

Comune
di Corleto Perticara



Regione Basilicata



Provincia di Potenza



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PROGETTO PER LA REALIZZAZIONE DI UNA CENTRALE EOLICA DA 44,80 MW NEL COMUNE DI CORLETO PERTICARA (PZ)

Proponente: RWE RENEWABLES ITALIA S.R.L.

STUDI SHADOW FLICKERING

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1. PREMESSA

Lo “shadow flicker” (*sfarfallio dell’ombra*) è l’espressione comunemente impiegata per descrivere l’effetto stroboscopico delle ombre proiettate dalle pale rotanti degli aerogeneratori eolici su un punto di interesse, allorquando il sole si trova alle loro spalle.

Il fenomeno si traduce in una variazione alternata di intensità luminosa che, a lungo andare, può provocare fastidio agli occupanti delle abitazioni le cui finestre risultano esposte al fenomeno stesso. Il fenomeno, ovviamente, risulta assente sia quando il sole è oscurato da nuvole o nebbia, sia quando, in assenza di vento, le pale del generatore non sono in rotazione.

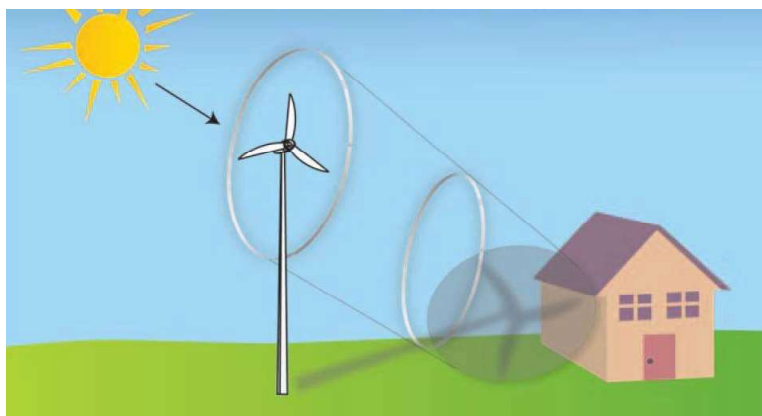
In particolare le frequenze che possono provocare un senso di fastidio sono comprese tra i 2,5 ed i 20 Hz (*Verkuijlen and Westra, 1984*).

Gli aerogeneratori utilizzati nel presente progetto hanno una velocità di rotazione di circa 12,1 giri/min e la frequenza di passaggio ($0,7 \div 1,5$ Hz) risulta di gran lunga inferiore ai 2,50 Hz ritenuti quale limite inferiore del range considerato fastidioso per l’individuo.

Le relazioni spaziali tra un aerogeneratore ed un ricettore (abitazione), così come la direzione del vento risultano essere fattori chiave per la durata del fenomeno di shadow flicker.

Per distanze dell’ordine dei 300 m, il fenomeno in esame potrebbe verificarsi all’alba oppure al tramonto, ovvero in quelle ore in cui le ombre risultano molto lunghe per effetto della piccola elevazione solare.

Al di là di una certa distanza l’ombra smette di essere un problema perché il rapporto tra lo spessore della pala ed il diametro del sole diventa molto piccolo. Quindi, come è facile immaginare, la condizione più penalizzante corrisponde al caso in cui il piano del rotore risulta ortogonale alla congiungente ricettore – sole; infatti, in tali condizioni, l’ombra proiettata darà origine ad un cerchio di diametro pari al rotore del generatore eolico.



Sebbene il fenomeno possa essere percepito anche all’esterno, esso risulta evidente e fastidioso in quegli ambienti con finestrate rivolte verso le ombre. In generale, l’area soggetta a shadow flicker non si estende oltre i 500÷1000 m dall’aerogeneratore e le zone a maggiore impatto ricadono entro i 300 m di distanza dalle macchine con durata del fenomeno dell’ordine delle 200 ore all’anno; il flickering, se presente, non supera in genere i 20/30 minuti di durata nell’arco di una giornata.

La presente relazione tecnica ha lo scopo di stimare le aree interessate dalla possibile presenza del fenomeno rispetto agli aerogeneratori costituenti il parco eolico in progetto.

Tale stima determina quindi delle zone d’interesse, valutate in ragione delle ore/anno in cui il fenomeno può verificarsi, al fine di determinare l’interazione di dette zone con possibili ricettori sensibili presenti (*abitazioni ed edifici*).

2. CRITERIO DI STIMA DELL'EFFETTO SHADOW FLICKERING

Per la stima dello scado flickering, effettuata secondo lo standard "Hinweise zur Ermittlung und Beurteilung der optischen Immissionen von Windenergieanlagen (WEA-Shadowwurf-Hinweise)" è necessario in primo luogo determinare il percorso solare nella latitudine di riferimento della turbina.

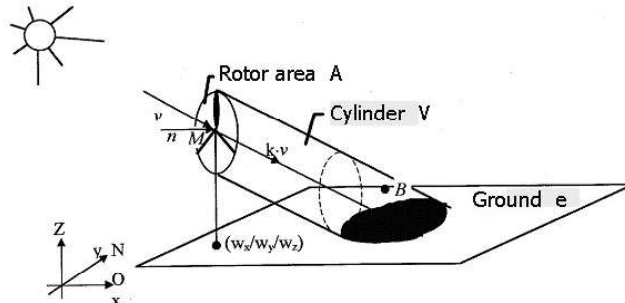


Fig. 1 - schematizzazione effetto shadow flickering

Per individuare ad un certo istante dell'anno la posizione del sole nel cielo in una determinata località è necessario definire alcuni angoli caratteristici:

- **altezza o altitudine solare α** : angolo formato tra la direzione dei raggi solari ed il piano orizzontale;
- **l'angolo zenitale z** : angolo formato tra i raggi solari e la direzione dello zenit (complementare all'angolo α);
- **l'azimut solare a** : angolo formato tra la posizione sul piano orizzontale dei raggi solari e la direzione sud;
- **l'angolo orario h** : distanza angolare tra il sole e la sua posizione a mezzogiorno lungo la sua traiettoria apparente sulla volta celeste;
- **latitudine L** : angolo che la retta passante per la località considerata ed il centro della terra forma con il piano dell'equatore;
- **declinazione solare δ** : angolo che la direzione dei raggi solari forma a mezzogiorno, sul meridiano considerato, col piano equatoriale.

La posizione istantanea del sole, definita dall'altezza solare α e dall'azimut solare a , è valutabile per mezzo delle relazioni:

$$\begin{aligned} \sin \alpha &= \sin L * \sin \delta + \cos L * \cos \delta * \cos h \\ \sin a &= (\cos \delta * \sin h) / \cos \alpha \end{aligned}$$

poiché l'azimut solare può assumere valori maggiori di 90° , mentre la funzione arcoseno fornisce per convenzione valori di a compresi tra -90° e $+90^\circ$, è necessario, in questi casi, apporre delle correzioni ai valori calcolati.

La declinazione solare δ è invece calcolata per mezzo della relazione approssimata di Cooper (*Solar Energy 1969 - The Absorption of Solar Radiation in Solar Stills*):

$$\delta = 23,45 \sin [360 * (284 + n) / 365] \text{ con } n \text{ l'ennesimo giorno dell'anno.}$$

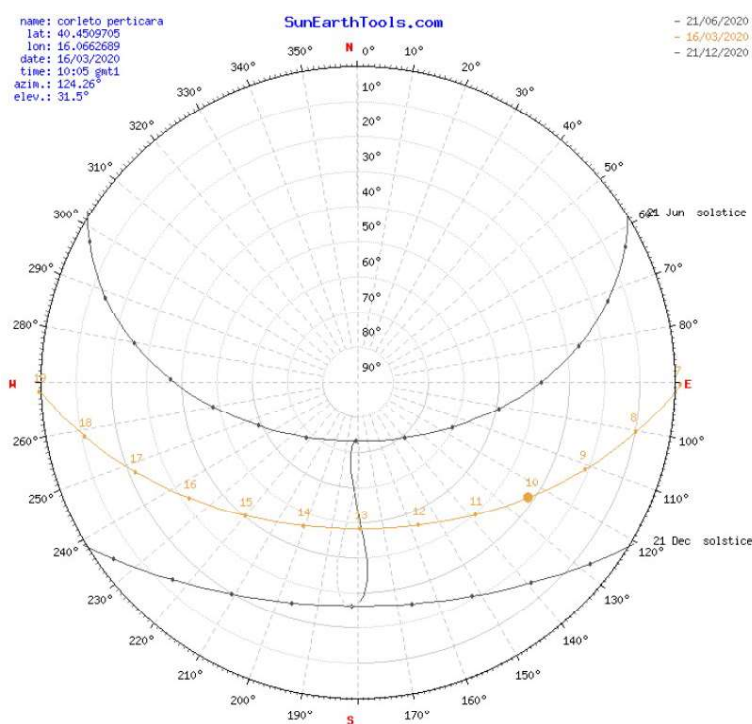
È possibile visualizzare, per mezzo di un diagramma polare, le traiettorie del sole nel corso dell'anno per una determinata località. Il diagramma, che è una proiezione delle traiettorie del sole sul piano orizzontale, è ottenibile

grafitando i valori dell'altezza solare e dell'azimut, calcolati con le precedenti relazioni e per la località considerata, in funzione del tempo solare e della declinazione.

Per mezzo di questi diagrammi è possibile determinare i periodi di tempo nei quali un punto di una superficie rimane in ombra a causa di ostacoli che intercettano i raggi del sole (*come in particolare le lame della turbina eolica*). Quando la distanza dell'ostacolo è grande rispetto alle dimensioni del ricevitore (*ad esempio una finestra*) è lecito considerare il ricevitore come puntiforme, poiché l'ombra tende a muoversi rapidamente sul ricevitore, che risulta pertanto completamente in ombra o completamente illuminato.

Per determinare quando l'ostacolo intercetta i raggi solari, bisogna rappresentare nel diagramma delle traiettorie solari la forma angolare dell'ostacolo come vista dal punto considerato, plottando su di esso l'azimut e l'altezza angolare dei punti del contorno con l'ostacolo stesso.

Di seguito si riporta il diagramma delle traiettorie solari definito per la località in cui ricade il parco eolico in progetto.



La stima dell'impatto dello scado flickering viene confrontata con le linee guida "Hinweise zur Ermittlung und Beurteilung der optischen Immissionen von Windenergieanlagen (WEA-Schattenwurf-Hinweise - unico riferimento presente)" che definisce i limiti per l'ombreggiamento:

- *angolo minimo del sole rispetto all'orizzonte $\geq 3^\circ$;*
- *percentuale minima di copertura del sole della pala $\geq 20\%$;*
- *valore limite inferiore con effetto trascurabile in termini di ore/anno in cui può verificarsi il fenomeno: 30 ore/anno di ombra astronomica;*
- *valore limite superiore con effetti sensibili in termini di ore/anno in cui può verificarsi il fenomeno: 100 ore/anno di ombra astronomica;*
- *distanza massima con effetti sensibili: 1 km dalla turbina (dato di letteratura).*

Inoltre, essendo di complessa definizione analitica, vengono considerate alcune semplificazioni a vantaggio di sicurezza quali:

- *turbina sempre in rotazione;*
- *rotore sempre orientato ortogonalmente all'asse sole-ricettore;*
- *non vengono considerati ostacoli tra turbina e ricettore quali schermi, alberi, fabbricati ecc;*
- *ricettori orientati verso la turbina*
- *ventosità massima della turbina con conseguente raggiungimento del valore massimo di frequenza del fenomeno.*

Altro importante parametro è rappresentato dall'eliofania. Esso esprime la durata media del soleggiamento astronomico (*periodo intercorrente tra alba e tramonto*) durante l'anno, corretti in funzione delle caratteristiche topografiche del luogo e dalla nuvolosità media che si registra nello specifico luogo.

La stima dell'effetto shadow flinckering considera sia l'effetto relativo al soleggiamento astronomico, che quello relativo all'eliofania locale, evidenziando che in entrambi i casi non sono riscontrabili fenomeni oltre i valori consigliati. Alla luce di quanto esposto, al fine di poter eseguire una stima della possibile interferenza tra l'effetto flickering cagionato da una turbina su un possibile ricettore sensibile, vengono sovrapposte alla cartografia tecnica i diagrammi dell'evoluzione dell'effetto shadow flickering annuale e valutare quindi le possibili conseguenze sugli specifici ricettori interessati e conseguentemente individuare le possibili misure di mitigazione del fenomeno.

Tali misure potranno essere definite per ciascuna singola fattispecie; in via preliminare, e del tutto indicativa, si ritiene che queste possano essere strutturali (*siepi di protezione, barriere visive, alberature, tendaggi, blocco aerogeneratori in occorrenza del fenomeno*), ovvero non strutturali (*compensazione per mancata fruizione*).

