	19:43	30	19:21 (5)	18:56	17:14	16:49	16:54
28	07:12	06:39	05:58	17:54 (5)	06:15	05:48	05:46	06:05	06:31		18:50 (5)	06:57	06:25	06:57	07:18
	17:24	17:57	18:23	18:03 (5)	19:51	20:17	20:30	20:17	19:41	30	19:20 (5)	18:54	17:13	16:48	16:54
29	07:12		06:57	18:52 (5)	06:14	05:48	05:47	06:06	06:32		18:48 (5)	06:58	06:26	06:58	07:19
	17:25		19:24	19:04 (5)	19:52	20:18	20:30	20:17	19:40	31	19:19 (5)	18:53	17:12	16:48	16:55
30	07:11		06:55	18:51 (5)	06:12	05:47	05:47	06:07	06:33		18:47 (5)	06:59	06:27	06:59	07:19
	17:26		19:25	19:05 (5)	19:53	20:18	20:30	20:16	19:38	31	19:18 (5)	18:51	17:10	16:48	16:56
31	07:10		06:54	18:49 (5)	06:11	05:47		06:08	06:34		18:46 (5)		06:28	07:19	16:56
	17:27		19:26	19:06 (5)		20:19		20:15	19:37	29	19:15 (5)		17:09	16:56	16:56
Ore potenziali eliofanía	307	302	370		394		439	441	448	421		373		306	299
Totale, caso peggiore			64		502				238		340				

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: Analisi Ombreggiamento Recettore d'ombra: AW - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (292)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	18:54 (5) 19:07 (5)	06:11 19:54	05:46 20:20	05:47 20:30	06:09 20:14	06:35 19:35	18:46 (5) 19:14 (5)	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	18:52 (5) 19:07 (5)	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	18:46 (5) 19:13 (5)	07:01 18:48	06:30 17:07	07:01 16:47
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	18:51 (5) 19:09 (5)	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	18:46 (5) 19:12 (5)	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	18:50 (5) 19:09 (5)	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	18:46 (5) 19:10 (5)	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	18:50 (5) 19:10 (5)	06:07 19:58	05:45 20:22	05:49 20:29	06:12 20:10	06:38 19:30	18:44 (5) 19:08 (5)	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:31	18:49 (5) 19:11 (5)	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	18:45 (5) 19:07 (5)	07:04 18:42	06:34 17:03	07:04 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	18:48 (5) 19:12 (5)	06:05 19:59	05:44 20:23	05:50 20:29	06:14 20:08	06:40 19:27	18:45 (5) 19:05 (5)	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	18:48 (5) 19:12 (5)	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	18:45 (5) 19:04 (5)	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	18:48 (5) 19:14 (5)	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	18:45 (5) 19:03 (5)	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	18:48 (5) 19:15 (5)	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	18:45 (5) 19:01 (5)	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	18:47 (5) 19:15 (5)	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	18:46 (5) 18:59 (5)	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	18:48 (5) 19:16 (5)	06:00 20:04	05:44 20:26	05:53 20:27	06:18 20:02	06:44 19:19	18:47 (5) 18:58 (5)	07:09 18:34	06:40 16:58	07:09 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	18:47 (5) 19:17 (5)	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:17	18:48 (5) 18:57 (5)	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	18:48 (5) 19:18 (5)	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	18:49 (5) 18:55 (5)	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	18:49 (5) 19:19 (5)	05:57 20:06	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	18:50 (5) 18:53 (5)	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:40	18:49 (5) 19:19 (5)	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	18:53 (5) 18:28	07:13 18:25	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	18:50 (5) 19:21 (5)	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	18:48 (5) 18:27	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	18:50 (5) 19:21 (5)	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	18:47 (5) 18:25	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	18:51 (5) 19:22 (5)	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:53	06:50 19:14	19:10 (5) 19:14 (5)	06:50 19:08	06:48 18:24	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	18:53 (5) 19:21 (5)	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:04	19:04 (5) 19:07	06:50 19:07	06:49 18:23	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 19:45	18:55 (5) 19:19 (5)	05:52 20:11	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:21	19:00 (5) 19:21 (5)	06:51 19:05	06:49 18:21	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	18:56 (5) 19:16 (5)	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:23	18:58 (5) 19:23 (5)	06:52 19:04	06:48 18:20	07:16 16:51
23	07:15 17:19	06:46 17:52	06:06 18:19	06:21 19:47	18:59 (5) 19:13 (5)	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:25	18:56 (5) 19:25 (5)	06:53 19:02	06:47 18:19	07:16 16:51
24	07:15 17:20	06:44 17:53	06:04 18:20	06:20 19:48	19:13 (5) 20:14	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:26	18:55 (5) 19:26 (5)	06:54 19:01	06:46 18:18	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	18:58 (5) 20:15	05:50 20:30	05:45 20:30	06:03 20:20	06:29 19:45	06:55 19:25	18:54 (5) 19:25 (5)	06:55 18:59	06:45 17:16	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:49	18:57 (5) 20:15	05:49 20:30	05:46 20:30	06:04 20:19	06:30 19:44	06:56 19:22	18:51 (5) 19:22 (5)	06:55 18:57	06:44 17:15	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	18:56 (5) 20:16	05:49 20:30	05:46 20:30	06:04 20:18	06:30 19:43	06:56 19:43	18:50 (5) 19:21 (5)	06:56 18:56	06:43 17:14	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	18:01 (5) 18:03 (5)	05:48 19:51	05:46 20:30	06:05 20:17	06:31 19:41	06:57 19:41	18:50 (5) 19:20 (5)	06:57 18:54	06:42 17:13	07:19 16:54
29	07:12 17:25	06:37 19:24	05:57 19:04	06:14 19:52	18:58 (5) 19:04 (5)	05:48 19:52	05:47 20:18	06:06 20:30	06:32 19:40	06:58 19:19	18:49 (5) 19:19 (5)	06:58 18:53	06:41 17:12	07:19 16:55
30	07:11 17:26	06:35 19:25	05:56 19:05	06:12 19:53	18:57 (5) 19:05 (5)	05:47 19:53	05:47 20:18	06:07 20:30	06:33 19:38	06:59 19:18	18:48 (5) 19:18 (5)	06:59 18:51	06:40 17:10	07:19 16:56
31	07:10 17:27	06:34 19:26	05:55 19:06	06:11 19:06	18:55 (5) 19:06 (5)	05:47 19:06	05:47 20:19	06:08 20:15	06:34 19:37	07:00 19:15	18:47 (5) 19:15 (5)	07:00 18:51	06:39 17:09	07:19 16:56
Ore potenziali eliofanía	307	302	370	394	439	441	448	421	337	373	266	349	306	299
Totale, caso peggiore			27	563										

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: Analisi Ombreggiamento Recettore d'ombra: AX - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (293)
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	07:20	07:09	06:38	06:52	18:54 (5)	06:11	05:46	05:47	06:09	06:35	18:56 (5)	07:00	06:29	07:00	
	16:57	17:28	17:58	19:27	13	19:07 (5)	19:54	20:20	20:14	19:35	18	19:14 (5)	18:50	17:08	16:48
2	07:20	07:08	06:36	06:51	18:53 (5)	06:10	05:46	05:48	06:09	06:35	18:54 (5)	07:01	06:30	07:01	
	16:58	17:30	17:59	19:28	14	19:07 (5)	19:55	20:20	20:13	19:34	19	19:13 (5)	18:48	17:07	16:47
3	07:20	07:08	06:35	06:49	18:53 (5)	06:09	05:46	05:48	06:10	06:36	18:53 (5)	07:01	06:31	07:02	
	16:59	17:31	18:00	19:29	16	19:09 (5)	19:56	20:21	20:12	19:33	19	19:12 (5)	18:47	17:06	16:47
4	07:20	07:07	06:34	06:48	18:53 (5)	06:08	05:45	05:49	06:11	06:37	18:52 (5)	07:02	06:32	07:03	
	17:00	17:32	18:01	19:30	16	19:09 (5)	19:57	20:22	20:11	19:31	18	19:10 (5)	18:45	17:05	16:47
5	07:20	07:06	06:32	06:46	18:53 (5)	06:07	05:45	05:49	06:12	06:38	18:50 (5)	07:03	06:33	07:04	
	17:01	17:33	18:02	19:31	17	19:10 (5)	19:58	20:22	20:10	19:30	18	19:08 (5)	18:44	17:04	16:47
6	07:20	07:05	06:31	06:45	18:53 (5)	06:06	05:45	05:50	06:13	06:39	18:49 (5)	07:04	06:34	07:04	
	17:02	17:34	18:03	19:31	18	19:11 (5)	19:59	20:23	20:09	19:28	18	19:07 (5)	18:42	17:03	16:47
7	07:20	07:04	06:29	06:43	18:54 (5)	06:05	05:44	05:50	06:14	06:40	18:48 (5)	07:05	06:35	07:05	
	17:02	17:35	18:04	19:32	18	19:12 (5)	19:59	20:23	20:08	19:27	17	19:05 (5)	18:41	17:02	16:47
8	07:20	07:03	06:28	06:42	18:54 (5)	06:04	05:44	05:51	06:14	06:40	18:48 (5)	07:06	06:36	07:06	
	17:03	17:36	18:05	19:33	18	19:12 (5)	20:00	20:24	20:07	19:25	16	19:04 (5)	18:39	17:01	16:47
9	07:20	07:02	06:27	06:40	18:55 (5)	06:03	05:44	05:52	06:15	06:41	18:47 (5)	07:07	06:37	07:07	
	17:04	17:37	18:06	19:34	19	19:14 (5)	20:01	20:25	20:06	19:24	16	19:03 (5)	18:38	17:00	16:47
10	07:20	07:01	06:25	06:39	18:56 (5)	06:02	05:44	05:52	06:16	06:42	18:46 (5)	07:08	06:38	07:08	
	17:05	17:38	18:07	19:35	19	19:15 (5)	20:02	20:25	20:05	19:22	15	19:01 (5)	18:37	16:59	16:47
11	07:20	07:00	06:24	06:38	18:57 (5)	06:01	05:44	05:53	06:17	06:43	18:46 (5)	07:09	06:39	07:09	
	17:06	17:39	18:08	19:36	18	19:15 (5)	20:03	20:26	20:03	19:21	13	18:59 (5)	18:35	16:58	16:47
12	07:20	06:59	06:22	06:36	19:00 (5)	06:00	05:44	05:53	06:18	06:44	18:46 (5)	07:09	06:40	07:09	
	17:07	17:41	18:09	19:37	15	19:15 (5)	20:04	20:26	20:02	19:19	12	18:58 (5)	18:34	16:58	16:47
13	07:19	06:58	06:21	06:35	19:03 (5)	05:59	05:44	05:54	06:19	06:45	18:46 (5)	07:10	06:41	07:10	
	17:08	17:42	18:10	19:38	7	19:10 (5)	20:05	20:26	20:01	19:17	11	18:57 (5)	18:32	16:57	16:48
14	07:19	06:57	06:19	06:33		05:58	05:44	05:55	06:20	06:45	18:46 (5)	07:11	06:42	07:11	
	17:09	17:43	18:11	19:39		20:06	20:27	20:27	20:00	19:16	9	18:55 (5)	18:31	16:56	16:48
15	07:19	06:56	06:18	06:32		05:57	05:44	05:55	06:20	06:46	18:46 (5)	07:12	06:44	07:12	
	17:10	17:44	18:12	19:40		20:06	20:27	20:26	19:59	19:14	7	18:53 (5)	18:29	16:55	16:48
16	07:19	06:54	06:16	06:30		05:56	05:44	05:56	06:21	06:47	18:47 (5)	07:13	06:45	07:12	
	17:11	17:45	18:12	19:40		20:07	20:28	20:26	19:57	19:13	5	18:52 (5)	18:28	16:55	16:48
17	07:18	06:53	06:15	06:29		05:55	05:44	05:57	06:22	06:48	18:48 (5)	07:14	06:46	07:13	
	17:12	17:46	18:13	19:41		20:08	20:28	20:25	19:56	19:11	2	18:50 (5)	18:27	16:54	16:49
18	07:18	06:52	06:13	06:28		05:55	05:44	05:58	06:23	06:49		07:15	06:47	07:14	
	17:13	17:47	18:14	19:42		20:09	20:28	20:25	19:55	19:10		18:25	16:53	16:49	
19	07:17	06:51	06:12	06:26		05:54	05:44	05:58	06:24	06:50		07:16	06:48	07:14	
	17:14	17:48	18:15	19:43		20:10	20:29	20:24	19:53	19:08		18:24	16:53	16:49	
20	07:17	06:50	06:10	06:25		05:53	05:44	05:59	06:25	06:50		07:17	06:49	07:15	
	17:15	17:49	18:16	19:44		20:11	20:29	20:23	19:52	19:07		18:23	16:52	16:50	
21	07:17	06:48	06:09	06:24		05:52	05:44	06:00	06:25	06:51		07:18	06:50	07:15	
	17:16	17:50	18:17	19:45		20:11	20:29	20:23	19:51	19:05		18:21	16:51	16:50	
22	07:16	06:47	06:07	06:22		05:52	05:45	06:01	06:26	06:52		07:19	06:51	07:16	
	17:18	17:51	18:18	19:46		20:12	20:29	20:22	19:50	19:04		18:20	16:51	16:51	
23	07:15	06:46	06:06	06:21		05:51	05:45	06:01	06:27	06:53		07:20	06:52	07:16	
	17:19	17:52	18:19	19:47		20:13	20:29	20:21	19:48	19:02		18:19	16:50	16:51	
24	07:15	06:44	06:04	06:20		05:50	05:45	06:02	06:28	06:54		07:21	06:53	07:17	
	17:20	17:53	18:20	19:48		20:14	20:30	20:21	19:47	19:01		18:18	16:50	16:52	
25	07:14	06:43	06:03	06:19		05:50	05:45	06:03	06:29	06:55		06:22	06:54	07:17	
	17:21	17:54	18:21	19:49		20:15	20:30	20:20	19:45	18:59		17:16	16:50	16:52	
26	07:14	06:42	06:01	06:17		05:49	05:46	06:04	06:30	06:55		06:23	06:55	07:18	
	17:22	17:55	18:22	18:00 (5)		20:15	20:30	20:19	19:44	18:57		17:15	16:49	16:53	
27	07:13	06:41	06:00	06:16		05:49	05:46	06:04	06:30	06:56		06:24	06:56	07:18	
	17:23	17:56	18:22	18:02 (5)		20:16	20:30	20:18	19:43	18:56		17:14	16:49	16:54	
28	07:12	06:39	05:58	06:15		05:48	05:46	06:05	06:31	06:57		06:25	06:57	07:18	
	17:24	17:57	18:23	18:03 (5)		20:17	20:30	20:17	19:41	18:54		17:13	16:48	16:54	
29	07:12		06:57	06:14		05:48	05:47	06:06	06:32	06:58		06:26	06:58	07:19	
	17:25		19:24	19:04 (5)		20:18	20:30	20:17	19:40	18:53		17:12	16:48	16:55	
30	07:11		06:55	06:12		05:47	05:47	06:07	06:33	06:59		06:27	06:59	07:19	
	17:26		19:25	19:05 (5)		20:18	20:30	20:16	19:38	8	19:03 (5)	18:51	17:10	16:48	
31	07:10		06:54	06:11		05:47	06:08	06:34	06:34	06:59		06:28	06:59	07:19	
	17:27		19:26	19:06 (5)		20:19	20:30	20:15	19:37	15	19:14 (5)	18:51	17:09	16:56	
Ore potenziali eliofanía	307	302	370	394		439	441	448	421	373		373	349	306	299
Totale, caso peggiore			43	208					23	233					

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: Analisi Ombreggiamento Recettore d'ombra: AY - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (294)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:47 20:30	06:09 20:14	06:35 19:35	07:00 18:50	06:29 17:08	07:00 16:48	
2	07:20 16:58	07:08 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:01 18:48	06:30 17:07	07:01 16:47	
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47	
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47	
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:29	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47	
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:31	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:04 16:47	
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:44 20:23	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47	
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47	
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47	
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:04	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47	
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47	
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:53 20:27	06:18 20:02	06:44 19:19	07:09 18:34	06:40 16:58	07:09 16:47	
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:17	18:46 (5) 18:51 (5)	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:19 20:00	06:45 19:16	18:41 (5) 18:55 (5)	07:11 18:31	06:42 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:06	05:44 20:27	05:55 20:26	06:20 19:59	06:46 19:14	18:38 (5) 18:53 (5)	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:12	17:50 (5) 06:30	06:30 19:40	05:56 20:07	05:44 20:28	06:21 19:57	06:47 19:13	18:36 (5) 18:52 (5)	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	17:48 (5) 17:53 (5)	06:29 19:41	05:55 20:08	05:44 20:28	06:22 19:56	06:48 19:11	18:35 (5) 18:50 (5)	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	17:47 (5) 17:54 (5)	06:28 19:42	05:55 20:09	05:44 20:28	06:23 19:55	06:49 19:10	18:34 (5) 18:49 (5)	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	17:46 (5) 17:55 (5)	06:26 19:43	05:54 20:10	05:44 20:29	06:24 19:53	06:50 19:08	18:33 (5) 18:47 (5)	07:16 18:24	06:48 16:53	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	17:46 (5) 17:56 (5)	06:25 19:44	05:53 20:11	05:44 20:29	06:25 19:52	06:50 19:07	18:31 (5) 18:45 (5)	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	17:45 (5) 17:57 (5)	06:24 19:45	05:52 20:11	05:44 20:29	06:00 19:51	06:51 19:05	18:31 (5) 18:44 (5)	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	17:45 (5) 17:58 (5)	06:22 19:46	05:52 20:12	05:45 20:29	06:01 19:50	06:26 19:04	18:30 (5) 18:42 (5)	07:19 18:20	06:51 16:51	07:16 16:51
23	07:15 17:19	06:46 17:52	06:06 18:19	17:45 (5) 17:58 (5)	06:21 19:47	05:51 20:13	05:45 20:29	06:27 19:48	06:53 19:02	18:30 (5) 18:41 (5)	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	06:44 17:53	06:04 18:20	17:45 (5) 18:00 (5)	06:20 19:48	05:50 20:14	05:45 20:30	06:28 19:47	06:54 19:01	18:30 (5) 18:40 (5)	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	17:45 (5) 18:00 (5)	06:19 19:49	05:50 20:15	05:45 20:30	06:29 19:45	06:55 18:59	18:30 (5) 18:37 (5)	07:22 17:16	06:54 16:50	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	17:46 (5) 18:02 (5)	06:17 19:49	05:49 20:15	05:46 20:30	06:04 19:44	06:30 18:57	18:30 (5) 18:36 (5)	07:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:22	17:47 (5) 18:02 (5)	06:16 19:50	05:49 20:16	05:46 20:30	06:04 20:18	06:56 19:43	18:31 (5) 18:34 (5)	07:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	17:48 (5) 18:03 (5)	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:17	06:31 19:41	18:32 (5) 18:33 (5)	07:25 17:13	06:57 16:48	07:18 16:54
29	07:12 17:25	06:37 19:24	06:57 19:24	18:50 (5) 19:04 (5)	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	18:33 (5) 18:53	07:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26	06:35 19:25	06:55 19:25	18:54 (5) 19:01 (5)	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27	06:34 19:26	06:54 19:26	05:47 20:19	05:47 20:19	06:08 20:15	06:34 20:15	06:34 19:37	18:51	06:28 17:09	06:59 16:56	07:19 16:56	
Ore potenziali eliofania	307	302	370	394	439	441	448	421	373	171	349	306	299
Totale, caso peggiore			168										

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: Analisi Ombreggiamento Recettore d'ombra: AZ - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (295)
Assunzioni sui calcoli d'ombra

- 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

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre		
1	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	18:55 (5) 19:07 (5)	06:11 19:54	05:46 20:20	05:47 20:30	06:09 20:14	06:35 19:35	07:00 18:50	06:29 17:08	07:00 16:48	
2	07:20 16:58	07:08 17:30	06:36 17:59	06:51 19:28	18:56 (5) 19:07 (5)	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:01 18:48	06:30 17:07	07:01 16:47	
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	18:59 (5) 19:08 (5)	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47	
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	06:08 20:22	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47	
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	06:07 20:22	05:45 20:29	05:49 20:10	06:12 19:30	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47	
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:31	06:06 19:59	06:06 20:23	05:45 20:29	05:50 20:09	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:04 16:47	
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	06:05 20:23	05:44 20:29	05:50 20:08	06:14 19:27	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47	
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	06:04 20:24	05:44 20:29	05:51 20:07	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47	
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	06:03 20:25	05:44 20:29	05:52 20:06	06:15 19:24	06:41 19:24	18:53 (5) 19:02 (5)	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	06:02 20:25	05:44 20:28	05:52 20:04	06:16 19:22	06:42 19:22	18:49 (5) 19:01 (5)	07:08 18:36	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	06:01 20:26	05:44 20:28	05:53 20:03	06:17 19:21	06:43 19:21	18:47 (5) 18:59 (5)	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	06:00 20:26	05:44 20:27	05:53 20:02	06:18 19:19	06:44 19:19	18:46 (5) 18:58 (5)	07:09 18:34	06:40 16:58	07:09 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	06:00 20:05	06:00 20:26	05:44 20:27	05:54 20:01	06:19 19:17	06:45 19:17	18:44 (5) 18:57 (5)	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	06:00 20:06	06:00 20:27	05:44 20:27	05:55 20:00	06:19 19:16	06:45 19:16	18:43 (5) 18:55 (5)	07:11 18:31	06:42 16:56	07:11 16:48
15	07:19 17:10	06:55 17:44	06:18 18:12	06:32 19:40	06:00 20:06	06:00 20:27	05:44 20:26	05:55 19:59	06:20 19:14	06:46 19:14	18:42 (5) 18:53 (5)	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:12	06:30 19:40	06:00 20:07	06:00 20:28	05:44 20:26	05:56 19:57	06:21 19:13	06:47 19:13	18:41 (5) 18:52 (5)	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	06:00 20:08	06:00 20:28	05:44 20:25	05:57 19:56	06:22 19:11	06:48 19:11	18:41 (5) 18:50 (5)	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	06:00 20:09	06:00 20:28	05:44 20:25	05:58 19:55	06:23 19:10	06:49 19:10	18:41 (5) 18:49 (5)	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	06:00 20:10	06:00 20:29	05:44 20:24	05:58 19:53	06:24 19:08	06:50 19:08	18:41 (5) 18:47 (5)	07:16 18:24	06:48 16:53	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	06:00 20:11	06:00 20:29	05:44 20:23	05:59 19:52	06:25 19:07	06:50 19:07	18:40 (5) 18:45 (5)	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 19:45	06:00 20:11	06:00 20:29	05:44 20:23	06:25 19:51	06:51 19:05	06:51 19:05	18:41 (5) 18:44 (5)	07:18 18:21	06:50 16:51	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	06:00 20:12	06:00 20:29	05:45 20:22	06:01 19:50	06:26 19:04	06:52 19:04	18:44 (5) 18:50 (5)	07:19 18:27	06:51 16:51	07:16 16:51
23	07:15 17:19	06:46 17:52	06:06 18:19	06:21 19:47	06:00 20:13	06:00 20:29	05:45 20:21	06:01 19:48	06:27 19:02	06:53 19:02	18:41 (5) 18:48 (5)	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	06:44 17:53	06:04 18:20	06:20 19:48	06:00 20:14	06:00 20:30	05:45 20:21	06:02 19:47	06:28 19:01	06:54 19:01	18:41 (5) 18:48 (5)	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	06:00 20:15	06:00 20:30	05:45 20:20	06:03 19:45	06:29 18:59	06:55 18:59	18:41 (5) 18:48 (5)	07:22 18:16	06:54 16:50	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:49	06:00 20:15	06:00 20:30	05:46 20:19	06:04 19:44	06:30 18:57	06:55 18:57	18:41 (5) 18:48 (5)	07:23 18:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:40 17:56	06:00 18:22	06:16 19:50	06:00 20:16	06:00 20:30	05:46 20:18	06:04 19:43	06:30 18:56	06:56 18:56	18:41 (5) 18:48 (5)	07:24 18:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	06:00 20:17	06:00 20:30	05:46 20:17	06:05 19:41	06:31 18:54	06:57 18:54	18:41 (5) 18:48 (5)	07:25 18:13	06:57 16:48	07:18 16:54
29	07:12 17:25	06:37 19:24	06:57 19:24	06:14 19:52	06:00 20:18	06:00 20:30	05:47 20:17	06:06 19:40	06:32 18:53	06:58 18:53	18:41 (5) 18:48 (5)	07:26 18:12	06:58 16:48	07:19 16:55
30	07:11 17:26	06:55 19:25	06:55 19:25	06:12 19:53	06:00 20:18	06:00 20:30	05:47 20:16	06:07 19:38	06:33 18:51	06:59 18:51	18:41 (5) 18:48 (5)	07:27 18:10	06:59 16:48	07:19 16:56
31	07:10 17:27	06:54 19:26	06:54 19:26	06:12 19:53	06:00 20:19	06:00 20:30	05:47 20:15	06:08 19:37	06:34 18:51	06:59 18:51	18:41 (5) 18:48 (5)	07:28 18:09	06:59 16:48	07:19 16:56
Ore potenziali eliofanìa	307	302	370	394	32	439	441	448	421	373	349	306	299	
Totale, caso peggiore			85	394	32	439	441	448	421	373	349	306	299	