3. ANALISI DEL FENOMENO E STIMA DELLE INTERFERENZE

Nella tabella che segue sono riportate coordinate puntuali dei singoli aerogeneratori, espresse nei sistemi di riferimento UTM WGS84 - fuso 33 N e GAUSS-BOAGA - Roma 40 fuso EST:

COORDINATE DEI VERTICI Sistema UTM WGS84 – Fuso 33 N			COORDINATE DEI VERTICI Sistema GAUSS – BOAGA – Roma 40 fuso EST		
WTG 01	589676	4476222	WTG 01	2609684	4476227
WTG 02	589612	4475065	WTG 02	2609620	4475070
WTG 03	589928	4474523	WTG 03	2609936	4474528
WTG 04	590657	4474168	WTG 04	2610665	4474173
WTG 05	590894	4473268	WTG 05	2610902	4473273
WTG 06	590996	4472211	WTG 06	2611004	4472216
WTG 07	590348	4471987	WTG 07	2610356	4471992
WTG 08	590410	4471377	WTG 08	2610418	4471382

Coordinate degli aerogeneratori in progetto nei sistemi piani UTM WGS84 33N e Gauss-Boaga Roma 40 Est

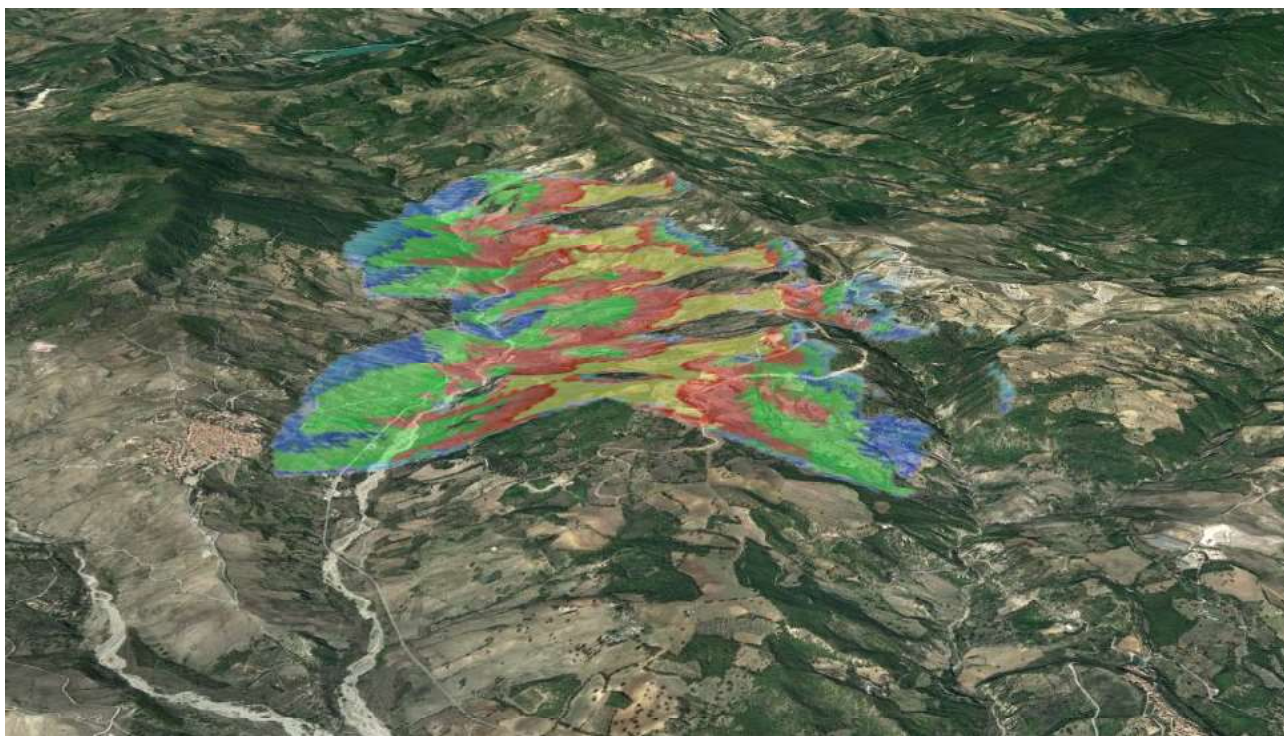
Al fine di verificare la sussistenza del fenomeno dello shadow flickering, sono state effettuate simulazioni in considerazione.

- *Diagramma solare riferito alla latitudine di realizzazione del parco*
- *Altezza complessiva dell'aerogeneratore comprensiva della pala*
- *Orientamento rispetto al recettore*
- *Posizione del sole*
- *Altezza minima sull'orizzonte 3°*
- *Probabilità di sole per Palinuro (che dista circa 80 km dal sito in oggetto).*

gen	feb	mar	apr	mag	giu	lug	ago	set	ott	nov	dic
4,21	4,83	5,24	6,37	6,76	8,17	9,01	9,23	7,23	4,84	4,00	3,3

- *Ore di funzionamento dell'impianto in base a dati statistici (2.000 ore)*
- *Non sono stati considerati ostacoli tra il recettore e la turbina eolica*
- *La simulazione è stata condotta non considerando l'orografia dei luoghi*

Al fine di valutare le possibili interferenze tra l'effetto shadow flickering delle turbine ed i ricettori sensibili è stata eseguita una scrupolosa analisi dei fabbricati presenti nell'area di interesse di cui se ne riporta l'estratto tabellare con le relative coordinate e la loro destinazione d'uso:



RICETTORI SENSIBILI

fid	X	y	Foglio	Particella	Categoria	Ore anno (caso peggiore)	Ore anno (valore atteso)	Note
1	589789	4475746	16	106	D/10 PT; C/2 S1-T; A/2 T-1	0	0	
3	591105	4474040	27	306	A/4	0	0	
4	590410	4474600	26	1080	A/3	110,29	10,14	
5	590407	4474597	26	1079	A/3 T-1	115,22	10,42	
6	590441	4474571	26	223	A/4	113,18	11,46	
7	590547	4474902	25	146	A/4 P1 - C/2 PT	0	0	
8	590564	4474888	25	150	C/2 PR - A/3 T-1	0	0	
9	589190	4474003	24	125	A/4	6,14	0,25	
10	591227	4472859	37	74	A/4 P1; C/2 PT	0	0	
11	590510	4472451	38	219	A/2 PT; C/2 PT; C/2 PT; A/2 P1-2	92,56	9,28	
12	590238	4472531	39	255	C/2 PT; A/4 P1	59,01	6,38	
13	590808	4470691	72	212	A/2 T-1; C/2 PT	0	0	
14	590759	4470653	72	180	A/3	0	0	
15	590561	4470596	72	215	A/4	0	0	
16	590010	4472753	39	225	C/2 PT; C/6 PT; A/4 P1	18,03	1,35	
17	589774	4470882	73	979	A/4	0	0	
18	589349	4471461	73	98	C/6 PT; A/4 PT; C/2 PT; C/2 P1	16,14	0,15	
19	591480	4473714	27	319	C/6 PT; A/4 PT; C/2 T-1	0	0	
20	588650	4475884	4	248	A/3	14,16	1,22	
1	589876	4475751	16	111	D/10	0	0	
2	589771	4475765	16	109	D/10	0	0	
3	590160	4475035	25	166	D/10	4,05	0,02	
4	590163	4474997	25	163	D/10	0,06	0	
5	591074	4474135	27	313	D/10	18,45	0,16	
6	589827	4475774	16	106	D/10 PT; C/2 S1-T; A/2 T-1	0	0	
7	590737	4470720	72	216	D/10	0	0	
0	589737	4474342	24	14	Fabb. Rurale	25,27	1,2	Fabbricato diroccato
1	591495	4473739	27	296	Fabb. Rurale	0	0	
2	591022	4471923	69	23	Fabb. Rurale	15,02	1,27	
3	591059	4471744	69	35	Fabb. Rurale	41,33	3,19	
4	591300	4471781	71	4	Fabb. Rurale	19,04	1,19	
5	591496	4473797	27	217	Fabb. Rurale	0	0	
6	588801	4476196	4	57	Fabb. Rurale	7,27	0,02	

4. CONCLUSIONI

L'effetto dello shadow flickering sui potenziali ricettori presenti nell'area è trascurabile, poiché

- Si presenta per periodi limitati dell'anno;
- Si presenta per un periodo molto limitato di minuti durante la giornata, tipicamente tra le 6 e le 7 del mattino o tra le 7 e le otto del mattino, e tipicamente per circa mezz'ora;
- Inoltre studi scientifici hanno accertato che frequenze inferiori a 10 Hz non hanno alcuna correlazione con attacchi di natura epilettica, mentre nel caso in esame l'effetto dell'ombra ha nel caso peggiore una frequenza di 0.8 Hz.

I ricettori sensibili (abitazioni ed edifici ad uso agricolo D10) sono tutti interferenti con il fenomeno per un periodo inferiore a 50 ore/anno ad esclusione dei ricettori identificati nel primo gruppo come fid 4 (cat. A3), 5 (cat- A3) ,6 (cat.

A4), 11 (cat. A4), 12 (A2). In ogni caso l'effetto può considerarsi trascurabile per via della scarsa durata del fenomeno che si riduce, nel caso reale considerando l'eliofania locale, a poche ore l'anno.

Al fine di limitare ulteriormente il verificarsi di tali fenomeni di shadow flickering sui ricettori presenti sono comunque praticabili opere di mitigazione quali: piantumazione di alberi o piante sempre verdi prospicienti alle aperture finestrate degli edifici qualora rivolte verso gli aerogeneratori.

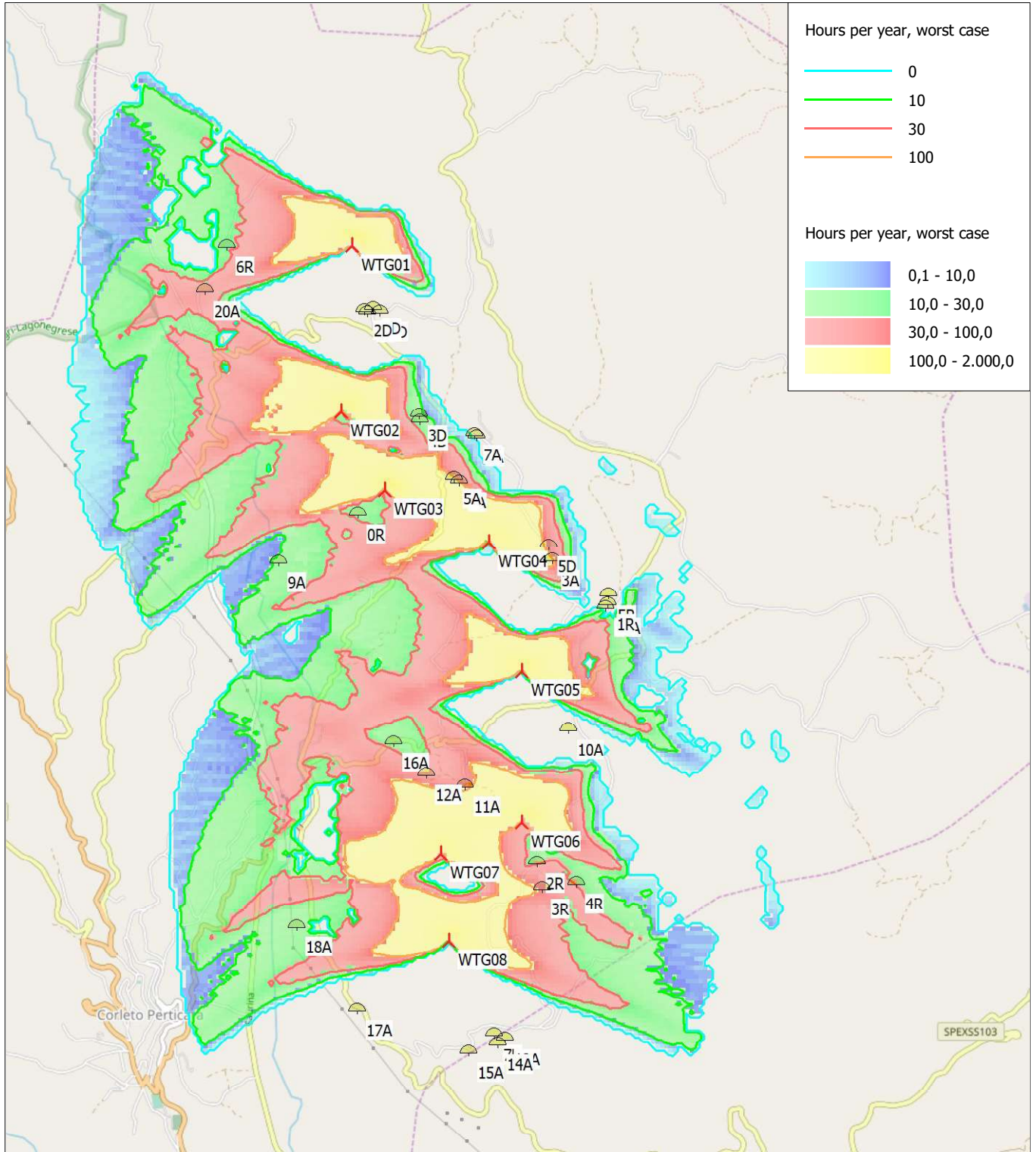
È interessato dal fenomeno un tratto della strada Saurina che si trova ad una distanza superiore a 1200 metri (*e per un numero di ore che nel caso peggiore non supera le 30 ore per un tratto di circa 120 metri*), per cui riteniamo che anche in questo caso l'effetto dello shadow flickering, sia irrilevante.