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: Analisi Ombreggiamento Recettore d'ombra: BB - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (297)
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	07:20 16:57	07:09 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	19:20 (5) 19:56 (5)	05:48 20:30	19:29 (5) 20:07 (5)	06:09 20:14	19:32 (5) 19:51 (5)	06:35 18:50	07:00 17:08	06:29 16:48	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	19:21 (5) 19:57 (5)	05:48 20:30	19:28 (5) 20:06 (5)	06:09 20:13	19:33 (5) 19:51 (5)	06:36 18:48	07:01 17:07	06:30 16:47	07:01 16:47
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	19:22 (5) 19:58 (5)	05:48 20:30	19:28 (5) 20:06 (5)	06:10 20:12	19:34 (5) 19:50 (5)	06:36 18:47	07:01 17:06	06:31 16:47	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	19:31 (5) 19:35 (5)	05:49 20:22	05:49 20:30	19:29 (5) 20:06 (5)	06:11 20:11	19:35 (5) 19:49 (5)	06:37 18:45	07:02 17:05	06:32 16:47	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	19:30 (5) 19:35 (5)	05:45 20:22	05:49 20:29	19:28 (5) 20:05 (5)	06:12 20:10	19:35 (5) 19:37 (5)	06:38 18:44	07:03 17:04	06:33 16:47	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:31	06:06 19:59	19:28 (5) 19:36 (5)	05:45 20:23	05:50 20:29	19:27 (5) 19:59 (5)	06:13 20:09	19:37 (5) 19:47 (5)	06:39 18:42	07:04 17:03	06:34 16:47	07:04 16:47
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	19:26 (5) 19:37 (5)	05:44 20:23	05:51 20:29	19:29 (5) 20:06 (5)	06:14 20:08	19:38 (5) 19:46 (5)	06:40 18:41	07:05 17:02	06:35 16:47	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	19:25 (5) 19:38 (5)	05:44 20:24	05:51 20:29	19:23 (5) 20:01 (5)	06:14 20:07	19:40 (5) 19:45 (5)	06:40 18:39	07:06 17:01	06:36 16:47	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	19:24 (5) 19:39 (5)	05:44 20:25	05:52 20:29	19:29 (5) 20:05 (5)	06:15 20:06	19:42 (5) 19:44 (5)	06:41 18:38	07:07 17:00	06:37 16:47	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	19:23 (5) 19:40 (5)	05:44 20:25	05:52 20:28	19:28 (5) 20:01 (5)	06:16 20:05	19:44 (5) 19:49 (5)	06:42 18:37	07:08 16:59	06:38 16:47	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	19:22 (5) 19:40 (5)	05:44 20:26	05:53 20:28	19:29 (5) 20:04 (5)	06:17 20:03	19:51 (5) 19:56 (5)	06:43 18:35	07:09 16:58	06:39 16:47	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	19:22 (5) 19:42 (5)	05:44 20:26	05:54 20:27	19:24 (5) 20:03 (5)	06:18 20:02	19:52 (5) 20:00 (5)	06:44 18:31	07:09 16:58	06:40 16:47	07:09 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	19:22 (5) 19:43 (5)	05:44 20:26	05:54 20:27	19:24 (5) 20:03 (5)	06:19 20:01	19:53 (5) 20:01 (5)	06:45 18:32	07:10 16:57	06:41 16:48	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	19:21 (5) 19:43 (5)	05:44 20:27	05:55 20:27	19:25 (5) 20:03 (5)	06:20 20:00	19:54 (5) 20:03 (5)	06:45 18:31	07:11 16:56	06:42 16:48	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:06	19:20 (5) 19:44 (5)	05:44 20:27	05:55 20:26	19:25 (5) 20:02 (5)	06:20 19:59	19:56 (5) 20:02 (5)	06:46 18:29	07:12 16:55	06:43 16:48	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	19:20 (5) 19:44 (5)	05:44 20:28	05:56 20:26	19:25 (5) 20:02 (5)	06:21 19:57	19:57 (5) 20:02 (5)	06:47 18:28	07:13 16:55	06:44 16:48	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	19:19 (5) 19:45 (5)	05:44 20:28	05:57 20:25	19:26 (5) 20:02 (5)	06:22 19:56	19:58 (5) 20:02 (5)	06:48 18:27	07:14 16:54	06:46 16:49	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	19:20 (5) 19:47 (5)	05:44 20:28	05:58 20:25	19:27 (5) 20:02 (5)	06:23 19:55	19:59 (5) 20:02 (5)	06:49 18:25	07:15 16:53	06:47 16:49	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	19:19 (5) 19:47 (5)	05:44 20:29	05:58 20:24	19:27 (5) 20:01 (5)	06:24 19:54	20:00 (5) 20:01 (5)	06:50 18:24	07:16 16:53	06:48 16:49	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	19:19 (5) 19:47 (5)	05:44 20:29	05:59 20:23	19:27 (5) 20:05 (5)	06:25 19:52	20:00 (5) 20:00 (5)	06:50 18:23	07:17 16:52	06:49 16:50	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:11	19:20 (5) 19:49 (5)	05:44 20:29	06:00 20:23	19:27 (5) 20:05 (5)	06:25 19:51	20:00 (5) 20:00 (5)	06:51 18:21	07:18 16:51	06:50 16:50	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	19:19 (5) 19:49 (5)	05:45 20:29	06:01 20:22	19:27 (5) 20:05 (5)	06:26 19:50	20:00 (5) 20:00 (5)	06:52 18:20	07:19 16:51	06:51 16:51	07:16 16:51
23	07:15 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	19:19 (5) 19:50 (5)	05:45 20:30	06:01 20:21	19:28 (5) 19:58 (5)	06:27 19:48	20:01 (5) 20:01 (5)	06:53 18:19	07:20 16:50	06:52 16:51	07:16 16:51
24	07:15 17:20	06:44 17:53	06:04 18:20	06:20 19:48	05:50 20:14	19:19 (5) 19:51 (5)	05:45 20:30	06:02 20:21	19:27 (5) 20:06 (5)	06:28 19:47	20:02 (5) 20:02 (5)	06:54 18:18	07:21 16:50	06:53 16:52	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	19:19 (5) 19:51 (5)	05:45 20:30	06:03 20:20	19:27 (5) 20:05 (5)	06:29 19:45	20:03 (5) 20:03 (5)	06:55 18:19	07:22 16:50	06:54 16:52	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:49	05:49 20:15	19:20 (5) 19:52 (5)	05:46 20:30	06:04 20:19	19:28 (5) 20:06 (5)	06:30 19:44	20:04 (5) 20:04 (5)	06:55 18:17	07:23 16:49	06:55 16:53	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	19:19 (5) 19:53 (5)	05:46 20:30	06:04 20:18	19:28 (5) 20:06 (5)	06:30 19:43	20:05 (5) 20:05 (5)	06:56 18:16	07:24 16:49	06:56 16:54	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	19:20 (5) 19:54 (5)	05:46 20:30	06:05 20:17	19:28 (5) 20:06 (5)	06:31 19:41	20:06 (5) 20:06 (5)	06:57 18:15	07:25 16:48	06:57 16:54	07:18 16:54
29	07:12 17:25	06:37 19:24	05:57 19:52	06:14 19:52	05:48 20:18	19:20 (5) 19:54 (5)	05:47 20:30	06:06 20:17	19:28 (5) 20:06 (5)	06:32 19:40	20:07 (5) 20:07 (5)	06:58 18:13	07:26 16:48	06:58 16:55	07:19 16:55
30	07:11 17:26	06:35 19:25	05:56 19:53	06:12 19:53	05:47 20:18	19:20 (5) 19:55 (5)	05:47 20:30	06:07 20:16	19:28 (5) 20:06 (5)	06:33 19:38	20:08 (5) 20:08 (5)	06:59 18:11	07:27 16:48	06:59 16:56	07:19 16:56
31	07:10 17:27	06:34 19:26	05:55 19:26	06:11 20:19	05:47 20:19	19:21 (5) 19:56 (5)	05:47 20:30	06:08 20:15	19:32 (5) 19:52 (5)	06:34 19:37	20:09 (5) 20:09 (5)	06:59 17:09	07:28 16:48	07:00 16:56	07:19 16:56
Ore potenziali eliofanía	307	302	370	394	439	669	441	990	104	373	349	306	299		
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: Analisi Ombreggiamento Recettore d'ombra: BC - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (298)
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	07:20 16:57	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:44 20:23	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:58	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:47
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:06	05:44 20:27	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:40	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:49
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:16	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:11	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	06:22 17:16	06:54 16:50	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:57	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:05 20:18	06:31 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:17	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:48	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: BD - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (299)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:23	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:59	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:06	05:44 20:27	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:30	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:12	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	06:22 17:16	06:54 16:50	07:17 16:53
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:58	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:05 20:18	06:31 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:49	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:57
Ore potenziali eliofania	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: BE - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (300)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:23	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:59	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:06	05:44 20:27	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:30	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:41	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:11	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	07:22 17:16	06:54 16:50	07:17 16:53
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:58	07:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:05 20:18	06:31 19:43	06:56 18:56	07:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	06:57 16:49	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	07:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	07:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:57
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: BF - Shadow Receptor: 2,0 x 2,0 Azimuth: 0,0° Slope: 90,0° (301)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:23	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:59	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:06	05:44 20:27	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:40	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:11	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	06:22 17:16	06:54 16:50	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:58	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:05 20:18	06:31 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:49	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:57
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: BG - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (302)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:23	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:59	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:06	05:44 20:27	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:40	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:11	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	06:22 17:16	06:54 16:50	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:58	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:05 20:18	06:31 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:49	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:57
Ore potenziali eliofania	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: BH - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (303)
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	07:20 16:58	07:09 17:29	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	06:29 17:08	07:00 16:48
2	07:20 16:58	07:09 17:30	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	06:30 17:07	07:01 16:48
3	07:20 16:59	07:08 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21	05:48 20:30	06:10 20:12	06:36 19:33	07:01 18:47	06:31 17:06	07:02 16:47
4	07:20 17:00	07:07 17:32	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	06:32 17:05	07:03 16:47
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	06:33 17:04	07:04 16:47
6	07:20 17:02	07:05 17:34	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 17:03	07:05 16:47
7	07:20 17:03	07:04 17:35	06:29 18:04	06:43 19:32	06:05 19:59	05:45 20:23	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41	06:35 17:02	07:05 16:47
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	06:36 17:01	07:06 16:47
9	07:20 17:04	07:02 17:37	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	06:37 17:00	07:07 16:47
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	06:38 16:59	07:08 16:47
11	07:20 17:06	07:00 17:40	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	06:39 16:59	07:09 16:47
12	07:20 17:07	06:59 17:41	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	06:40 16:58	07:09 16:48
13	07:19 17:08	06:58 17:42	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	06:41 16:57	07:10 16:48
14	07:19 17:09	06:57 17:43	06:19 18:11	06:33 19:39	05:58 20:06	05:44 20:27	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	06:43 16:56	07:11 16:48
15	07:19 17:10	06:56 17:44	06:18 18:12	06:32 19:40	05:57 20:06	05:44 20:27	05:56 20:26	06:20 19:59	06:46 19:14	07:12 18:29	06:44 16:55	07:12 16:48
16	07:19 17:11	06:54 17:45	06:16 18:13	06:31 19:40	05:56 20:07	05:44 20:28	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	06:45 16:55	07:12 16:48
17	07:18 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:46 16:54	07:13 16:49
18	07:18 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:55 20:09	05:44 20:28	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	06:47 16:53	07:14 16:49
19	07:17 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:29	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	06:48 16:53	07:14 16:50
20	07:17 17:15	06:50 17:49	06:10 18:16	06:25 19:44	05:53 20:11	05:44 20:29	05:59 20:23	06:25 19:52	06:50 19:07	07:17 18:23	06:49 16:52	07:15 16:50
21	07:17 17:17	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:11	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 16:52	07:15 16:50
22	07:16 17:18	06:47 17:51	06:07 18:18	06:22 19:46	05:52 20:12	05:45 20:29	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	06:51 16:51	07:16 16:51
23	07:16 17:19	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:30	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 16:51	07:16 16:51
24	07:15 17:20	06:45 17:53	06:04 18:20	06:20 19:48	05:50 20:14	05:45 20:30	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	06:53 16:50	07:17 16:52
25	07:14 17:21	06:43 17:54	06:03 18:21	06:19 19:49	05:50 20:15	05:45 20:30	06:03 20:20	06:29 19:45	06:55 18:59	06:22 17:16	06:54 16:50	07:17 16:52
26	07:14 17:22	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:15	05:46 20:30	06:04 20:19	06:30 19:44	06:55 18:58	06:23 17:15	06:55 16:49	07:18 16:53
27	07:13 17:23	06:41 17:56	06:00 18:23	06:16 19:50	05:49 20:16	05:46 20:30	06:05 20:18	06:31 19:43	06:56 18:56	06:24 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30	06:05 20:18	06:31 19:41	06:57 18:54	06:25 17:13	06:57 16:49	07:18 16:54
29	07:12 17:25		06:57 19:24	06:14 19:52	05:48 20:18	05:47 20:30	06:06 20:17	06:32 19:40	06:58 18:53	06:26 17:12	06:58 16:48	07:19 16:55
30	07:11 17:26		06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27		06:54 19:26		05:47 20:19		06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:57
Ore potenziali eliofanìa	307	302	370	394	439	441	448	421	373	349	306	299
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: Analisi Ombreggiamento Recettore d'ombra: BI - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (304)
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	07:20 16:57	26 08:22 (7) 08:48 (7)	07:09 17:28	07:37 (9) 08:04 (9)	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:20
2	07:20 16:58	25 08:23 (7) 08:48 (7)	07:09 17:30	07:38 (9) 08:04 (9)	06:37 17:59	06:51 19:28	06:10 19:55	05:46 20:21
3	07:20 16:59	24 08:24 (7) 08:48 (7)	07:08 17:31	07:39 (9) 08:04 (9)	06:35 18:00	06:49 19:29	06:09 19:56	05:46 20:21
4	07:20 17:00	22 08:25 (7) 08:47 (7)	07:07 17:32	07:40 (9) 08:04 (9)	06:34 18:01	06:48 19:30	06:08 19:57	05:45 20:22
5	07:20 17:01	21 08:26 (7) 08:47 (7)	07:06 17:33	07:41 (9) 08:03 (9)	06:32 18:02	06:46 19:31	06:07 19:58	05:45 20:22
6	07:20 17:02	19 08:27 (7) 08:46 (7)	07:05 17:34	07:42 (9) 08:02 (9)	06:31 18:03	06:45 19:32	06:06 19:59	05:45 20:23
7	07:20 17:02	16 08:29 (7) 08:45 (7)	07:04 17:35	07:44 (9) 08:00 (9)	06:30 18:04	06:43 19:32	06:05 20:00	05:44 20:24
8	07:20 17:03	13 08:31 (7) 08:44 (7)	07:03 17:36	07:46 (9) 07:58 (9)	06:28 18:05	06:42 19:33	06:04 20:00	05:44 20:24
9	07:20 17:04	8 08:33 (7) 08:41 (7)	07:02 17:37	07:49 (9) 07:55 (9)	06:27 18:06	06:40 19:34	06:03 20:01	05:44 20:25
10	07:20 17:05		07:01 17:38	06:25 18:07	06:39 19:35	06:02 20:02	05:44 20:25	
11	07:20 17:06		07:00 17:39	06:24 18:08	06:38 19:36	06:01 20:03	05:44 20:26	
12	07:20 17:07		06:59 17:41	06:22 18:09	06:40 (6) 06:49 (6)	06:36 19:37	06:00 20:04	05:44 20:26
13	07:20 17:08		06:58 17:42	06:21 18:10	06:39 (6) 06:51 (6)	06:35 19:38	05:59 20:05	05:44 20:27
14	07:19 17:09		06:57 17:43	06:19 18:11	06:37 (6) 06:52 (6)	06:33 19:39	05:58 20:06	05:44 20:27
15	07:19 17:10	6 07:44 (9) 07:50 (9)	06:56 17:44	06:18 18:12	06:36 (6) 06:54 (6)	06:32 19:40	05:57 20:07	05:44 20:27
16	07:19 17:11	11 07:41 (9) 07:52 (9)	06:54 17:45	06:16 18:13	06:34 (6) 06:53 (6)	06:31 19:41	05:56 20:07	05:44 20:28
17	07:18 17:12	14 07:40 (9) 07:54 (9)	06:53 17:46	06:15 18:13	06:33 (6) 06:54 (6)	06:29 19:41	05:55 20:08	05:44 20:28
18	07:18 17:13	16 07:40 (9) 07:56 (9)	06:52 17:47	06:13 18:14	06:31 (6) 06:54 (6)	06:28 19:42	05:55 20:09	05:44 20:28
19	07:18 17:14	19 07:38 (9) 07:57 (9)	06:51 17:48	06:12 18:15	06:31 (6) 06:54 (6)	06:26 19:43	05:54 20:10	05:44 20:29
20	07:17 17:15	21 07:38 (9) 07:59 (9)	06:50 17:49	06:10 18:16	06:30 (6) 06:53 (6)	06:25 19:44	05:53 20:11	05:44 20:29
21	07:17 17:16	22 07:37 (9) 07:59 (9)	06:48 17:50	06:09 18:17	06:31 (6) 06:53 (6)	06:24 19:45	05:52 20:12	05:44 20:29
22	07:16 17:18	24 07:37 (9) 08:01 (9)	06:47 17:51	06:07 18:18	06:31 (6) 06:51 (6)	06:22 19:46	05:52 20:12	05:45 20:29
23	07:16 17:19	24 07:37 (9) 08:01 (9)	06:46 17:52	06:06 18:19	06:31 (6) 06:49 (6)	06:21 19:47	05:51 20:13	05:45 20:30
24	07:15 17:20	26 07:36 (9) 08:02 (9)	06:45 17:53	06:04 18:20	06:32 (6) 06:48 (6)	06:20 19:48	05:50 20:14	05:45 20:30
25	07:14 17:21	26 07:37 (9) 08:03 (9)	06:43 17:54	06:03 18:21	06:34 (6) 06:45 (6)	06:19 19:49	05:50 20:15	05:45 20:30
26	07:14 17:22	27 07:36 (9) 08:03 (9)	06:42 17:55	06:01 18:22	06:17 19:50	05:49 20:16	05:49 20:16	05:46 20:30
27	07:13 17:23	27 07:36 (9) 08:03 (9)	06:41 17:56	06:00 18:23	06:16 19:51	05:49 20:16	05:49 20:16	05:46 20:30
28	07:12 17:24	28 07:37 (9) 08:05 (9)	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:48 20:17	05:46 20:30
29	07:12 17:25	28 07:37 (9) 08:05 (9)	06:39 17:57	06:57 19:24	06:14 19:52	05:48 20:18	05:48 20:18	05:47 20:30
30	07:11 17:26	27 07:37 (9) 08:04 (9)	06:39 17:57	06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:18	05:47 20:30
31	07:10 17:27	27 07:37 (9) 08:04 (9)	06:39 17:57	06:54 19:26		05:47 20:19		
Ore potenziali eliofanìa	307		302	370	394	439	441	
Totale, caso peggiore	547		178	250				

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: Analisi Ombreggiamento Recettore d'ombra: BI - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (304)
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	October	November	Dicembre
1	05:47 20:30	06:09 20:14	06:35 19:36	07:00 18:50	07:19 (6) 17:08	07:00 16:48
2	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	07:21 (6) 17:07	07:01 16:47
3	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	07:14 (9) 17:06	07:02 16:47
4	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	07:13 (9) 17:05	07:03 16:47
5	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44	07:12 (9) 17:04	07:04 16:47
6	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	07:11 (9) 17:03	07:05 16:47
7	05:50 20:29	06:14 20:08	06:40 19:27	07:05 18:41	07:10 (9) 17:02	07:06 16:47
8	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:39	07:09 (9) 17:01	07:06 16:47
9	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38	07:08 (9) 17:00	07:07 16:47
10	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37	07:08 (9) 16:59	07:08 16:47
11	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	07:08 (9) 16:58	07:09 16:47
12	05:53 20:28	06:18 20:02	06:44 19:19	07:10 18:34	07:09 (9) 16:58	07:10 16:47
13	05:54 20:27	06:19 20:01	06:45 19:18	07:10 18:32	07:09 (9) 16:57	07:10 16:48
14	05:55 20:27	06:20 20:00	06:45 19:16	07:11 18:31	07:09 (9) 16:56	07:11 16:48
15	05:55 20:26	06:20 19:59	06:46 19:14	07:12 18:29	07:09 (9) 16:55	07:12 16:48
16	05:56 20:26	06:21 19:57	06:47 19:13	07:13 18:28	07:09 (9) 16:55	07:12 16:48
17	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	07:10 (9) 16:54	07:13 16:49
18	05:58 20:25	06:23 19:55	06:49 19:10	07:15 18:25	07:10 (9) 16:53	07:14 16:49
19	05:58 20:24	06:24 19:54	06:50 19:08	07:16 18:24	07:11 (9) 16:53	07:14 16:49
20	05:59 20:24	06:25 19:52	06:50 19:07	07:17 18:23	07:11 (9) 16:52	07:15 16:50
21	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	07:13 (9) 16:51	07:16 16:50
22	06:01 20:22	06:26 19:50	06:52 19:04	07:19 18:20	07:14 (9) 16:51	07:16 16:51
23	06:01 20:22	06:27 19:48	06:53 19:02	07:20 18:19	07:15 (9) 16:50	07:17 16:51
24	06:02 20:21	06:28 19:47	06:54 19:01	07:21 18:18	07:16 (9) 16:50	07:17 16:52
25	06:03 20:20	06:29 19:46	06:55 18:59	07:22 17:16	07:17 (9) 16:50	07:17 16:52
26	06:04 20:19	06:30 19:44	06:56 18:58	07:23 17:15	07:18 (9) 16:49	07:18 16:53
27	06:04 20:18	06:31 19:43	06:56 18:56	07:24 17:14	07:19 (9) 16:49	07:18 16:54
28	06:05 20:18	06:31 19:41	06:57 18:54	07:25 17:13	07:20 (9) 16:48	07:19 16:54
29	06:06 20:17	06:32 19:40	06:58 18:53	07:26 17:12	07:21 (9) 16:48	07:19 16:55
30	06:07 20:16	06:33 19:38	06:59 18:51	07:27 17:10	07:22 (9) 16:48	07:19 16:56
31	06:08 20:15	06:34 19:37		06:28 17:09		07:19 16:56
Ore potenziali eliofanìa	448	421	373	349	306	299
Totale, caso peggiore			243	14	556	764

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: Analisi Ombreggiamento Recettore d'ombra: BJ - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (305)
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	07:20 16:57	07:09 17:29	07:32 (8) 07:55 (8)	06:38 17:58	06:52 19:27	07:40 (7) 19:54
2	07:20 16:58	07:09 17:30	07:32 (8) 07:55 (8)	06:37 17:59	06:51 19:28	06:10 19:55
3	07:20 16:59	07:08 17:31	07:33 (8) 07:56 (8)	06:35 18:00	06:49 19:29	06:09 19:56
4	07:20 17:00	07:07 17:32	07:33 (8) 07:56 (8)	06:34 18:01	06:48 19:30	06:08 19:57
5	07:20 17:01	07:06 17:33	07:33 (8) 07:56 (8)	06:32 18:02	06:46 19:31	06:07 19:58
6	07:20 17:02	07:05 17:34	07:33 (8) 07:56 (8)	06:31 18:03	06:45 19:32	06:06 19:59
7	07:20 17:03	07:04 17:35	07:34 (8) 07:56 (8)	06:30 18:04	06:43 19:32	06:05 20:00
8	07:20 17:03	07:03 17:36	07:34 (8) 07:55 (8)	06:28 18:05	06:42 19:33	06:04 20:00
9	07:20 17:04	07:02 17:37	07:35 (8) 07:54 (8)	06:27 18:06	06:52 (7) 06:55 (7)	06:40 19:34
10	07:20 17:05	07:01 17:38	07:36 (8) 07:53 (8)	06:25 18:07	06:45 (7) 07:00 (7)	06:39 19:35
11	07:20 17:06	07:00 17:40	07:38 (8) 07:52 (8)	06:24 18:08	06:42 (7) 07:03 (7)	06:38 19:36
12	07:20 17:07	06:59 17:41	07:39 (8) 07:49 (8)	06:22 18:09	06:40 (7) 07:04 (7)	06:36 19:37
13	07:20 17:08	06:58 17:42	06:21 18:10	06:39 (7) 07:06 (7)	06:35 19:38	06:59 20:05
14	07:19 17:09	06:57 17:43	06:19 18:11	06:37 (7) 07:07 (7)	06:33 19:39	06:51 (6) 20:06
15	07:19 17:10	06:56 17:44	06:18 18:12	06:36 (7) 07:08 (7)	06:32 19:40	06:50 (6) 20:07
16	07:19 17:11	06:54 17:45	06:16 18:13	06:34 (7) 07:08 (7)	06:31 19:41	06:48 (6) 20:07
17	07:18 17:12	06:53 17:46	06:15 18:14	06:33 (7) 07:09 (7)	06:29 19:41	06:47 (6) 20:08
18	07:18 17:13	06:52 17:47	06:13 18:14	06:32 (7) 07:08 (7)	06:28 19:42	06:46 (6) 20:09
19	07:18 17:14	06:51 17:48	06:12 18:15	06:32 (7) 07:09 (7)	06:26 19:43	06:44 (6) 20:10
20	07:17 17:15	06:50 17:49	06:10 18:16	06:31 (7) 07:08 (7)	06:25 19:44	06:43 (6) 20:11
21	07:17 17:16	06:48 17:50	06:09 18:17	06:31 (7) 07:08 (7)	06:24 19:45	06:42 (6) 20:12
22	07:16 17:18	06:47 17:51	06:07 18:18	06:31 (7) 07:07 (7)	06:22 19:46	06:40 (6) 20:12
23	07:16 17:19	06:46 17:52	06:06 18:19	06:30 (7) 07:06 (7)	06:21 19:47	06:40 (6) 20:13
24	07:15 17:20	06:45 17:53	06:04 18:20	06:31 (7) 07:06 (7)	06:20 19:48	06:41 (6) 20:14
25	07:14 17:21	06:43 07:38 (8) 07:46 (8)	06:03 18:21	06:30 (7) 07:05 (7)	06:19 19:49	06:42 (6) 20:15
26	07:14 17:22	06:42 07:36 (8) 07:49 (8)	06:01 18:22	06:31 (7) 07:04 (7)	06:17 19:50	06:43 (6) 20:16
27	07:13 17:23	06:41 07:35 (8) 07:50 (8)	06:00 18:23	06:31 (7) 07:03 (7)	06:16 19:51	06:53 (6) 20:16
28	07:13 17:24	06:39 07:35 (8) 07:52 (8)	05:58 18:24	06:33 (7) 07:02 (7)	06:15 19:51	06:46 (6) 20:17
29	07:12 17:25	06:38 07:34 (8) 07:53 (8)	06:57 19:24	07:33 (7) 07:59 (7)	06:14 19:52	05:48 20:18
30	07:11 17:26	06:37 07:33 (8) 07:54 (8)	06:55 19:25	07:35 (7) 07:58 (7)	06:12 19:53	05:47 20:18
31	07:10 17:27	06:36 07:32 (8) 07:54 (8)	06:54 19:26	07:37 (7) 07:55 (7)	06:11 19:54	05:47 20:19
Ore potenziali eliofanìa	307	302	370	394	439	441
Totale, caso peggiore	115	241	672	182		

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: Analisi Ombreggiamento Recettore d'ombra: BJ - Shadow Receptor: 2,0 × 2,0 Azimuth: 0,0° Slope: 90,0° (305)
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

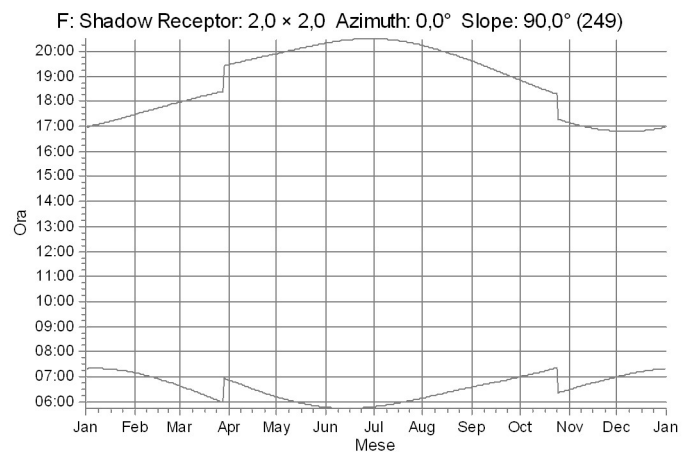
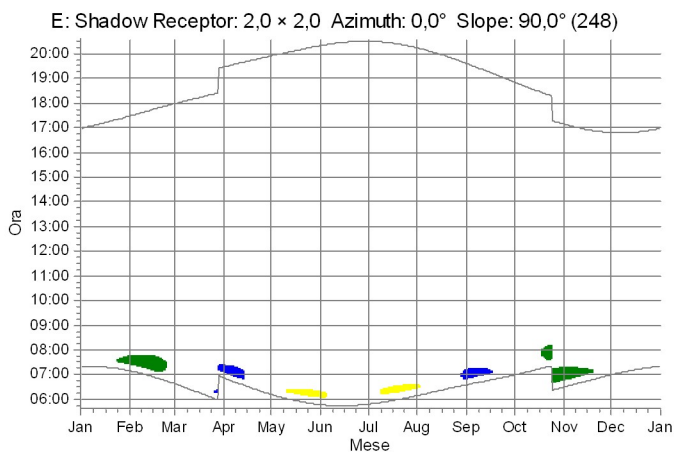
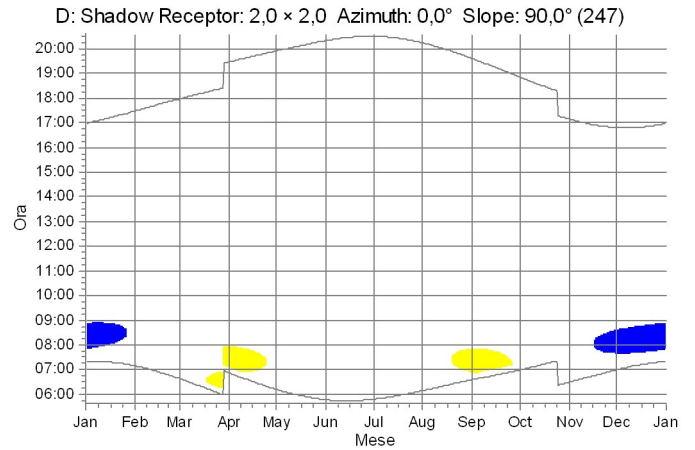
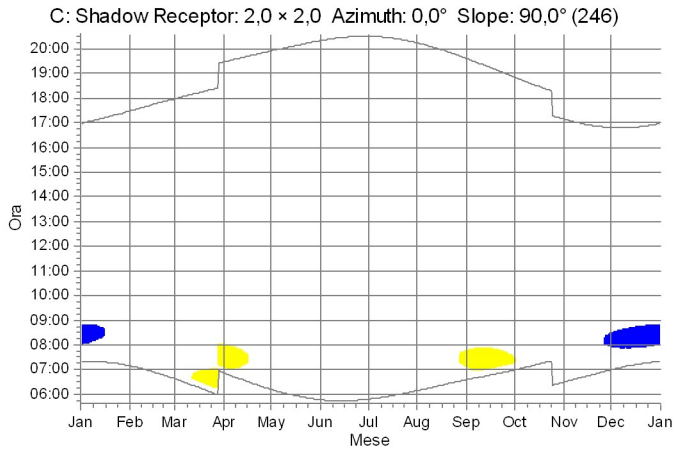
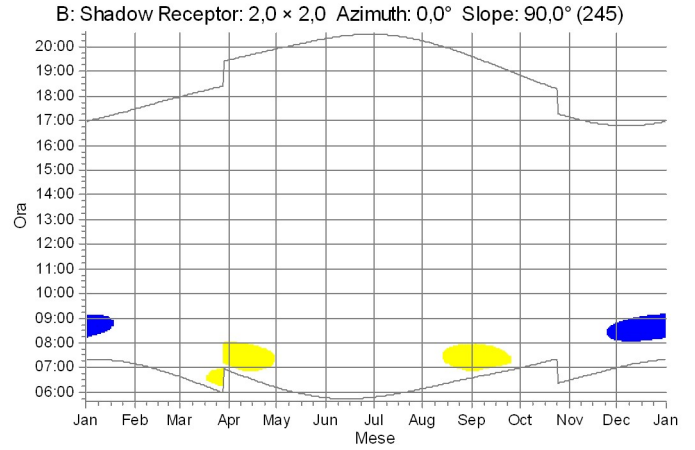
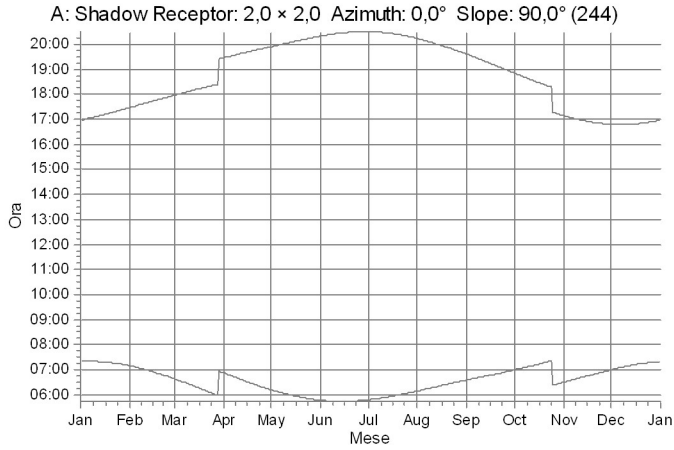
	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre	
1	05:48 20:30	06:09 20:14	06:35 19:36	07:00 18:50	07:19 (7) 07:45 (7)	06:29 17:08	07:05 (8) 16:48
2	05:48 20:30	06:09 20:13	06:36 19:34	07:01 18:48	07:20 (7) 07:43 (7)	06:30 17:07	07:04 (8) 16:48
3	05:48 20:30	06:10 20:12	06:36 19:33	07:02 18:47	07:21 (7) 07:39 (7)	06:31 17:06	07:03 (8) 16:47
4	05:49 20:30	06:11 20:11	06:37 19:31	07:02 18:45	07:25 (7) 07:35 (7)	06:32 17:05	07:03 (8) 16:47
5	05:49 20:30	06:12 20:10	06:38 19:30	07:03 18:44		06:33 17:04	07:03 (8) 16:47
6	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42		06:34 17:03	07:03 (8) 16:47
7	05:51 20:29	06:14 20:08	06:40 19:27	07:05 18:41		06:35 17:02	07:02 (8) 16:47
8	05:51 20:29	06:14 20:07	06:41 19:25	07:06 18:40		06:36 17:01	07:02 (8) 16:47
9	05:52 20:29	06:15 20:06	06:41 19:24	07:07 18:38		06:37 17:00	07:03 (8) 16:47
10	05:52 20:28	06:16 20:05	06:42 19:22	07:08 18:37		06:38 16:59	07:03 (8) 16:47
11	05:53 20:28	06:17 20:03	06:43 19:21	07:09 18:35	07:33 (7)	06:39 16:59	07:03 (8) 16:47
12	05:54 20:28	06:18 20:02	06:44 19:19	07:10 18:34	07:29 (7)	06:41 16:58	07:05 (8) 16:47
13	05:54 20:27	06:19 20:01	06:45 19:18	07:11 18:32	07:27 (7)	06:42 16:57	07:06 (8) 16:48
14	05:55 20:27	06:20 20:00	06:46 19:16	07:11 18:31	07:25 (7)	06:43 16:56	07:07 (8) 16:48
15	05:56 20:26	06:20 19:59	06:46 19:15	07:12 18:30	07:22 (7)	06:44 16:55	07:08 (8) 16:48
16	05:56 19:57	06:21 19:57	06:52 (6) 06:57 (6)	06:47 19:13	07:21 (7)	06:45 16:55	07:09 (8) 16:48
17	05:57 20:25	06:22 19:56	06:49 (6) 07:00 (6)	06:48 19:11	07:20 (7)	06:46 16:54	07:11 (8) 16:49
18	05:58 20:25	06:23 19:55	06:47 (6) 07:01 (6)	06:49 19:10	07:19 (7)	06:47 16:53	07:14 16:49
19	05:58 20:24	06:24 19:54	06:46 (6) 07:02 (6)	06:50 19:08	07:18 (7)	06:48 16:53	07:14 16:49
20	05:59 20:24	06:25 19:52	06:46 (6) 07:03 (6)	06:50 19:07	07:16 (7)	06:49 16:52	07:15 16:50
21	06:00 20:23	06:25 19:51	06:46 (6) 07:04 (6)	06:51 19:05	07:16 (7)	06:50 16:52	07:16 16:50
22	06:01 20:22	06:26 19:50	06:46 (6) 07:03 (6)	06:52 19:04	07:16 (7)	06:51 16:51	07:16 16:51
23	06:01 20:22	06:27 19:48	06:47 (6) 07:03 (6)	06:53 19:02	07:15 (7)	06:52 16:50	07:17 16:51
24	06:02 20:21	06:28 19:47	06:48 (6) 07:03 (6)	06:54 19:01	07:15 (7)	06:53 16:50	07:17 16:52
25	06:03 20:20	06:29 19:46	06:49 (6) 07:02 (6)	06:55 18:59	07:15 (7)	06:54 16:50	07:17 16:52
26	06:04 20:19	06:30 19:44	06:50 (6) 07:01 (6)	06:56 18:58	07:14 (9)	06:55 16:49	07:18 16:53
27	06:05 20:18	06:31 19:43	06:50 (6) 06:59 (6)	06:56 18:56	07:15 (7)	06:56 16:49	07:18 16:54
28	06:05 20:18	06:31 19:41	06:51 (6) 06:58 (6)	06:57 18:54	07:16 (7)	06:57 16:48	07:19 16:54
29	06:06 20:17	06:32 19:40	06:52 (6) 06:56 (6)	06:58 18:53	07:17 (7)	06:58 16:48	07:19 16:55
30	06:07 20:16	06:33 19:39	06:59 18:51	06:27 17:10	07:18 (7)	06:27 17:10	06:59 16:48
31	06:08 20:15	06:34 19:37		06:28 17:09	07:19 (8)	07:06 (8)	16:48 16:56
Ore potenziali eliofanìa	448	421	373	349	306	331	299
Totale, caso peggiore		173	622	102	331		