I tecnici:

arch. Carmine D'Occhio

Ing. Giuseppe De Blasis

SHADOW - Mappa



0 500 1000 1500 2000 m

Mappa: EMD OpenStreetMap , Scala di stampa 1:40.000, Centro mappa Geo WGS84 Est: 16,070199° E Nord: 40,410437° N

Nuova WTG

Recettore d'ombra

Flicker map level: Elevation Grid Data Object: corleto perticara_EMDGrid_0.wpg (3)

SHADOW - Risultato principale

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

Probabilità di eliofanìa (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
 4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
 3.000 3.000

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: Elevation Grid Data Object: corleto perticara_EMDGr

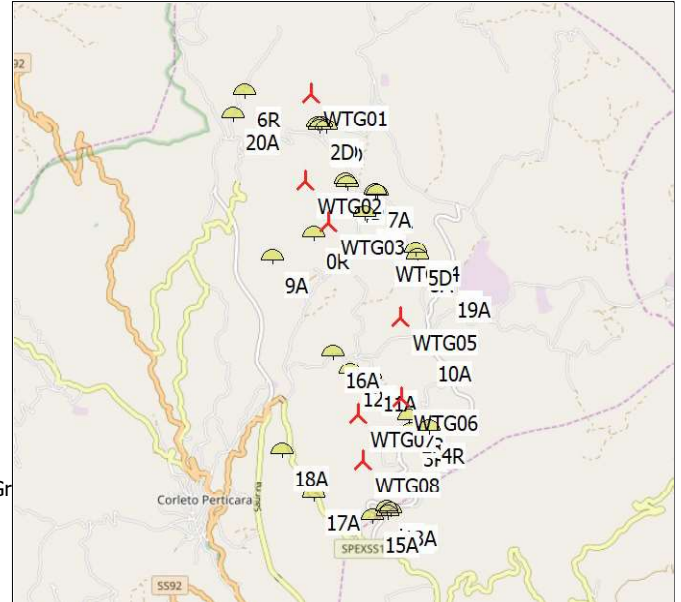
Ostacoli usati:

Eye height for map: 1,5 m

Risoluzione del grigliato: 1,0 m

All coordinates are in

Geo [deg]-WGS84



Scala 1:100.000
 Nuova WTG Recettore d'ombra

WTG

	Longitude	Latitude	Z	Dati/Descrizione	Tipo di WTG		Tipo generatore	Potenza nominale	Diametro rotore	Altezza mozzo	Dati di ombra	
					Valida	Prod.					Distanza di calcolo	giri/min
			[m]					[kW]	[m]	[m]	[m]	[giri/min]
WTG01	16,057246° E	40,431803° N	970,4	VESTAS V150-5.... Sì	VESTAS	V150-5.6-5.600	5.600	150,0	105,0	1.902	0,0	
WTG02	16,056332° E	40,421388° N	856,4	VESTAS V150-5.... Sì	VESTAS	V150-5.6-5.600	5.600	150,0	105,0	1.902	0,0	
WTG03	16,059971° E	40,416472° N	836,8	VESTAS V150-5.... Sì	VESTAS	V150-5.6-5.600	5.600	150,0	105,0	1.902	0,0	
WTG04	16,068493° E	40,413181° N	950,4	VESTAS V150-5.... Sì	VESTAS	V150-5.6-5.600	5.600	150,0	105,0	1.902	0,0	
WTG05	16,071186° E	40,405066° N	899,1	VESTAS V150-5.... Sì	VESTAS	V150-5.6-5.600	5.600	150,0	105,0	1.902	0,0	
WTG06	16,071214° E	40,395578° N	917,6	VESTAS V150-5.... Sì	VESTAS	V150-5.6-5.600	5.600	150,0	105,0	1.902	0,0	
WTG07	16,064593° E	40,393586° N	862,2	VESTAS V150-5.... Sì	VESTAS	V150-5.6-5.600	5.600	150,0	105,0	1.902	0,0	
WTG08	16,065212° E	40,388086° N	888,1	VESTAS V150-5.... Sì	VESTAS	V150-5.6-5.600	5.600	150,0	105,0	1.902	0,0	

Recettore d'ombra-Immissione dati

n.	Longitude	Latitude	Z	Ampiezza	Altezza	Elevation	Gradi Sud	Inclinazione della finestra	Modo orientazione	Eye height for ZVI
			[m]	[m]	[m]	a.g.l. [m]	[°]	[°]		[m]
0R	16,057704° E	40,414866° N	784,5	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
10A	16,075044° E	40,401347° N	970,2	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
11A	16,066546° E	40,397751° N	819,9	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
12A	16,063351° E	40,398498° N	756,2	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
13A	16,069805° E	40,381865° N	796,9	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
14A	16,069219° E	40,381526° N	783,4	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
15A	16,066873° E	40,381033° N	770,7	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
16A	16,060696° E	40,400524° N	703,0	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
17A	16,057653° E	40,383695° N	670,5	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
18A	16,052720° E	40,388959° N	593,7	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
19A	16,078151° E	40,409022° N	986,9	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
1A	16,058508° E	40,427508° N	981,5	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
1D	16,059542° E	40,427545° N	993,5	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
1R	16,078326° E	40,409244° N	984,7	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
20A	16,045100° E	40,428876° N	818,5	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
2D	16,058298° E	40,427679° N	977,5	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
2R	16,072493° E	40,392938° N	942,0	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
3A	16,073777° E	40,412000° N	1.012,4	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
3D	16,062778° E	40,421067° N	958,2	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
3R	16,072905° E	40,391324° N	919,4	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0

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SHADOW - Risultato principale

... continua dalla pagina precedente

n.	Longitude	Latitude	Z	Ampiezza	Altezza	Elevation a.g.l.	Gradi Sud	Inclinazione della finestra	Modo orientazione	Eye height for ZVI
			[m]	[m]	[m]	[m]	[°]	[°]		[m]
4A	16,065669° E	40,417114° N	902,8	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
4D	16,062808° E	40,420720° N	951,9	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
4R	16,075755° E	40,391629° N	909,3	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
5A	16,065632° E	40,417093° N	901,9	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
5D	16,073432° E	40,412858° N	1.014,5	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
5R	16,078355° E	40,409770° N	990,2	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
6A	16,066030° E	40,416849° N	905,3	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
6D	16,058968° E	40,427758° N	988,2	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
6R	16,046924° E	40,431671° N	913,7	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
7A	16,067323° E	40,419824° N	976,7	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
7D	16,068966° E	40,382130° N	791,0	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
8A	16,067518° E	40,419691° N	976,7	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0
9A	16,051202° E	40,411873° N	690,2	1,0	1,0	1,0	0,0	90,0	Monodirezionale	2,0

Risultati dei calcoli

Recettore d'ombra

Ombra, caso peggiore

Ombra, valore atteso

n.	Ore d'ombra per anno	Giorni con ombra per anno	Massima durata dell'ombra per giorno	Ore d'ombra per anno
	[ore/anno]	[giorni/anno]	[ore/giorno]	[ore/anno]
0R	25:27	69	0:35	1:20
10A	0:00	0	0:00	0:00
11A	92:56	122	1:07	9:28
12A	59:01	99	0:47	6:38
13A	0:00	0	0:00	0:00
14A	0:00	0	0:00	0:00
15A	0:00	0	0:00	0:00
16A	18:03	44	0:32	1:35
17A	0:00	0	0:00	0:00
18A	16:14	42	0:30	0:15
19A	0:00	0	0:00	0:00
1A	0:00	0	0:00	0:00
1D	0:00	0	0:00	0:00
1R	0:00	0	0:00	0:00
20A	14:16	42	0:26	1:22
2D	0:00	0	0:00	0:00
2R	15:02	46	0:31	1:27
3A	0:00	0	0:00	0:00
3D	4:05	31	0:14	0:02
3R	41:33	96	0:45	3:19
4A	110:29	151	1:06	10:14
4D	0:06	4	0:02	0:00
4R	19:04	54	0:33	1:19
5A	115:22	157	1:07	10:42
5D	18:45	60	0:32	0:16
5R	0:00	0	0:00	0:00
6A	113:18	153	1:14	11:46
6D	0:00	0	0:00	0:00
6R	7:27	33	0:20	0:02
7A	0:00	0	0:00	0:00
7D	0:00	0	0:00	0:00
8A	0:00	0	0:00	0:00
9A	6:14	25	0:19	0:25

Ombreggiamento totale sui recettori d'ombra causato da ciascuna WTG

n.	Nome	Caso peggiore [ore/anno]	Atteso [ore/anno]
WTG01	VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (13)	7:27	0:02
WTG02	VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (14)	18:21	1:25
WTG03	VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (15)	52:56	1:22
WTG04	VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (16)	122:38	12:07
WTG05	VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (17)	11:10	0:55

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SHADOW - Risultato principale

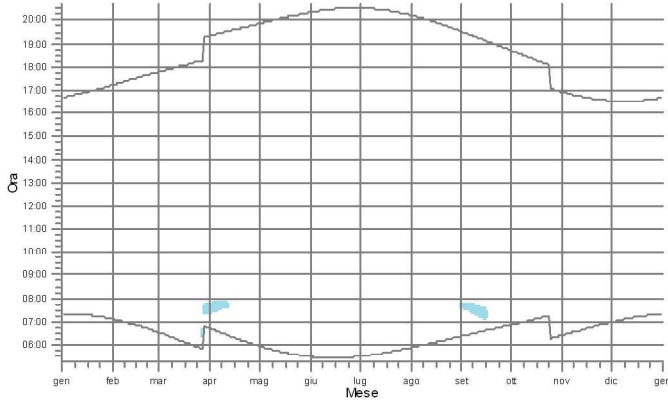
... continua dalla pagina precedente

n.	Nome	Caso peggiore [ore/anno]	Atteso [ore/anno]
WTG06	VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (18)	90:54	7:48
WTG07	VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (19)	45:11	6:25
WTG08	VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (20)	80:18	5:25

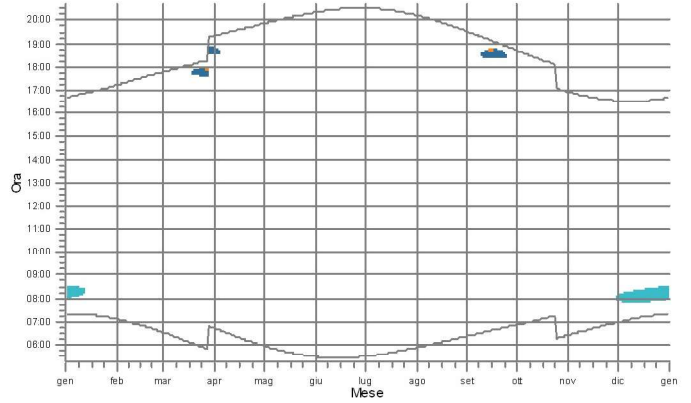
Total times in Receptor wise and WTG wise tables can differ, as a WTG can lead to flicker at 2 or more receptors simultaneously and/or receptors may receive flicker from 2 or more WTGs simultaneously.

SHADOW - Calendario per WTG, grafico

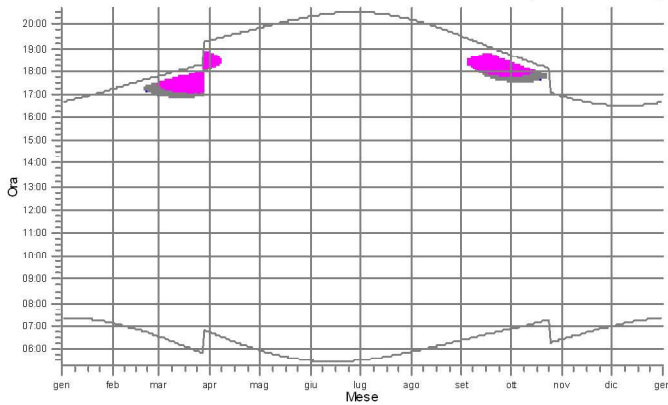
WTG01: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (



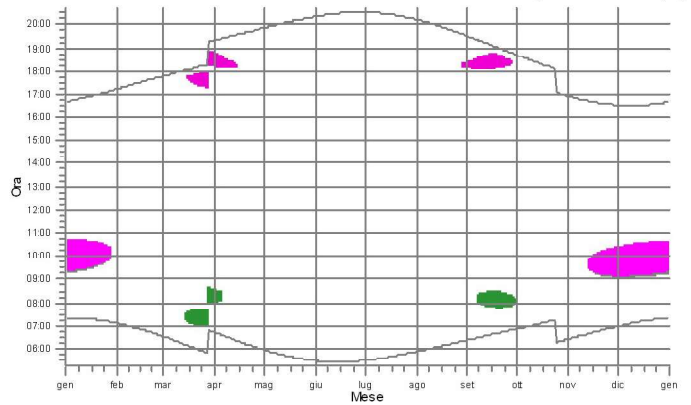
WTG02: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (



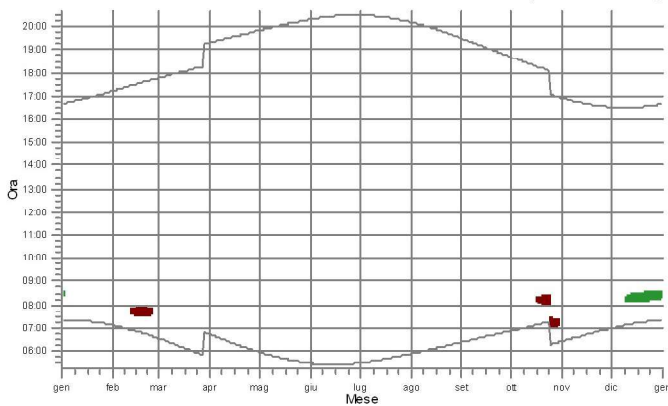
WTG03: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (



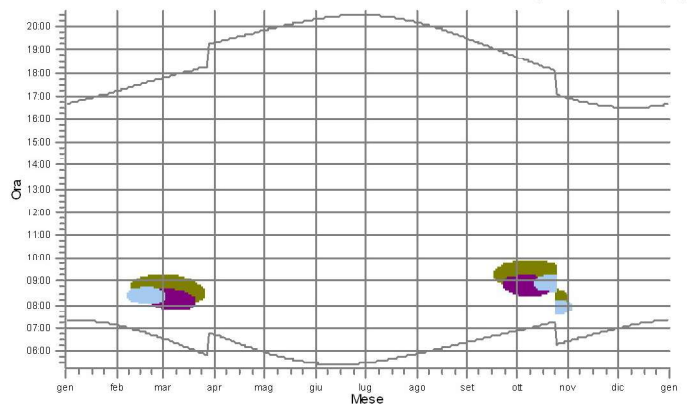
WTG04: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (
















WTG05: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (



WTG06: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (

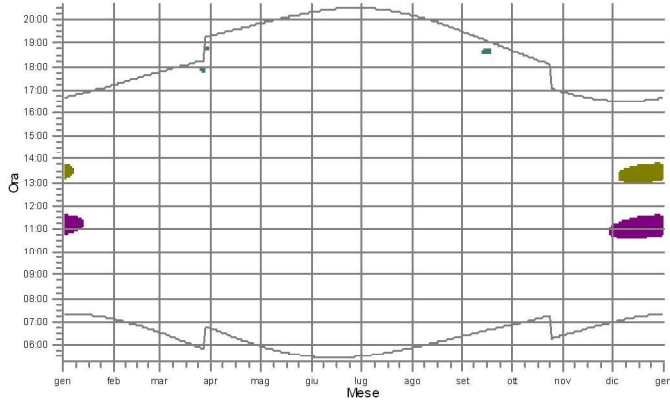


Recettori d'ombra

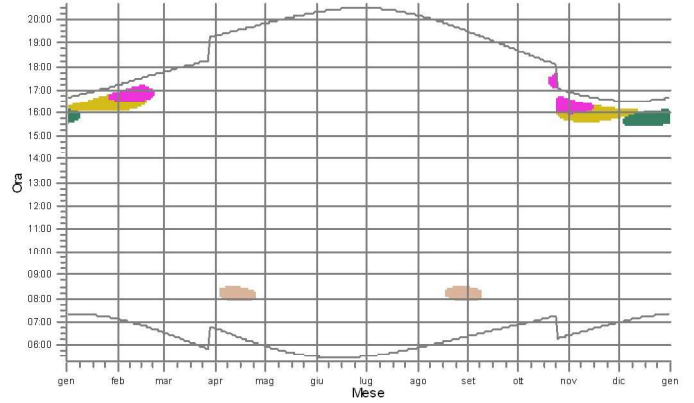
 4A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (65)	 12A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (73)	 5D: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (86)
 5A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (66)	 16A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (77)	 0R: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (89)
 6A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (67)	 20A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (81)	 6R: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (95)
 9A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (70)	 3D: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (84)	
 11A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (72)	 4D: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (85)	

SHADOW - Calendario per WTG, grafico







WTG07: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (



WTG08: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (



Recettori d'ombra

- | | | |
|---|---|--|
|  11A: Shadow Receptor: 1,0 x 1,0 Azimuth: 0,0° Slope: 90,0° (72) |  18A: Shadow Receptor: 1,0 x 1,0 Azimuth: 0,0° Slope: 90,0° (79) |  3R: Shadow Receptor: 1,0 x 1,0 Azimuth: 0,0° Slope: 90,0° (92) |
|  12A: Shadow Receptor: 1,0 x 1,0 Azimuth: 0,0° Slope: 90,0° (73) |  2R: Shadow Receptor: 1,0 x 1,0 Azimuth: 0,0° Slope: 90,0° (91) |  4R: Shadow Receptor: 1,0 x 1,0 Azimuth: 0,0° Slope: 90,0° (93) |

SHADOW - Calendario per WTG

WTG: WTG01 - VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (13)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre		
1	07:19	07:07	06:32	06:42	07:25-07:44/19	05:57	05:29	05:29	05:53	06:23	07:39-07:44/5	06:52	06:25	06:59
	16:40	17:13	17:47	19:20		19:51	20:20	20:31	20:12	19:30		18:40	16:54	16:31
2	07:20	07:06	06:30	06:40	07:26-07:45/19	05:56	05:28	05:30	05:54	06:24	07:37-07:44/7	06:53	06:26	07:00
	16:41	17:15	17:48	19:21		19:52	20:20	20:30	20:11	19:28		18:38	16:53	16:30
3	07:20	07:05	06:29	06:38	07:28-07:46/18	05:54	05:28	05:30	05:55	06:25	07:35-07:44/9	06:54	06:27	07:01
	16:41	17:16	17:49	19:22		19:53	20:21	20:30	20:10	19:27		18:37	16:52	16:30
4	07:20	07:04	06:27	06:37	07:30-07:46/16	05:53	05:27	05:31	05:55	06:25	07:33-07:43/10	06:55	06:28	07:02
	16:42	17:17	17:50	19:23		19:54	20:22	20:30	20:09	19:25		18:35	16:51	16:30
5	07:20	07:03	06:25	06:35	07:32-07:47/15	05:52	05:27	05:31	05:56	06:26	07:31-07:43/12	06:56	06:30	07:03
	16:43	17:18	17:51	19:24		19:55	20:23	20:30	20:08	19:23		18:34	16:50	16:30
6	07:20	07:02	06:24	06:34	07:33-07:46/13	05:51	05:27	05:32	05:57	06:27	07:29-07:42/13	06:57	06:31	07:04
	16:44	17:20	17:52	19:25		19:56	20:23	20:30	20:07	19:22		18:32	16:49	16:30
7	07:20	07:01	06:22	06:32	07:34-07:46/12	05:49	05:26	05:32	05:58	06:28	07:27-07:42/15	06:58	06:32	07:05
	16:45	17:21	17:53	19:26		19:57	20:24	20:29	20:05	19:20		18:30	16:47	16:30
8	07:20	07:00	06:21	06:30	07:36-07:46/10	05:48	05:26	05:33	05:59	06:29	07:25-07:41/16	06:59	06:33	07:06
	16:46	17:22	17:55	19:27		19:58	20:24	20:29	20:04	19:18		18:29	16:46	16:30
9	07:20	06:58	06:19	06:29	07:37-07:46/9	05:47	05:26	05:34	06:00	06:30	07:23-07:40/17	07:00	06:34	07:07
	16:47	17:23	17:56	19:28		19:59	20:25	20:29	20:03	19:17		18:27	16:45	16:30
10	07:19	06:57	06:18	06:27	07:39-07:46/7	05:46	05:26	05:34	06:01	06:31	07:20-07:38/18	07:01	06:35	07:08
	16:48	17:24	17:57	19:29		20:00	20:26	20:28	20:02	19:15		18:26	16:44	16:30
11	07:19	06:56	06:16	06:26	07:40-07:45/5	05:45	05:26	05:35	06:02	06:32	07:18-07:37/19	07:02	06:37	07:09
	16:49	17:26	17:58	19:30		20:01	20:26	20:28	20:00	19:14		18:24	16:43	16:30
12	07:19	06:55	06:14	06:24	07:42-07:45/3	05:44	05:26	05:36	06:03	06:33	07:15-07:35/20	07:03	06:38	07:09
	16:50	17:27	17:59	19:31		20:02	20:27	20:27	19:59	19:12		18:22	16:42	16:30
13	07:19	06:54	06:13	06:23		05:43	05:25	05:36	06:04	06:34	07:13-07:33/20	07:04	06:39	07:10
	16:51	17:28	18:00	19:32		20:03	20:27	20:27	19:58	19:10		18:21	16:42	16:30
14	07:18	06:52	06:11	06:21		05:42	05:25	05:37	06:05	06:35	07:11-07:31/20	07:05	06:40	07:11
	16:52	17:29	18:01	19:33		20:04	20:27	20:26	19:56	19:09		18:19	16:41	16:30
15	07:18	06:51	06:10	06:19		05:41	05:25	05:38	06:06	06:36	07:12-07:28/16	07:06	06:41	07:12
	16:53	17:30	18:02	19:34		20:05	20:28	20:26	19:55	19:07		18:18	16:40	16:30
16	07:18	06:50	06:08	06:18		05:40	05:25	05:39	06:07	06:37	07:16-07:23/7	07:07	06:42	07:12
	16:55	17:32	18:03	19:35		20:06	20:28	20:25	19:54	19:05		18:16	16:39	16:31
17	07:17	06:49	06:06	06:16		05:39	05:25	05:40	06:08	06:38		07:08	06:44	07:13
	16:56	17:33	18:04	19:36		20:07	20:29	20:25	19:52	19:04		18:15	16:38	16:31
18	07:17	06:47	06:05	06:15		05:38	05:26	05:40	06:09	06:39		07:09	06:45	07:14
	16:57	17:34	18:05	19:37		20:08	20:29	20:24	19:51	19:02		18:13	16:37	16:31
19	07:16	06:46	06:03	06:13		05:37	05:26	05:41	06:10	06:40		07:10	06:46	07:14
	16:58	17:35	18:06	19:38		20:09	20:29	20:23	19:50	19:00		18:12	16:37	16:32
20	07:16	06:45	06:01	06:12		05:36	05:26	05:42	06:11	06:41		07:12	06:47	07:15
	16:59	17:36	18:07	19:40		20:10	20:30	20:23	19:48	18:58		18:10	16:36	16:32
21	07:15	06:43	06:00	06:11		05:36	05:26	05:43	06:12	06:42		07:13	06:48	07:15
	17:00	17:38	18:08	19:41		20:11	20:30	20:22	19:47	18:57		18:09	16:35	16:32
22	07:14	06:42	05:58	06:09		05:35	05:26	05:44	06:13	06:43		07:14	06:49	07:16
	17:01	17:39	18:09	19:42		20:11	20:30	20:21	19:45	18:55		18:08	16:35	16:33
23	07:14	06:40	05:56	06:08		05:34	05:26	05:44	06:14	06:44		07:15	06:51	07:16
	17:03	17:40	18:11	19:43		20:12	20:30	20:20	19:44	18:53		18:06	16:34	16:33
24	07:13	06:39	05:55	06:06		05:33	05:27	05:45	06:15	06:45		07:16	06:52	07:17
	17:04	17:41	18:12	19:44		20:13	20:30	20:20	19:42	18:52		18:05	16:34	16:34
25	07:12	06:37	05:53	06:05		05:33	05:27	05:46	06:16	06:46		06:17	06:53	07:17
	17:05	17:42	18:13	19:45		20:14	20:30	20:19	19:41	18:50		17:03	16:33	16:35
26	07:12	06:36	05:52	06:03		05:32	05:27	05:47	06:17	06:47		06:18	06:54	07:18
	17:06	17:43	18:14	19:46		20:15	20:31	20:18	19:39	18:48		17:02	16:33	16:35
27	07:11	06:35	05:50	06:02		05:31	05:28	05:48	06:18	06:48		06:19	06:55	07:18
	17:07	17:44	18:15	19:47		20:16	20:31	20:17	19:38	18:47		17:01	16:32	16:36
28	07:10	06:33	05:48	06:23-06:38/15	06:01	05:31	05:28	05:49	06:19	06:49		06:20	06:56	07:18
	17:09		18:16	19:48		20:17	20:31	20:16	19:36	18:45		16:59	16:32	16:37
29	07:09		06:47	07:21-07:40/19	05:59	05:30	05:28	05:50	06:20	06:50		06:22	06:57	07:19
	17:10		19:17	19:49		20:17	20:31	20:15	19:35	18:43		16:58	16:31	16:37
30	07:09		06:45	07:22-07:42/20	05:58	05:30	05:29	05:51	06:21	06:51		06:23	06:58	07:19
	17:11		19:18	19:50		20:18	20:31	20:14	19:33	18:42		16:57	16:31	16:38
31	07:08		06:43	07:24-07:44/20		05:29		05:52	06:22	07:41-07:44/3		06:24		07:19
	17:12		19:19			20:19		20:13	19:31			16:56		16:39
Ore potenziali eliofania	299	298		398		447	450	457	427	375		346	299	290
Somma minuti d'ombra	0	0	74	146	0	0	0	0	3	224		0	0	0

Legenda della tabella:

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

SHADOW - Calendario per WTG

WTG: WTG03 - VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (15)

Assunzioni sui calcoli d'ombra

Probabilità di eliofanìa (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre	
1	07:19 16:40	07:07 17:13	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	17:34-18:17/43	06:25 16:54	06:59 16:31
2	07:20 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	17:34-18:16/42	06:26 16:53	07:00 16:30
3	07:20 16:42	07:05 17:17	06:29 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:25 19:27	06:54 18:37	17:34-18:15/41	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	17:34-18:13/39	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	18:20-18:26/6	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:32	18:16-18:28/12	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:49 19:57	05:26 20:24	05:33 20:29	05:58 20:05	06:28 19:20	06:58 18:30	18:13-18:29/16	06:32 16:47	07:05 16:30
8	07:20 16:46	06:59 17:22	06:21 17:55	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	18:11-18:31/20	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	06:59 18:27	18:08-18:31/23	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	06:59 18:26	18:05-18:33/28	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:14	06:59 18:24	18:01-18:34/33	06:37 16:43	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	06:59 18:23	17:58-18:36/38	06:38 16:42	07:09 16:30
13	07:19 16:51	06:54 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:25 20:27	05:37 20:27	06:04 19:58	06:34 19:10	06:59 18:21	17:56-18:38/42	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:09	06:59 18:19	17:54-18:39/45	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 17:30	06:10 18:02	06:20 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	06:59 18:18	17:52-18:41/49	06:41 16:40	07:12 16:30
16	07:18 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	06:59 18:16	17:50-18:42/52	06:42 16:39	07:12 16:31
17	07:17 16:56	06:49 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:25 20:29	05:40 20:25	06:08 19:52	06:38 19:03	06:59 18:15	17:48-18:41/53	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	06:59 18:13	17:47-18:40/53	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:13 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	06:59 18:12	17:45-18:38/53	06:46 16:37	07:14 16:32
20	07:16 16:59	06:45 17:36	06:01 18:07	06:12 19:39	05:36 20:10	05:26 20:30	05:42 20:23	06:11 19:48	06:41 18:58	06:59 18:10	17:44-18:37/53	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:11 19:41	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	06:59 18:09	17:43-18:35/52	06:48 16:35	07:15 16:33
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 19:42	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	06:59 18:08	17:42-18:33/51	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:11	06:08 19:43	05:34 20:12	05:26 20:30	05:45 20:20	06:14 19:44	06:44 18:53	06:59 18:06	17:40-18:32/52	06:50 16:34	07:16 16:34
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:20	06:15 19:42	06:45 18:52	06:59 18:05	17:40-18:30/50	06:52 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:59 18:05	17:39-18:28/49	06:53 16:34	07:17 16:35
26	07:12 17:06	06:36 17:43	05:52 18:14	06:03 19:46	05:32 20:15	05:27 20:31	05:47 20:18	06:17 19:39	06:47 18:48	06:59 18:04	17:38-18:27/49	06:54 16:33	07:18 16:35
27	07:11 17:07	06:35 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:31	05:48 20:17	06:18 19:38	06:48 18:47	06:59 18:03	17:37-18:25/48	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:17	05:28 20:31	05:49 20:16	06:19 19:36	06:49 18:45	06:59 18:02	17:36-18:22/46	06:56 16:32	07:18 16:37
29	07:09 17:10	17:46	06:47 19:17	06:59 19:49	05:30 20:17	05:28 20:31	05:50 20:15	06:20 19:35	06:50 18:43	06:59 18:01	17:35-18:21/46	06:57 16:31	07:19 16:37
30	07:08 17:11	17:46	06:45 19:18	06:58 19:50	05:30 20:18	05:29 20:31	05:51 20:14	06:21 19:33	06:51 18:42	06:59 18:00	17:34-18:19/45	06:58 16:31	07:19 16:38
31	07:08 17:12	17:46	06:43 19:19	06:57 19:49	05:29 20:19	05:28 20:13	05:52 20:13	06:22 19:31	06:50 18:42	06:59 18:00	17:33-18:18/44	06:59 16:56	07:19 16:39
Ore potenziali eliofanìa	299	298	370	398	447	450	457	427	375	346	1064	533	299
Somma minuti d'ombra	0	102	1335	142	0	0	0	0	0	0	0	0	290