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: Analisi Ombreggiamento



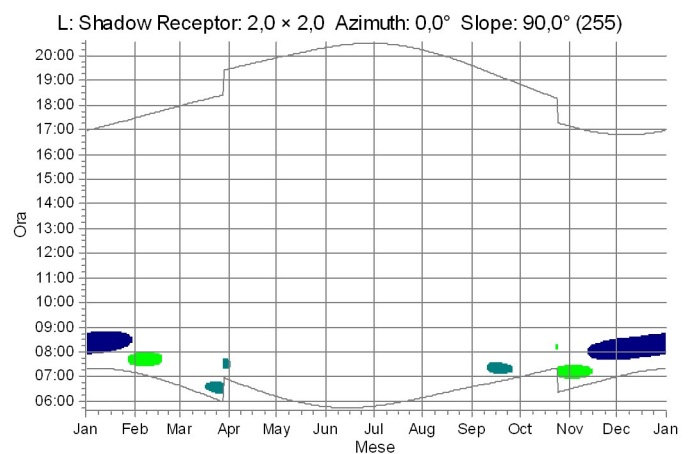
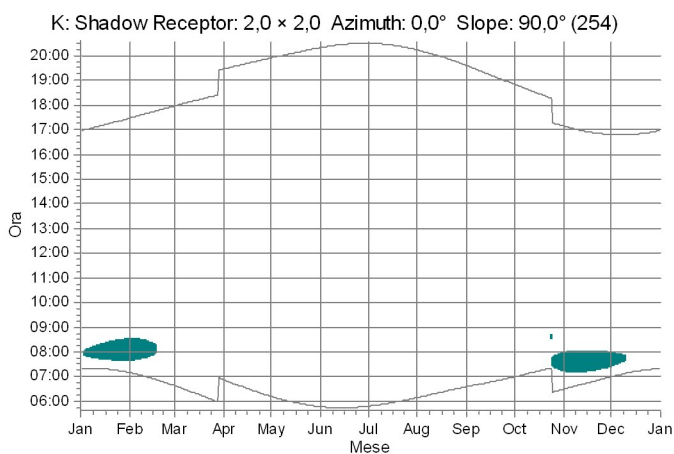
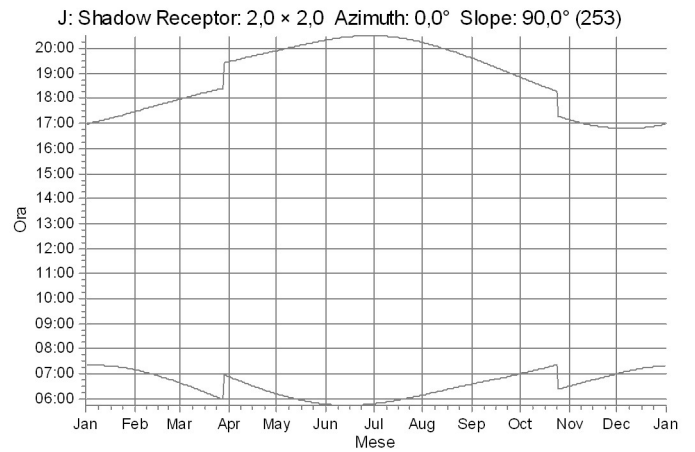
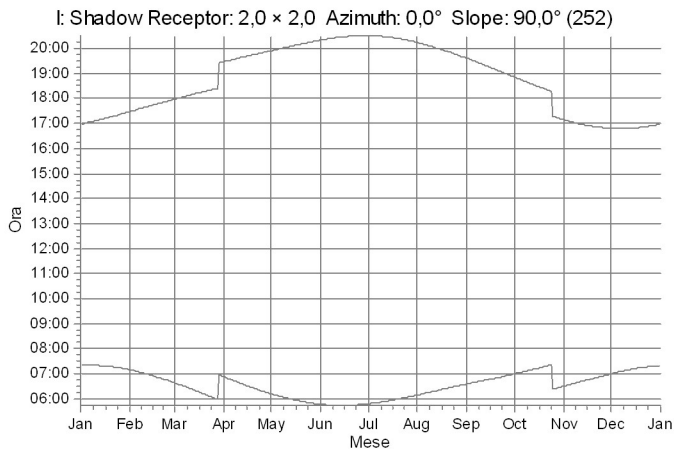
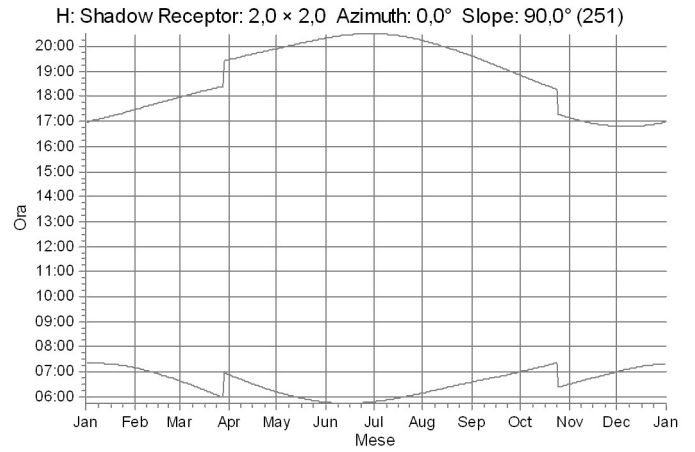
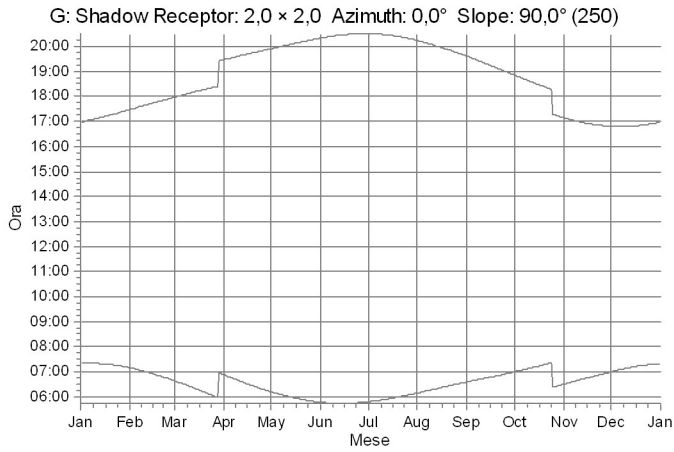
WTG

- 1: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (1)
- 2: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (2)

- 3: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (3)

SHADOW - Calendario, grafico

Calcolo: Analisi Ombreggiamento



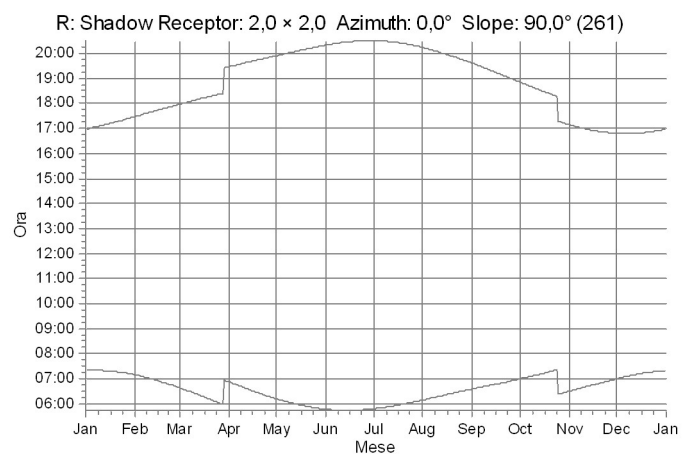
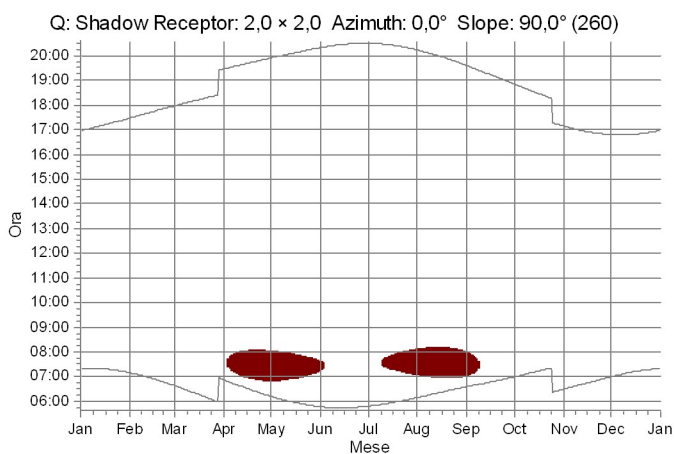
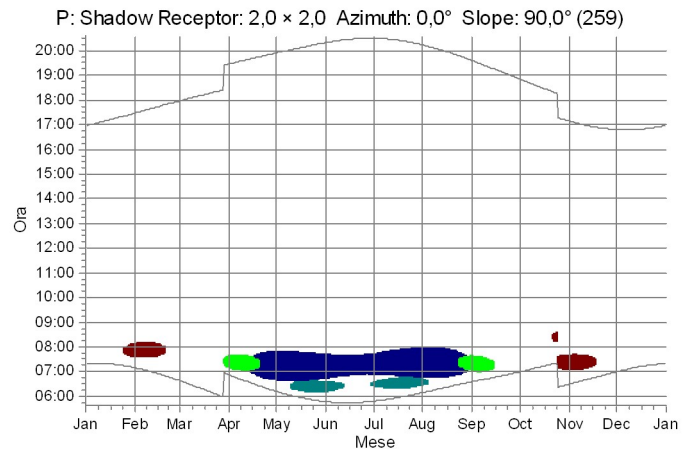
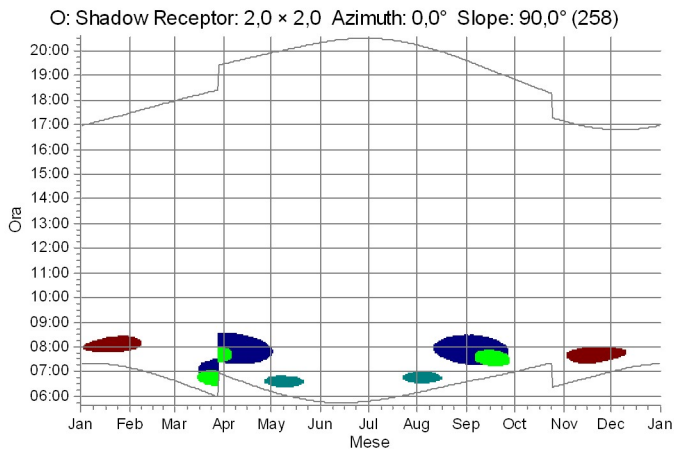
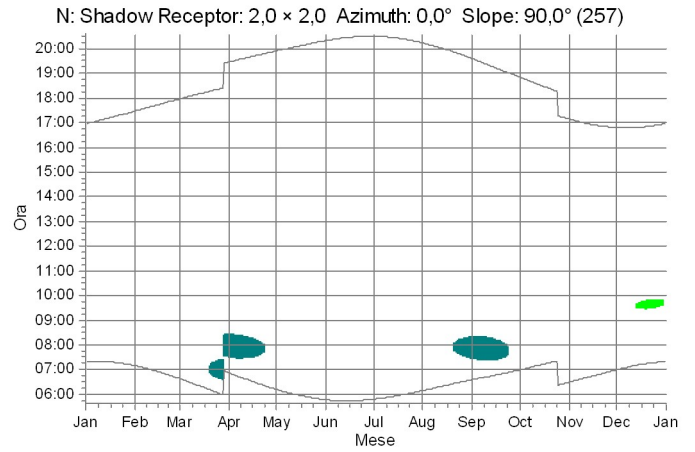
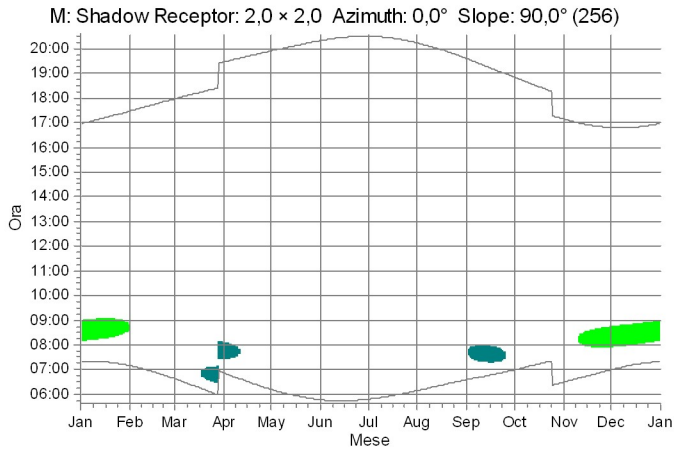
WTG

6: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (6)
7: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (7)

9: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (9)

SHADOW - Calendario, grafico

Calcolo: Analisi Ombreggiamento



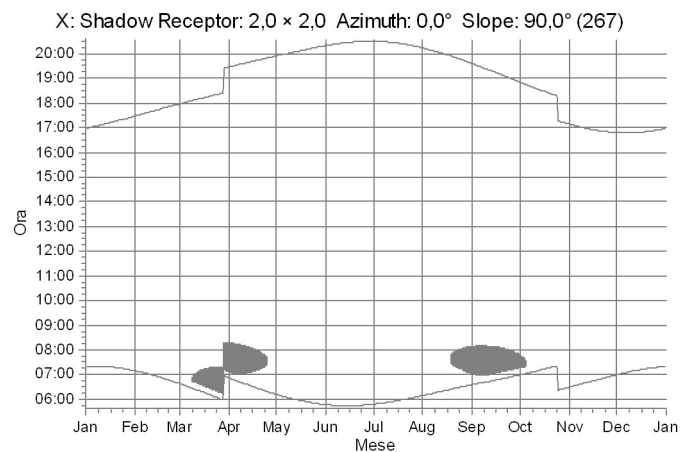
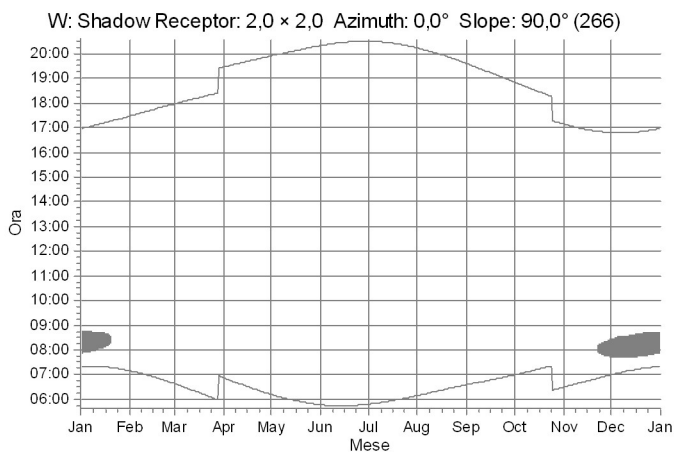
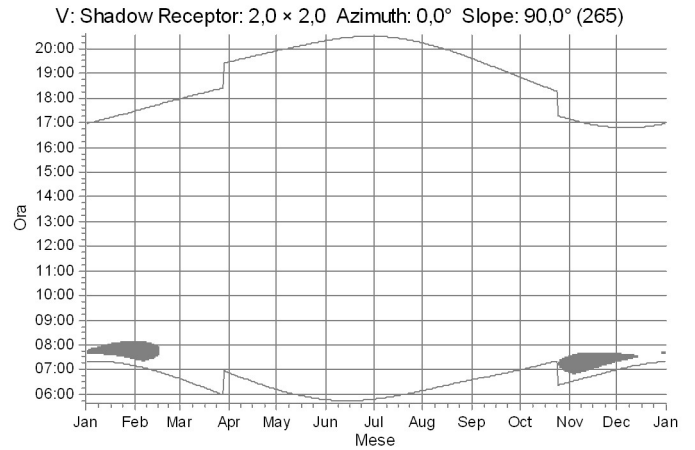
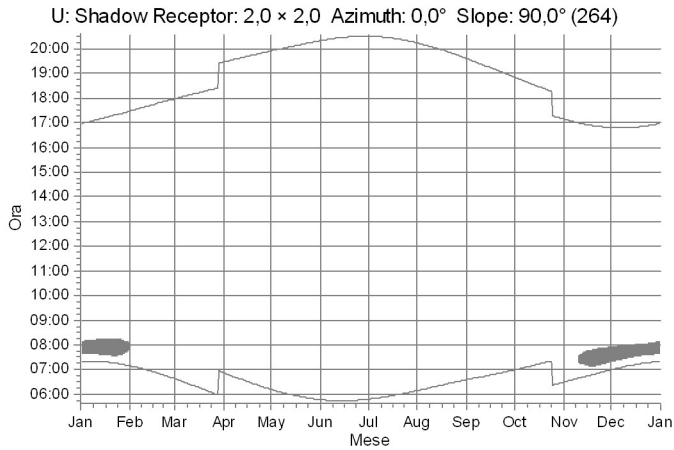
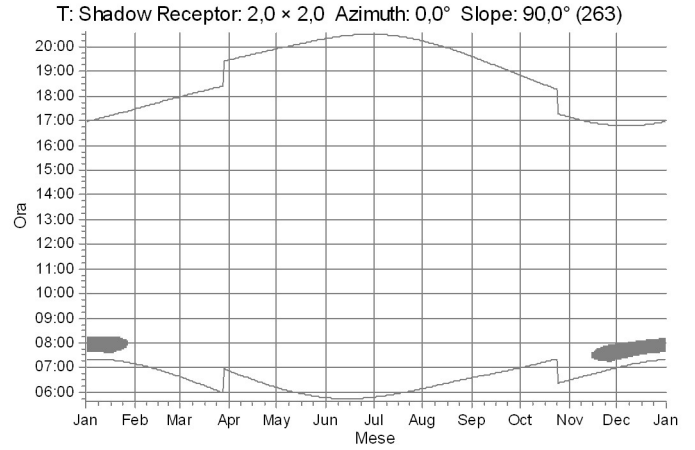
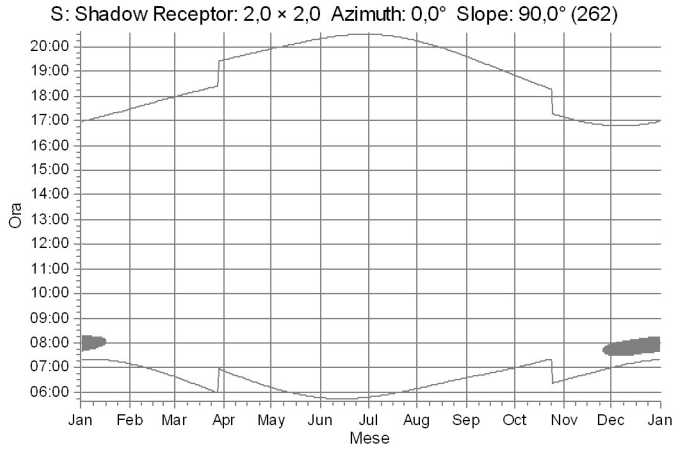
WTG

6: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (6)
7: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (7)

8: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (8)
9: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (9)

SHADOW - Calendario, grafico

Calcolo: Analisi Ombreggiamento

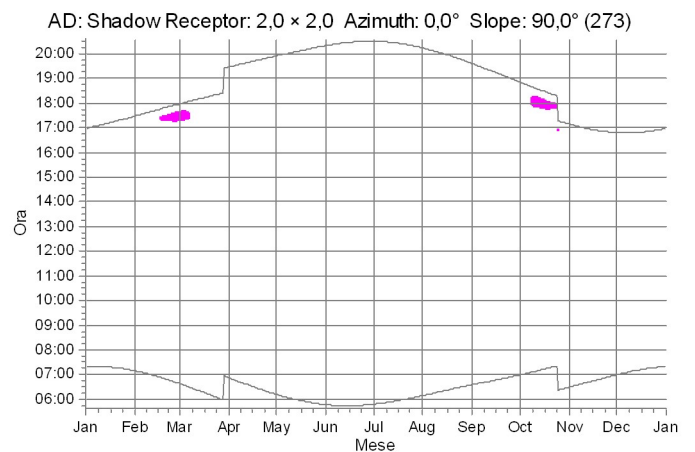
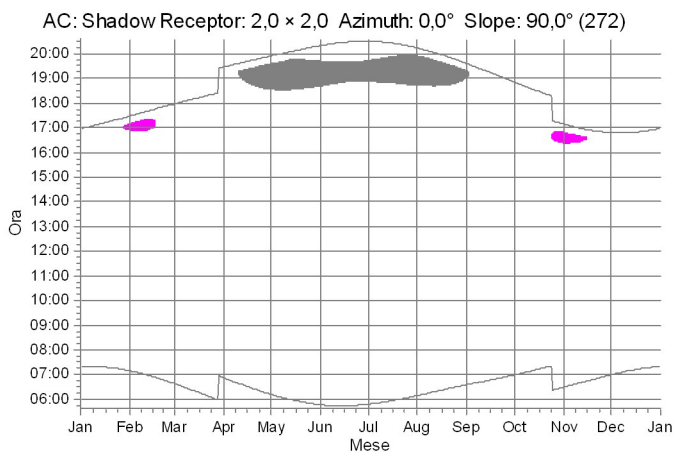
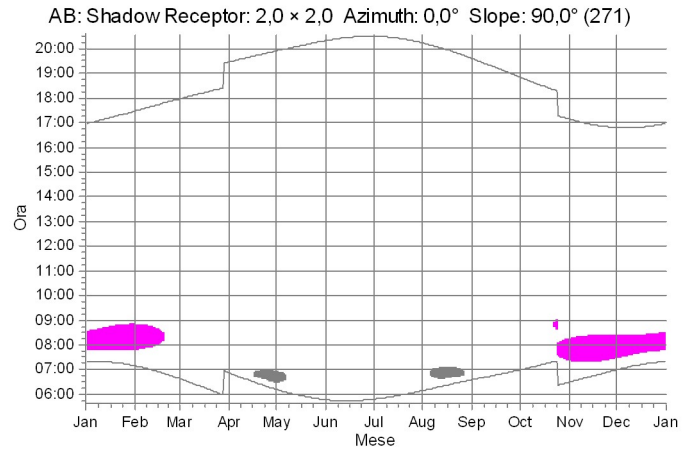
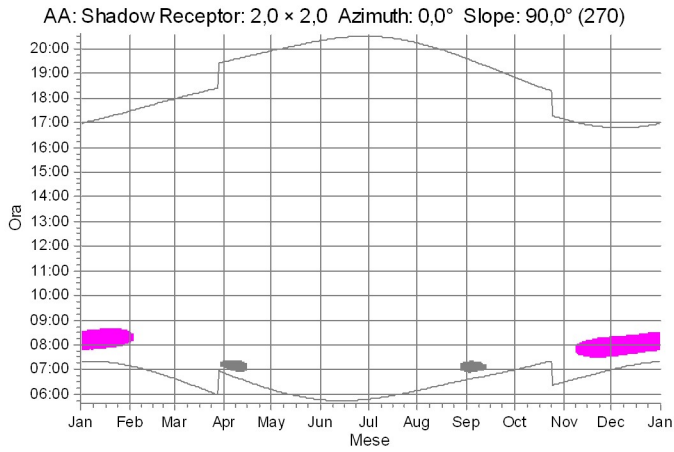
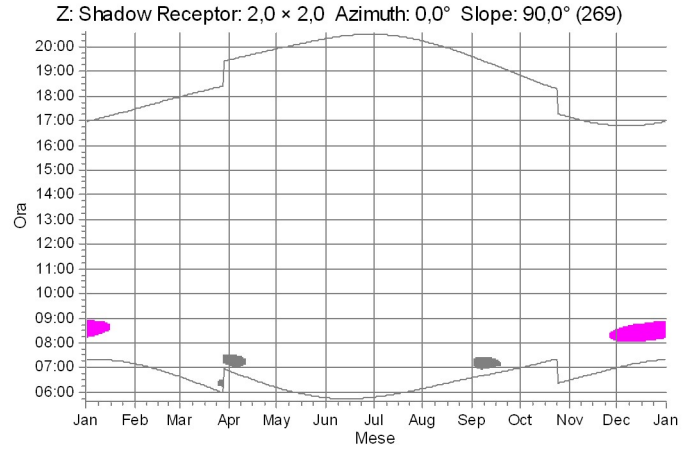
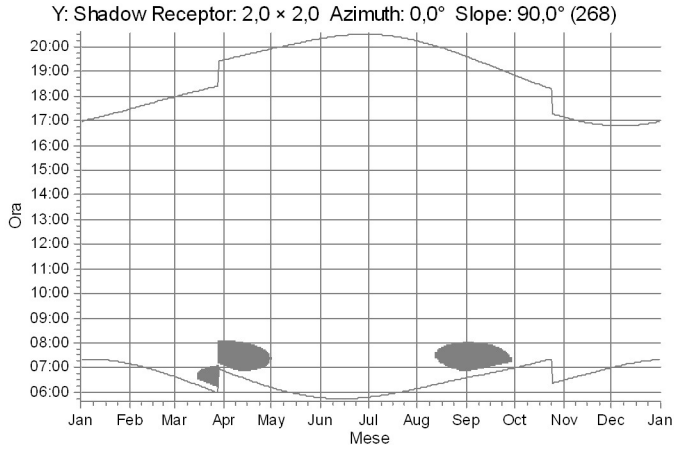


WTG

4: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (4)

SHADOW - Calendario, grafico

Calcolo: Analisi Ombreggiamento



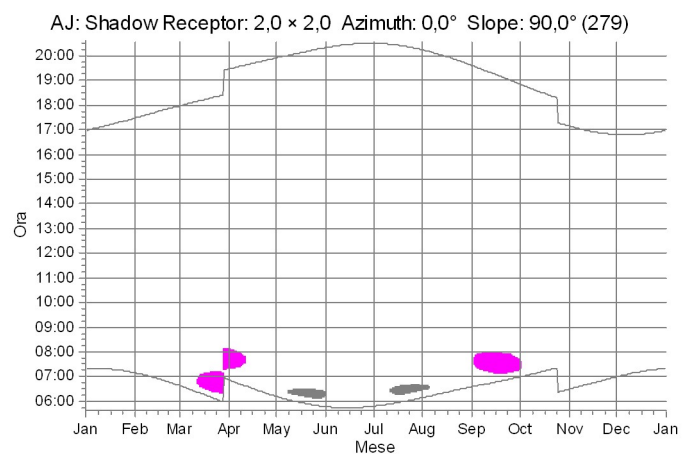
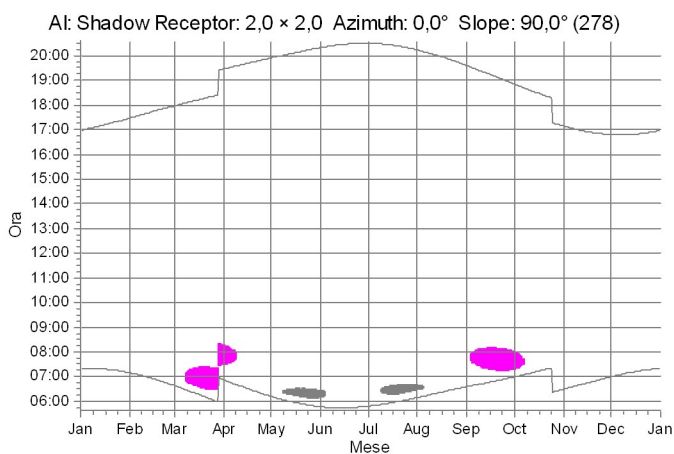
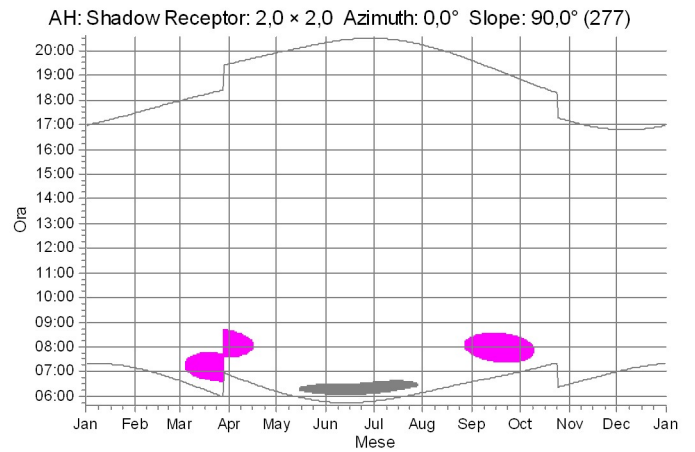
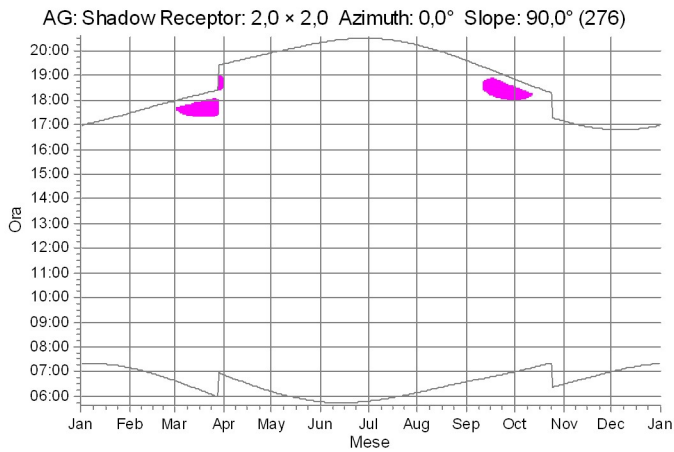
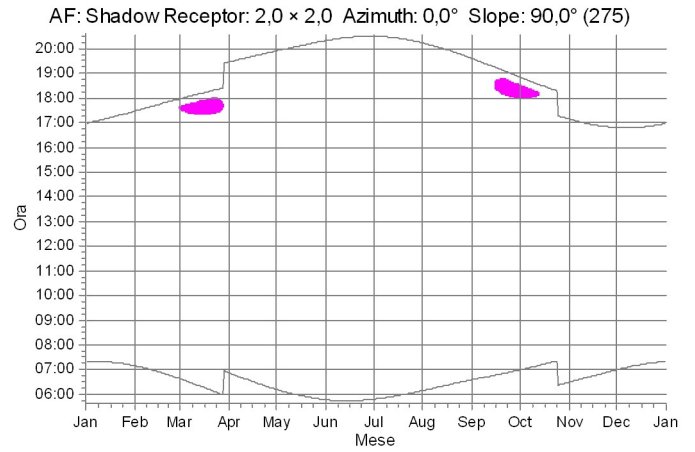
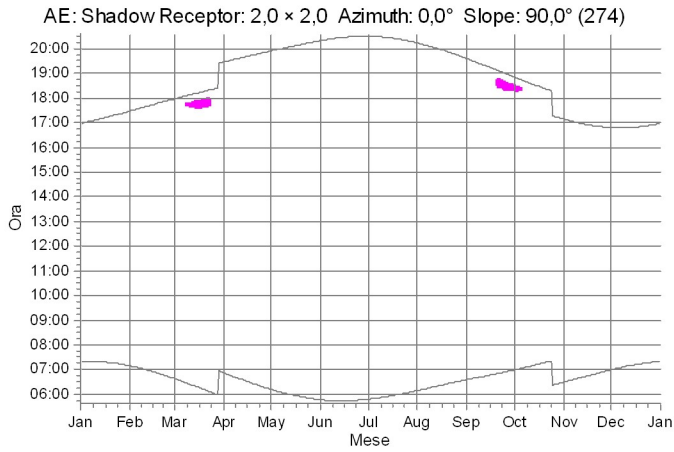
WTG

4: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (4)

5: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (5)

SHADOW - Calendario, grafico

Calcolo: Analisi Ombreggiamento



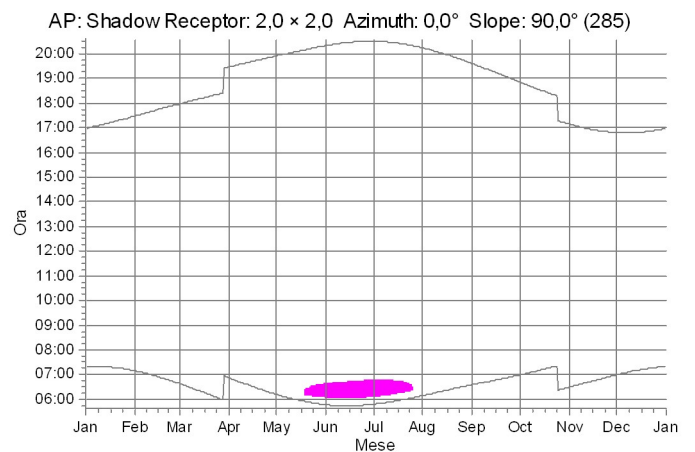
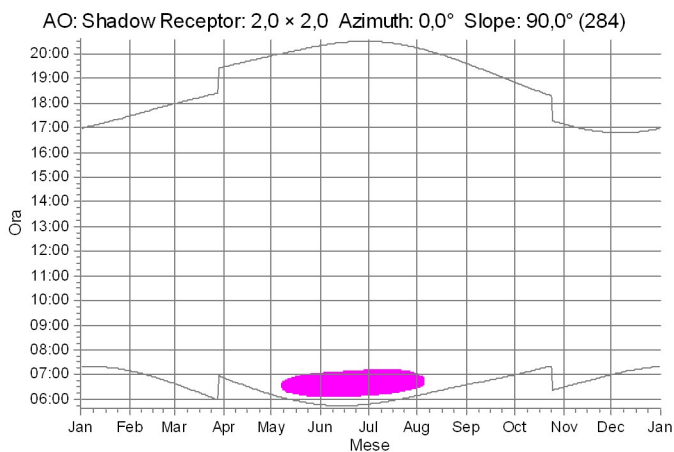
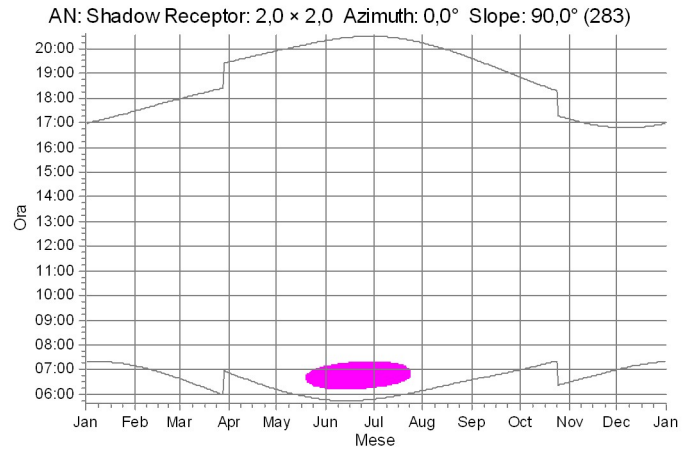
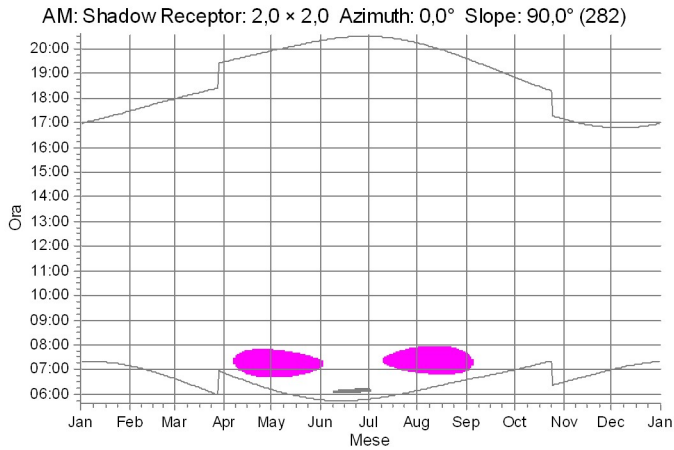
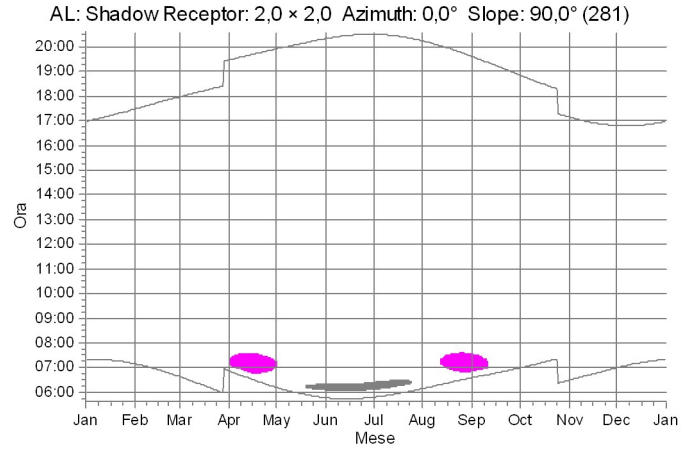
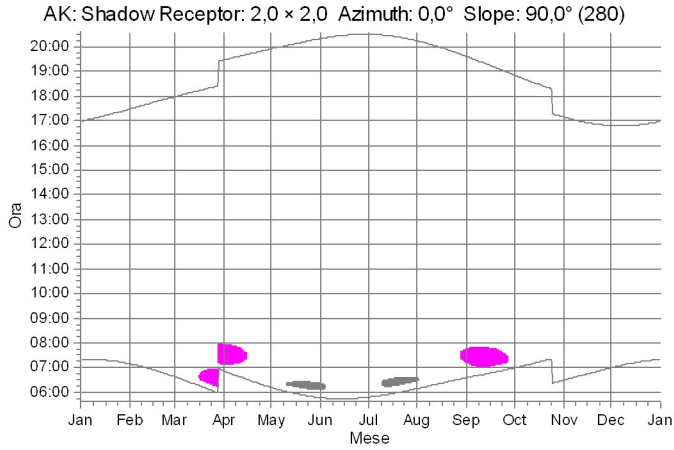
WTG