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

WTG: WTG04 - VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (16)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:19 09:20-10:38/78 16:40	07:07 17:13	06:32 17:47	06:42 08:04-08:31/27 19:20 18:16-18:43/27	05:57 19:51	05:29 20:20
2	07:20 09:20-10:38/78 16:41	07:06 17:15	06:30 17:48	06:40 08:04-08:29/25 19:21 18:15-18:40/25	05:56 19:52	05:28 20:20
3	07:20 09:21-10:38/77 16:42	07:05 17:16	06:28 17:49	06:38 08:06-08:28/22 19:22 18:15-18:39/24	05:54 19:53	05:28 20:21
4	07:20 09:21-10:38/77 16:42	07:04 17:17	06:27 17:50	06:37 08:08-08:25/17 19:23 18:14-18:36/22	05:53 19:54	05:27 20:22
5	07:20 09:22-10:39/77 16:43	07:03 17:18	06:25 17:51	06:35 08:11-08:21/10 19:24 18:13-18:34/21	05:52 19:55	05:27 20:22
6	07:20 09:22-10:38/76 16:44	07:02 17:20	06:24 17:52	06:34 18:14-18:32/18 19:25	05:51 19:56	05:27 20:23
7	07:20 09:23-10:38/75 16:45	07:01 17:21	06:22 17:53	06:32 18:13-18:29/16 19:26	05:49 19:57	05:26 20:24
8	07:20 09:24-10:38/74 16:46	06:59 17:22	06:21 17:55	06:30 18:13-18:28/15 19:27	05:48 19:58	05:26 20:24
9	07:19 09:25-10:38/73 16:47	06:58 17:23	06:19 17:56	06:29 18:13-18:25/12 19:28	05:47 19:59	05:26 20:25
10	07:19 09:26-10:38/72 16:48	06:57 17:24	06:18 17:57	06:27 18:13-18:24/11 19:29	05:46 20:00	05:26 20:25
11	07:19 09:26-10:38/72 16:49	06:56 17:26	06:16 17:58	06:26 18:12-18:21/9 19:30	05:45 20:01	05:26 20:26
12	07:19 09:27-10:38/71 16:50	06:55 17:27	06:14 17:59	06:24 18:12-18:19/7 19:31	05:44 20:02	05:26 20:26
13	07:19 09:29-10:38/69 16:51	06:54 17:28	06:13 18:00	06:23 18:12-18:17/5 19:32	05:43 20:03	05:25 20:27
14	07:18 09:29-10:37/68 16:52	06:52 17:29	06:11 18:01	06:21 18:12-18:15/3 19:33	05:42 20:04	05:25 20:27
15	07:18 09:30-10:37/67 16:53	06:51 17:30	06:10 07:17-07:30/13 18:02	06:19 19:34	05:41 20:05	05:25 20:28
16	07:17 09:31-10:36/65 16:55	06:50 17:32	06:08 07:13-07:33/20 18:03 17:41-17:42/1	06:18 19:35	05:40 20:06	05:25 20:28
17	07:17 09:33-10:36/63 16:56	06:48 17:33	06:06 07:11-07:35/24 18:04 17:38-17:44/6	06:16 19:36	05:39 20:07	05:25 20:29
18	07:17 09:34-10:34/60 16:57	06:47 17:34	06:05 07:09-07:36/27 18:05 17:35-17:44/9	06:15 19:37	05:38 20:08	05:26 20:29
19	07:16 09:36-10:34/58 16:58	06:46 17:35	06:03 07:07-07:36/29 18:06 17:33-17:45/12	06:13 19:38	05:37 20:09	05:26 20:29
20	07:16 09:37-10:33/56 16:59	06:44 17:36	06:01 07:07-07:38/31 18:07 17:31-17:47/16	06:12 19:39	05:36 20:10	05:26 20:29
21	07:15 09:39-10:32/53 17:00	06:43 17:38	06:00 07:05-07:38/33 18:08 17:29-17:47/18	06:11 19:40	05:36 20:10	05:26 20:30
22	07:14 09:41-10:31/50 17:01	06:42 17:39	05:58 07:04-07:38/34 18:09 17:27-17:48/21	06:09 19:42	05:35 20:11	05:26 20:30
23	07:14 09:42-10:29/47 17:03	06:40 17:40	05:56 07:04-07:38/34 18:10 17:26-17:50/24	06:08 19:43	05:34 20:12	05:26 20:30
24	07:13 09:45-10:27/42 17:04	06:39 17:41	05:55 07:03-07:38/35 18:12 17:24-17:51/27	06:06 19:44	05:33 20:13	05:27 20:30
25	07:12 09:49-10:26/37 17:05	06:37 17:42	05:53 07:03-07:38/35 18:13 17:23-17:51/28	06:05 19:45	05:33 20:14	05:27 20:30
26	07:12 09:53-10:23/30 17:06	06:36 17:43	05:52 07:03-07:37/34 18:14 17:22-17:53/31	06:03 19:46	05:32 20:15	05:27 20:30
27	07:11 09:55-10:20/25 17:07	06:34 17:44	05:50 07:02-07:36/34 18:15 17:21-17:53/32	06:02 19:47	05:31 20:16	05:28 20:31
28	07:10 10:00-10:15/15 17:09	06:33 17:46	05:48 07:03-07:36/33 18:16 17:20-17:52/32	06:01 19:48	05:31 20:16	05:28 20:31
29	07:09 17:10		06:47 08:03-08:35/32 19:17 18:19-18:49/30	05:59 19:49	05:30 20:17	05:28 20:31
30	07:08 17:11		06:45 08:02-08:34/32 19:18 18:18-18:47/29	05:58 19:50	05:30 20:18	05:29 20:30
31	07:08 17:12		06:43 08:04-08:33/29 19:19 18:17-18:45/28		05:29 20:19	
Ore potenziali eliofania	299	298	370	398	447	450
Somma minuti d'ombra	1705	0	853	316	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

WTG: WTG04 - VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (16)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:30	05:53 20:12	06:23 18:11-18:20/9 19:30	06:52 18:40	06:25 16:54	06:59 09:08-10:20/72 16:31
2	05:30 20:30	05:54 20:11	06:24 18:11-18:22/11 19:28	06:53 18:38	06:26 16:53	07:00 09:08-10:20/72 16:30
3	05:30 20:30	05:55 20:10	06:24 18:11-18:23/12 19:27	06:54 18:37	06:27 16:52	07:01 09:08-10:21/73 16:30
4	05:31 20:30	05:55 20:09	06:25 18:10-18:25/15 19:25	06:55 18:35	06:28 16:51	07:02 09:08-10:22/74 16:30
5	05:31 20:30	05:56 20:08	06:26 18:10-18:26/16 19:23	06:56 18:34	06:30 16:50	07:03 09:08-10:23/75 16:30
6	05:32 20:30	05:57 20:06	06:27 18:10-18:28/18 19:22	06:57 18:32	06:31 16:49	07:04 09:08-10:24/76 16:30
7	05:32 20:29	05:58 20:05	06:28 08:07-08:16/9 19:20 18:10-18:29/19	06:58 18:30	06:32 16:47	07:05 09:08-10:25/77 16:30
8	05:33 20:29	05:59 20:04	06:29 08:03-08:20/17 19:18 18:09-18:31/22	06:59 18:29	06:33 16:46	07:06 09:09-10:25/76 16:30
9	05:34 20:29	06:00 20:03	06:30 08:01-08:22/21 19:17 18:08-18:32/24	07:00 18:27	06:34 16:45	07:07 09:09-10:26/77 16:30
10	05:34 20:28	06:01 20:02	06:31 07:58-08:22/24 19:15 18:08-18:33/25	07:01 18:26	06:35 16:44	07:08 09:09-10:27/78 16:30
11	05:35 20:28	06:02 20:00	06:32 07:56-08:23/27 19:13 18:08-18:35/27	07:02 18:24	06:37 16:43	07:08 09:10-10:28/78 16:30
12	05:36 20:27	06:03 19:59	06:33 07:55-08:24/29 19:12 18:09-18:36/27	07:03 18:22	06:38 16:42	07:09 09:10-10:29/79 16:30
13	05:36 20:27	06:04 19:58	06:34 07:54-08:25/31 19:10 18:09-18:38/29	07:04 18:21	06:39 16:42	07:10 09:10-10:29/79 16:30
14	05:37 20:26	06:05 19:56	06:35 07:53-08:25/32 19:08 18:09-18:39/30	07:05 18:19	06:40 09:32-09:47/15 16:41	07:11 09:10-10:29/79 16:30
15	05:38 20:26	06:06 19:55	06:36 07:52-08:25/33 19:07 18:09-18:41/32	07:06 18:18	06:41 09:28-09:53/25 16:40	07:12 09:11-10:30/79 16:30
16	05:39 20:25	06:07 19:54	06:37 07:51-08:26/35 19:05 18:10-18:42/32	07:07 18:16	06:42 09:25-09:56/31 16:39	07:12 09:11-10:31/80 16:31
17	05:40 20:25	06:08 19:52	06:38 07:51-08:26/35 19:03 18:10-18:41/31	07:08 18:15	06:44 09:22-09:59/37 16:38	07:13 09:11-10:31/80 16:31
18	05:40 20:24	06:09 19:51	06:39 07:51-08:25/34 19:02 18:11-18:40/29	07:09 18:13	06:45 09:19-10:01/42 16:37	07:14 09:12-10:32/80 16:31
19	05:41 20:23	06:10 19:49	06:40 07:50-08:25/35 19:00 18:11-18:38/27	07:10 18:12	06:46 09:17-10:04/47 16:37	07:14 09:12-10:32/80 16:32
20	05:42 20:23	06:11 19:48	06:41 07:50-08:25/35 18:58 18:12-18:37/25	07:11 18:10	06:47 09:16-10:06/50 16:36	07:15 09:13-10:33/80 16:32
21	05:43 20:22	06:12 19:47	06:42 07:50-08:24/34 18:57 18:13-18:35/22	07:13 18:09	06:48 09:14-10:07/53 16:35	07:15 09:13-10:33/80 16:33
22	05:44 20:21	06:13 19:45	06:43 07:51-08:23/32 18:55 18:14-18:33/19	07:14 18:08	06:49 09:13-10:09/56 16:35	07:16 09:14-10:34/80 16:33
23	05:44 20:20	06:14 19:44	06:44 07:51-08:22/31 18:53 18:15-18:32/17	07:15 18:06	06:50 09:12-10:10/58 16:34	07:16 09:14-10:34/80 16:34
24	05:45 20:20	06:15 19:42	06:45 07:51-08:21/30 18:52 18:17-18:30/13	07:16 18:05	06:52 09:12-10:12/60 16:34	07:17 09:15-10:35/80 16:34
25	05:46 20:19	06:16 19:41	06:46 07:52-08:20/28 18:50 18:18-18:28/10	07:17 17:03	06:53 09:11-10:14/63 16:33	07:17 09:15-10:35/80 16:35
26	05:47 20:18	06:17 19:39	06:47 07:53-08:18/25 18:48 18:19-18:26/7	07:18 17:02	06:54 09:10-10:15/65 16:33	07:18 09:15-10:35/80 16:35
27	05:48 20:17	06:18 19:38	06:48 07:55-08:16/21 18:47 18:21-18:24/3	07:19 17:01	06:55 09:10-10:16/66 16:32	07:18 09:16-10:36/80 16:36
28	05:49 20:16	06:19 19:36	06:49 07:57-08:13/16 18:45	07:20 16:59	06:56 09:09-10:17/68 16:32	07:18 09:17-10:36/79 16:37
29	05:50 20:15	06:20 18:13-18:16/3 19:34	06:50 08:01-08:08/7 18:43	07:21 16:58	06:57 09:09-10:18/69 16:31	07:19 09:17-10:36/79 16:37
30	05:51 20:14	06:21 18:12-18:17/5 19:33	06:51 18:42	07:22 16:57	06:58 09:08-10:19/71 16:31	07:19 09:17-10:37/80 16:38
31	05:52 20:13	06:22 18:12-18:19/7 19:31		07:23 16:56		07:19 09:18-10:37/79 16:39
Ore potenziali eliofania	457	427	375	346	299	290
Somma minuti d'ombra	0	15	1172	0	876	2421