4: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (4)

5: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (5)

SHADOW - Calendario, grafico

Calcolo: Analisi Ombreggiamento



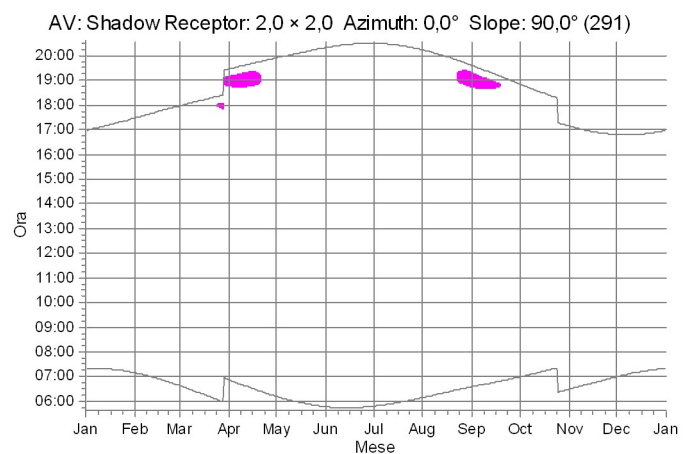
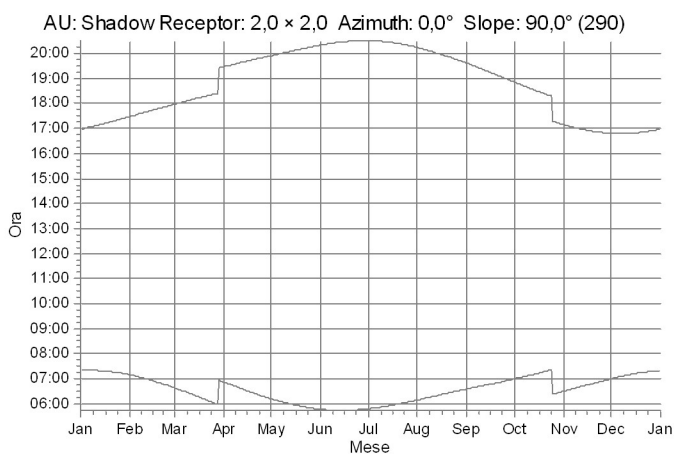
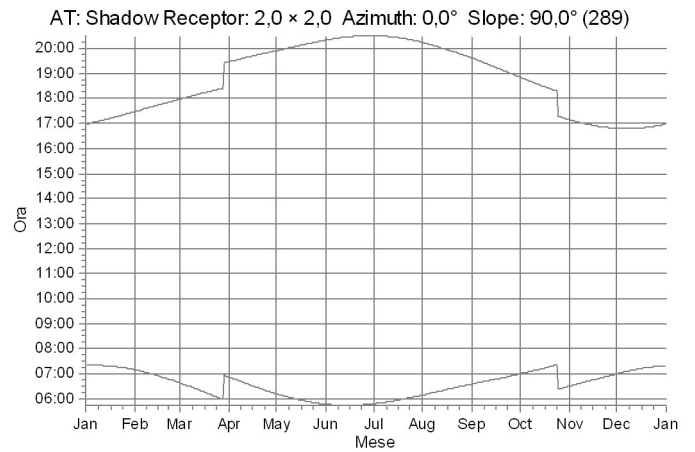
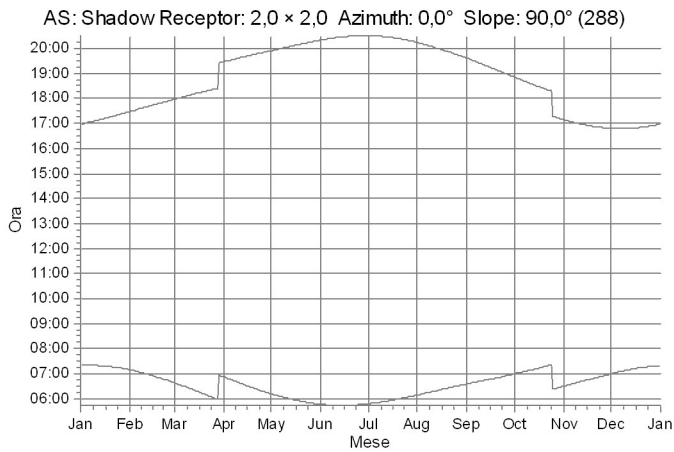
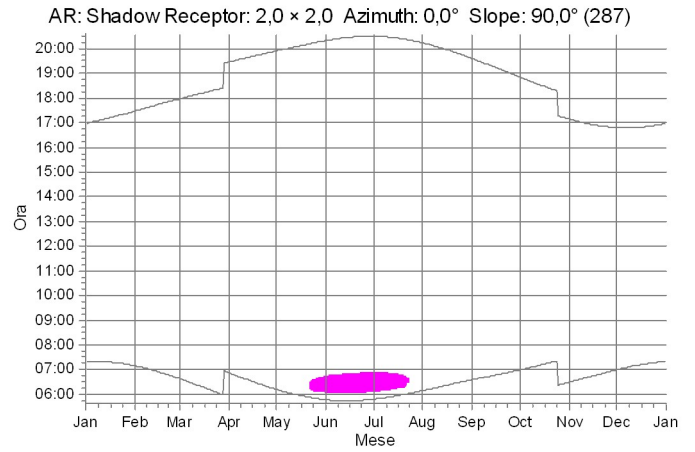
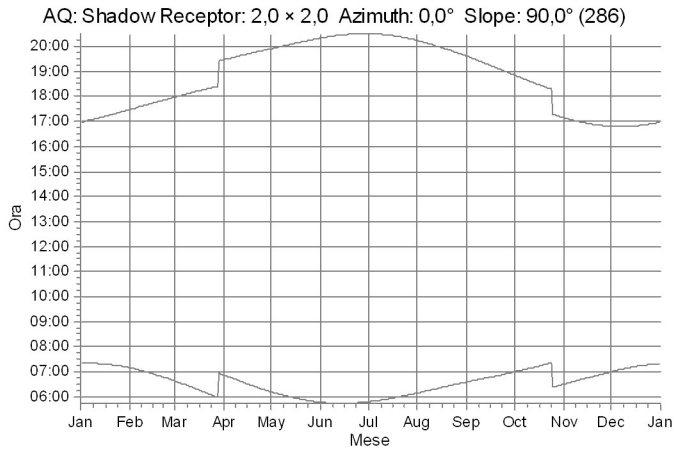
WTG

4: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (4)

5: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (5)

SHADOW - Calendario, grafico

Calcolo: Analisi Ombreggiamento

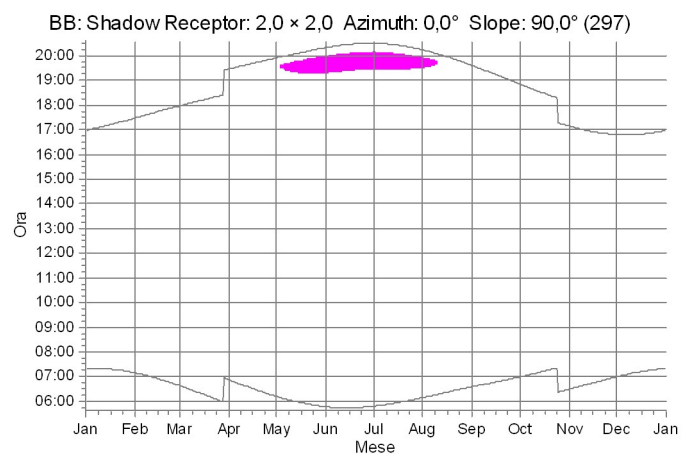
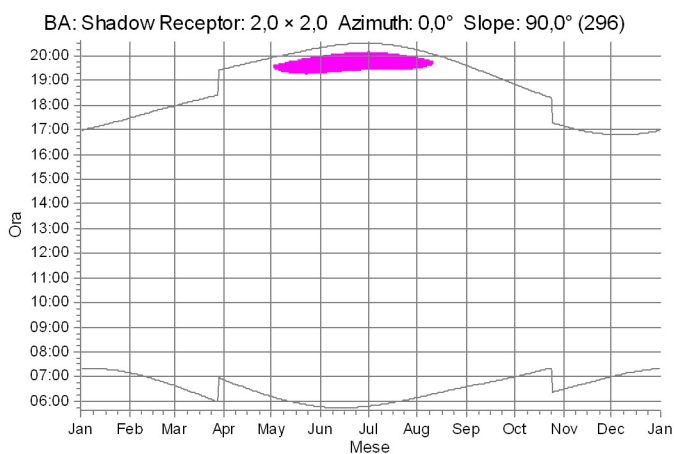
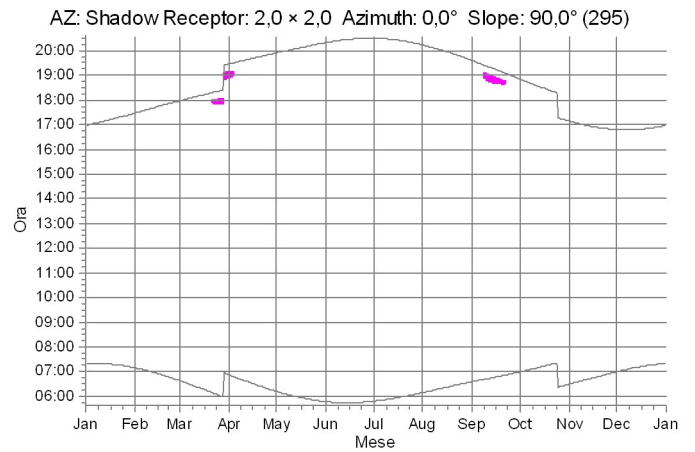
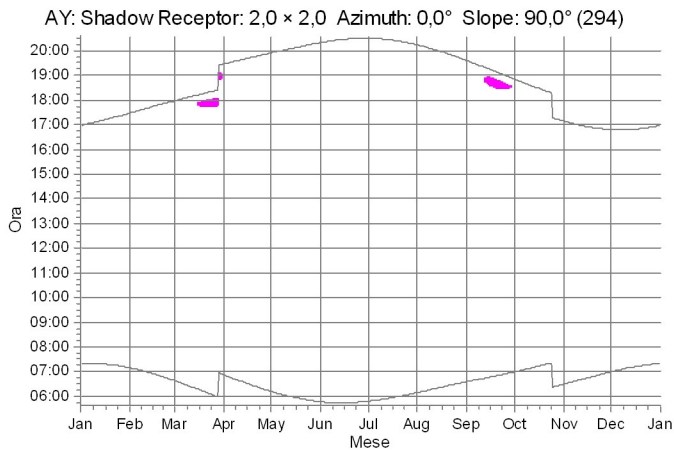
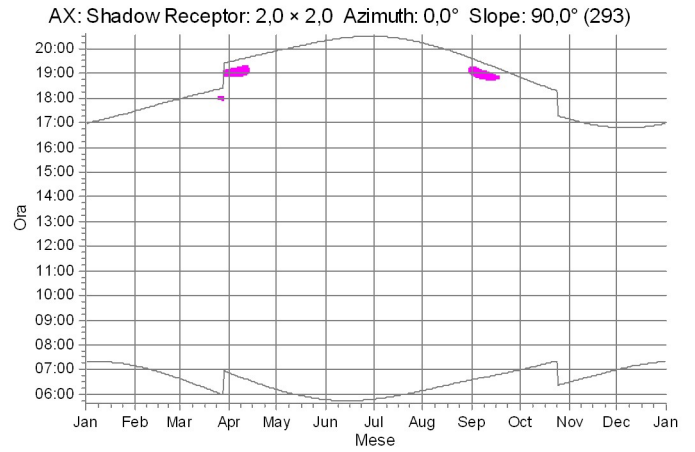
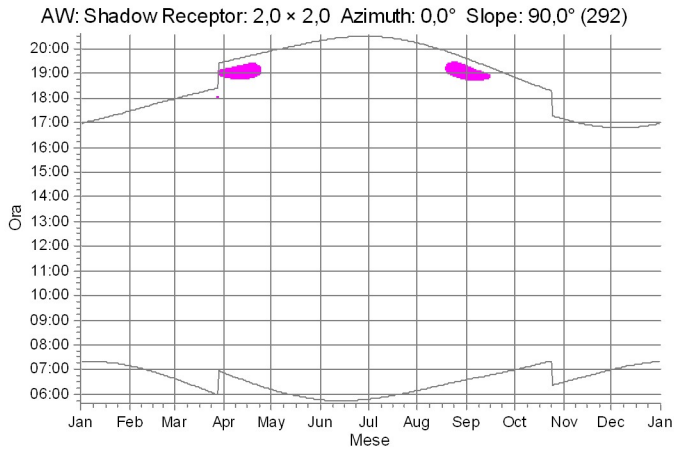


WTG

5: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (5)

SHADOW - Calendario, grafico

Calcolo: Analisi Ombreggiamento

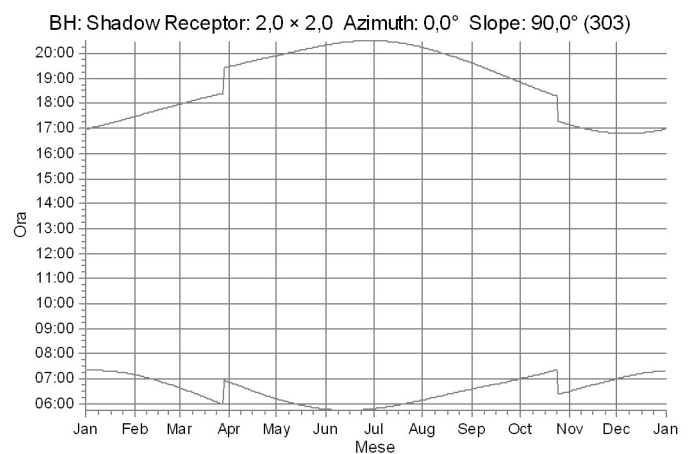
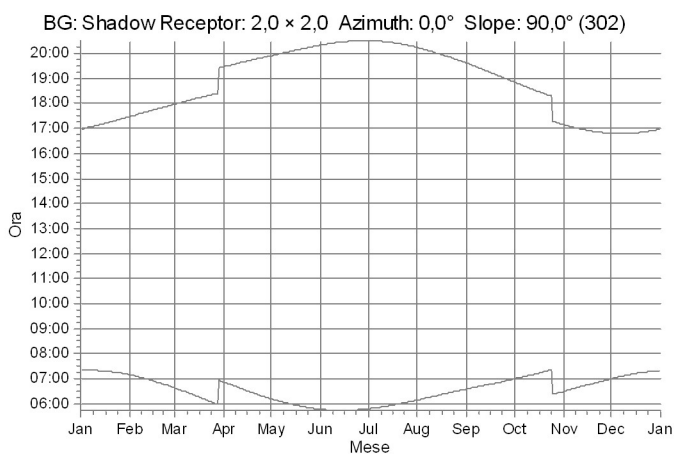
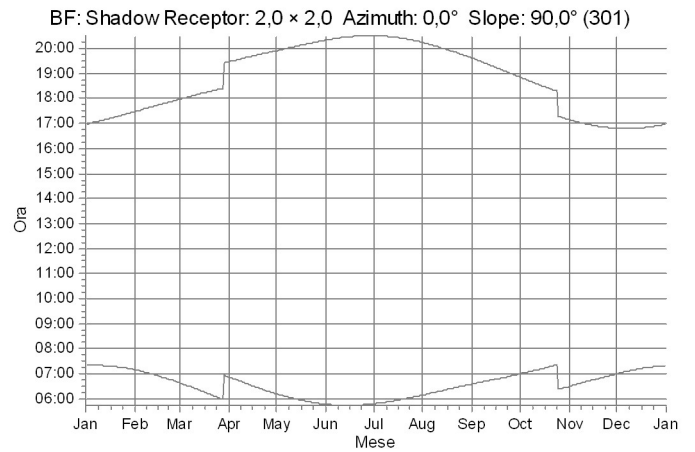
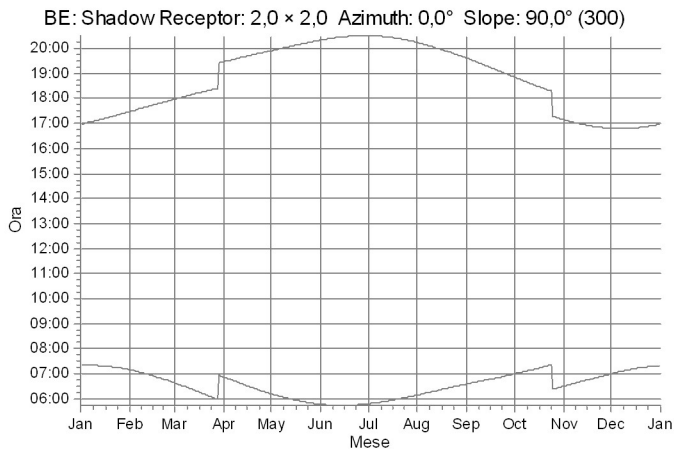
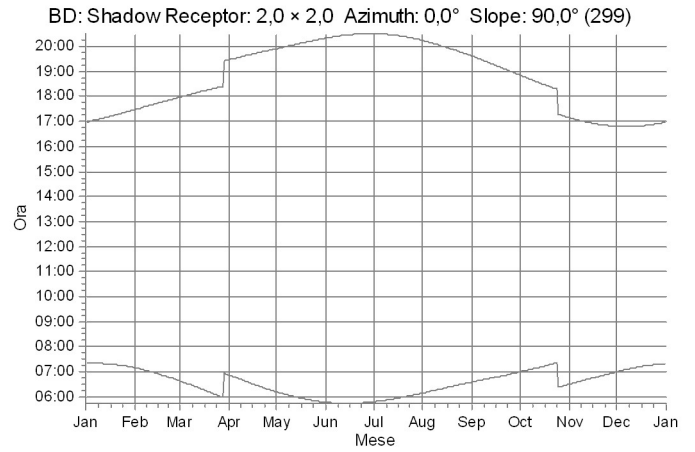
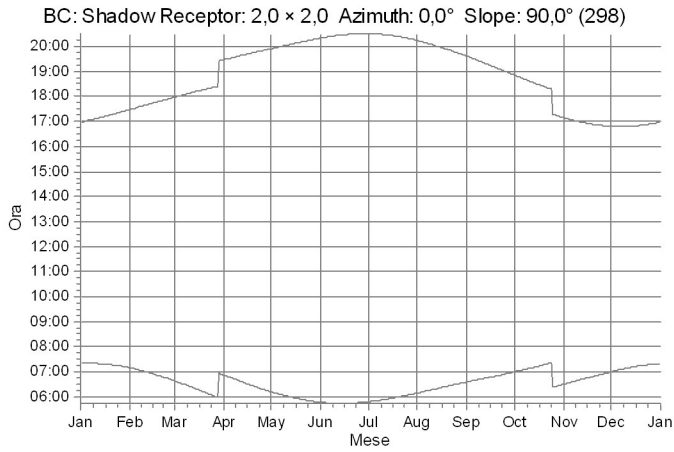


WTG

5: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (5)

SHADOW - Calendario, grafico

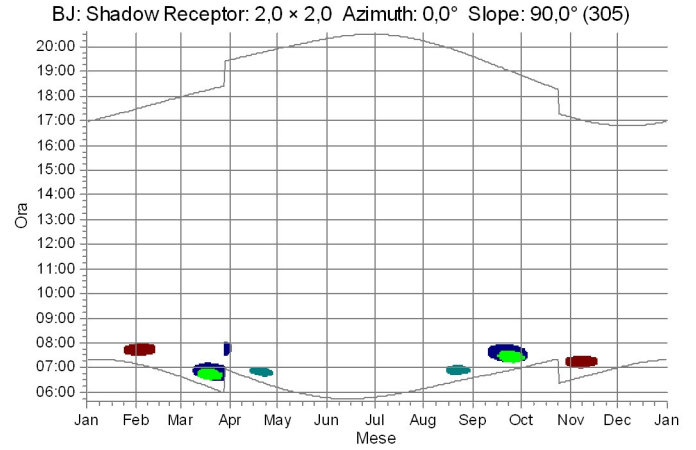
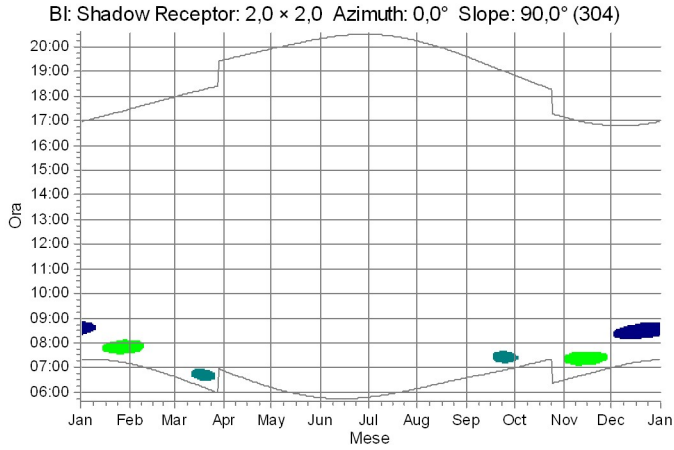
Calcolo: Analisi Ombreggiamento



WTG

SHADOW - Calendario, grafico

Calcolo: Analisi Ombreggiamento



WTG

6: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (6)
7: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (7)

8: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (8)
9: VESTAS V162-7.2 7200 162.0 IO! hub: 119,0 m (TOT: 200,0 m) (9)

SHADOW - Calendario per WTG

Calcolo: Analisi OmbreggiamentoWTG: 1 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	07:19 16:57	07:09 07:28-07:43/15 17:28	06:38 17:58	06:52 19:27	06:11 19:54	05:46 20:19	05:47 20:30	06:08 20:14	06:34 19:35	07:00 18:50	06:29 06:49-07:15/26 17:08	07:00 16:48
2	07:20 16:58	07:08 07:27-07:44/17 17:29	06:36 17:59	06:51 19:28	06:10 19:55	05:46 20:20	05:48 20:30	06:09 20:13	06:35 19:34	07:00 18:48	06:30 06:50-07:15/25 17:07	07:01 16:47
3	07:20 16:59	07:07 07:26-07:44/18 17:31	06:35 18:00	06:49 19:29	06:09 19:56	05:45 20:21	05:48 20:30	06:10 20:12	06:36 19:32	07:01 18:47	06:31 06:51-07:15/24 17:06	07:02 16:47
4	07:20 17:00	07:07 07:25-07:44/19 17:32	06:33 18:01	06:48 19:30	06:08 19:57	05:45 20:21	05:49 20:29	06:11 20:11	06:37 19:31	07:02 18:45	06:32 06:52-07:15/23 17:05	07:02 16:47
5	07:20 17:01	07:06 07:24-07:45/21 17:33	06:32 18:02	06:46 19:30	06:07 19:57	05:45 20:22	05:49 20:29	06:12 20:10	06:38 19:29	07:03 18:44	06:33 06:53-07:15/22 17:04	07:03 16:47
6	07:20 17:01	07:05 07:23-07:45/22 17:34	06:31 18:03	06:45 19:31	06:06 19:58	05:45 20:23	05:50 20:29	06:13 20:09	06:39 19:28	07:04 18:42	06:34 06:54-07:15/21 17:03	07:04 16:47
7	07:20 17:02	07:04 07:22-07:45/23 17:35	06:29 18:04	06:43 19:32	06:04 19:59	05:44 20:23	05:50 20:29	06:13 20:08	06:39 19:26	07:05 18:41	06:35 06:56-07:15/19 17:02	07:05 16:47
8	07:20 17:03	07:03 07:21-07:45/24 17:36	06:28 18:05	06:42 19:33	06:03 20:00	05:44 20:24	05:51 20:29	06:14 20:07	06:40 19:25	07:06 18:39	06:36 06:57-07:15/18 17:01	07:06 16:47
9	07:20 17:04	07:02 07:20-07:45/25 17:37	06:26 18:06	06:40 19:34	06:02 20:01	05:44 20:24	05:52 20:28	06:15 20:05	06:41 19:23	07:07 18:38	06:37 06:58-07:15/17 17:00	07:07 16:47
10	07:20 17:05	07:01 07:19-07:45/26 17:38	06:25 18:07	06:39 19:35	06:01 20:02	05:44 20:25	05:52 20:28	06:16 20:04	06:42 19:22	07:07 18:36	06:38 06:59-07:14/15 16:59	07:08 16:47
11	07:20 17:06	07:00 07:18-07:45/27 17:39	06:23 18:08	06:37 19:36	06:00 20:03	05:44 20:25	05:53 20:28	06:17 20:03	06:43 19:20	07:08 18:35	06:39 07:00-07:14/14 16:58	07:08 16:47
12	07:19 17:07	06:59 07:17-07:45/28 17:40	06:22 18:09	06:36 19:37	06:00 20:04	05:44 20:26	05:53 20:27	06:18 20:02	06:44 19:19	07:09 18:33	06:40 07:01-07:13/12 16:57	07:09 16:47
13	07:19 17:08	06:58 07:16-07:44/28 17:41	06:21 18:10	06:35 19:38	05:59 20:05	05:44 20:26	05:54 20:27	06:19 20:01	06:44 19:17	07:10 18:32	06:41 07:02-07:13/11 16:57	07:10 16:47
14	07:19 17:09	06:56 07:15-07:44/29 17:43	06:19 18:10	06:33 19:38	05:58 20:05	05:44 20:27	05:55 20:26	06:19 20:00	06:45 19:16	07:11 18:31	06:42 07:03-07:12/9 16:56	07:11 16:48
15	07:19 17:10	06:55 07:14-07:43/29 17:44	06:18 18:11	06:32 19:39	05:57 20:06	05:44 20:27	05:55 20:26	06:20 19:58	06:46 19:14	07:12 18:29	06:43 07:05-07:12/7 16:55	07:11 16:48
16	07:18 17:11	06:54 07:13-07:43/30 17:45	06:16 18:12	06:30 19:40	05:56 20:07	05:44 20:27	05:56 20:25	06:21 19:57	06:47 19:13	07:13 18:28	06:44 07:06-07:11/5 16:54	07:12 16:48
17	07:18 17:12	06:53 07:11-07:41/30 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:45 07:07-07:10/3 16:54	07:13 16:49
18	07:18 17:13	06:52 07:10-07:40/30 17:47	06:13 18:14	06:28 19:42	05:54 20:09	05:44 20:28	05:57 20:24	06:23 19:55	06:49 19:10	07:15 18:25	06:47 07:08-07:09/1 16:53	07:13 16:49
19	07:17 17:14	06:51 07:09-07:39/30 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:28	05:58 20:24	06:24 19:53	06:49 19:08	07:16 07:47-08:00/13 18:24	06:48 16:52	07:14 16:49
20	07:17 17:15	06:49 07:09-07:37/28 17:49	06:10 18:16	06:25 19:44	05:53 20:10	05:44 20:29	05:59 20:23	06:24 19:52	06:50 19:07	07:17 07:43-08:04/21 18:23	06:49 16:52	07:15 16:50
21	07:16 17:16	06:48 07:11-07:34/23 17:50	06:09 18:17	06:24 19:45	05:52 20:11	05:44 20:29	06:00 20:23	06:25 19:51	06:51 19:05	07:18 07:40-08:06/26 18:21	06:50 16:51	07:15 16:50
22	07:16 17:17	06:47 07:13-07:32/19 17:51	06:07 18:18	06:22 19:46	05:51 20:12	05:44 20:29	06:00 20:22	06:26 19:49	06:52 19:03	07:19 07:38-08:07/29 18:20	06:51 16:51	07:16 16:51
23	07:15 17:18	06:46 07:18-07:28/10 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:29	06:01 20:21	06:27 19:48	06:53 19:02	07:20 07:39-08:09/30 18:19	06:52 16:50	07:16 16:51
24	07:15 17:20	07:34-07:35/1 17:53	06:44 18:20	06:04 19:47	06:20 20:14	05:45 20:29	06:02 20:20	06:28 19:47	06:54 19:00	07:21 07:40-08:10/30 18:17	06:53 16:50	07:17 16:52
25	07:14 17:21	07:33-07:36/3 17:54	06:43 18:21	06:03 19:48	06:18 20:14	05:45 20:30	06:03 20:20	06:29 19:45	06:54 18:59	06:22 06:41-07:11/30 17:16	06:54 16:49	07:17 16:52
26	07:13 17:22	07:33-07:38/5 17:55	06:42 18:21	06:01 19:49	06:17 20:15	05:49 20:30	06:04 20:19	06:29 19:44	06:55 18:57	06:23 06:42-07:12/30 17:15	06:55 16:49	07:17 16:53
27	07:13 17:23	07:32-07:39/7 17:56	06:40 18:22	06:00 19:50	06:16 20:16	05:48 20:30	06:04 20:18	06:30 19:42	06:56 18:56	06:24 06:44-07:13/29 17:14	06:56 16:49	07:18 16:54
28	07:12 17:24	07:31-07:40/9 17:57	06:39 18:23	06:58 19:51	06:15 20:17	05:48 20:30	06:05 20:17	06:31 19:41	06:57 18:54	06:25 06:45-07:14/29 17:13	06:57 16:48	07:18 16:54
29	07:11 17:25	07:30-07:41/11 17:58	06:57 19:24	06:13 19:52	05:47 20:17	05:47 20:30	06:06 20:16	06:32 19:40	06:58 18:53	06:26 06:46-07:14/28 17:11	06:58 16:48	07:18 16:55
30	07:11 17:26	07:30-07:42/12 17:59	06:55 19:25	06:12 19:53	05:47 20:18	05:47 20:30	06:07 20:16	06:33 19:38	06:59 18:51	06:27 06:47-07:15/28 17:10	06:59 16:48	07:19 16:56
31	07:10 17:27	07:29-07:43/14 17:59	06:54 19:26	06:11 19:54	05:47 20:19	05:47 20:30	06:08 20:15	06:34 19:37	06:59 17:09	06:28 06:48-07:15/27 17:09	06:59 16:56	07:19 16:56
Ore potenziali eliofanía	307	302	370	394	439	441	448	421	373	349	306	299
Somma minuti d'ombra	62	551	0	0	0	0	0	0	0	350	272	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: Analisi OmbreggiamentoWTG: 2 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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
1	07:19 16:57	07:09 17:28	06:38 17:58	06:52 07:10-07:58/48 19:27	06:11 19:54	05:46 06:06-06:15/9 20:19
2	07:20 16:58	07:08 17:29	06:36 17:59	06:51 07:08-07:58/50 19:28	06:10 19:55	05:46 06:06-06:14/8 20:20
3	07:20 16:59	07:07 17:31	06:35 18:00	06:49 07:07-07:58/51 19:29	06:09 19:56	05:45 06:06-06:13/7 20:21
4	07:20 17:00	07:07 17:32	06:33 18:01	06:48 07:05-07:58/53 19:29	06:08 19:57	05:45 06:08-06:10/2 20:21
5	07:20 17:01	07:06 17:33	06:32 18:02	06:46 07:04-07:58/54 19:30	06:07 19:57	05:45 20:22
6	07:20 17:01	07:05 17:34	06:31 18:03	06:45 07:02-07:57/55 19:31	06:06 19:58	05:45 20:23
7	07:20 17:02	07:04 17:35	06:29 18:04	06:43 07:01-07:57/56 19:32	06:04 19:59	05:44 20:23
8	07:20 17:03	07:03 17:36	06:28 18:05	06:42 06:59-07:57/58 19:33	06:03 20:00	05:44 20:24
9	07:20 17:04	07:02 17:37	06:26 18:06	06:40 06:58-07:57/59 19:34	06:02 20:01	05:44 20:24
10	07:20 17:05	07:01 17:38	06:25 18:07	06:39 06:56-07:55/59 19:35	06:01 20:02	05:44 20:25
11	07:20 17:06	07:00 17:39	06:23 18:08	06:37 06:55-07:55/60 19:36	06:00 06:19-06:21/2 20:03	05:44 20:25
12	07:19 17:07	06:59 17:40	06:22 06:40-06:43/3 18:09	06:36 06:55-07:55/60 19:37	06:00 06:18-06:21/3 20:04	05:44 20:26
13	07:19 17:08	06:58 17:41	06:21 06:38-06:47/9 18:10	06:35 06:55-07:54/59 19:38	05:59 06:18-06:22/4 20:05	05:44 20:26
14	07:19 17:09	06:56 17:42	06:19 06:37-06:50/13 18:10	06:33 06:55-07:53/58 19:38	05:58 06:17-06:22/5 20:05	05:44 20:27
15	07:19 17:10	06:55 17:44	06:18 06:35-06:52/17 18:11	06:32 06:55-07:52/57 19:39	05:57 06:16-06:22/6 20:06	05:44 20:27
16	07:18 17:11	06:54 17:45	06:16 06:34-06:54/20 18:12	06:30 06:56-07:51/55 19:40	05:56 06:15-06:22/7 20:07	05:44 20:27
17	07:18 17:12	06:53 17:46	06:15 06:32-06:55/23 18:13	06:29 06:56-07:51/55 19:41	05:55 06:14-06:21/7 20:08	05:44 20:28
18	07:18 17:13	06:52 17:47	06:13 06:31-06:57/26 18:14	06:28 06:56-07:49/53 19:42	05:54 06:14-06:22/8 20:09	05:44 20:28
19	07:17 17:14	06:51 17:48	06:12 06:29-06:57/28 18:15	06:26 06:57-07:48/51 19:43	05:54 06:13-06:22/9 20:10	05:44 20:28
20	07:17 17:15	06:49 17:49	06:10 06:28-06:58/30 18:16	06:25 06:58-07:47/49 19:44	05:53 06:12-06:21/9 20:10	05:44 20:29
21	07:16 17:16	06:48 17:50	06:09 06:26-06:58/32 18:17	06:24 06:58-07:45/47 19:45	05:52 06:12-06:22/10 20:11	05:44 20:29
22	07:16 17:17	06:47 17:51	06:07 06:25-06:59/34 18:18	06:22 07:00-07:44/44 19:46	05:51 06:11-06:21/10 20:12	05:44 20:29
23	07:15 17:18	06:46 17:52	06:06 06:23-06:59/36 18:19	06:21 07:01-07:43/42 19:47	05:51 06:10-06:20/10 20:13	05:45 20:29
24	07:15 17:20	06:44 17:53	06:04 06:22-07:00/38 18:20	06:20 07:03-07:41/38 19:47	05:50 06:10-06:20/10 20:14	05:45 20:29
25	07:14 17:21	06:43 17:54	06:03 06:20-06:59/39 18:21	06:18 07:04-07:39/35 19:48	05:50 06:09-06:20/11 20:14	05:45 20:30
26	07:13 17:22	06:42 17:55	06:01 06:19-07:00/41 18:21	06:17 07:05-07:37/32 19:49	05:49 06:09-06:20/11 20:15	05:45 20:30
27	07:13 17:23	06:40 17:56	06:00 06:17-06:59/42 18:22	06:16 07:08-07:34/26 19:50	05:48 06:08-06:19/11 20:16	05:46 20:30
28	07:12 17:24	06:39 17:57	05:58 06:16-07:00/44 18:23	06:15 07:11-07:31/20 19:51	05:48 06:08-06:19/11 20:17	05:46 20:30
29	07:11 17:25		06:57 07:14-07:59/45 19:24	06:13 07:15-07:27/12 19:52	05:47 06:07-06:17/10 20:17	05:46 20:30
30	07:11 17:26		06:55 07:13-07:59/46 19:25	06:12 19:53	05:47 06:07-06:17/10 20:18	05:47 20:30
31	07:10 17:27		06:54 07:11-07:58/47 19:26		05:46 06:07-06:17/10 20:19	
Ore potenziali eliofanía	307	302	370	394	439	441
Somma minuti d'ombra	0	0	613	1396	174	26

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: Analisi OmbreggiamentoWTG: 2 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:47 20:30	06:08 20:14	06:34 19:35	06:54-07:54/60 18:50	07:00 17:08	07:18-07:24/6 16:47
2	05:48 20:30	06:09 20:13	06:35 19:34	06:55-07:54/59 18:48	07:00 17:07	06:30 16:47
3	05:48 20:30	06:10 20:12	06:36 19:32	06:56-07:55/59 18:47	07:01 17:06	06:31 16:47
4	05:49 20:29	06:11 20:11	06:37 19:31	06:56-07:54/58 18:45	07:02 17:05	06:32 16:47
5	05:49 20:29	06:12 20:10	06:38 19:29	06:57-07:54/57 18:44	07:03 17:04	06:33 16:47
6	05:50 20:29	06:13 20:09	06:39 19:28	06:58-07:53/55 18:42	07:04 17:03	06:34 16:47
7	05:50 20:29	06:13 20:08	06:39 19:26	06:59-07:53/54 18:41	07:05 17:02	06:35 16:47
8	05:51 20:29	06:14 20:07	06:40 19:25	07:00-07:53/53 18:39	07:06 17:01	06:36 16:47
9	05:51 20:28	06:14-06:20/6 20:05	06:41 19:23	07:00-07:51/51 18:38	07:07 17:00	06:37 16:47
10	05:52 20:28	06:13-06:21/8 20:04	06:42 19:22	07:01-07:51/50 18:36	07:07 16:59	06:38 16:47
11	05:53 20:28	06:14-06:23/9 20:03	06:43 19:20	07:02-07:50/48 18:35	07:08 16:58	06:39 16:47
12	05:53 20:27	06:14-06:24/10 20:02	06:44 19:19	07:03-07:50/47 18:33	07:09 16:57	06:40 16:47
13	05:54 20:27	06:15-06:25/10 20:01	06:44 19:17	07:04-07:50/46 18:32	07:10 16:57	06:41 16:47
14	05:55 20:26	06:16-06:26/10 20:00	06:45 19:16	07:04-07:49/45 18:31	07:11 16:56	06:42 16:48
15	05:55 20:26	06:16-06:26/10 19:58	06:46 19:14	07:05-07:49/44 18:29	07:12 16:55	06:43 16:48
16	05:56 20:25	06:17-06:28/11 19:57	06:47 19:13	07:06-07:49/43 18:28	07:13 16:54	06:44 16:48
17	05:57 20:25	06:18-06:29/11 19:56	06:48 19:11	07:07-07:48/41 18:27	07:14 16:54	06:45 16:49
18	05:57 20:24	06:18-06:29/11 19:55	06:49 19:10	07:08-07:48/40 18:25	07:15 16:53	06:46 16:49
19	05:58 20:24	06:19-06:30/11 19:53	06:49 19:08	07:08-07:46/38 18:24	07:16 16:52	06:48 16:49
20	05:59 20:23	06:20-06:30/10 19:52	06:50 19:06	07:09-07:46/37 18:22	07:17 16:52	06:49 16:50
21	06:00 20:23	06:21-06:31/10 19:51	06:51 19:05	07:10-07:45/35 18:21	07:18 16:51	06:50 16:50
22	06:00 20:22	06:21-06:31/10 19:49	06:52 19:03	07:11-07:44/33 18:20	07:19 16:51	06:51 16:51
23	06:01 20:21	06:22-06:31/9 19:48	06:53 19:02	07:12-07:43/31 18:19	07:20 16:50	06:52 16:51
24	06:02 20:20	06:23-06:32/9 19:47	06:54 19:00	07:12-07:41/29 18:17	07:21 16:50	06:53 16:52
25	06:03 20:20	06:24-06:32/8 19:45	06:54 18:59	07:13-07:40/27 17:16	06:22 16:49	06:54 16:52
26	06:03 20:19	06:24-06:32/8 19:44	06:55 18:57	07:14-07:38/24 17:15	06:23 16:49	06:55 16:53
27	06:04 20:18	06:25-06:32/7 19:42	06:56 18:56	07:15-07:36/21 17:14	06:24 16:49	06:56 16:53
28	06:05 20:17	06:26-06:32/6 19:41	06:57 18:54	07:16-07:34/18 17:13	06:25 16:48	06:57 16:54
29	06:06 20:16	06:27-06:33/6 19:40	06:58 18:53	07:17-07:32/15 17:11	06:26 16:48	06:58 16:55
30	06:07 20:16	06:28-06:33/5 19:38	06:59 18:51	07:18-07:29/11 17:10	06:27 16:48	06:59 16:56
31	06:08 20:15	06:28-06:32/4 19:37	06:54-07:54/60 17:09	06:28 17:09	06:28 17:09	07:19 16:56
Ore potenziali eliofanía	448	421	373	349	306	299
Somma minuti d'ombra	199	806	1229	6	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: Analisi OmbreggiamentoWTG: 3 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	07:19 07:52-09:05/73 16:57	07:09 17:28	06:38 17:58	06:52 07:10-07:21/11 19:27	06:11 19:54	05:46 20:19
2	07:20 07:53-09:05/72 16:58	07:08 17:29	06:36 17:59	06:51 07:08-07:20/12 19:28	06:10 19:55	05:46 20:20
3	07:20 07:54-09:05/71 16:59	07:07 17:31	06:35 18:00	06:49 07:07-07:20/13 19:29	06:09 19:56	05:45 20:21
4	07:20 07:54-09:05/71 17:00	07:07 17:32	06:33 18:01	06:48 07:05-07:19/14 19:29	06:08 19:57	05:45 20:21
5	07:20 07:55-09:05/70 17:01	07:06 17:33	06:32 18:02	06:46 07:04-07:19/15 19:30	06:07 19:57	05:45 20:22
6	07:20 07:56-09:05/69 17:01	07:05 17:34	06:31 18:03	06:45 07:02-07:18/16 19:31	06:06 19:58	05:45 20:23
7	07:20 07:56-09:05/69 17:02	07:04 17:35	06:29 18:04	06:43 07:01-07:17/16 19:32	06:04 19:59	05:44 20:23
8	07:20 07:57-09:04/67 17:03	07:03 17:36	06:28 18:05	06:42 06:59-07:16/17 19:33	06:03 20:00	05:44 20:24
9	07:20 07:58-09:04/66 17:04	07:02 17:37	06:26 18:06	06:40 06:58-07:15/17 19:34	06:02 20:01	05:44 20:24
10	07:20 07:59-09:04/65 17:05	07:01 17:38	06:25 18:07	06:39 06:56-07:13/17 19:35	06:01 20:02	05:44 20:25
11	07:20 08:00-09:03/63 17:06	07:00 17:39	06:23 18:08	06:37 06:55-07:11/16 19:36	06:00 20:03	05:44 20:25
12	07:19 08:00-09:01/61 17:07	06:59 17:40	06:22 18:09	06:36 06:54-07:10/16 19:37	06:00 20:04	05:44 20:26
13	07:19 08:02-09:01/59 17:08	06:58 17:41	06:21 18:10	06:35 06:52-07:06/14 19:38	05:59 20:05	05:44 20:26
14	07:19 08:03-09:00/57 17:09	06:56 17:43	06:19 18:10	06:33 19:38	05:58 20:05	05:44 20:27
15	07:19 08:03-08:57/54 17:10	06:55 17:44	06:18 18:11	06:32 19:39	05:57 20:06	05:44 20:27
16	07:18 08:05-08:55/50 17:11	06:54 17:45	06:16 18:12	06:30 19:40	05:56 20:07	05:44 20:27
17	07:18 08:07-08:52/45 17:12	06:53 17:46	06:15 18:13	06:29 19:41	05:55 20:08	05:44 20:28
18	07:18 08:07-08:48/41 17:13	06:52 17:47	06:13 18:14	06:28 19:42	05:54 20:09	05:44 20:28
19	07:17 08:09-08:47/38 17:14	06:51 17:48	06:12 18:15	06:26 19:43	05:54 20:10	05:44 20:28
20	07:17 08:10-08:46/36 17:15	06:49 17:49	06:10 18:16	06:25 19:44	05:53 20:10	05:44 20:29
21	07:16 08:12-08:45/33 17:16	06:48 17:50	06:09 18:17	06:24 19:45	05:52 20:11	05:44 20:29
22	07:16 08:14-08:44/30 17:17	06:47 17:51	06:07 18:18	06:22 19:46	05:51 20:12	05:44 20:29
23	07:15 08:16-08:42/26 17:18	06:46 17:52	06:06 18:19	06:21 19:47	05:51 20:13	05:45 20:29
24	07:15 08:19-08:40/21 17:20	06:44 17:53	06:04 18:20	06:20 19:47	05:50 20:14	05:45 20:29
25	07:14 08:22-08:36/14 17:21	06:43 17:54	06:03 18:21	06:18 19:48	05:50 20:14	05:45 20:30
26	07:13 17:22	06:42 17:55	06:01 18:21	06:17 19:49	05:49 20:15	05:45 20:30
27	07:13 17:23	06:40 17:56	06:00 18:22	06:16 19:50	05:48 20:16	05:46 20:30
28	07:12 17:24	06:39 17:57	05:58 18:23	06:15 19:51	05:48 20:17	05:46 20:30
29	07:11 17:25	06:57 19:24	06:57 19:24	06:13 19:52	05:47 20:17	05:47 20:30
30	07:11 17:26	06:55 19:25	07:13-07:21/8	06:12 19:53	05:47 20:18	05:47 20:30
31	07:10 17:27	06:54 19:26	07:11-07:20/9		05:47 20:19	
Ore potenziali eliofanía	307	302	370	394	439	441
Somma minuti d'ombra	1321	0	29	194	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: Analisi OmbreggiamentoWTG: 3 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	05:47 20:30	06:08 20:14	06:34 06:54-07:10/16 19:35	07:00 18:50	06:29 17:08	07:00 07:42-08:45/63 16:48
2	05:48 20:30	06:09 20:13	06:35 06:55-07:12/17 19:34	07:00 18:48	06:30 17:07	07:01 07:42-08:47/65 16:47
3	05:48 20:30	06:10 20:12	06:36 06:56-07:13/17 19:32	07:01 18:47	06:31 17:06	07:02 07:42-08:48/66 16:47
4	05:49 20:29	06:11 20:11	06:37 06:56-07:13/17 19:31	07:02 18:45	06:32 17:05	07:02 07:42-08:49/67 16:47
5	05:49 20:29	06:12 20:10	06:38 06:57-07:13/16 19:29	07:03 18:44	06:33 17:04	07:03 07:42-08:50/68 16:47
6	05:50 20:29	06:13 20:09	06:39 06:58-07:14/16 19:28	07:04 18:42	06:34 17:03	07:04 07:42-08:51/69 16:47
7	05:50 20:29	06:13 20:08	06:39 06:59-07:14/15 19:26	07:05 18:41	06:35 17:02	07:05 07:42-08:52/70 16:47
8	05:51 20:29	06:14 20:07	06:40 07:00-07:14/14 19:25	07:06 18:39	06:36 17:01	07:06 07:42-08:53/71 16:47
9	05:51 20:28	06:15 20:05	06:41 07:00-07:13/13 19:23	07:07 18:38	06:37 17:00	07:07 07:43-08:54/71 16:47
10	05:52 20:28	06:16 20:04	06:42 07:01-07:13/12 19:22	07:07 18:36	06:38 16:59	07:08 07:43-08:55/72 16:47
11	05:53 20:28	06:17 20:03	06:43 07:02-07:13/11 19:20	07:08 18:35	06:39 16:58	07:08 07:43-08:55/72 16:47
12	05:53 20:27	06:18 20:02	06:44 07:03-07:13/10 19:19	07:09 18:33	06:40 16:57	07:09 07:43-08:57/74 16:47
13	05:54 20:27	06:18 20:01	06:44 07:04-07:12/8 19:17	07:10 18:32	06:41 16:57	07:10 07:44-08:58/74 16:47
14	05:55 20:26	06:19 20:00	06:45 07:04-07:10/6 19:16	07:11 18:31	06:42 16:56	07:11 07:44-08:59/75 16:48
15	05:55 20:26	06:20 19:58	06:46 07:05-07:10/5 19:14	07:12 18:29	06:43 16:55	07:11 07:44-08:59/75 16:48
16	05:56 20:25	06:21 19:57	06:47 07:06-07:08/2 19:13	07:13 18:28	06:44 16:54	07:12 07:45-09:00/75 16:48
17	05:57 20:25	06:22 19:56	06:48 19:11	07:14 18:27	06:45 07:56-08:10/14 16:54	07:13 07:45-09:01/76 16:49
18	05:57 20:24	06:23 19:55	06:49 19:10	07:15 18:25	06:46 07:53-08:14/21 16:53	07:13 07:45-09:01/76 16:49
19	05:58 20:24	06:24 19:53	06:49 19:08	07:16 18:24	06:48 07:50-08:16/26 16:52	07:14 07:46-09:02/76 16:49
20	05:59 20:23	06:24 19:52	06:50 19:07	07:17 18:23	06:49 07:49-08:19/30 16:52	07:15 07:46-09:02/76 16:50
21	06:00 20:23	06:25 19:51	06:51 19:05	07:18 18:21	06:50 07:47-08:20/33 16:51	07:15 07:47-09:03/76 16:50
22	06:00 20:22	06:26 19:49	06:52 19:03	07:19 18:20	06:51 07:46-08:22/36 16:51	07:16 07:47-09:03/76 16:51
23	06:01 20:21	06:27 19:48	06:53 19:02	07:20 18:19	06:52 07:45-08:23/38 16:50	07:16 07:48-09:04/76 16:51
24	06:02 20:20	06:28 19:47	06:54 19:00	07:21 18:17	06:53 07:44-08:25/41 16:50	07:17 07:48-09:04/76 16:52
25	06:03 20:20	06:29 19:45	06:54 18:59	06:22 17:16	06:54 07:45-08:30/45 16:49	07:17 07:48-09:04/76 16:52
26	06:04 20:19	06:29 19:44	06:55 18:57	06:23 17:15	06:55 07:44-08:34/50 16:49	07:17 07:49-09:05/76 16:53
27	06:04 20:18	06:30 19:42	06:56 18:56	06:24 17:14	06:56 07:44-08:37/53 16:49	07:18 07:49-09:05/76 16:54
28	06:05 20:17	06:31 19:41	06:57 18:54	06:25 17:13	06:57 07:43-08:40/57 16:48	07:18 07:50-09:05/75 16:54
29	06:06 20:16	06:32 06:59-07:02/3 19:40	06:58 18:53	06:26 17:11	06:58 07:43-08:42/59 16:48	07:18 07:51-09:06/75 16:55
30	06:07 20:16	06:33 06:53-07:07/14 19:38	06:59 18:51	06:27 17:10	06:59 07:43-08:43/60 16:48	07:19 07:51-09:06/75 16:56
31	06:08 20:15	06:34 06:53-07:09/16 19:37		06:28 17:09		07:19 07:52-09:06/74 16:56
Ore potenziali eliofania	448	421	373	349	306	299
Somma minuti d'ombra	0	33	195	0	563	2262

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: Analisi OmbreggiamentoWTG: 4 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	07:20 07:40-08:41/61 16:57	07:09 07:28-08:07/39 17:28	06:38 17:58	06:52 07:10-08:15/65 19:27	06:11 18:35-19:32/57 19:54 06:32-06:55/23	05:46 06:06-06:26/20 20:20 18:43-19:39/56
2	07:20 07:41-08:42/61 16:58	07:09 07:27-08:06/39 17:30	06:36 17:59	06:51 07:08-08:14/66 19:28	06:10 18:35-19:33/58 19:55 06:31-06:53/22	05:46 06:06-06:27/21 20:20 18:44-19:39/55
3	07:20 07:41-08:42/61 16:59	07:08 07:26-08:06/40 17:31	06:35 18:00	06:49 07:07-08:14/67 19:29	06:09 18:35-19:34/59 19:56 06:32-06:52/20	05:46 06:06-06:27/21 20:21 18:45-19:39/54
4	07:20 07:41-08:43/62 17:00	07:07 07:26-08:07/41 17:32	06:34 18:01	06:48 07:05-08:13/68 19:30	06:08 18:34-19:35/61 19:57 06:34-06:51/17	05:45 06:05-06:26/21 20:22 18:45-19:38/53
5	07:20 07:41-08:43/62 17:01	07:06 07:25-08:06/41 17:33	06:32 18:02	06:46 07:04-08:13/69 19:31	06:07 18:34-19:35/61 19:58 06:35-06:49/14	05:45 06:05-06:27/22 20:22 18:46-19:38/52
6	07:20 07:41-08:43/62 17:02	07:05 07:24-08:06/42 17:34	06:31 18:03	06:45 07:02-08:12/70 19:31	06:06 18:34-19:36/62 19:59 06:37-06:47/10	05:45 06:05-06:27/22 20:23 18:47-19:38/51
7	07:20 07:41-08:43/62 17:02	07:04 07:25-08:05/40 17:35	06:29 18:04	06:43 07:01-08:11/70 19:32	06:05 18:34-19:37/63 19:59	05:44 06:05-06:27/22 20:23 18:47-19:38/51
8	07:20 07:40-08:41/61 17:03	07:03 07:25-08:04/39 17:36	06:28 18:05	06:42 06:59-08:10/71 19:33	06:04 18:34-19:38/64 20:00	05:44 06:05-06:27/22 20:24 18:48-19:38/50
9	07:20 07:40-08:41/61 17:04	07:02 07:27-08:04/37 17:37	06:27 06:44-06:51/7 18:06	06:40 06:58-08:09/71 19:34	06:03 06:21-06:24/3 20:01 18:34-19:39/65	05:44 06:05-06:28/23 20:25 18:48-19:37/49
10	07:20 07:40-08:41/61 17:05	07:01 07:28-08:03/35 17:38	06:25 06:43-06:58/15 18:07	06:39 06:57-08:09/72 19:35	06:02 06:20-06:25/5 20:02 18:34-19:40/66	05:44 06:04-06:27/23 20:25 18:48-19:37/49
11	07:20 07:40-08:41/61 17:06	07:00 07:28-08:00/32 17:39	06:24 06:41-07:01/20 18:08	06:38 19:09-19:15/6 19:36 06:55-08:07/72	06:01 06:19-06:26/7 20:03 18:34-19:40/66	05:44 06:04-06:27/23 20:26 18:49-19:36/47
12	07:20 07:40-08:41/61 17:07	06:59 07:30-07:59/29 17:41	06:22 06:40-07:04/24 18:09	06:36 19:03-19:16/13 19:37 06:55-08:06/71	06:00 06:19-06:27/8 20:04 18:34-19:41/67	05:44 06:04-06:27/23 20:26 18:50-19:36/46
13	07:19 07:39-08:40/61 17:08	06:58 07:32-07:57/25 17:42	06:21 06:39-07:07/28 18:10	06:35 18:58-19:17/19 19:38 06:54-08:05/71	05:59 06:18-06:28/10 20:05 18:35-19:43/68	05:44 06:04-06:27/23 20:26 18:50-19:36/46
14	07:19 07:39-08:39/60 17:09	06:57 07:34-07:55/21 17:43	06:19 06:37-07:08/31 18:11	06:33 18:56-19:18/22 19:39 06:55-08:04/69	05:58 06:17-06:28/11 20:06 18:35-19:43/68	05:44 06:04-06:27/23 20:27 18:51-19:36/45
15	07:19 07:39-08:39/60 17:10	06:56 07:38-07:52/14 17:44	06:18 06:36-07:10/34 18:12	06:32 18:54-19:19/25 19:40 06:56-08:03/67	05:57 06:16-06:28/12 20:06 18:35-19:44/69	05:44 06:04-06:27/23 20:27 18:51-19:36/45
16	07:19 07:38-08:37/59 17:11	06:54 17:45	06:16 06:34-07:11/37 18:13	06:30 18:51-19:19/28 19:40 06:55-08:00/65	05:56 06:15-06:28/13 20:07 18:35-19:44/69	05:44 06:04-06:27/23 20:28 18:51-19:36/45
17	07:18 07:38-08:36/58 17:12	06:53 17:46	06:15 06:33-07:13/40 18:13	06:29 18:49-19:21/32 06:56-07:59/63 19:41 06:47-06:52/5	05:55 06:15-06:29/14 20:08 18:35-19:43/68	05:44 06:05-06:28/23 20:28 18:53-19:37/44
18	07:18 08:15-08:34/19 17:13	06:52 07:38-08:13/35 17:47	06:13 06:31-07:13/42 18:14	06:28 18:47-19:21/34 06:57-07:58/61 19:42 06:46-06:55/9	05:55 06:14-06:29/15 20:09 18:37-19:44/67	05:44 06:05-06:28/23 20:28 18:53-19:37/44
19	07:17 08:18-08:31/13 17:14	06:51 07:38-08:12/35 17:48	06:12 06:29-07:14/45 18:15	06:26 18:45-19:22/37 06:57-07:55/58 19:43 06:44-06:55/11	05:54 06:13-06:28/15 20:10 18:37-19:43/66	05:44 06:05-06:28/23 20:29 18:53-19:37/44
20	07:17 07:37-08:12/35 17:15	06:50 07:37-08:12/35 17:49	06:10 06:28-07:15/47 18:16	06:25 18:44-19:23/39 06:58-07:54/56 19:44 06:43-06:56/13	05:53 06:12-06:28/16 20:11 18:37-19:42/65	05:44 06:05-06:28/23 20:29 18:53-19:37/44
21	07:17 07:36-08:12/36 17:16	06:48 07:36-08:12/36 17:50	06:09 06:26-07:15/49 18:17	06:24 18:43-19:24/41 06:59-07:51/52 19:45 06:42-06:57/15	05:52 06:12-06:29/17 20:11 18:38-19:43/65	05:44 06:05-06:28/23 20:29 18:53-19:37/44
22	07:16 07:35-08:11/36 17:18	06:47 07:35-08:11/36 17:51	06:07 06:25-07:16/51 18:18	06:22 18:41-19:24/43 07:00-07:48/48 19:46 06:40-06:57/17	05:52 06:11-06:28/17 20:12 18:38-19:42/64	05:45 06:05-06:28/23 20:29 18:53-19:37/44
23	07:16 07:35-08:11/36 17:19	06:46 07:35-08:11/36 17:52	06:06 06:23-07:16/53 18:19	06:21 18:41-19:26/45 07:01-07:46/45 19:47 06:39-06:58/19	05:51 06:11-06:28/17 20:13 18:38-19:41/63	05:45 06:06-06:29/23 20:30 18:54-19:38/44
24	07:15 07:34-08:10/36 17:20	06:44 07:34-08:10/36 17:53	06:04 06:22-07:16/54 18:20	06:20 18:40-19:27/47 07:03-07:45/42 19:48 06:38-06:58/20	05:50 06:10-06:28/18 20:14 18:39-19:42/63	05:45 06:06-06:29/23 20:30 18:54-19:38/44
25	07:14 07:34-08:11/37 17:21	06:43 07:34-08:11/37 17:54	06:03 06:20-07:16/56 18:21	06:19 18:38-19:27/49 07:05-07:43/38 19:49 06:37-06:58/21	05:50 06:09-06:27/18 20:15 18:39-19:41/62	05:45 06:06-06:29/23 20:30 18:54-19:38/44
26	07:14 07:33-08:10/37 17:22	06:42 07:33-08:10/37 17:55	06:01 06:19-07:17/58 18:22	06:17 18:38-19:28/50 07:05-07:40/35 19:50 06:35-06:57/22	05:49 06:09-06:27/18 20:15 18:40-19:41/61	05:46 06:07-06:30/23 20:30 18:54-19:39/45
27	07:13 07:32-08:08/36 17:23	06:41 07:32-08:08/36 17:56	06:00 06:17-07:16/59 18:23	06:16 18:37-19:29/52 07:08-07:38/30 19:50 06:34-06:57/23	05:49 06:08-06:26/18 20:16 18:40-19:40/60	05:46 06:07-06:30/23 20:30 18:54-19:39/45
28	07:12 07:31-08:07/36 17:24	06:39 07:31-08:07/36 17:57	05:58 06:16-07:16/60 18:23	06:15 18:37-19:30/53 07:10-07:35/25 19:51 06:33-06:57/24	05:48 06:08-06:26/18 20:17 18:41-19:40/59	05:46 06:07-06:30/23 20:30 18:54-19:39/45
29	07:12 07:31-08:07/36 17:25		06:57 07:14-08:16/62 19:24	06:14 18:37-19:31/54 07:14-07:32/18 19:52 06:32-06:56/24	05:48 06:07-06:26/19 20:18 18:41-19:40/59	05:47 06:08-06:31/23 20:30 18:54-19:40/46
30	07:11 07:30-08:07/37 17:26		06:55 07:13-08:16/63 19:25	06:12 18:36-19:32/56 07:22-07:24/2 19:53 06:31-06:56/25	05:47 06:07-06:26/19 20:18 18:42-19:40/58	05:47 06:08-06:31/23 20:30 18:54-19:40/46
31	07:10 07:29-08:07/38 17:27		06:54 07:11-08:15/64 19:26		05:47 06:07-06:27/20 20:19 18:43-19:40/57	
Ore potenziali eliofanía	307	302	370	394	439	441
Somma minuti d'ombra	1572	514	999	2670	2394	2094

Legenda della tabella:

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

SHADOW - Calendario per WTG

Calcolo: Analisi OmbreggiamentoWTG: 4 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	05:47 06:09-06:32/23 20:30 18:53-19:40/47	06:09 06:29-06:37/8 20:14 18:45-19:51/66	06:35 19:08-19:14/6 19:36 06:54-08:06/72	07:00 07:19-07:45/26 18:50	06:29 06:56-07:32/36 17:08	07:00 07:22-08:23/61 16:48
2	05:48 06:09-06:32/23 20:30 18:54-19:41/47	06:09 06:30-06:36/6 20:13 18:45-19:51/66	06:35 06:55-08:07/72 19:34	07:01 07:19-07:41/22 18:48	06:30 06:55-07:33/38 17:07	07:01 07:23-08:24/61 16:47
3	05:48 06:10-06:33/23 20:30 18:53-19:42/49	06:10 06:31-06:35/4 20:12 18:45-19:50/65	06:36 06:56-08:07/71 19:33	07:01 07:20-07:37/17 18:47	06:31 06:54-07:33/39 17:06	07:02 07:24-08:25/61 16:47
4	05:49 06:10-06:33/23 20:30 18:53-19:43/50	06:11 06:32-06:34/2 20:11 18:45-19:49/64	06:37 06:57-08:08/71 19:31	07:02 07:21-07:32/11 18:45	06:32 06:53-07:34/41 17:05	07:03 07:25-08:26/61 16:47
5	05:49 06:11-06:33/22 20:30 18:53-19:43/50	06:12 18:44-19:47/63 20:10	06:38 06:57-08:07/70 19:30	07:03 18:44	06:33 06:54-07:36/42 17:04	07:04 07:26-08:28/62 16:47
6	05:50 06:11-06:33/22 20:29 18:53-19:44/51	06:13 18:44-19:47/63 20:09 06:50-06:54/4	06:39 06:58-08:08/70 19:28	07:04 18:42	06:34 06:55-07:36/41 17:03	07:05 07:27-08:29/62 16:47
7	05:50 06:12-06:34/22 20:29 18:52-19:44/52	06:14 18:44-19:46/62 20:08 06:46-06:58/12	06:40 06:59-08:08/69 19:27	07:05 18:41	06:35 06:56-07:37/41 17:02	07:05 07:27-08:29/62 16:47
8	05:51 06:12-06:34/22 20:29 18:52-19:45/53	06:14 18:44-19:45/61 20:07 06:44-07:00/16	06:40 07:00-08:08/68 19:25	07:06 18:39	06:36 06:57-07:37/40 17:01	07:06 07:28-08:30/62 16:47
9	05:52 06:13-06:34/21 20:29 18:53-19:46/53	06:15 18:44-19:44/60 20:06 06:43-07:01/18	06:41 07:01-08:08/67 19:24	07:07 18:38	06:37 06:58-07:37/39 17:00	07:07 07:29-08:30/61 16:47
10	05:52 06:13-06:34/21 20:28 18:52-19:46/54	06:16 18:44-19:43/59 20:05 06:42-07:02/20	06:42 07:01-08:07/66 19:22	07:08 18:37	06:38 06:59-07:38/39 16:59	07:08 07:30-08:31/61 16:47
11	05:53 06:14-06:34/20 20:28 18:52-19:47/55	06:17 18:43-19:41/58 20:03 06:40-07:02/22	06:43 07:02-08:07/65 19:21	07:09 18:35	06:39 07:00-07:38/38 16:58	07:09 07:31-08:32/61 16:47
12	05:53 06:15-06:35/20 20:28 18:51-19:47/56	06:18 18:44-19:40/56 20:02 06:39-07:03/24	06:44 07:03-08:07/64 19:19	07:09 18:34	06:40 07:01-07:38/37 16:58	07:09 07:31-08:32/61 16:47
13	05:54 06:15-06:34/19 20:27 18:51-19:48/57	06:19 18:44-19:39/55 07:26-07:35/9 20:01 06:39-07:04/25	06:45 07:04-08:07/63 19:17	07:10 18:32	06:41 07:03-07:39/36 16:57	07:10 07:32-08:33/61 16:48
14	05:55 06:16-06:35/19 20:27 18:51-19:49/58	06:20 18:44-19:38/54 07:21-07:40/19 20:00 06:40-07:04/24	06:45 07:05-08:07/62 19:16	07:11 18:31	06:43 07:04-07:40/36 16:56	07:11 07:33-08:34/61 16:48
15	05:55 06:17-06:35/18 20:26 18:50-19:48/58	06:20 18:45-19:37/52 07:17-07:44/27 19:59 06:41-07:05/24	06:46 07:05-08:06/61 19:14	07:12 18:29	06:44 07:05-07:41/36 16:55	07:12 07:34-08:35/61 16:48
16	05:56 06:17-06:35/18 20:26 18:50-19:49/59	06:21 18:44-19:35/51 07:14-07:45/31 19:57 06:41-07:04/23	06:47 07:06-08:05/59 19:13	07:13 18:28	06:45 07:06-07:43/37 16:55	07:12 07:34-08:35/61 16:48
17	05:57 06:18-06:36/18 20:25 18:50-19:50/60	06:22 18:45-19:34/49 07:12-07:47/35 19:56 06:42-07:04/22	06:48 07:07-08:05/58 19:11	07:14 18:27	06:46 07:07-07:44/37 16:54	07:13 07:35-08:36/61 16:49
18	05:58 06:19-06:37/18 20:25 18:50-19:51/61	06:23 18:45-19:33/48 07:10-07:49/39 19:55 06:43-07:04/21	06:49 07:08-08:04/56 19:10	07:15 18:25	06:47 07:08-07:44/36 16:53	07:14 07:35-08:36/61 16:49
19	05:58 06:19-06:37/18 20:24 18:49-19:51/62	06:24 18:46-19:32/46 07:08-07:51/43 19:54 06:44-07:04/20	06:50 07:09-08:04/55 19:08	07:16 18:24	06:48 07:09-07:45/36 16:53	07:14 07:36-08:37/61 16:49
20	05:59 06:20-06:38/18 20:23 18:49-19:52/63	06:25 18:47-19:31/44 07:07-07:52/45 19:52 06:45-07:03/18	06:50 07:09-08:02/53 19:07	07:17 18:23	06:49 07:10-07:46/36 16:52	07:15 07:37-08:38/61 16:50
21	06:00 06:21-06:38/17 20:23 18:49-19:52/63	06:25 18:46-19:29/43 07:04-07:53/49 19:51 06:46-07:03/17	06:51 07:10-08:01/51 19:05	07:18 18:21	06:50 07:12-07:48/36 16:51	07:15 07:37-08:38/61 16:50
22	06:01 06:22-06:39/17 20:22 18:47-19:52/65	06:26 18:47-19:28/41 07:03-07:56/53 19:50 06:46-07:01/15	06:52 07:11-08:00/49 19:04	07:19 18:20	06:51 07:13-07:48/35 16:51	07:16 07:38-08:39/61 16:51
23	06:01 06:22-06:38/16 20:21 18:47-19:53/66	06:27 18:48-19:27/39 07:02-07:58/56 19:48 06:47-07:00/13	06:53 07:12-07:59/47 19:02	07:20 18:19	06:52 07:55-08:08/13 16:50 07:14-07:49/35	07:16 07:38-08:39/61 16:51
24	06:02 06:23-06:39/16 20:21 18:47-19:53/66	06:28 18:49-19:26/37 07:01-07:59/58 19:47 06:48-06:59/11	06:54 07:13-07:58/45 19:01	07:21 18:18	06:53 07:52-08:11/19 16:50 07:15-07:50/35	07:17 07:38-08:39/61 16:52
25	06:03 06:24-06:39/15 20:20 18:47-19:54/67	06:29 18:51-19:25/34 07:00-08:01/61 19:45 06:49-06:57/8	06:55 07:14-07:57/43 18:59	07:22 17:16	06:54 07:16-08:14/58 16:50	07:17 07:39-08:40/61 16:52
26	06:04 06:25-06:39/14 20:19 18:46-19:53/67	06:30 18:51-19:22/31 06:59-08:02/63 19:44 06:50-06:55/5	06:55 07:14-07:55/41 18:57	07:23 07:12-07:17/5 17:15	06:55 07:17-08:16/59 16:49	07:18 07:39-08:40/61 16:53
27	06:04 06:25-06:39/14 20:18 18:46-19:54/68	06:30 18:53-19:21/28 19:43 06:57-08:02/65	06:56 07:15-07:53/38 18:56	07:24 07:06-07:23/17 17:14	06:56 07:18-08:18/60 16:49	07:18 07:39-08:40/61 16:54
28	06:05 06:26-06:39/13 20:18 18:46-19:54/68	06:31 18:55-19:20/25 19:41 06:56-08:04/68	06:57 07:16-07:51/35 18:54	07:25 07:03-07:25/22 17:13	06:57 07:19-08:19/60 16:48	07:18 07:40-08:41/61 16:54
29	06:06 06:27-06:39/12 20:17 18:46-19:54/68	06:32 18:57-19:19/22 19:40 06:56-08:05/69	06:58 07:17-07:49/32 18:53	07:26 07:01-07:27/26 17:12	06:58 07:20-08:21/61 16:48	07:19 07:40-08:41/61 16:55
30	06:07 06:28-06:38/10 20:16 18:46-19:54/68	06:33 19:00-19:18/18 19:38 06:55-08:06/71	06:59 07:18-07:47/29 18:51	07:27 06:59-07:29/30 17:10	06:59 07:21-08:22/61 16:48	07:19 07:40-08:41/61 16:56
31	06:08 06:29-06:38/9 20:15 18:45-19:52/67	06:34 19:02-19:15/13 19:37 06:54-08:05/71	 	06:28 06:58-07:30/32 17:09	 	07:19 07:40-08:41/61 16:56
Ore potenziali eliofania	448	421	373	349	306	299
Somma minuti d'ombra	2389	2787	1708	208	1293	1895

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: Analisi OmbreggiamentoWTG: 5 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	07:20 07:49-08:50/61 16:57	07:09 16:56-17:06/10 17:29 07:51-08:47/56	06:38 17:17-17:38/21 17:58	06:52 18:49-19:07/18 19:27 07:11-08:38/87	06:11 06:44-07:46/62 19:54	05:46 19:19-19:56/37 07:10-07:19/9 20:20 06:06-07:06/60
2	07:20 07:50-08:51/61 16:58	07:09 16:55-17:07/12 17:30 07:51-08:47/56	06:36 17:18-17:38/20 17:59	06:51 18:48-19:07/19 19:28 07:09-08:36/87	06:10 06:44-07:45/61 19:55	05:46 19:20-19:57/37 20:20 06:06-07:07/61
3	07:20 07:50-08:51/61 16:59	07:08 16:54-17:08/14 17:31 07:52-08:47/55	06:35 17:19-17:40/21 18:00	06:49 18:47-19:09/22 19:29 07:07-08:36/89	06:09 19:31-19:34/3 19:56 06:44-07:45/61	05:46 19:21-19:58/37 20:21 06:06-07:08/62
4	07:20 07:50-08:51/61 17:00	07:07 16:54-17:09/15 17:32 07:53-08:47/54	06:34 17:21-17:41/20 18:01	06:48 18:46-19:09/23 19:30 07:05-08:34/89	06:08 19:29-19:35/6 19:57 06:44-07:44/60	05:45 19:20-19:58/38 20:22 06:05-07:08/63
5	07:20 07:50-08:51/61 17:01	07:06 16:55-17:11/16 17:33 07:53-08:47/54	06:32 07:08-07:24/16 18:02 17:22-17:42/20	06:46 18:46-19:10/24 19:31 07:04-08:33/89	06:07 19:27-19:35/8 19:58 06:44-07:44/60	05:45 19:21-19:58/37 20:22 06:05-07:09/64
6	07:20 07:50-08:50/60 17:02	07:05 16:55-17:12/17 17:34 07:54-08:46/52	06:31 07:04-07:29/25 18:03 17:26-17:43/17	06:45 18:45-19:11/26 19:32 07:02-08:31/89	06:06 19:26-19:36/10 19:59 06:44-07:44/60	05:45 19:21-19:59/38 20:23 06:05-07:10/65
7	07:20 07:50-08:50/60 17:03	07:04 16:55-17:13/18 17:35 07:55-08:46/51	06:29 07:00-07:31/31 18:04 17:26-17:44/18	06:43 18:46-19:12/26 19:32 07:01-08:30/89	06:05 19:25-19:37/12 19:59 06:44-07:43/59	05:44 19:22-20:00/38 20:23 06:05-07:11/66
8	07:20 07:49-08:49/60 17:03	07:03 16:55-17:15/20 17:36 07:55-08:45/50	06:28 06:53-07:34/41 18:05 17:26-17:45/19	06:42 18:45-19:12/27 19:33 07:00-08:29/89	06:04 19:23-19:38/15 06:45-07:43/58 20:00 06:31-06:35/4	05:44 19:22-20:01/39 20:24 06:05-07:11/66
9	07:20 07:49-08:49/60 17:04	07:02 16:55-17:16/21 17:37 07:56-08:44/48	06:27 06:48-07:35/47 18:06 17:24-17:45/21	06:40 18:46-19:14/28 19:34 06:58-08:27/89	06:03 19:22-19:39/17 06:45-07:42/57 20:01 06:25-06:41/16	05:44 19:23-20:01/38 20:25 06:05-07:12/67
10	07:20 07:49-08:49/60 17:05	07:01 16:55-17:16/21 17:38 07:57-08:44/47	06:25 06:46-07:37/51 18:07 17:24-17:47/23	06:39 18:46-19:15/29 19:35 06:57-08:25/88	06:02 19:21-19:40/19 06:45-07:41/56 20:02 06:22-06:44/22	05:44 19:22-20:01/39 20:25 06:04-07:12/68
11	07:20 07:49-08:48/59 17:06	07:00 16:55-17:17/22 17:39 07:57-08:42/45	06:24 06:44-07:39/55 18:08 17:23-17:47/24	06:38 18:46-19:15/29 07:45-08:22/37 19:36 06:55-07:44/49	06:01 19:21-19:40/19 20:03 06:19-07:41/82	05:44 19:23-20:01/38 20:26 06:04-07:12/68
12	07:20 07:50-08:48/58 17:07	06:59 16:56-17:19/23 17:41 07:59-08:41/42	06:22 06:42-07:40/58 18:09 17:23-17:49/26	06:36 18:47-19:16/29 07:47-08:20/33 19:37 06:54-07:42/48	06:00 19:21-19:42/21 20:04 06:19-07:41/82	05:44 19:23-20:02/39 20:26 06:04-07:13/69
13	07:19 07:49-08:46/57 17:08	06:58 16:57-17:19/22 17:42 08:00-08:39/39	06:21 06:40-07:41/61 18:10 17:22-17:49/27	06:35 18:47-19:17/30 07:49-08:17/28 19:38 06:52-07:40/48	05:59 19:20-19:43/23 20:05 06:18-07:40/82	05:44 19:23-20:02/39 20:26 06:04-07:13/69
14	07:19 07:49-08:44/55 17:09	06:57 16:59-17:18/19 17:43 08:02-08:38/36	06:19 06:37-07:42/65 18:11 17:22-17:51/29	06:33 18:48-19:18/30 07:52-08:14/22 19:39 06:51-07:41/50	05:58 19:20-19:43/23 20:06 06:17-07:39/82	05:44 19:24-20:03/39 20:27 06:04-07:13/69
15	07:19 07:49-08:42/53 17:10	06:56 17:00-17:16/16 17:44 08:03-08:36/33	06:18 06:36-07:43/67 18:12 17:22-17:51/29	06:32 18:49-19:19/30 07:57-08:09/12 19:40 06:51-07:43/52	05:57 19:19-19:44/25 20:06 06:16-07:38/82	05:44 19:24-20:03/39 20:27 06:04-07:14/70
16	07:19 07:49-08:42/53 17:11	06:54 17:03-17:14/11 17:45 08:06-08:34/28	06:16 17:22-17:52/30 18:13 06:34-07:43/69	06:31 18:49-19:19/30 19:41 06:50-07:43/53	05:56 19:18-19:44/26 20:07 06:15-07:38/83	05:44 19:24-20:03/39 20:28 06:05-07:15/70
17	07:18 07:49-08:43/54 17:12	06:53 17:21-17:24/3 17:46 08:08-08:32/24	06:15 17:21-17:53/32 18:13 06:33-07:44/71	06:29 18:50-19:21/31 19:41 06:50-07:44/54	05:55 19:18-19:45/27 20:08 06:15-07:38/83	05:44 19:25-20:05/40 20:28 06:05-07:15/70
18	07:18 07:50-08:44/54 17:13	06:52 17:20-17:26/6 17:47 08:11-08:27/16	06:13 17:22-17:54/32 18:14 06:31-07:43/72	06:28 18:50-19:21/31 19:42 06:50-07:45/55	05:55 19:18-19:47/29 20:09 06:14-07:37/83	05:44 19:25-20:05/40 20:28 06:05-07:15/70
19	07:17 07:49-08:44/55 17:14	06:51 17:19-17:27/8 17:48	06:12 17:21-17:55/34 18:15 06:30-07:44/74	06:26 18:51-19:22/31 19:43 06:50-07:45/55	05:54 19:18-19:47/29 20:10 06:13-07:35/82	05:44 19:25-20:05/40 20:29 06:05-07:15/70
20	07:17 07:50-08:45/55 17:15	06:50 17:19-17:28/9 17:49	06:10 17:22-17:56/34 18:16 06:28-07:44/76	06:25 18:53-19:21/28 19:44 06:49-07:46/57	05:53 19:18-19:47/29 20:11 06:12-07:34/82	05:44 19:26-20:05/39 20:29 06:05-07:16/71
21	07:17 07:49-08:45/56 17:16	06:48 17:17-17:29/12 17:50	06:09 17:21-17:57/36 18:17 06:27-07:43/76	06:24 18:55-19:19/24 19:45 06:49-07:46/57	05:52 19:18-19:49/31 20:12 06:12-07:34/82	05:44 19:26-20:05/39 20:29 06:05-07:16/71
22	07:16 07:49-08:45/56 17:18	06:47 17:17-17:30/13 17:51	06:07 17:22-17:58/36 18:18 06:25-07:43/78	06:22 18:56-19:16/20 19:46 06:47-07:46/59	05:52 19:18-19:49/31 20:12 06:11-07:33/82	05:45 19:26-20:05/39 20:29 06:05-07:16/71
23	07:16 07:50-08:46/56 17:19	06:46 17:17-17:31/14 17:52	06:06 17:22-17:58/36 18:19 06:23-07:43/80	06:21 18:59-19:13/14 19:47 06:47-07:46/59	05:51 19:17-19:50/33 20:13 06:11-07:33/82	05:45 19:27-20:06/39 20:30 06:06-07:16/70
24	07:15 07:49-08:46/57 17:20	06:45 17:17-17:33/16 17:53	06:04 17:23-18:00/37 18:20 06:22-07:43/81	06:20 06:46-07:47/61 19:48	05:50 19:18-19:51/33 20:14 06:10-07:31/81	05:45 19:26-20:06/40 20:30 06:06-07:16/70
25	07:14 07:50-08:47/57 17:21	06:43 17:16-17:33/17 17:54	06:03 17:23-18:00/37 18:21 06:20-07:42/82	06:19 06:46-07:47/61 19:49	05:50 19:18-19:51/33 20:15 06:09-07:30/81	05:45 19:26-20:06/40 20:30 06:06-07:16/70
26	07:14 07:50-08:47/57 17:22	06:42 17:16-17:35/19 17:55	06:01 17:25-18:02/37 18:22 06:19-07:42/83	06:17 06:45-07:46/61 19:50	05:49 19:18-19:52/34 20:15 06:09-07:29/80	05:46 19:27-20:06/39 20:30 06:07-07:17/70
27	07:13 07:50-08:47/57 17:23	06:41 17:17-17:36/19 17:56	06:00 17:25-18:02/37 18:23 06:17-07:41/84	06:16 06:45-07:46/61 19:50	05:49 19:18-19:53/35 20:16 06:08-07:27/79	05:46 19:27-20:06/39 20:30 06:07-07:17/70
28	07:12 17:00-17:01/1 17:24 07:50-08:47/57	06:39 17:17-17:36/19 17:57	05:58 17:27-18:03/36 18:23 06:16-07:41/85	06:15 06:45-07:46/61 19:51	05:48 19:19-19:54/35 20:17 06:08-07:27/79	05:46 19:27-20:06/39 20:30 06:07-07:16/69
29	07:12 16:59-17:03/4 17:25 07:51-08:48/57	06:37 17:17-17:36/19 17:59	05:57 18:28-19:04/36 19:24 07:14-08:40/86	06:14 06:44-07:46/62 19:52	05:48 19:18-19:54/36 20:18 06:08-07:25/77	05:47 19:27-20:06/39 20:30 06:08-07:17/69
30	07:11 16:58-17:04/6 17:26 07:51-08:48/57	06:35 17:17-17:36/19 17:59	05:55 18:31-19:05/34 19:25 07:13-08:39/86	06:12 06:44-07:46/62 19:53	05:47 19:19-19:55/36 07:05-07:23/18 20:18 06:07-07:04/57	05:47 19:27-20:06/39 20:30 06:08-07:17/69
31	07:10 16:57-17:05/8 17:27 07:51-08:48/57	06:33 17:17-17:36/19 17:59	05:54 18:33-19:06/33 19:26 07:11-08:38/87	06:11 06:44-07:46/62 19:53	05:47 19:20-19:56/36 07:07-07:22/15 20:19 06:07-07:06/59	05:47 19:27-20:06/39 20:30 06:08-07:17/69
Ore potenziali eliofania	307	302	370	394	439	441
Somma minuti d'ombra	1801	1218	2679	2741	3045	3208

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: Analisi OmbreggiamentoWTG: 5 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	05:48 19:28-20:07/39 20:30 06:09-07:17/68	06:09 19:31-19:51/20 20:14 06:29-07:51/82	06:35 18:45-19:14/29 07:44-08:21/37 19:36 06:54-07:43/49	07:00 07:21-08:20/59 18:50 18:02-18:29/27	06:29 16:24-16:46/22 17:08 07:26-08:13/47	07:00 07:31-08:30/59 16:48
2	05:48 19:27-20:06/39 20:30 06:09-07:17/68	06:09 19:32-19:51/19 20:13 06:31-07:52/81	06:36 18:44-19:13/29 19:34 06:55-08:23/88	07:01 07:22-08:18/56 18:48 18:01-18:26/25	06:30 16:24-16:45/21 17:07 07:25-08:13/48	07:01 07:32-08:32/60 16:48
3	05:48 19:27-20:06/39 20:30 06:10-07:17/67	06:10 19:32-19:50/18 06:56-07:52/56 20:12 06:34-06:54/20	06:36 18:44-19:12/28 19:33 06:56-08:25/89	07:01 07:23-08:16/53 18:47 18:01-18:25/24	06:31 16:24-16:43/19 17:06 07:24-08:14/50	07:02 07:33-08:33/60 16:47
4	05:49 19:27-20:06/39 20:30 06:10-07:17/67	06:11 19:33-19:49/16 06:55-07:53/58 20:11 06:37-06:51/14	06:37 18:43-19:10/27 19:31 06:57-08:26/89	07:02 07:25-08:14/49 18:45 18:02-18:24/22	06:32 16:24-16:42/18 17:05 07:23-08:15/52	07:03 07:34-08:34/60 16:47
5	05:49 19:27-20:05/38 20:30 06:11-07:17/66	06:12 19:33-19:47/14 20:10 06:55-07:53/58	06:38 18:42-19:08/26 19:30 06:57-08:26/89	07:03 07:28-08:12/44 18:44 18:02-18:22/20	06:33 16:25-16:42/17 17:04 07:24-08:16/52	07:04 07:35-08:35/60 16:47
6	05:50 19:27-20:06/39 20:29 06:11-07:16/65	06:13 19:35-19:47/12 20:09 06:54-07:53/59	06:39 18:42-19:07/25 19:28 06:58-08:27/89	07:04 07:33-08:09/36 18:42 18:02-18:21/19	06:34 16:25-16:41/16 17:03 07:23-08:17/54	07:05 07:36-08:36/60 16:47
7	05:51 19:28-20:06/38 20:29 06:12-07:16/64	06:14 19:36-19:46/10 20:08 06:54-07:53/59	06:40 18:41-19:05/24 19:27 06:59-08:28/89	07:05 07:37-08:06/29 18:41 18:03-18:19/16	06:35 16:25-16:40/15 17:02 07:23-08:17/54	07:05 07:36-08:37/61 16:47
8	05:51 19:27-20:05/38 20:29 06:12-07:16/64	06:14 19:37-19:45/8 20:07 06:54-07:54/60	06:41 18:41-19:04/23 19:25 07:00-08:29/89	07:06 07:41-08:02/21 18:39 17:59-18:18/19	06:36 16:25-16:39/14 17:01 07:22-08:18/56	07:06 07:37-08:38/61 16:47
9	05:52 19:28-20:05/37 20:29 06:13-07:16/63	06:15 19:39-19:44/5 20:06 06:53-07:54/61	06:41 18:41-19:03/22 19:24 07:01-08:30/89	07:07 07:47-07:56/9 18:38 17:56-18:16/20	06:37 16:26-16:38/12 17:00 07:22-08:18/56	07:07 07:38-08:39/61 16:47
10	05:52 19:27-20:04/37 20:28 06:13-07:15/62	06:16 19:41-19:43/2 20:05 06:53-07:54/61	06:42 18:41-19:01/20 19:22 07:01-08:29/88	07:08 17:54-18:15/21 18:37	06:38 16:27-16:37/10 16:59 07:22-08:18/56	07:08 07:39-08:40/61 16:47
11	05:53 19:28-20:04/36 07:20-07:25/5 20:28 06:14-07:14/60	06:17 06:52-07:54/62 20:03	06:43 18:41-18:59/18 19:21 07:03-08:30/87	07:09 17:53-18:14/21 18:35	06:39 16:28-16:36/8 16:59 07:22-08:18/56	07:09 07:40-08:41/61 16:47
12	05:54 19:28-20:04/36 07:17-07:29/12 20:28 06:15-07:14/59	06:18 06:52-07:54/62 20:02	06:44 18:26-18:58/32 19:19 07:03-08:30/87	07:10 17:52-18:12/20 18:34	06:40 16:29-16:35/6 16:58 07:22-08:19/57	07:09 07:40-08:42/62 16:47
13	05:54 19:27-20:03/36 07:14-07:31/17 20:27 06:15-07:13/58	06:19 06:52-07:54/62 20:01	06:45 18:22-18:57/35 19:18 07:04-08:31/87	07:10 17:51-18:11/20 18:32	06:41 16:31-16:35/4 16:57 07:23-08:20/57	07:10 07:41-08:42/61 16:48
14	05:55 19:28-20:03/35 20:27 06:16-07:33/77	06:20 06:52-07:54/62 20:00	06:45 18:20-18:55/35 19:16 07:05-08:31/86	07:11 17:49-18:08/19 18:31	06:43 16:33-16:34/1 16:56 07:23-08:20/57	07:11 07:42-08:42/60 16:48
15	05:56 19:27-20:02/35 20:26 06:17-07:35/78	06:20 06:52-07:54/62 19:59	06:46 18:17-18:53/36 19:14 07:05-08:30/85	07:12 17:48-18:07/19 18:29	06:44 07:23-08:20/57 16:55	07:12 07:43-08:43/60 16:48
16	05:56 19:27-20:02/35 20:26 06:17-07:36/79	06:21 06:52-07:53/61 19:57	06:47 18:15-18:52/37 19:13 07:06-08:30/84	07:13 17:48-18:06/18 18:28	06:45 07:23-08:20/57 16:55	07:12 07:42-08:43/61 16:48
17	05:57 19:28-20:02/34 20:25 06:18-07:38/80	06:22 06:52-07:53/61 19:56	06:48 18:13-18:50/37 19:11 07:07-08:30/83	07:14 17:48-18:04/16 18:27	06:46 07:23-08:20/57 16:54	07:13 07:43-08:44/61 16:49
18	05:58 19:28-20:02/34 20:25 06:19-07:39/80	06:23 06:52-07:53/61 19:55	06:49 18:12-18:49/37 19:10 07:08-08:30/82	07:15 17:47-18:03/16 18:25	06:47 07:23-08:20/57 16:53	07:14 07:43-08:44/61 16:49
19	05:58 19:27-20:01/34 20:24 06:19-07:40/81	06:24 19:10-19:14/4 19:54 06:52-07:52/60	06:50 18:11-18:47/36 19:08 07:09-08:30/81	07:16 17:47-18:02/15 18:24	06:48 07:24-08:20/56 16:53	07:14 07:44-08:45/61 16:49
20	05:59 19:28-20:00/32 20:23 06:20-07:41/81	06:25 19:04-19:20/16 19:52 06:53-07:52/59	06:50 18:09-18:45/36 19:07 07:09-08:29/80	07:17 17:48-18:00/12 18:23	06:49 07:24-08:20/56 16:52	07:15 07:45-08:46/61 16:50
21	06:00 19:28-20:00/32 20:23 06:21-07:43/82	06:25 19:00-19:21/21 19:51 06:53-07:52/59	06:51 18:08-18:44/36 19:05 07:10-08:29/79	07:18 17:48-17:59/11 18:21	06:50 07:25-08:21/56 16:52	07:15 07:45-08:46/61 16:50
22	06:01 19:28-19:59/31 20:22 06:22-07:44/82	06:26 18:58-19:23/25 19:50 06:53-07:50/57	06:52 18:07-18:42/35 19:04 07:11-08:28/77	07:19 17:48-17:58/10 18:20	06:51 07:26-08:21/55 16:51	07:16 07:46-08:47/61 16:51
23	06:01 19:28-19:58/30 20:21 06:22-07:44/82	06:27 18:56-19:25/29 19:48 06:53-07:49/56	06:53 18:06-18:41/35 19:02 07:12-08:28/76	07:20 17:49-17:56/7 18:19 08:47-08:53/6	06:52 07:26-08:21/55 16:50	07:16 07:46-08:47/61 16:51
24	06:02 19:28-19:58/30 20:21 06:23-07:45/82	06:28 18:55-19:26/31 19:47 06:54-07:49/55	06:54 18:06-18:40/34 19:01 07:13-08:27/74	07:21 17:51-17:56/5 18:18 08:41-08:59/18	06:53 07:27-08:21/54 16:50	07:17 07:46-08:47/61 16:52
25	06:03 19:29-19:57/28 20:20 06:24-07:47/83	06:29 18:54-19:25/31 19:45 06:53-07:48/55	06:55 18:04-18:37/33 18:59 07:14-08:27/73	06:22 16:53-16:55/2 07:37-08:02/25 17:16 16:36-16:41/5	06:54 07:27-08:21/54 16:50	07:17 07:47-08:48/61 16:52
26	06:04 19:29-19:57/28 20:19 06:25-07:48/83	06:30 18:51-19:22/31 19:44 06:53-07:47/54	06:55 18:04-18:36/32 18:58 07:14-08:25/71	06:23 16:32-16:45/13 17:15 07:35-08:04/29	06:55 07:28-08:21/53 16:49	07:18 07:47-08:48/61 16:53
27	06:05 19:29-19:55/26 20:18 06:25-07:48/83	06:31 18:50-19:21/31 19:43 06:52-07:45/53	06:56 18:03-18:34/31 18:56 07:15-08:24/69	06:24 16:30-16:47/17 17:14 07:33-08:06/33	06:56 07:28-08:21/53 16:49	07:18 07:47-08:48/61 16:54
28	06:05 19:29-19:55/26 20:18 06:26-07:49/83	06:31 18:50-19:20/30 07:57-08:11/14 19:41 06:52-07:44/52	06:57 18:03-18:33/30 18:54 07:16-08:23/65	06:25 16:28-16:48/20 17:13 07:31-08:08/37	06:57 07:29-08:24/55 16:48	07:18 07:48-08:49/61 16:54
29	06:06 19:30-19:54/24 20:17 06:27-07:49/82	06:32 18:48-19:19/31 07:53-08:15/22 19:40 06:52-07:42/50	06:58 07:17-08:22/65 18:53 18:03-18:32/29	06:26 16:27-16:49/22 17:12 07:29-08:09/40	06:58 07:30-08:27/57 16:48	07:19 07:49-08:49/60 16:55
30	06:07 19:30-19:54/24 20:16 06:28-07:50/82	06:33 18:47-19:18/31 07:50-08:18/28 19:38 06:53-07:40/47	06:59 07:19-08:21/62 18:51 18:03-18:30/27	06:27 16:26-16:48/22 17:10 07:28-08:11/43	06:59 07:31-08:28/57 16:48	07:19 07:49-08:49/60 16:56
31	06:08 19:30-19:52/22 20:15 06:29-07:51/82	06:34 18:46-19:15/29 07:47-08:20/33 19:37 06:54-07:42/48		06:28 16:25-16:47/22 17:09 07:27-08:12/45		07:19 07:49-08:50/61 16:56
Ore potenziali eliofanía	448	421	373	349	306	299
Somma minuti d'ombra	3358	2428	3354	1177	1824	1881

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: Analisi OmbreggiamentoWTG: 6 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	07:20 16:57	07:09 07:42-08:29/47 17:28	06:38 17:58	06:52 07:27-08:23/56 19:27	06:11 06:29-06:45/16 19:54	05:46 06:13-06:33/20 20:20
2	07:20 16:58	07:09 07:42-08:29/47 17:30	06:36 17:59	06:51 07:29-08:22/53 19:28	06:10 06:28-06:46/18 19:55	05:46 06:14-06:33/19 20:20
3	07:20 07:53-08:00/7 16:59	07:08 07:42-08:29/47 17:31	06:35 18:00	06:49 07:30-08:23/53 19:29	06:09 06:27-06:47/20 19:56	05:45 06:15-06:33/18 20:21
4	07:20 07:52-08:03/11 17:00	07:07 07:44-08:29/45 17:32	06:34 18:01	06:48 07:30-08:22/52 19:30	06:08 06:26-06:47/21 19:57	05:45 06:15-06:32/17 20:22
5	07:20 07:50-08:05/15 17:01	07:06 07:44-08:29/45 17:33	06:32 18:02	06:46 07:31-08:22/51 19:31	06:07 06:25-06:48/23 19:58	05:45 06:16-06:32/16 20:22
6	07:20 07:49-08:07/18 17:02	07:05 07:44-08:29/45 17:34	06:31 18:03	06:45 07:30-08:21/51 19:32	06:06 06:24-06:48/24 19:59	05:45 06:17-06:31/14 20:23
7	07:20 07:49-08:09/20 17:02	07:04 07:45-08:28/43 17:35	06:29 18:04	06:43 07:31-08:21/50 19:32	06:05 06:23-06:48/25 19:59	05:44 06:18-06:31/13 20:24
8	07:20 07:47-08:09/22 17:03	07:03 07:46-08:28/42 17:36	06:28 18:05	06:42 07:30-08:20/50 19:33	06:04 06:23-06:48/25 20:00	05:44 06:19-06:31/12 20:24
9	07:20 07:47-08:11/24 17:04	07:02 07:46-08:27/41 17:37	06:27 18:06	06:40 07:30-08:20/50 19:34	06:03 06:23-06:48/25 20:01	05:44 06:20-06:30/10 20:25
10	07:20 07:46-08:12/26 17:05	07:01 07:47-08:27/40 17:38	06:25 18:07	06:39 07:31-08:19/48 19:35	06:02 06:20-06:47/27 20:02	05:44 06:20-06:29/9 20:25
11	07:20 07:46-08:14/28 17:06	07:00 07:47-08:25/38 17:39	06:24 18:08	06:38 07:31-08:18/47 19:36	06:01 06:19-06:47/28 20:03	05:44 06:21-06:28/7 20:26
12	07:20 07:46-08:15/29 17:07	06:59 07:49-08:24/35 17:40	06:22 06:40-06:49/9 18:09	06:36 07:31-08:17/46 19:37	06:00 06:19-06:47/28 20:04	05:44 06:23-06:27/4 20:26
13	07:19 07:45-08:16/31 17:08	06:58 07:50-08:22/32 17:42	06:21 06:39-06:51/12 18:10	06:35 07:31-08:16/45 19:38	05:59 06:18-06:47/29 20:05	05:44 20:27
14	07:19 07:44-08:17/33 17:09	06:57 07:52-08:21/29 17:43	06:19 06:37-06:52/15 18:11	06:33 06:51-06:55/4 19:39 07:32-08:15/43	05:58 06:17-06:46/29 20:06	05:44 20:27
15	07:19 07:44-08:19/35 17:10	06:56 07:53-08:19/26 17:44	06:18 06:36-06:54/18 18:12	06:32 06:50-06:57/7 19:40 07:33-08:14/41	05:57 06:16-06:45/29 20:07	05:44 20:27
16	07:19 07:43-08:19/36 17:11	06:54 07:56-08:17/21 17:45	06:16 06:34-06:53/19 18:12	06:30 06:48-06:58/10 19:41 07:33-08:12/39	05:56 06:15-06:44/29 20:07	05:44 20:28
17	07:18 07:43-08:21/38 17:12	06:53 07:59-08:14/15 17:46	06:15 06:33-06:54/21 18:13	06:29 06:47-06:59/12 19:41 07:34-08:11/37	05:55 06:14-06:43/29 20:08	05:44 20:28
18	07:18 07:44-08:22/38 17:13	06:52 17:47	06:13 06:31-06:54/23 18:14	06:28 06:46-06:59/13 19:42 07:35-08:08/33	05:54 06:14-06:42/28 20:09	05:44 20:28
19	07:18 07:43-08:23/40 17:14	06:51 17:48	06:12 06:30-06:57/27 18:15	06:26 06:44-06:59/15 19:43 07:37-08:07/30	05:54 06:13-06:40/27 20:10	05:44 20:29
20	07:17 07:43-08:24/41 17:15	06:50 17:49	06:10 06:28-07:08/40 18:16	06:25 06:43-06:59/16 19:44 07:39-08:05/26	05:53 06:12-06:36/24 20:11	05:44 20:29
21	07:17 07:42-08:24/42 17:16	06:48 17:50	06:09 06:27-07:12/45 18:17	06:24 06:42-06:59/17 19:45 07:41-08:02/21	05:52 06:12-06:35/23 20:12	05:44 20:29
22	07:16 07:42-08:25/43 17:17	06:47 17:51	06:07 06:25-07:15/50 18:18	06:22 06:40-06:58/18 19:46 07:44-07:58/14	05:52 06:11-06:35/24 20:12	05:44 20:29
23	07:16 07:42-08:26/44 17:19	06:46 17:52	06:06 06:23-07:16/53 18:19	06:21 06:40-06:57/17 19:47	05:51 06:10-06:34/24 20:13	05:45 20:30
24	07:15 07:42-08:26/44 17:20	06:45 17:53	06:04 06:22-07:18/56 18:20	06:20 06:41-06:56/15 19:48	05:50 06:10-06:35/25 20:14	05:45 20:30
25	07:14 07:42-08:27/45 17:21	06:43 17:54	06:03 06:21-07:19/58 18:21	06:19 06:42-06:55/13 19:49	05:50 06:10-06:34/24 20:15	05:45 20:30
26	07:14 07:42-08:28/46 17:22	06:42 17:55	06:01 06:21-07:21/60 18:22	06:17 06:43-06:53/10 19:50	05:49 06:11-06:35/24 20:15	05:46 20:30
27	07:13 07:42-08:28/46 17:23	06:41 17:56	06:00 06:21-07:21/60 18:23	06:16 06:46-06:49/3 19:50	05:49 06:11-06:34/23 20:16	05:46 20:30
28	07:12 07:41-08:28/47 17:24	06:39 17:57	05:58 06:21-07:22/61 18:23	06:15 06:34-06:40/6 19:51	05:48 06:12-06:34/22 20:17	05:46 20:30
29	07:12 07:42-08:29/47 17:25		06:57 07:21-08:22/61 19:24	06:14 06:32-06:43/11 19:52	05:47 06:11-06:33/22 20:18	05:47 20:30
30	07:11 07:42-08:29/47 17:26		06:55 07:23-08:23/60 19:25	06:12 06:31-06:45/14 19:53	05:47 06:12-06:34/22 20:18	05:47 06:27-06:31/4 20:30
31	07:10 07:42-08:29/47 17:27		06:54 07:24-08:22/58 19:26		05:47 06:13-06:34/21 20:19	
Ore potenziali eliofanìa	307	302	370	394	439	441
Somma minuti d'ombra	990	638	806	1137	758	163