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

WTG: WTG05 - VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (17)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 08:23-08:32/9 16:40	07:07 17:13	06:31 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:19 08:25-08:31/6 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:42	07:05 17:16	06:28 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:24 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:29	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:49 19:57	05:26 20:24	05:33 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	07:05 16:30
8	07:20 16:46	06:59 17:22	06:21 17:55	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 16:43	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:42	07:09 16:30
13	07:18 16:51	06:54 07:38-07:47/9 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:25 20:27	05:37 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 07:36-07:49/13 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 07:34-07:50/16 17:30	06:10 18:02	06:19 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 16:40	07:12 16:30
16	07:17 16:55	06:50 07:34-07:51/17 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 16:39	07:12 16:30
17	07:17 16:56	06:48 07:34-07:52/18 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:25 20:29	05:40 20:25	06:08 19:52	06:38 19:03	07:08 08:11-08:16/5 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 07:33-07:51/18 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 08:08-08:19/11 18:13	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 07:33-07:52/19 17:35	06:03 18:06	06:13 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	07:10 08:06-08:20/14 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:44 07:34-07:52/18 17:36	06:01 18:07	06:12 19:39	05:36 20:10	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	07:11 08:05-08:21/16 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 07:33-07:51/18 17:38	06:00 18:08	06:11 19:40	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:13 08:04-08:21/17 18:09	06:48 16:35	07:15 16:33
22	07:14 17:01	06:42 07:34-07:50/16 17:39	05:58 18:09	06:09 19:41	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 08:03-08:21/18 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 07:35-07:48/13 17:40	05:56 18:10	06:08 19:43	05:34 20:12	05:26 20:30	05:44 20:20	06:14 19:44	06:44 18:53	07:15 08:03-08:21/18 18:06	06:50 16:34	07:16 16:34
24	07:13 17:04	06:39 07:37-07:47/10 17:41	05:55 18:12	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:20	06:15 19:42	06:45 18:52	07:16 08:03-08:22/19 18:05	06:52 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:17 07:03-07:21/18 17:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:52 18:14	06:03 19:46	05:32 20:15	05:27 20:30	05:47 20:18	06:17 19:39	06:47 18:48	06:18 07:04-07:20/16 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:34 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:30	05:48 20:17	06:18 19:38	06:48 18:47	06:19 07:04-07:19/15 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16	05:28 20:31	05:49 20:16	06:19 19:36	06:49 18:45	06:20 07:05-07:18/13 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10		06:47 19:17	05:59 19:49	05:30 20:17	05:28 20:30	05:48 20:15	06:20 19:34	06:50 18:43	06:21 07:08-07:17/9 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11		06:45 19:18	05:58 19:50	05:30 20:18	05:29 20:30	05:51 20:14	06:21 19:33	06:51 18:42	06:23 16:57	06:58 16:31	07:19 16:38
31	07:08 17:12		06:43 19:19		05:29 20:19		05:52 20:13	06:22 19:31		06:24 16:56		07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	281
Somma minuti d'ombra	15	185	0	0	0	0	0	0	0	189	0	281

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

WTG: WTG06 - VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (18)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:31 17:47	07:55-09:13/78 06:42	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	08:31-09:45/74 16:54	07:46-08:03/17 16:31
2	07:19 16:41	07:06 17:15	06:30 17:48	07:55-09:13/78 06:40	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	08:30-09:45/75 16:53	07:48-08:00/12 16:30
3	07:20 16:42	07:05 17:17	06:28 17:49	07:53-09:13/80 06:38	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:24 19:27	06:54 18:37	08:29-09:46/77 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	07:53-09:13/80 06:37	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	08:30-09:47/77 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	07:52-09:12/80 06:35	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	08:29-09:47/78 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	07:53-09:12/79 06:34	05:51 19:56	05:27 20:23	05:32 20:29	05:57 20:06	06:27 19:22	06:57 18:32	08:29-09:48/79 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	07:52-09:11/79 06:32	05:49 19:57	05:27 20:24	05:33 20:29	05:58 20:05	06:28 19:20	06:58 18:30	08:28-09:48/80 16:47	07:05 16:30
8	07:19 16:46	06:59 17:22	08:23-08:27/4 06:21	07:51-09:10/79 06:30	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	08:28-09:48/80 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	08:19-08:32/13 06:19	07:52-09:10/78 06:29	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	08:28-09:48/80 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	08:16-08:35/19 06:18	07:52-09:09/77 06:27	05:46 19:59	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	08:28-09:47/79 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	08:14-08:52/38 06:16	07:52-09:08/76 06:26	05:45 19:58	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	08:28-09:47/79 16:43	07:08 16:30
12	07:19 16:50	06:55 17:27	08:13-08:56/43 06:14	07:52-09:07/75 06:24	05:44 19:59	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	08:28-09:47/79 16:42	07:09 16:30
13	07:18 16:51	06:54 17:28	08:12-08:59/47 06:13	07:52-09:05/73 06:23	05:43 19:58	05:26 20:27	05:37 20:27	06:04 19:58	06:34 19:10	07:04 18:21	08:29-09:46/77 16:41	07:10 16:30
14	07:18 16:52	06:52 17:29	08:11-09:02/51 06:11	07:54-09:04/70 06:21	05:42 19:59	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19	08:29-09:46/77 16:40	07:11 16:30
15	07:18 16:53	06:51 17:30	08:10-09:03/53 06:10	07:54-09:03/69 06:20	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	08:30-09:45/75 16:40	07:11 16:30
16	07:17 16:55	06:50 17:32	08:10-09:05/55 06:08	07:55-09:01/66 06:18	05:40 19:55	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	08:30-09:45/75 16:39	07:12 16:31
17	07:17 16:56	06:48 17:33	08:10-09:07/57 06:06	07:57-09:00/63 06:16	05:39 19:56	05:26 20:28	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	08:31-09:44/73 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	08:09-09:07/58 06:05	07:58-08:58/60 06:15	05:38 19:57	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	08:34-09:44/70 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	08:09-09:09/60 06:03	08:01-08:55/54 06:13	05:37 19:58	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	08:35-09:43/68 16:37	07:14 16:32
20	07:16 16:59	06:44 17:36	08:09-09:09/60 06:01	08:11-08:54/43 06:12	05:36 19:59	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	08:38-09:42/64 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	08:09-09:11/62 06:00	08:12-08:51/39 06:11	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:12 18:09	09:00-09:33/33 16:35	07:15 16:33
22	07:14 17:01	06:42 17:39	08:06-09:12/66 05:58	08:13-08:48/35 06:09	05:35 19:41	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	08:58-09:36/38 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	08:03-09:12/69 05:56	08:16-08:45/29 06:08	05:34 19:43	05:26 20:30	05:45 20:20	06:14 19:44	06:44 18:53	07:15 18:06	08:56-09:37/41 16:34	07:16 16:34
24	07:13 17:04	06:39 17:41	08:02-09:13/71 05:55	08:18-08:41/23 06:06	05:33 19:44	05:27 20:30	05:45 20:19	06:15 19:42	06:45 18:52	07:16 18:05	08:46-09:39/53 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	07:59-09:13/74 05:53	08:22-08:35/13 06:05	05:33 19:45	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	07:17 18:03	08:43-09:40/57 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	07:58-09:13/75 05:52	06:03 18:14	05:32 19:46	05:27 20:30	05:47 20:18	06:17 19:39	06:47 18:48	07:18 17:02	08:40-09:42/62 16:33	07:18 16:35
27	07:11 17:07	06:34 17:44	07:57-09:13/76 05:50	06:02 18:15	05:31 19:47	05:28 20:30	05:48 20:17	06:18 19:38	06:48 18:47	07:19 17:01	08:38-09:42/64 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	07:56-09:14/78 05:48	06:01 18:16	05:31 19:48	05:28 20:30	05:49 20:16	06:19 19:36	06:49 18:45	07:20 16:59	08:35-09:43/68 16:32	07:18 16:37
29	07:09 17:10		06:47 19:17	06:04 19:49	05:30 20:17	05:28 20:30	05:50 20:15	06:20 19:34	06:50 18:43	07:21 16:58	08:34-09:44/70 16:31	07:19 16:37
30	07:08 17:11		06:45 19:18	06:05 19:50	05:30 20:18	05:29 20:30	05:51 20:14	06:21 19:33	06:51 18:42	07:22 16:57	08:32-09:44/72 16:31	07:19 16:38
31	07:07 17:12		06:43 19:19	06:04 19:19	05:29 20:19	05:29 20:13	05:52 19:31	06:22 19:31		07:24 16:56	07:44-08:21/37 16:30	07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	617	2095	29
Somma minuti d'ombra	0	1137	1576	0	0	0	0	0	0	0	0	0

Legenda della tabella:

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

SHADOW - Calendario per WTG

WTG: WTG07 - VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (19)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio		Febbraio		Marzo		Aprile		Maggio		Giugno		Luglio		Agosto		Settembre		Ottobre		Novembre		Dicembre	
1	07:19	10:50-11:32/42	07:07	06:32			06:42	05:57	05:29	05:29	05:53	06:23			06:52	06:25			06:59	10:47-11:05/18				
	16:40	13:14-13:44/30	17:14	17:47			19:20	19:51	20:20	20:30	20:12	19:30			18:40	16:54			16:31					
2	07:19	10:51-11:32/41	07:06	06:30			06:40	05:56	05:28	05:30	05:54	06:24			06:53	06:26			07:00	10:45-11:08/23				
	16:41	13:15-13:44/29	17:15	17:48			19:21	19:52	20:20	20:30	20:11	19:28			18:38	16:53			16:30					
3	07:20	10:52-11:32/40	07:05	06:28			06:38	05:54	05:28	05:30	05:55	06:25			06:54	06:27			07:01	10:43-11:10/27				
	16:42	13:17-13:43/26	17:16	17:49			19:22	19:53	20:21	20:30	20:10	19:27			18:37	16:52			16:30					
4	07:20	10:53-11:31/38	07:04	06:27			06:37	05:53	05:27	05:31	05:56	06:25			06:55	06:28			07:02	10:42-11:12/30				
	16:42	13:19-13:42/23	17:17	17:50			19:23	19:54	20:22	20:30	20:09	19:25			18:35	16:51			16:30					
5	07:20	10:54-11:31/37	07:03	06:25			06:35	05:52	05:27	05:31	05:56	06:26			06:56	06:30			07:03	10:42-11:14/32				
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6	07:20	10:55-11:30/35	07:02	06:24			06:34	05:51	05:27	05:32	05:57	06:27			06:57	06:31			07:04	10:41-11:16/35				
	16:44	13:24-13:38/14	17:20	17:52			19:25	19:56	20:23	20:29	20:06	19:22			18:32	16:49			16:30	13:10-13:24/14				
7	07:20	10:56-11:29/33	07:01	06:22			06:32	05:49	05:27	05:33	05:58	06:28			06:58	06:32			07:05	10:41-11:17/36				
	16:45	13:29-13:34/5	17:21	17:53			19:26	19:57	20:24	20:29	20:05	19:20			18:30	16:48			16:30	13:08-13:27/19				
8	07:20	10:58-11:28/30	06:59	06:21			06:30	05:48	05:26	05:33	05:59	06:29			06:59	06:33			07:06	10:40-11:18/38				
	16:46		17:22	17:55			19:27	19:58	20:24	20:29	20:04	19:18			18:29	16:46			16:30	13:06-13:29/23				
9	07:19	11:00-11:27/27	06:58	06:19			06:29	05:47	05:26	05:34	06:00	06:30			07:00	06:34			07:07	10:40-11:20/40				
	16:47		17:23	17:56			19:28	19:59	20:25	20:29	20:03	19:17			18:27	16:45			16:30	13:05-13:31/26				
10	07:19	11:03-11:26/23	06:57	06:18			06:27	05:46	05:26	05:34	06:01	06:31			07:01	06:35			07:08	10:40-11:21/41				
	16:48		17:24	17:57			19:29	20:00	20:25	20:28	20:02	19:15			18:26	16:44			16:30	13:04-13:33/29				
11	07:19	11:05-11:23/18	06:56	06:16			06:26	05:45	05:26	05:35	06:02	06:32			07:02	06:37			07:08	10:40-11:22/42				
	16:49		17:26	17:58			19:30	20:01	20:26	20:28	20:00	19:13			18:24	16:43			16:30	13:04-13:34/30				
12	07:19	11:09-11:20/11	06:55	06:14			06:24	05:44	05:26	05:36	06:03	06:33			07:03	06:38			07:09	10:40-11:23/43				
	16:50		17:27	17:59			19:31	20:02	20:26	20:27	19:59	19:12			18:22	16:43			16:30	13:04-13:36/32				
13	07:18		06:54	06:13			06:23	05:43	05:26	05:37	06:04	06:34	18:37-18:38/1		07:04	06:39			07:10	10:40-11:23/43				
	16:51		17:28	18:00			19:32	20:03	20:27	20:27	19:58	19:10			18:21	16:42			16:30	13:02-13:36/34				
14	07:18		06:52	06:11			06:21	05:42	05:26	05:37	06:05	06:35	18:37-18:39/2		07:05	06:40			07:11	10:40-11:24/44				
	16:52		17:29	18:01			19:33	20:04	20:27	20:26	19:56	19:08			18:19	16:41			16:30	13:02-13:37/35				
15	07:18		06:51	06:10			06:20	05:41	05:25	05:38	06:06	06:36	18:38-18:41/3		07:06	06:41			07:12	10:41-11:26/45				
	16:53		17:31	18:02			19:34	20:05	20:28	20:26	19:55	19:07			18:18	16:40			16:30	13:03-13:39/36				
16	07:17		06:50	06:08			06:18	05:40	05:25	05:39	06:07	06:37	18:38-18:42/4		07:07	06:42			07:12	10:40-11:26/46				
	16:55		17:32	18:03			19:35	20:06	20:28	20:25	19:54	19:05			18:16	16:39			16:31	13:02-13:39/37				
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	16:57		17:34	18:05			19:37	20:08	20:29	20:24	19:51	19:02			18:13	16:37			16:31	13:03-13:41/38				
19	07:16		06:46	06:03			06:13	05:37	05:26	05:41	06:10	06:40			07:10	06:46			07:14	10:41-11:28/47				
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21	07:15		06:43	06:00			06:11	05:36	05:26	05:43	06:12	06:42			07:13	06:48			07:15	10:42-11:29/47				
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22	07:14		06:42	05:58			06:09	05:35	05:26	05:44	06:13	06:43			07:14	06:49			07:16	10:43-11:30/47				
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25	07:12		06:37	05:53			06:05	05:33	05:27	05:46	06:16	06:46			06:17	06:53			07:17	10:44-11:31/47				
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26	07:12		06:36	05:52	17:51-17:53/2		06:03	05:32	05:27	05:47	06:17	06:47			06:18	06:54			07:18	10:45-11:31/46				
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27	07:11		06:34	05:50	17:49-17:53/4		06:02	05:31	05:28	05:48	06:18	06:48			06:19	06:55			07:18	10:46-11:32/46				
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28	07:10		06:33	05:48	17:48-17:52/4		06:01	05:31	05:28	05:49	06:19	06:49			06:20	06:56			07:18	10:46-11:32/46				
	17:09		17:46	18:16			19:48	20:16	20:30	20:16	19:36	18:45			16:59	16:32			16:37	13:08-13:45/37				
29	07:09			06:47	18:47-18:49/2</																			