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: Analisi OmbreggiamentoWTG: 6 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	05:47 06:27-06:33/6 20:30	06:08 06:29-06:57/28 20:14	06:35 07:29-08:17/48 19:36	07:00 07:19-07:29/10 18:50	06:29 07:16-07:56/40 17:08	07:00 07:28-07:56/28 16:48
2	05:48 06:25-06:34/9 20:30	06:09 06:30-06:58/28 20:13	06:35 07:29-08:17/48 19:34	07:01 07:21-07:25/4 18:48	06:30 07:15-07:56/41 17:07	07:01 07:29-07:56/27 16:47
3	05:48 06:24-06:34/10 20:30	06:10 06:31-06:58/27 20:12	06:36 07:28-08:18/50 19:33	07:01 18:47	06:31 07:14-07:57/43 17:06	07:02 07:31-07:55/24 16:47
4	05:49 06:24-06:36/12 20:30	06:11 06:34-06:58/24 20:11	06:37 07:28-08:18/50 19:31	07:02 18:45	06:32 07:15-07:58/43 17:05	07:03 07:32-07:54/22 16:47
5	05:49 06:23-06:36/13 20:30	06:12 06:33-06:57/24 20:10	06:38 07:27-08:17/50 19:30	07:03 18:44	06:33 07:14-07:59/45 17:04	07:04 07:34-07:54/20 16:47
6	05:50 06:23-06:37/14 20:29	06:13 06:33-06:57/24 20:09	06:39 07:26-08:17/51 19:28	07:04 18:42	06:34 07:14-07:59/45 17:03	07:05 07:35-07:53/18 16:47
7	05:50 06:23-06:38/15 20:29	06:14 06:34-06:57/23 20:08	06:40 07:26-08:17/51 19:27	07:05 18:41	06:35 07:13-07:59/46 17:02	07:05 07:37-07:52/15 16:47
8	05:51 06:22-06:39/17 20:29	06:14 06:35-06:57/22 20:07	06:40 07:25-08:17/52 19:25	07:06 18:39	06:36 07:13-08:00/47 17:01	07:06 07:38-07:50/12 16:47
9	05:52 06:22-06:40/18 20:29	06:15 06:36-06:57/21 20:06	06:41 07:24-08:17/53 19:24	07:07 18:38	06:37 07:13-08:00/47 17:00	07:07 07:41-07:49/8 16:47
10	05:52 06:21-06:40/19 20:28	06:16 06:37-06:56/19 20:05	06:42 07:22-08:16/54 19:22	07:08 18:37	06:38 07:13-08:00/47 16:59	07:08 16:47
11	05:53 06:22-06:41/19 20:28	06:17 06:37-06:55/18 20:03	06:43 07:19-08:15/56 19:21	07:09 18:35	06:39 07:13-08:00/47 16:58	07:09 16:47
12	05:53 06:22-06:42/20 20:28	06:18 06:38-06:53/15 20:02	06:44 07:16-08:15/59 19:19	07:10 18:34	06:40 07:14-08:01/47 16:58	07:10 16:47
13	05:54 06:21-06:42/21 20:27	06:19 06:39-06:52/13 20:01	06:45 07:14-08:14/60 19:17	07:10 18:32	06:42 07:14-08:01/47 16:57	07:10 16:48
14	05:55 06:21-06:43/22 20:27	06:19 06:40-06:50/10 20:00	06:45 07:13-08:13/60 19:16	07:11 18:31	06:43 07:14-08:01/47 16:56	07:11 16:48
15	05:55 06:20-06:42/22 20:26	06:20 06:43-06:46/3 19:59	06:46 07:11-08:11/60 19:14	07:12 18:29	06:44 07:15-08:01/46 16:55	07:12 16:48
16	05:56 06:20-06:43/23 20:26	06:21 06:52-06:57/5 19:57	06:47 07:10-08:10/60 19:13	07:13 18:28	06:45 07:15-08:01/46 16:55	07:12 16:48
17	05:57 06:20-06:44/24 20:25	06:22 06:49-07:00/11 19:56	06:48 07:09-08:09/60 19:11	07:14 18:27	06:46 07:15-08:00/45 16:54	07:13 16:49
18	05:58 06:20-06:44/24 20:25	06:23 06:47-07:01/14 19:55	06:49 07:09-08:08/59 19:10	07:15 18:25	06:47 07:16-08:00/44 16:53	07:14 16:49
19	05:58 06:20-06:44/24 20:24	06:24 06:46-07:02/16 19:54	06:50 07:09-08:06/57 19:08	07:16 18:24	06:48 07:16-08:00/44 16:53	07:14 16:49
20	05:59 06:20-06:44/24 20:23	06:25 06:46-07:03/17 19:52	06:50 07:09-08:03/54 19:07	07:17 18:23	06:49 07:17-08:00/43 16:52	07:15 16:50
21	06:00 06:21-06:45/24 20:23	06:25 06:46-07:04/18 19:51	06:51 07:10-08:01/51 19:05	07:18 18:21	06:50 07:18-08:00/42 16:51	07:15 16:50
22	06:00 06:21-06:44/23 20:22	06:26 06:46-07:03/17 19:50	06:52 07:11-07:58/47 19:04	07:19 18:20	06:51 07:19-08:00/41 16:51	07:16 16:51
23	06:01 06:22-06:44/22 20:21	06:27 06:47-07:03/16 19:48	06:53 07:12-07:54/42 19:02	07:20 18:19	06:52 07:20-08:00/40 16:50	07:16 16:51
24	06:02 06:23-06:49/26 20:21	06:28 06:48-07:03/15 19:47	06:54 07:13-07:41/28 19:01	07:21 08:33-08:40/7 18:18	06:53 07:21-07:59/38 16:50	07:17 16:52
25	06:03 06:24-06:52/28 20:20	06:29 06:49-07:02/13 19:45	06:55 07:14-07:37/23 18:59	07:22 07:28-07:45/17 17:16	06:54 07:21-07:59/38 16:49	07:17 16:52
26	06:04 06:25-06:53/28 20:19	06:30 06:50-07:01/11 19:44	06:55 07:14-07:36/22 18:57	07:23 07:25-07:48/23 17:15	06:55 07:22-07:58/36 16:49	07:18 16:53
27	06:04 06:25-06:54/29 20:18	06:30 06:50-06:59/9 19:43	06:56 07:15-07:35/20 18:56	07:24 07:23-07:50/27 17:14	06:56 07:23-07:58/35 16:49	07:18 16:54
28	06:05 06:26-06:55/29 20:18	06:31 06:51-06:58/7 19:41	06:57 07:16-07:34/18 18:54	07:25 07:21-07:51/30 17:13	06:57 07:24-07:57/33 16:48	07:18 16:54
29	06:06 06:27-06:56/29 20:17	06:32 06:52-06:56/4 19:40	06:58 07:17-07:33/16 18:53	07:26 07:19-07:53/34 17:12	06:58 07:26-07:57/31 16:48	07:19 16:55
30	06:07 06:28-06:57/29 20:16	06:33 07:32-08:17/45 19:38	06:59 07:18-07:32/14 18:51	07:27 07:18-07:54/36 17:10	06:59 07:27-07:57/30 16:48	07:19 16:56
31	06:08 06:28-06:57/29 20:15	06:34 07:30-08:16/46 19:37		07:28 07:17-07:55/38 17:09		07:19 16:56
Ore potenziali eliofanìa	448	421	373	349	306	299
Somma minuti d'ombra	652	850	1373	226	1264	174

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: Analisi OmbreggiamentoWTG: 7 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	07:20 07:57-08:48/51 16:57	07:09 17:28	06:38 17:58	06:52 07:26-08:30/64 19:27	06:11 06:41-07:50/69 19:54	05:46 06:46-07:40/54 20:20
2	07:20 07:57-08:48/51 16:58	07:09 17:30	06:37 17:59	06:51 07:25-08:29/64 19:28	06:10 06:40-07:47/67 19:55	05:46 06:47-07:40/53 20:20
3	07:20 07:58-08:48/50 16:59	07:08 17:31	06:35 18:00	06:49 07:24-08:30/66 19:29	06:09 06:40-07:47/67 19:56	05:46 06:48-07:40/52 20:21
4	07:20 07:58-08:47/49 17:00	07:07 17:32	06:34 18:01	06:48 07:23-08:29/66 19:30	06:08 06:39-07:47/68 19:57	05:45 06:48-07:39/51 20:22
5	07:20 07:59-08:47/48 17:01	07:06 17:33	06:32 18:02	06:46 07:23-08:29/66 19:31	06:07 06:39-07:47/68 19:58	05:45 06:48-07:39/51 20:22
6	07:20 07:59-08:46/47 17:02	07:05 17:34	06:31 18:03	06:45 07:22-08:28/66 19:32	06:06 06:39-07:47/68 19:59	05:45 06:49-07:39/50 20:23
7	07:20 08:00-08:46/46 17:02	07:04 17:35	06:29 18:04	06:43 07:22-08:29/67 19:32	06:05 06:39-07:47/68 20:00	05:44 06:50-07:39/49 20:24
8	07:20 08:00-08:46/46 17:03	07:03 17:36	06:28 18:05	06:42 07:23-08:29/66 19:33	06:04 06:39-07:47/68 20:00	05:44 06:51-07:38/47 20:24
9	07:20 08:00-08:45/45 17:04	07:02 17:37	06:27 18:06	06:40 07:22-08:27/65 19:34	06:03 06:38-07:47/69 20:01	05:44 06:51-07:38/47 20:25
10	07:20 08:01-08:46/45 17:05	07:01 17:38	06:25 18:07	06:39 07:22-08:27/65 19:35	06:02 06:38-07:46/68 20:02	05:44 06:51-07:37/46 20:25
11	07:20 08:01-08:46/45 17:06	07:00 17:39	06:24 18:08	06:38 07:21-08:26/65 19:36	06:01 06:38-07:46/68 20:03	05:44 06:52-07:37/45 20:26
12	07:20 08:02-08:47/45 17:07	06:59 17:41	06:22 18:09	06:36 07:22-08:26/64 19:37	06:00 06:39-07:47/68 20:04	05:44 06:52-07:37/45 20:26
13	07:19 08:02-08:46/44 17:08	06:58 17:42	06:21 18:10	06:35 07:09-08:24/75 19:38	05:59 06:39-07:46/67 20:05	05:44 06:53-07:37/44 20:27
14	07:19 08:03-08:46/43 17:09	06:57 17:43	06:19 18:11	06:33 07:05-08:24/79 19:39	05:58 06:39-07:46/67 20:06	05:44 06:53-07:37/44 20:27
15	07:19 08:04-08:47/43 17:10	06:56 17:44	06:18 18:12	06:32 07:02-08:24/82 19:40	05:57 06:39-07:45/66 20:07	05:44 06:53-07:37/44 20:27
16	07:19 08:04-08:46/42 17:11	06:54 17:45	06:16 18:13	06:31 06:59-08:22/83 19:41	05:56 06:39-07:45/66 20:07	05:44 06:54-07:37/43 20:28
17	07:18 08:05-08:46/41 17:12	06:53 17:46	06:15 18:13	06:29 06:57-08:21/84 19:41	05:55 06:39-07:44/65 20:08	05:44 06:55-07:38/43 20:28
18	07:18 08:07-08:47/40 17:13	06:52 17:47	06:13 18:14	06:28 06:55-08:21/86 19:42	05:55 06:40-07:45/65 20:09	05:44 06:55-07:38/43 20:28
19	07:18 08:07-08:46/39 17:14	06:51 17:48	06:12 18:15	06:26 06:52-08:19/87 19:43	05:54 06:40-07:44/64 20:10	05:44 06:55-07:38/43 20:29
20	07:17 08:08-08:46/38 17:15	06:50 17:49	06:10 18:16	06:25 06:51-08:18/87 19:44	05:53 06:40-07:44/64 20:11	05:44 06:56-07:38/42 20:29
21	07:17 08:09-08:45/36 17:16	06:48 17:50	06:09 18:17	06:24 06:50-08:17/87 19:45	05:52 06:41-07:44/63 20:12	05:44 06:56-07:38/42 20:29
22	07:16 08:10-08:45/35 17:18	06:47 17:51	06:07 18:18	06:22 06:48-08:15/87 19:46	05:52 06:41-07:43/62 20:12	05:45 06:56-07:38/42 20:29
23	07:16 08:11-08:44/33 17:19	06:46 17:52	06:06 18:19	06:21 06:47-08:14/87 19:47	05:51 06:41-07:42/61 20:13	05:45 06:57-07:39/42 20:30
24	07:15 08:12-08:43/31 17:20	06:45 17:53	06:04 18:20	06:20 06:46-08:12/86 19:48	05:50 06:42-07:43/61 20:14	05:45 06:56-07:39/43 20:30
25	07:14 08:14-08:42/28 17:21	06:43 17:54	06:03 18:21	06:19 06:45-08:11/86 19:49	05:50 06:42-07:42/60 20:15	05:45 06:56-07:39/43 20:30
26	07:14 08:15-08:41/26 17:22	06:42 17:55	06:01 18:22	06:17 06:44-08:08/84 19:50	05:49 06:43-07:42/59 20:15	05:46 06:57-07:40/43 20:30
27	07:13 08:17-08:39/22 17:23	06:41 17:56	06:00 18:23	06:16 06:43-08:06/83 19:50	05:49 06:43-07:41/58 20:16	05:46 06:57-07:40/43 20:30
28	07:12 08:20-08:38/18 17:24	06:39 17:57	05:58 18:23	06:15 06:43-08:04/81 19:51	05:48 06:44-07:41/57 20:17	05:46 06:56-07:40/44 20:30
29	07:12 08:23-08:34/11 17:25	06:37 17:57	05:57 18:24	06:14 06:42-08:01/79 19:52	05:48 06:44-07:40/56 20:18	05:47 06:57-07:41/44 20:30
30	07:11 17:26	06:35 19:25	05:55 19:25	06:12 06:42-07:58/76 19:53	05:47 06:45-07:40/55 20:18	05:47 06:56-07:41/45 20:30
31	07:10 17:27	06:34 19:26	05:54 19:26	06:11 07:26-08:29/63 19:54	05:47 06:46-07:41/55 20:19	
Ore potenziali eliofanía	307	302	370	394	439	441
Somma minuti d'ombra	1138	0	989	2283	1987	1367

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: Analisi OmbreggiamentoWTG: 7 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	05:47 06:57-07:42/45 20:30	06:09 06:49-07:56/67 20:14	06:35 07:20-08:25/65 19:36	07:00 07:19-07:45/26 18:50	06:29 17:08	07:00 07:43-08:28/45 16:48
2	05:48 06:56-07:42/46 20:30	06:09 06:49-07:57/68 20:13	06:36 07:20-08:25/65 19:34	07:01 07:20-07:43/23 18:48	06:30 17:07	07:01 07:44-08:29/45 16:47
3	05:48 06:56-07:42/46 20:30	06:10 06:49-07:57/68 20:12	06:36 07:20-08:25/65 19:33	07:02 07:21-07:39/18 18:47	06:31 17:06	07:02 07:44-08:29/45 16:47
4	05:49 06:56-07:43/47 20:30	06:11 06:49-07:57/68 20:11	06:37 07:20-08:26/66 19:31	07:02 07:25-07:35/10 18:45	06:32 17:05	07:03 07:44-08:30/46 16:47
5	05:49 06:55-07:43/48 20:30	06:12 06:49-07:57/68 20:10	06:38 07:18-08:25/67 19:30	07:03 18:44	06:33 17:04	07:04 07:45-08:31/46 16:47
6	05:50 06:56-07:45/49 20:29	06:13 06:48-07:57/69 20:09	06:39 07:18-08:25/67 19:28	07:04 18:42	06:34 17:03	07:05 07:45-08:32/47 16:47
7	05:50 06:56-07:46/50 20:29	06:14 06:49-07:57/68 20:08	06:40 07:18-08:24/66 19:27	07:05 18:41	06:35 17:02	07:05 07:46-08:34/48 16:47
8	05:51 06:55-07:46/51 20:29	06:14 06:49-07:57/68 20:07	06:40 07:18-08:24/66 19:25	07:06 18:39	06:36 17:01	07:06 07:45-08:34/49 16:47
9	05:52 06:55-07:47/52 20:29	06:15 06:49-07:57/68 20:06	06:41 07:19-08:24/65 19:24	07:07 18:38	06:37 17:00	07:07 07:46-08:35/49 16:47
10	05:52 06:54-07:47/53 20:28	06:16 06:49-07:57/68 20:05	06:42 07:18-08:23/65 19:22	07:08 18:37	06:38 16:59	07:08 07:46-08:37/51 16:47
11	05:53 06:54-07:48/54 20:28	06:17 06:49-07:55/66 20:03	06:43 07:18-08:22/64 19:21	07:09 18:35	06:39 16:58	07:09 07:47-08:38/51 16:47
12	05:53 06:55-07:49/54 20:28	06:18 06:49-08:02/73 20:02	06:44 07:18-08:22/64 19:19	07:10 18:34	06:40 16:58	07:10 07:48-08:39/51 16:47
13	05:54 06:54-07:48/54 20:27	06:19 06:49-08:07/78 20:01	06:45 07:19-08:21/62 19:18	07:10 18:32	06:42 07:55-08:07/12 16:57	07:10 07:47-08:39/52 16:48
14	05:55 06:54-07:49/55 20:27	06:20 06:50-08:10/80 20:00	06:45 07:19-08:20/61 19:16	07:11 18:31	06:43 07:52-08:10/18 16:56	07:11 07:48-08:40/52 16:48
15	05:55 06:53-07:49/56 20:26	06:20 06:50-08:12/82 19:59	06:46 07:19-08:18/59 19:14	07:12 18:29	06:44 07:50-08:12/22 16:55	07:12 07:49-08:41/52 16:48
16	05:56 06:53-07:50/57 20:26	06:21 06:50-08:13/83 19:57	06:47 07:19-08:17/58 19:13	07:13 18:28	06:45 07:48-08:14/26 16:55	07:12 07:49-08:41/52 16:48
17	05:57 06:53-07:51/58 20:25	06:22 06:51-08:15/84 19:56	06:48 07:20-08:16/56 19:11	07:14 18:27	06:46 07:47-08:15/28 16:54	07:13 07:49-08:43/54 16:49
18	05:58 06:53-07:52/59 20:25	06:23 06:51-08:17/86 19:55	06:49 07:19-08:15/56 19:10	07:15 18:25	06:47 07:46-08:17/31 16:53	07:14 07:50-08:44/54 16:49
19	05:58 06:52-07:52/60 20:24	06:24 06:52-08:18/86 19:54	06:50 07:18-08:14/56 19:08	07:16 18:24	06:48 07:45-08:18/33 16:53	07:14 07:50-08:44/54 16:49
20	05:59 06:52-07:53/61 20:23	06:25 06:53-08:20/87 19:52	06:50 07:16-08:11/55 19:07	07:17 18:23	06:49 07:44-08:19/35 16:52	07:15 07:51-08:45/54 16:50
21	06:00 06:52-07:53/61 20:23	06:25 06:54-08:21/87 19:51	06:51 07:16-08:09/53 19:05	07:18 18:21	06:50 07:45-08:21/36 16:51	07:15 07:51-08:45/54 16:50
22	06:01 06:51-07:53/62 20:22	06:26 06:54-08:21/87 19:50	06:52 07:16-08:07/51 19:04	07:19 18:20	06:51 07:44-08:22/38 16:51	07:16 07:52-08:46/54 16:51
23	06:01 06:51-07:54/63 20:21	06:27 06:55-08:22/87 19:48	06:53 07:15-08:05/50 19:02	07:20 18:19	06:52 07:44-08:23/39 16:50	07:16 07:52-08:46/54 16:51
24	06:02 06:51-07:54/63 20:21	06:28 06:56-08:23/87 19:47	06:54 07:15-08:02/47 19:01	07:21 18:18	06:53 07:44-08:24/40 16:50	07:17 07:52-08:46/54 16:52
25	06:03 06:51-07:55/64 20:20	06:29 06:58-08:24/86 19:46	06:55 07:15-07:59/44 18:59	06:22 17:16	06:54 07:43-08:24/41 16:50	07:17 07:53-08:47/54 16:52
26	06:04 06:51-07:56/65 20:19	06:30 07:00-08:24/84 19:44	06:55 07:15-07:54/39 18:58	06:23 17:15	06:55 07:43-08:25/42 16:49	07:18 07:53-08:47/54 16:53
27	06:04 06:50-07:55/65 20:18	06:30 07:01-08:24/83 19:43	06:56 07:15-07:50/35 18:56	06:24 17:14	06:56 07:43-08:26/43 16:49	07:18 07:54-08:47/53 16:54
28	06:05 06:50-07:56/66 20:18	06:31 07:03-08:25/82 19:41	06:57 07:16-07:49/33 18:54	06:25 17:13	06:57 07:43-08:26/43 16:48	07:19 07:55-08:47/52 16:54
29	06:06 06:50-07:56/66 20:17	06:32 07:06-08:25/79 19:40	06:58 07:17-07:48/31 18:53	06:26 17:12	06:58 07:43-08:27/44 16:48	07:19 07:55-08:47/52 16:55
30	06:07 06:50-07:57/67 20:16	06:33 07:11-08:25/74 19:38	06:59 07:18-07:46/28 18:51	06:27 17:10	06:59 07:43-08:28/45 16:48	07:19 07:55-08:47/52 16:56
31	06:08 06:49-07:56/67 20:15	06:34 07:22-08:26/64 19:37		06:28 17:09		07:19 07:55-08:47/52 16:56
Ore potenziali eliofanìa	448	421	373	349	306	299
Somma minuti d'ombra	1764	2385	1659	77	616	1582

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: Analisi OmbreggiamentoWTG: 8 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	07:20 16:57	07:09 07:32-08:21/49 17:28	06:38 17:58	06:52 19:27	06:11 06:52-08:00/68 19:54	05:46 07:18-07:34/16 20:20
2	07:20 16:58	07:09 07:32-08:20/48 17:30	06:36 17:59	06:51 19:28	06:10 06:53-08:00/67 19:55	05:46 07:21-07:32/11 20:20
3	07:20 07:57-08:01/4 16:59	07:08 07:33-08:20/47 17:31	06:35 18:00	06:49 19:29	06:09 06:53-07:59/66 19:56	05:46 20:21
4	07:20 07:55-08:04/9 17:00	07:07 07:33-08:19/46 17:32	06:34 18:01	06:48 07:27-07:40/13 19:30	06:08 06:53-07:59/66 19:57	05:45 20:22
5	07:20 07:54-08:06/12 17:01	07:06 07:33-08:18/45 17:33	06:32 18:02	06:46 07:22-07:46/24 19:31	06:07 06:53-07:58/65 19:58	05:45 20:22
6	07:20 07:53-08:07/14 17:02	07:05 07:33-08:16/43 17:34	06:31 18:03	06:45 07:17-07:49/32 19:32	06:06 06:53-07:58/65 19:59	05:45 20:23
7	07:20 07:53-08:09/16 17:02	07:04 07:34-08:12/38 17:35	06:29 18:04	06:43 07:15-07:51/36 19:32	06:05 06:54-07:57/63 19:59	05:44 20:24
8	07:20 07:53-08:10/17 17:03	07:03 07:34-08:10/36 17:36	06:28 18:05	06:42 07:12-07:53/41 19:33	06:04 06:54-07:57/63 20:00	05:44 20:24
9	07:20 07:51-08:11/20 17:04	07:02 07:35-08:10/35 17:37	06:27 18:06	06:40 07:10-07:55/45 19:34	06:03 06:54-07:56/62 20:01	05:44 20:25
10	07:20 07:51-08:12/21 17:05	07:01 07:36-08:10/34 17:38	06:25 18:07	06:39 07:09-07:57/48 19:35	06:02 06:55-07:55/60 20:02	05:44 20:25
11	07:20 07:51-08:13/22 17:06	07:00 07:37-08:09/32 17:39	06:24 18:08	06:38 07:06-07:57/51 19:36	06:01 06:55-07:55/60 20:03	05:44 20:26
12	07:20 07:51-08:15/24 17:07	06:59 07:37-08:08/31 17:41	06:22 18:09	06:36 07:05-07:59/54 19:37	06:00 06:57-07:55/58 20:04	05:44 20:26
13	07:19 07:50-08:15/25 17:08	06:58 07:38-08:08/30 17:42	06:21 18:10	06:35 07:03-07:59/56 19:38	05:59 06:57-07:54/57 20:05	05:44 20:27
14	07:19 07:50-08:16/26 17:09	06:57 07:39-08:07/28 17:43	06:19 18:11	06:33 07:02-08:00/58 19:39	05:58 06:57-07:53/56 20:06	05:44 20:27
15	07:19 07:50-08:17/27 17:10	06:56 07:40-08:07/27 17:44	06:18 18:12	06:32 07:01-08:01/60 19:40	05:57 06:58-07:52/54 20:07	05:44 20:27
16	07:19 07:49-08:18/29 17:11	06:54 07:41-08:06/25 17:45	06:16 18:13	06:31 07:00-08:01/61 19:41	05:56 06:58-07:51/53 20:07	05:44 20:28
17	07:18 07:50-08:19/29 17:12	06:53 07:43-08:04/21 17:46	06:15 18:13	06:29 06:59-08:02/63 19:41	05:55 06:59-07:50/51 20:08	05:44 20:28
18	07:18 07:50-08:20/30 17:13	06:52 07:44-08:01/17 17:47	06:13 18:14	06:28 06:59-08:02/63 19:42	05:55 07:00-07:50/50 20:09	05:44 20:28
19	07:18 07:50-08:20/30 17:14	06:51 07:47-07:59/12 17:48	06:12 18:15	06:26 06:57-08:02/65 19:43	05:54 07:01-07:49/48 20:10	05:44 20:29
20	07:17 07:50-08:21/31 17:15	06:50 17:49	06:10 18:16	06:25 06:57-08:02/65 19:44	05:53 07:02-07:48/46 20:11	05:44 20:29
21	07:17 07:50-08:21/31 17:16	06:48 17:50	06:09 18:17	06:24 06:56-08:03/67 19:45	05:52 07:03-07:48/45 20:12	05:44 20:29
22	07:16 07:50-08:22/32 17:18	06:47 17:51	06:07 18:18	06:22 06:55-08:02/67 19:46	05:52 07:04-07:46/42 20:12	05:44 20:29
23	07:16 07:50-08:22/32 17:19	06:46 17:52	06:06 18:19	06:21 06:55-08:02/67 19:47	05:51 07:05-07:45/40 20:13	05:45 20:30
24	07:15 07:50-08:22/32 17:20	06:45 17:53	06:04 18:20	06:20 06:55-08:02/67 19:48	05:50 07:06-07:45/39 20:14	05:45 20:30
25	07:14 07:38-07:46/8 17:21	06:43 17:54	06:03 18:21	06:19 06:54-08:02/68 19:49	05:50 07:07-07:43/36 20:15	05:45 20:30
26	07:14 07:36-08:23/47 17:22	06:42 17:55	06:01 18:22	06:17 06:53-08:02/69 19:50	05:49 07:09-07:43/34 20:15	05:46 20:30
27	07:13 07:35-08:23/48 17:23	06:41 17:56	06:00 18:23	06:16 06:53-08:01/68 19:50	05:49 07:09-07:41/32 20:16	05:46 20:30
28	07:12 07:35-08:23/48 17:24	06:39 17:57	05:58 18:23	06:15 06:53-08:01/68 19:51	05:48 07:11-07:40/29 20:17	05:46 20:30
29	07:12 07:34-08:23/49 17:25		06:57 19:24	06:14 06:53-08:01/68 19:52	05:48 07:12-07:38/26 20:18	05:47 20:30
30	07:11 07:33-08:23/50 17:26		06:55 19:25	06:12 06:53-08:01/68 19:53	05:47 07:14-07:37/23 20:18	05:47 20:30
31	07:10 07:32-08:22/50 17:27		06:54 19:26		05:47 07:16-07:36/20 20:19	
Ore potenziali eliofanía	307	302	370	394	439	441
Somma minuti d'ombra	849	644	0	1512	1544	27

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: Analisi OmbreggiamentoWTG: 8 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 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	05:47 20:30	06:09 07:06-08:05/59 20:14	06:35 07:05-07:56/51 19:36	07:00 18:50	06:29 07:05-07:39/34 17:08	07:00 07:33-07:55/22 16:48
2	05:48 20:30	06:09 07:06-08:05/59 20:13	06:36 07:07-07:55/48 19:34	07:01 18:48	06:30 07:04-07:39/35 17:07	07:01 07:34-07:55/21 16:47
3	05:48 20:30	06:10 07:05-08:06/61 20:12	06:36 07:08-07:53/45 19:33	07:01 18:47	06:31 07:03-07:39/36 17:06	07:02 07:35-07:55/20 16:47
4	05:49 20:30	06:11 07:05-08:07/62 20:11	06:37 07:10-07:51/41 19:31	07:02 18:45	06:32 07:03-07:43/40 17:05	07:03 07:36-07:54/18 16:47
5	05:49 20:30	06:12 07:04-08:07/63 20:10	06:38 07:11-07:47/36 19:30	07:03 18:44	06:33 07:03-07:46/43 17:04	07:04 07:38-07:54/16 16:47
6	05:50 20:29	06:13 07:03-08:07/64 20:09	06:39 07:13-07:45/32 19:28	07:04 18:42	06:34 07:03-07:48/45 17:03	07:05 07:39-07:53/14 16:47
7	05:50 20:29	06:14 07:03-08:08/65 20:08	06:40 07:17-07:41/24 19:27	07:05 18:41	06:35 07:02-07:49/47 17:02	07:05 07:41-07:53/12 16:47
8	05:51 20:29	06:14 07:03-08:08/65 20:07	06:40 07:22-07:36/14 19:25	07:06 18:39	06:36 07:02-07:51/49 17:01	07:06 07:42-07:51/9 16:47
9	05:52 20:29	06:15 07:03-08:09/66 20:06	06:41 19:24	07:07 18:38	06:37 07:03-07:51/48 17:00	07:07 07:45-07:50/5 16:47
10	05:52 07:30-07:37/7 20:28	06:16 07:02-08:09/67 20:05	06:42 19:22	07:08 18:37	06:38 07:03-07:52/49 16:59	07:08 16:47
11	05:53 07:27-07:41/14 20:28	06:17 07:01-08:08/67 20:03	06:43 19:21	07:09 18:35	06:39 07:03-07:53/50 16:58	07:09 16:47
12	05:53 07:26-07:44/18 20:28	06:18 07:01-08:09/68 20:02	06:44 19:19	07:10 18:34	06:40 07:05-07:54/49 16:58	07:10 16:47
13	05:54 07:23-07:45/22 20:27	06:19 07:01-08:09/68 20:01	06:45 19:18	07:10 18:32	06:42 07:06-07:55/49 16:57	07:10 16:48
14	05:55 07:22-07:47/25 20:27	06:20 07:01-08:09/68 20:00	06:45 19:16	07:11 18:31	06:43 07:07-07:55/48 16:56	07:11 16:48
15	05:55 07:20-07:48/28 20:26	06:20 07:01-08:09/68 19:59	06:46 19:14	07:12 18:29	06:44 07:08-07:56/48 16:55	07:12 16:48
16	05:56 07:19-07:50/31 20:26	06:21 07:00-08:08/68 19:57	06:47 19:13	07:13 18:28	06:45 07:09-07:56/47 16:55	07:12 16:48
17	05:57 07:19-07:51/32 20:25	06:22 07:00-08:08/68 19:56	06:48 19:11	07:14 18:27	06:46 07:11-07:19/8 16:54	07:13 16:49
18	05:58 07:18-07:53/35 20:25	06:23 07:00-08:08/68 19:55	06:49 19:10	07:15 18:25	06:47 07:24-07:56/32 16:53	07:14 16:49
19	05:58 07:16-07:53/37 20:24	06:24 07:00-08:08/68 19:54	06:50 19:08	07:16 18:24	06:48 07:24-07:56/32 16:53	07:14 16:49
20	05:59 07:15-07:55/40 20:23	06:25 07:01-08:08/67 19:52	06:50 19:07	07:17 18:23	06:49 07:24-07:56/32 16:52	07:15 16:50
21	06:00 07:15-07:56/41 20:23	06:25 07:00-08:07/67 19:51	06:51 19:05	07:18 18:21	06:50 07:26-07:57/31 16:51	07:15 16:50
22	06:01 07:13-07:56/43 20:22	06:26 07:00-08:06/66 19:50	06:52 19:04	07:19 08:21-08:26/5 18:20	06:51 07:26-07:57/31 16:51	07:16 16:51
23	06:01 07:12-07:58/46 20:21	06:27 07:01-08:06/65 19:48	06:53 19:02	07:20 08:16-08:30/14 18:19	06:52 07:27-07:57/30 16:50	07:16 16:51
24	06:02 07:12-07:59/47 20:21	06:28 07:01-08:06/65 19:47	06:54 19:01	07:21 08:14-08:33/19 18:18	06:53 07:27-07:57/30 16:50	07:17 16:52
25	06:03 07:11-08:00/49 20:20	06:29 07:01-08:05/64 19:45	06:55 18:59	06:22 07:12-07:34/22 17:16	06:54 07:28-07:57/29 16:50	07:17 16:52
26	06:04 07:11-08:01/50 20:19	06:30 07:02-08:04/62 19:44	06:55 18:57	06:23 07:11-07:36/25 17:15	06:55 07:28-07:57/29 16:49	07:18 16:53
27	06:04 07:09-08:01/52 20:18	06:30 07:02-08:03/61 19:43	06:56 18:56	06:24 07:09-07:37/28 17:14	06:56 07:29-07:56/27 16:49	07:18 16:54
28	06:05 07:09-08:02/53 20:18	06:31 07:02-08:02/60 19:41	06:57 18:54	06:25 07:08-07:37/29 17:13	06:57 07:30-07:56/26 16:48	07:18 16:54
29	06:06 07:08-08:03/55 20:17	06:32 07:03-08:01/58 19:40	06:58 18:53	06:26 07:07-07:38/31 17:12	06:58 07:31-07:56/25 16:48	07:19 16:55
30	06:07 07:08-08:04/56 20:16	06:33 07:04-08:00/56 19:38	06:59 18:51	06:27 07:07-07:38/31 17:10	06:59 07:32-07:56/24 16:48	07:19 16:56
31	06:08 07:06-08:04/58 20:15	06:34 07:04-07:58/54 19:37		06:28 07:06-07:39/33 17:09		07:19 16:56
Ore potenziali eliofanìa	448	421	373	349	306	299
Somma minuti d'ombra	839	1987	291	237	1139	137

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: Analisi OmbreggiamentoWTG: 9 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (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	07:20 08:12-08:56/44 16:57	07:09 07:31-08:04/33 17:28	06:38 17:58	06:52 07:13-07:56/43 19:27	06:11 19:54	05:46 20:20
2	07:20 08:13-08:56/43 16:58	07:09 07:30-08:04/34 17:30	06:36 17:59	06:51 07:11-07:54/43 19:28	06:10 19:55	05:46 20:20
3	07:20 08:13-08:57/44 16:59	07:08 07:30-08:04/34 17:31	06:35 18:00	06:49 07:10-07:52/42 19:29	06:09 19:56	05:45 20:21
4	07:20 08:13-08:57/44 17:00	07:07 07:30-08:04/34 17:32	06:34 18:01	06:48 07:08-07:50/42 19:30	06:08 19:57	05:45 20:22
5	07:20 08:14-08:58/44 17:01	07:06 07:29-08:03/34 17:33	06:32 18:02	06:46 07:08-07:47/39 19:31	06:07 19:58	05:45 20:22
6	07:20 08:14-08:58/44 17:02	07:05 07:29-08:02/33 17:34	06:31 18:03	06:45 07:06-07:39/33 19:32	06:06 19:59	05:45 20:23
7	07:20 08:15-08:59/44 17:02	07:04 07:29-08:00/31 17:35	06:29 18:04	06:43 07:06-07:39/33 19:32	06:05 19:59	05:44 20:24
8	07:20 08:14-08:58/44 17:03	07:03 07:29-07:58/29 17:36	06:28 18:05	06:42 07:06-07:39/33 19:33	06:04 20:00	05:44 20:24
9	07:20 08:15-08:59/44 17:04	07:02 07:29-07:57/28 17:37	06:27 18:06	06:40 07:05-07:38/33 19:34	06:03 20:01	05:44 20:25
10	07:20 08:16-08:59/43 17:05	07:01 07:30-07:57/27 17:38	06:25 18:07	06:39 07:06-07:38/32 19:35	06:02 20:02	05:44 20:25
11	07:20 08:16-09:00/44 17:06	07:00 07:30-07:56/26 17:39	06:24 18:08	06:38 07:05-07:37/32 19:36	06:01 20:03	05:44 20:26
12	07:20 08:17-09:00/43 17:07	06:59 07:30-07:55/25 17:41	06:22 06:40-06:50/10 18:09	06:36 07:06-07:37/31 19:37	06:00 20:04	05:44 20:26
13	07:19 08:17-09:00/43 17:08	06:58 07:31-07:54/23 17:42	06:21 06:39-06:53/14 18:10	06:35 07:05-07:35/30 19:38	05:59 20:05	05:44 20:27
14	07:19 08:18-09:00/42 17:09	06:57 07:32-07:54/22 17:43	06:19 06:37-06:53/16 18:11	06:33 07:06-07:35/29 19:39	05:58 20:06	05:44 20:27
15	07:19 07:44-07:50/6 17:10	06:56 07:33-07:53/20 17:44	06:18 06:36-06:55/19 18:12	06:32 07:07-07:34/27 19:40	05:57 20:07	05:44 20:27
16	07:19 07:41-07:52/11 17:11	06:54 07:35-07:51/16 17:45	06:16 06:34-06:55/21 18:13	06:30 07:08-07:32/24 19:41	05:56 20:07	05:44 20:28
17	07:18 07:40-07:54/14 17:12	06:53 07:37-07:49/12 17:46	06:15 06:33-06:56/23 18:13	06:29 07:09-07:30/21 19:41	05:55 20:08	05:44 20:28
18	07:18 07:40-07:56/16 17:13	06:52 07:37-07:56/16 17:47	06:13 06:32-06:56/24 18:14	06:28 07:11-07:28/17 19:42	05:55 20:09	05:44 20:28
19	07:18 07:38-07:57/19 17:14	06:51 08:21-09:00/39 17:48	06:12 06:32-06:58/26 18:15	06:26 07:13-07:25/12 19:43	05:54 20:10	05:44 20:29
20	07:17 07:38-07:59/21 17:15	06:50 08:22-09:01/39 17:49	06:10 06:31-06:59/28 18:16	06:25 07:14-07:26/11 19:44	05:53 20:11	05:44 20:29
21	07:17 07:37-07:59/22 17:16	06:48 08:22-09:00/38 17:50	06:09 06:31-06:59/28 18:17	06:24 07:15-07:27/10 19:45	05:52 20:12	05:44 20:29
22	07:16 07:37-08:01/24 17:17	06:47 08:23-08:59/36 17:51	06:07 06:30-07:00/30 18:18	06:22 07:16-07:28/9 19:46	05:52 20:12	05:44 20:29
23	07:16 07:37-08:01/24 17:19	06:46 08:24-08:59/35 17:52	06:06 06:29-07:00/31 18:19	06:21 07:17-07:29/8 19:47	05:51 20:13	05:45 20:30
24	07:15 07:36-08:02/26 17:20	06:45 08:25-08:58/33 17:53	06:04 06:29-07:01/32 18:20	06:20 07:18-07:30/7 19:48	05:50 20:14	05:45 20:30
25	07:14 07:37-08:03/26 17:21	06:43 08:27-08:58/31 17:54	06:03 06:28-07:00/32 18:21	06:19 07:19-07:31/6 19:49	05:50 20:15	05:45 20:30
26	07:14 07:36-08:03/27 17:22	06:42 08:27-08:57/30 17:55	06:01 06:28-07:00/32 18:22	06:17 07:20-07:32/5 19:50	05:49 20:15	05:46 20:30
27	07:13 07:36-08:03/27 17:23	06:41 08:29-08:56/27 17:56	06:00 06:27-06:59/32 18:23	06:16 07:21-07:33/4 19:50	05:49 20:16	05:46 20:30
28	07:12 07:37-08:05/28 17:24	06:39 08:30-08:54/24 17:57	05:58 06:27-06:59/32 18:23	06:15 07:22-07:34/3 19:51	05:48 20:17	05:46 20:30
29	07:12 07:35-08:05/30 17:25	06:38 08:31-08:55/23 17:58	06:57 07:21-07:58/37 19:24	06:14 07:23-07:35/2 19:52	05:48 20:18	05:47 20:30
30	07:11 07:33-08:04/31 17:26	06:37 08:32-08:56/22 17:59	06:55 07:17-07:58/41 19:25	06:12 07:24-07:36/1 19:53	05:47 20:18	05:47 20:30
31	07:10 07:32-08:04/32 17:27	06:36 08:33-08:57/21 18:00	06:54 07:14-07:56/42 19:26	06:11 07:25-07:37/0 19:54	05:47 20:19	05:47 20:30
Ore potenziali eliofanía	307	302	370	394	439	441
Somma minuti d'ombra	1539	461	550	596	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: Analisi OmbreggiamentoWTG: 9 - VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (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	05:47 20:30	06:09 20:14	06:35 07:04-07:36/32 19:36	07:00 07:19-07:31/12 18:50	06:29 06:58-07:26/28 17:08	07:00 07:58-08:42/44 16:48
2	05:48 20:30	06:09 20:13	06:35 07:04-07:36/32 19:34	07:01 07:23-07:26/3 18:48	06:30 06:58-07:26/28 17:07	07:01 07:59-08:42/43 16:47
3	05:48 20:30	06:10 20:12	06:36 07:03-07:36/33 19:33	07:01 18:47	06:31 06:58-07:28/30 17:06	07:02 07:59-08:43/44 16:47
4	05:49 20:30	06:11 20:11	06:37 07:03-07:36/33 19:31	07:02 18:45	06:32 06:59-07:30/31 17:05	07:03 07:59-08:43/44 16:47
5	05:49 20:30	06:12 20:10	06:38 07:02-07:35/33 19:30	07:03 18:44	06:33 06:59-07:32/33 17:04	07:04 08:00-08:44/44 16:47
6	05:50 20:29	06:13 20:09	06:39 07:02-07:35/33 19:28	07:04 18:42	06:34 06:59-07:33/34 17:03	07:05 08:00-08:44/44 16:47
7	05:50 20:29	06:14 20:08	06:40 07:03-07:42/39 19:27	07:05 18:41	06:35 07:00-07:34/34 17:02	07:05 08:01-08:45/44 16:47
8	05:51 20:29	06:14 20:07	06:40 07:03-07:44/41 19:25	07:06 18:39	06:36 07:00-07:34/34 17:01	07:06 08:01-08:44/43 16:47
9	05:52 20:29	06:15 20:06	06:41 07:04-07:46/42 19:24	07:07 18:38	06:37 07:01-07:35/34 17:00	07:07 08:01-08:45/44 16:47
10	05:52 20:28	06:16 20:05	06:42 07:04-07:47/43 19:22	07:08 18:37	06:38 07:02-07:35/33 16:59	07:08 08:02-08:46/44 16:47
11	05:53 20:28	06:17 20:03	06:43 07:05-07:48/43 19:21	07:09 18:35	06:39 07:03-07:35/32 16:58 08:09-08:19/10	07:09 08:02-08:46/44 16:47
12	05:53 20:28	06:18 20:02	06:44 07:06-07:48/42 19:19	07:10 18:34	06:40 07:05-07:36/31 16:58 08:07-08:23/16	07:10 08:03-08:47/44 16:47
13	05:54 20:27	06:19 20:01	06:45 07:08-07:49/41 19:18	07:10 18:32	06:42 07:07-07:36/29 16:57 08:04-08:25/21	07:10 08:03-08:46/43 16:48
14	05:55 20:27	06:19 20:00	06:45 07:11-07:49/38 19:16	07:11 18:31	06:43 07:09-07:36/27 16:56 08:03-08:27/24	07:11 09:33-09:39/6 16:48 08:04-08:47/43
15	05:55 20:26	06:20 19:59	06:46 07:17-07:49/32 19:14	07:12 18:29	06:44 07:09-07:36/27 16:55 08:01-08:29/28	07:12 09:32-09:42/10 16:48 08:05-08:48/43
16	05:56 20:26	06:21 19:57	06:47 07:16-07:49/33 19:13	07:13 18:28	06:45 07:09-07:36/27 16:55 08:00-08:30/30	07:12 09:31-09:43/12 16:48 08:04-08:48/44
17	05:57 20:25	06:22 19:56	06:48 07:16-07:49/33 19:11	07:14 18:27	06:46 07:10-07:36/26 16:54 07:59-08:31/32	07:13 09:31-09:45/14 16:49 08:05-08:48/43
18	05:58 20:25	06:23 19:55	06:49 07:16-07:48/32 19:10	07:15 18:25	06:47 07:10-07:36/26 16:53 07:59-08:32/33	07:14 09:31-09:46/15 16:49 08:06-08:49/43
19	05:58 20:24	06:24 19:54	06:50 07:16-07:48/32 19:08	07:16 18:24	06:48 07:11-07:35/24 16:53 07:58-08:33/35	07:14 09:30-09:46/16 16:49 08:06-08:49/43
20	05:59 20:23	06:25 19:52	06:50 07:15-07:46/31 19:07	07:17 18:23	06:49 07:11-07:35/24 16:52 07:58-08:34/36	07:15 09:31-09:48/17 16:50 08:07-08:50/43
21	06:00 20:23	06:25 19:51	06:51 07:16-07:46/30 19:05	07:18 18:21	06:50 07:13-07:35/22 16:51 07:58-08:36/38	07:15 09:31-09:48/17 16:50 08:07-08:50/43
22	06:01 20:22	06:26 19:50	06:52 07:16-07:45/29 19:04	07:19 18:20	06:51 07:14-07:35/21 16:51 07:58-08:37/39	07:16 09:32-09:49/17 16:51 08:08-08:51/43
23	06:01 20:21	06:27 19:48	06:53 07:16-07:44/28 19:02	07:20 18:19	06:52 07:15-07:34/19 16:50 07:58-08:37/39	07:16 09:32-09:49/17 16:51 08:08-08:51/43
24	06:02 20:21	06:28 07:17-07:29/12 19:47	06:54 07:15-07:42/27 19:01	07:21 08:10-08:16/6 18:18	06:53 07:17-07:33/16 16:50 07:57-08:38/41	07:17 09:32-09:48/16 16:52 08:08-08:51/43
25	06:03 20:20	06:29 07:14-07:31/17 19:45	06:55 07:15-07:40/25 18:59	06:22 07:06-07:19/13 17:16	06:54 07:18-07:32/14 16:50 07:57-08:39/42	07:17 09:34-09:49/15 16:52 08:09-08:52/43
26	06:04 20:19	06:30 07:12-07:33/21 19:44	06:55 07:14-07:37/23 18:57	06:23 07:04-07:21/17 17:15	06:55 07:20-07:31/11 16:49 07:57-08:39/42	07:18 09:34-09:49/15 16:53 08:09-08:52/43
27	06:04 20:18	06:30 07:10-07:34/24 19:43	06:56 07:15-07:36/21 18:56	06:24 07:02-07:23/21 17:14	06:56 07:22-07:29/7 16:49 07:57-08:40/43	07:18 09:35-09:48/13 16:54 08:09-08:53/44
28	06:05 20:18	06:31 07:08-07:35/27 19:41	06:57 07:16-07:36/20 18:54	06:25 07:01-07:24/23 17:13	06:57 07:58-08:40/42 16:48	07:18 09:37-09:48/11 16:54 08:11-08:54/43
29	06:06 20:17	06:32 07:07-07:36/29 19:40	06:58 07:17-07:34/17 18:53	06:26 07:00-07:24/24 17:12	06:58 07:58-08:41/43 16:48	07:19 09:39-09:47/8 16:55 08:11-08:54/43
30	06:07 20:16	06:33 07:06-07:36/30 19:38	06:59 07:18-07:33/15 18:51	06:27 06:59-07:25/26 17:10	06:59 07:58-08:41/43 16:48	07:19 08:11-08:54/43 16:56
31	06:08 20:15	06:34 07:06-07:37/31 19:37		06:28 06:59-07:25/26 17:09		07:19 08:11-08:55/44 16:56
Ore potenziali eliofanía	448	421	373	349	306	299
Somma minuti d'ombra	0	191	953	171	1379	1565

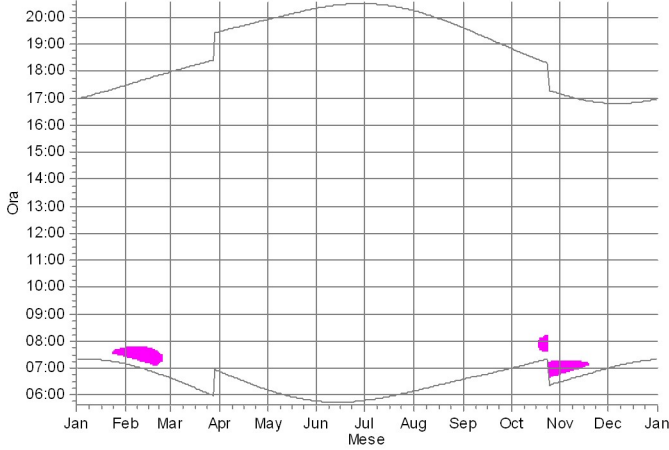
Legenda della tabella:

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

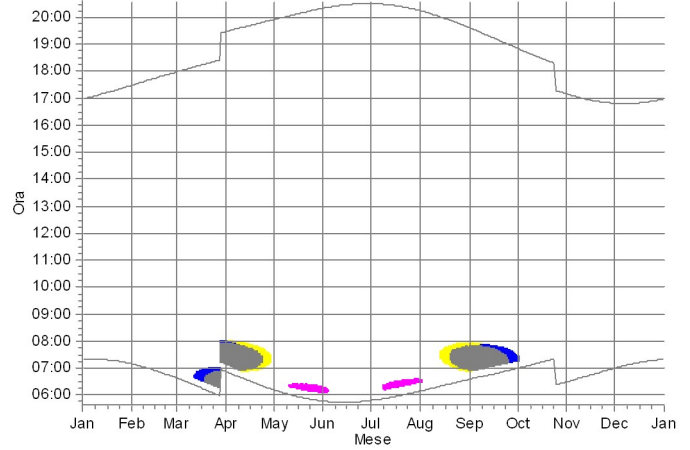
SHADOW - Calendario per WTG, grafico

Calcolo: Analisi Ombreggiamento

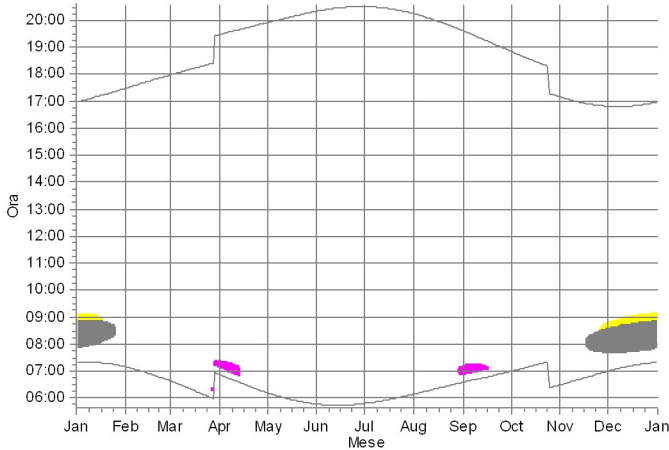
1: VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (1)



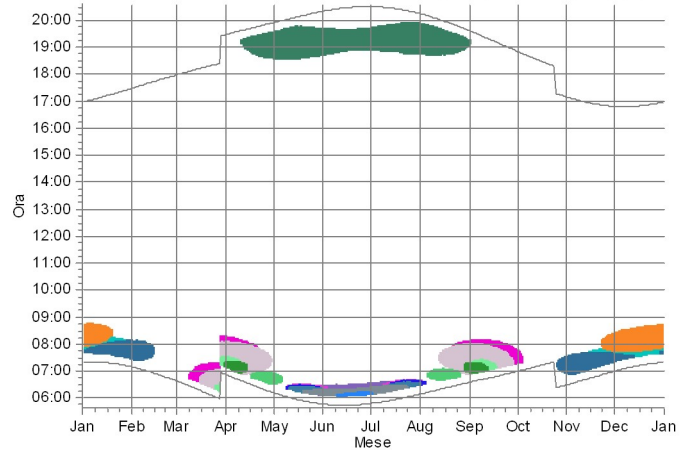
2: VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (2)



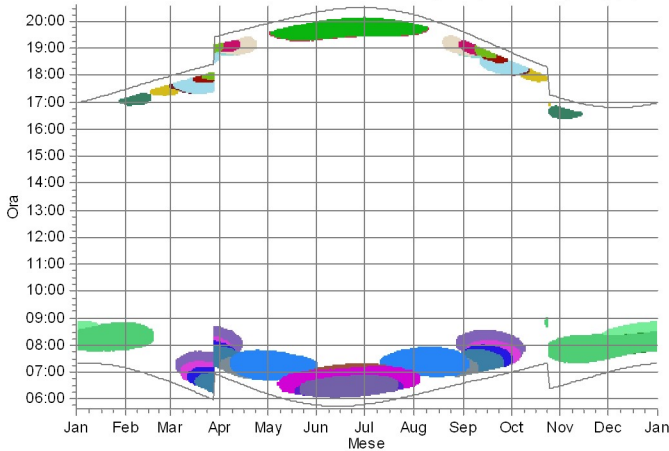
3: VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (3)



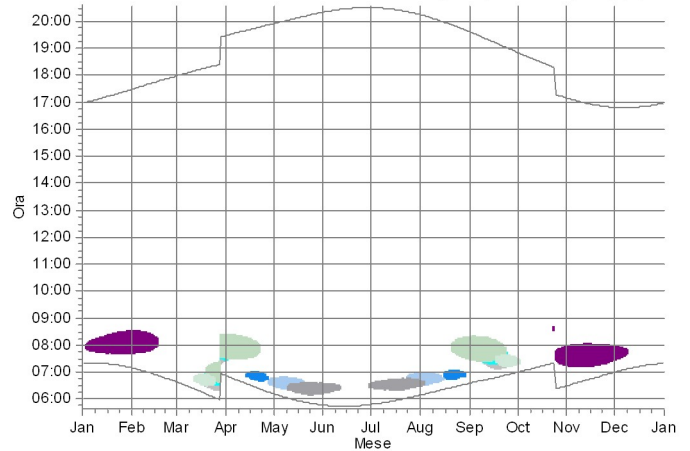
4: VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (4)



5: VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (5)



6: VESTAS V162-7.2 7200 162.0 !O! hub: 119,0 m (TOT: 200,0 m) (6)

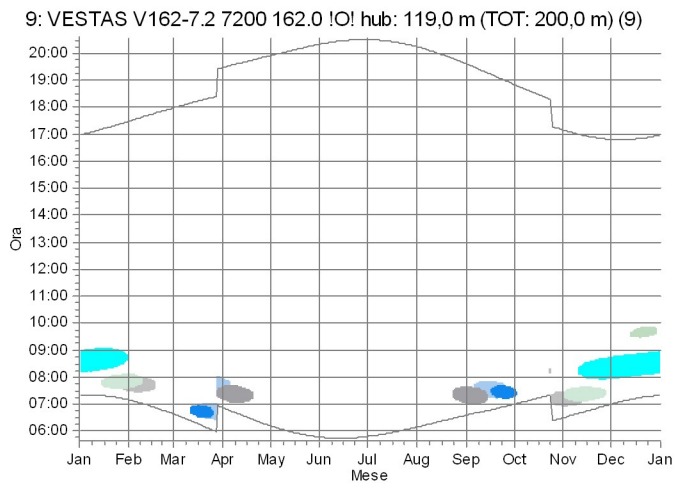
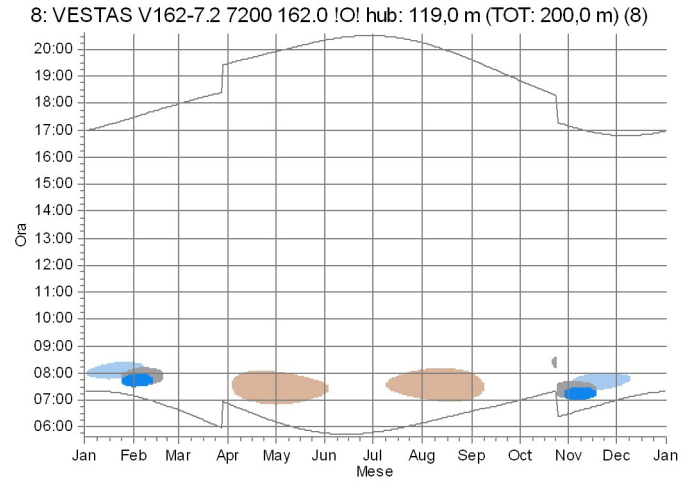
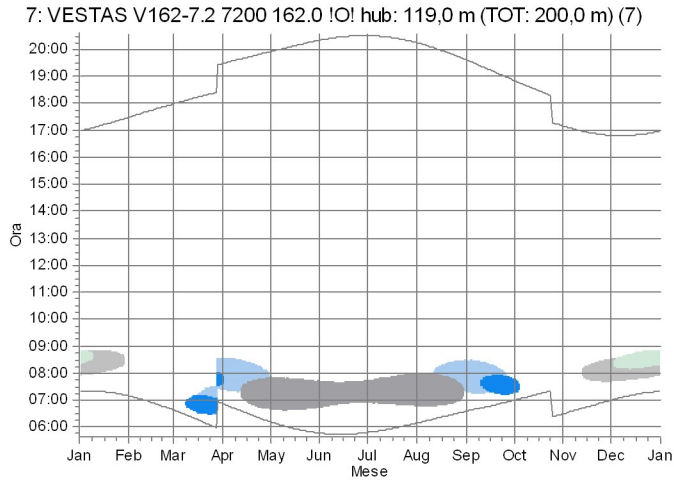


Recettori d'ombra

B: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (245)	T: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (263)	AE: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (274)	AP: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (285)
C: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (246)	U: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (264)	AF: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (275)	AR: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (287)
D: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (247)	V: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (265)	AG: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (276)	AV: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (291)
E: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (248)	W: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (266)	AH: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (277)	AW: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (292)
K: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (254)	X: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (267)	AI: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (278)	AX: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (293)
L: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (255)	Y: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (268)	AJ: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (279)	AY: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (294)
M: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (256)	Z: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (269)	AK: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (280)	AZ: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (295)
N: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (257)	AA: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (270)	AL: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (281)	BA: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (296)
O: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (258)	AB: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (271)	AM: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (282)	BB: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (297)
P: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (259)	AC: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (272)	AN: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (283)	BI: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (304)
S: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (262)	AD: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (273)	AO: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (284)	BJ: Shadow Receiver: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (305)

SHADOW - Calendario per WTG, grafico

Calcolo: Analisi Ombreggiamento

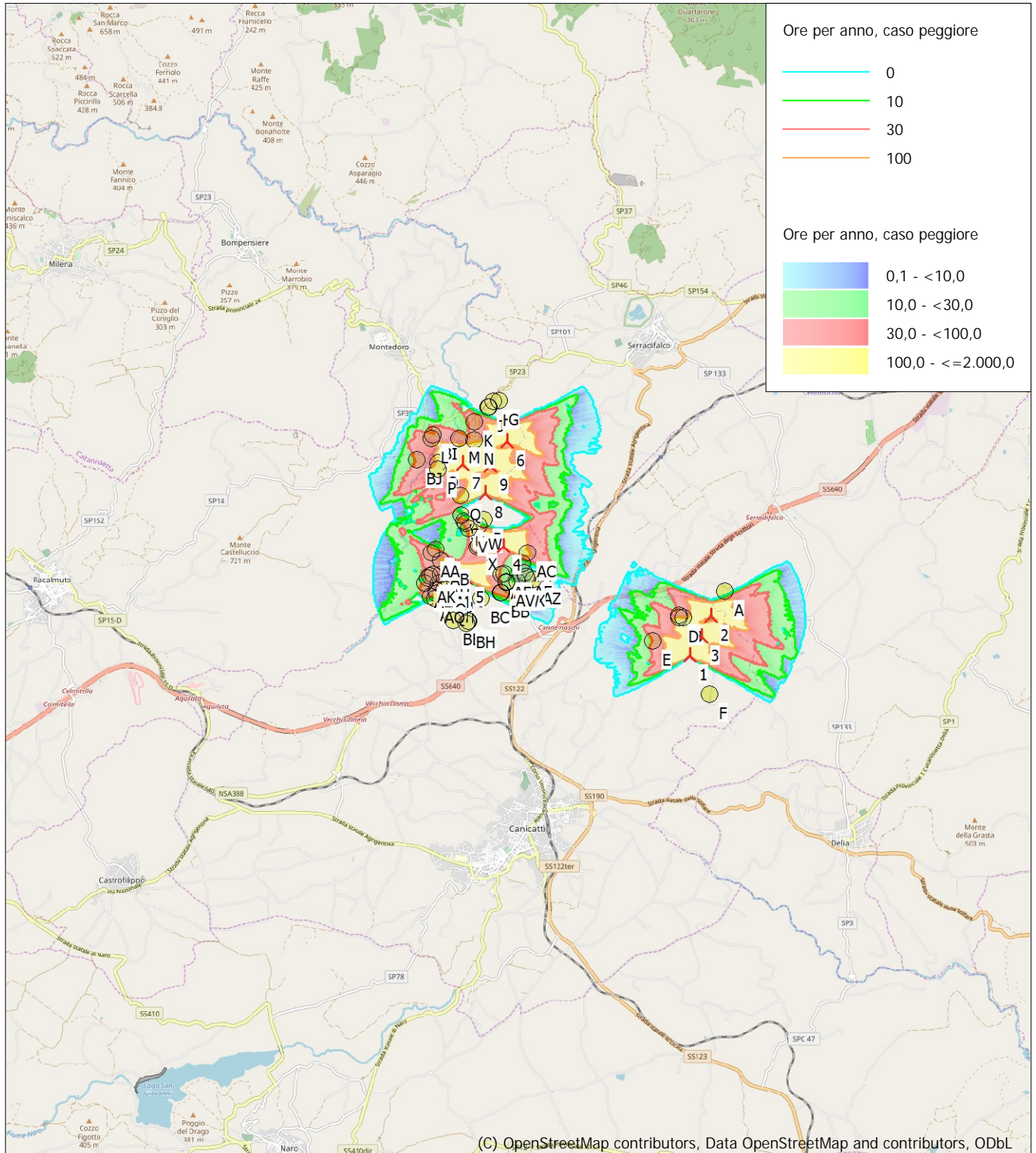


Recettori d'ombra

- | | | | |
|--|--|--|---|
| L: Shadow Receptor: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (255) | N: Shadow Receptor: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (257) | P: Shadow Receptor: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (259) | B: Shadow Receptor: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (304) |
| M: Shadow Receptor: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (256) | O: Shadow Receptor: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (258) | Q: Shadow Receptor: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (260) | BI: Shadow Receptor: 2.0 x 2.0 Azimuth: 0.0° Slope: 90.0° (305) |

SHADOW - Mappa

Calcolo: Analisi Ombreggiamento



(C) OpenStreetMap contributors, Data OpenStreetMap and contributors, ODbL

0 2,5 5 7,5 10km

Mappa: EMD OpenStreetMap , Scala di stampa 1:125.000, Centro mappa Geo WGS84 Est: 13,849695° E Nord: 37,408715° N

Nuova WTG Recettore d'ombra

Fonte altimetria: Height Contours: CONTOURLINE_ONLINEDATA_1.wpo (1)

Time step: 4 minuti, Day step: 14 giorni, Map resolution: 30 m, Visibility calculation: 15 m, Altezza dell'osservatore: 1,6 m