SHADOW - Calendario per WTG

WTG: WTG08 - VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (20)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:19 16:13-16:14/1 16:40 15:37-16:02/25	07:07 16:09-16:50/41 17:14	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20
2	07:19 16:14-16:16/2 16:41 15:39-16:03/24	07:06 16:09-16:51/42 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20
3	07:20 16:13-16:16/3 16:42 15:40-16:03/23	07:05 16:10-16:52/42 17:16	06:28 17:49	06:38 19:22	05:54 19:53	05:28 20:21
4	07:20 16:13-16:17/4 16:42 15:42-16:02/20	07:04 16:10-16:54/44 17:17	06:27 17:50	06:37 08:12-08:18/6 19:23	05:53 19:54	05:28 20:22
5	07:20 16:12-16:17/5 16:43 15:42-16:01/19	07:03 16:11-16:55/44 17:18	06:25 17:51	06:35 08:08-08:23/15 19:24	05:52 19:55	05:27 20:22
6	07:20 16:11-16:18/7 16:44 15:44-16:00/16	07:02 16:11-16:56/45 17:20	06:24 17:52	06:34 08:05-08:24/19 19:25	05:51 19:56	05:27 20:23
7	07:20 16:11-16:20/9 16:45 15:46-15:59/13	07:01 16:12-16:58/46 17:21	06:22 17:53	06:32 08:03-08:25/22 19:26	05:50 19:57	05:27 20:24
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24	07:13 16:08-16:39/31 17:04	06:39 17:41	05:55 18:12	06:06 08:04-08:13/9 19:44	05:33 20:13	05:27 20:30
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26	07:12 16:08-16:42/34 17:06	06:36 17:43	05:52 18:14	06:03 19:46	05:32 20:15	05:27 20:30
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28	07:10 16:08-16:45/37 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16	05:28 20:30
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31	07:07 16:09-16:48/39 17:12		06:43 19:19		05:29 20:19	
Ore potenziali eliofania	299	298	370	398	447	450
Somma minuti d'ombra	784	842	0	485	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

WTG: WTG08 - VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (20)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

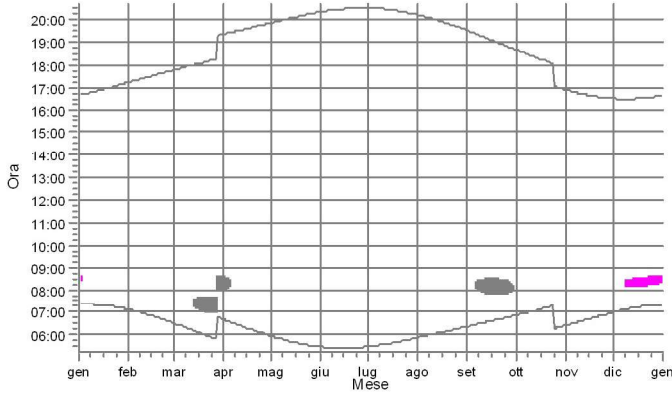
	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:30	05:53 20:12	06:23 07:57-08:26/29 19:30	06:52 18:40	06:25 15:44-16:31/47 16:54	06:59 15:52-16:06/14 16:31
2	05:30 20:30	05:54 20:11	06:24 07:58-08:25/27 19:28	06:53 18:38	06:26 15:43-16:29/46 16:53	07:00 15:53-16:05/12 16:30
3	05:30 20:30	05:55 20:10	06:25 07:58-08:25/27 19:27	06:54 18:37	06:27 15:43-16:29/46 16:52	07:01 15:54-16:05/11 16:30
4	05:31 20:30	05:56 20:09	06:25 07:59-08:23/24 19:25	06:55 18:35	06:28 15:42-16:27/45 16:51	07:02 15:55-16:05/10 16:30 15:33-15:41/8
5	05:31 20:30	05:56 20:08	06:26 08:00-08:22/22 19:23	06:56 18:34	06:30 15:41-16:26/45 16:50	07:03 15:56-16:05/9 16:30 15:31-15:44/13
6	05:32 20:29	05:57 20:06	06:27 08:01-08:20/19 19:22	06:57 18:32	06:31 15:41-16:25/44 16:49	07:04 15:57-16:04/7 16:30 15:30-15:46/16
7	05:33 20:29	05:58 20:05	06:28 08:03-08:18/15 19:20	06:58 18:30	06:32 15:41-16:24/43 16:48	07:05 15:59-16:04/5 16:30 15:29-15:48/19
8	05:33 20:29	05:59 20:04	06:29 08:07-08:14/7 19:18	06:59 18:29	06:33 15:40-16:23/43 16:46	07:06 16:00-16:04/4 16:30 15:29-15:49/20
9	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 15:40-16:22/42 16:45	07:07 16:01-16:05/4 16:30 15:28-15:51/23
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11	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 15:41-16:20/39 16:43	07:08 16:04-16:05/1 16:30 15:28-15:53/25
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22	05:44 20:21	06:13 08:03-08:25/22 19:45	06:43 18:55	07:14 17:11-17:32/21 18:08	06:49 15:44-16:10/26 16:35	07:16 15:30-16:01/31 16:33
23	05:45 20:20	06:14 08:02-08:26/24 19:44	06:44 18:53	07:15 17:09-17:34/25 18:06	06:50 15:45-16:10/25 16:34	07:16 15:30-16:01/31 16:34
24	05:45 20:19	06:15 08:01-08:27/26 19:42	06:45 18:52	07:16 17:08-17:36/28 18:05	06:51 15:45-16:09/24 16:34	07:17 15:32-16:02/30 16:34
25	05:46 20:19	06:16 08:00-08:27/27 19:41	06:46 18:50	06:17 15:59-16:36/37 17:03	06:53 15:47-16:09/22 16:33	07:17 15:32-16:02/30 16:35
26	05:47 20:18	06:17 08:00-08:28/28 19:39	06:47 18:48	06:18 15:55-16:37/42 17:02	06:54 15:48-16:08/20 16:33	07:18 15:32-16:02/30 16:35
27	05:48 20:17	06:18 07:59-08:28/29 19:38	06:48 18:47	06:19 15:52-16:37/45 17:01	06:55 15:48-16:08/20 16:32	07:18 15:34-16:03/29 16:36
28	05:49 20:16	06:19 07:59-08:28/29 19:36	06:49 18:45	06:20 15:49-16:36/47 16:59	06:56 15:49-16:07/18 16:32	07:18 15:34-16:03/29 16:37
29	05:50 20:15	06:20 07:57-08:27/30 19:34	06:50 18:43	06:21 15:48-16:34/46 16:58	06:57 15:50-16:07/17 16:31	07:19 15:35-16:03/28 16:37
30	05:51 20:14	06:21 07:57-08:27/30 19:33	06:51 18:42	06:23 15:47-16:34/47 16:57	06:58 15:51-16:06/15 16:31	07:19 15:35-16:03/28 16:38
31	05:52 20:13	06:22 07:57-08:27/30 19:31		06:24 15:45-16:32/47 16:56		07:19 15:36-16:02/26 16:39
Ore potenziali eliofania	457	427	375	346	299	290
Somma minuti d'ombra	0	319	170	412	998	808

Legenda della tabella:

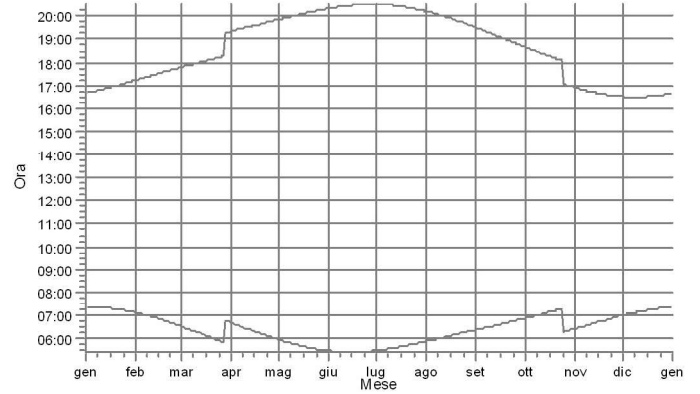
Giorno del mese Alba (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra
 Tramonto (hh:mm) Inizio ombreggiamento (hh:mm)-Fine ombreggiamento (hh:mm)/Minuti d'ombra

SHADOW - Calendario, grafico

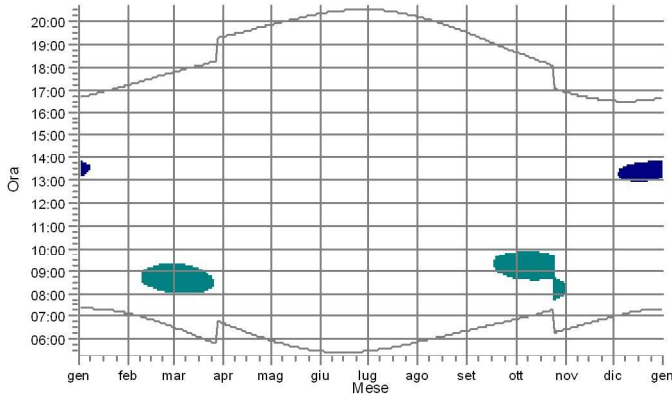
0R: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (89)



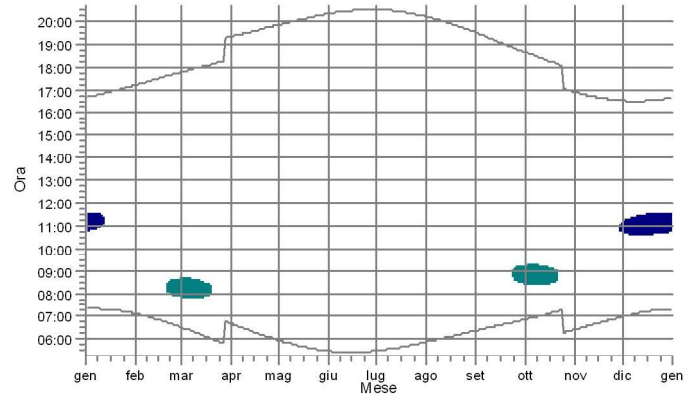
10A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (71)



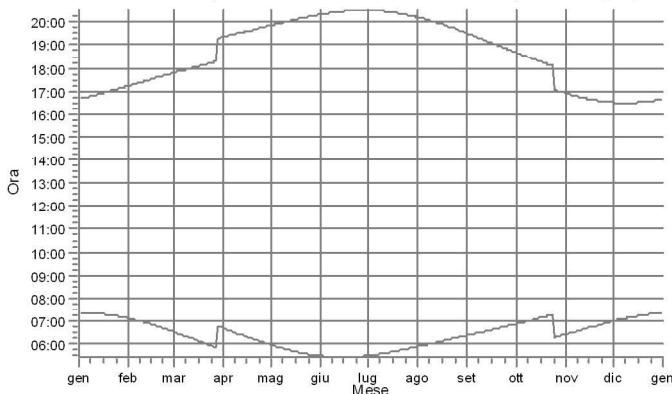
11A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (72)



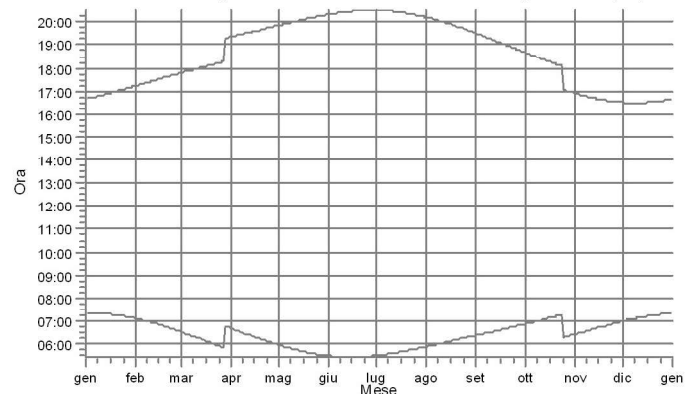
12A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (73)



13A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (74)



14A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (75)

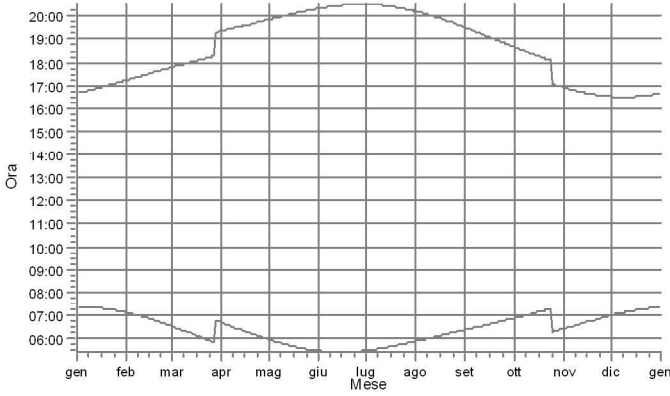


WTG

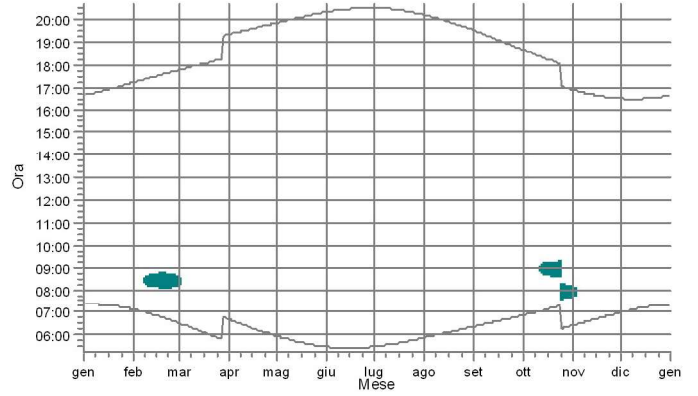
- WTG04: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (16)
- WTG05: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (17)
- WTG06: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (18)
- WTG07: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (19)

SHADOW - Calendario, grafico

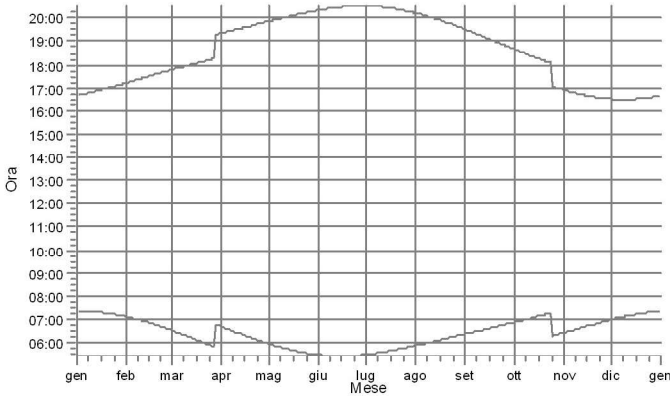
15A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (76)



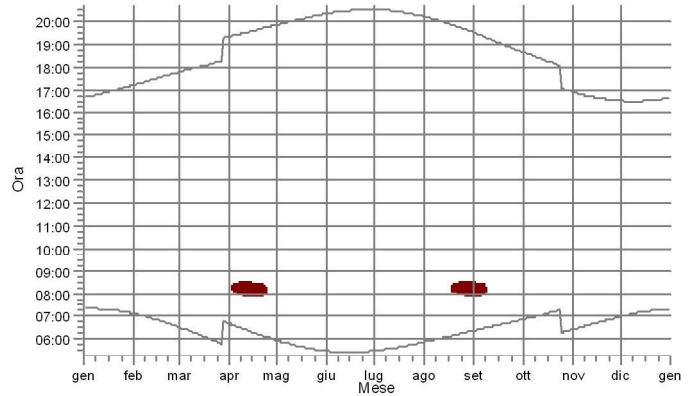
16A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (77)



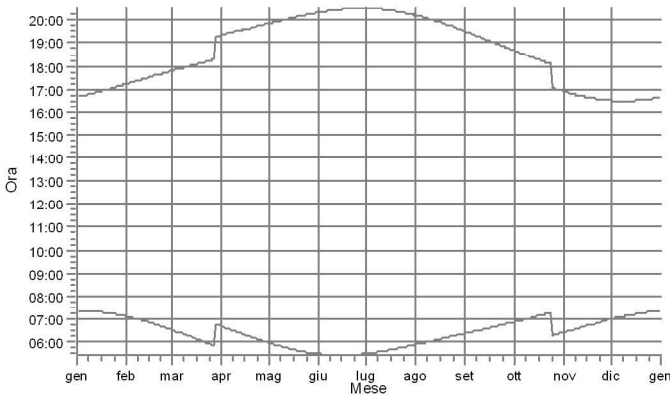
17A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (78)



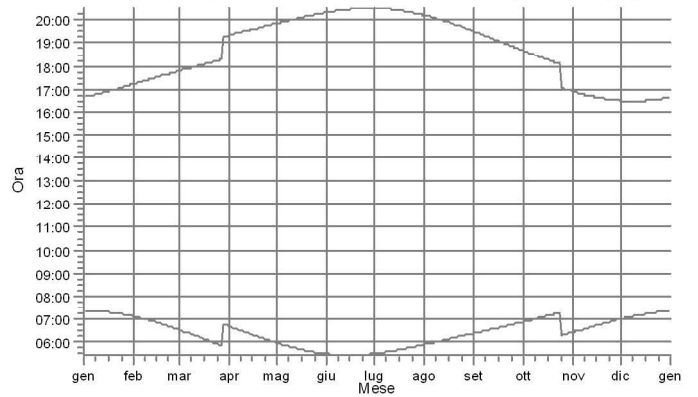
18A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (79)



19A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (80)



1A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (63)

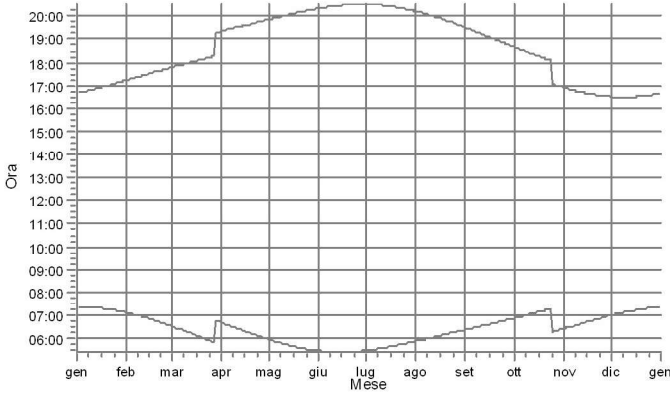


WTG

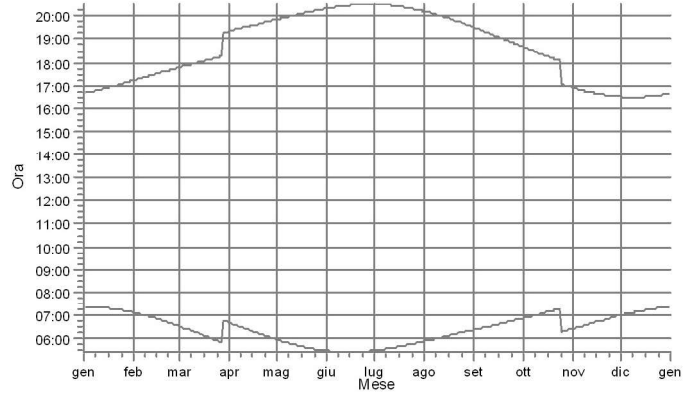
- WTG06: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (18)
- WTG08: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (20)

SHADOW - Calendario, grafico

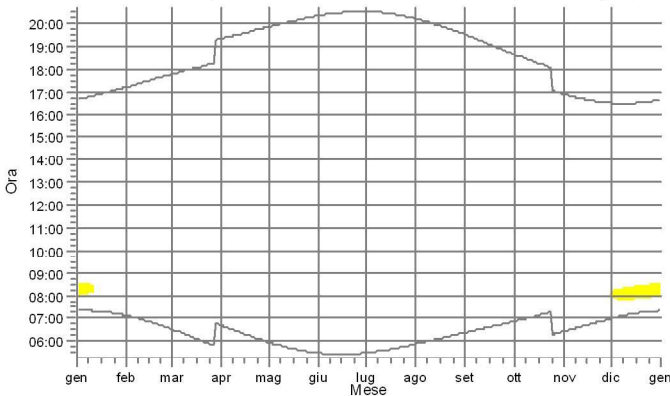
1D: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (82)



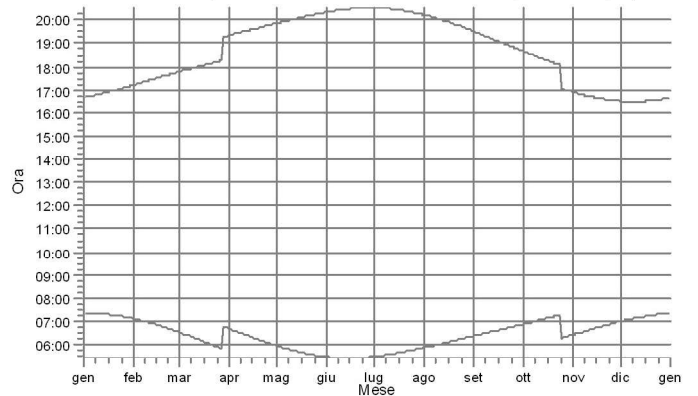
1R: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (90)



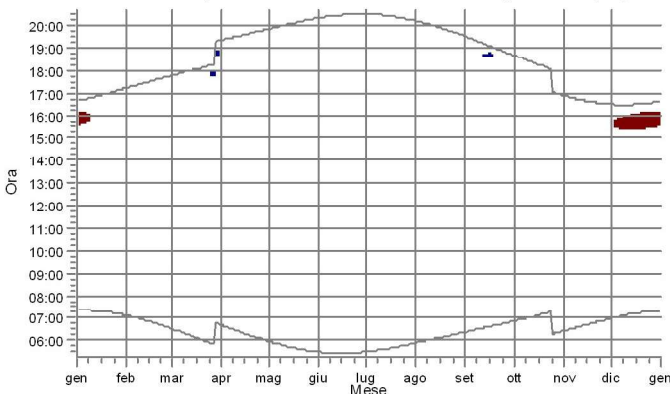
20A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (81)



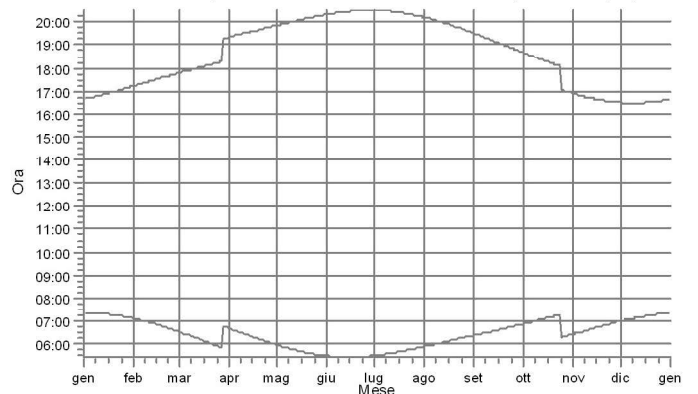
2D: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (83)



2R: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (91)



3A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (64)

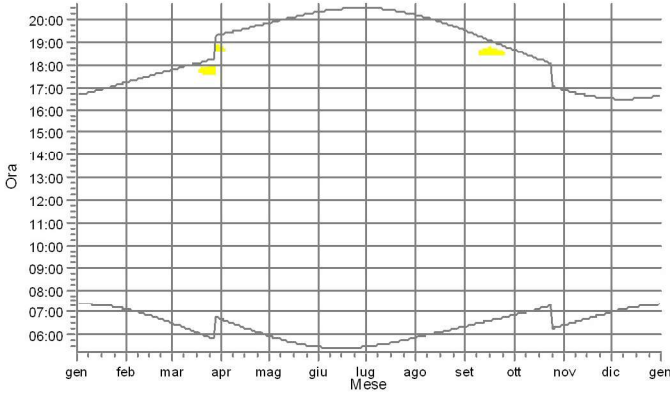


WTG

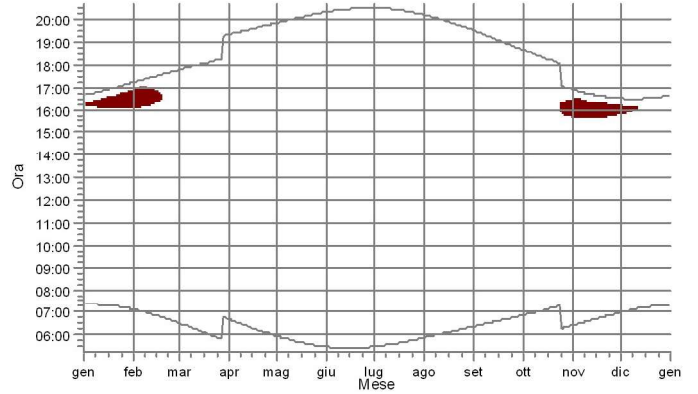
- WTG02: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (14)
- WTG07: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (19)
- WTG08: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (20)

SHADOW - Calendario, grafico

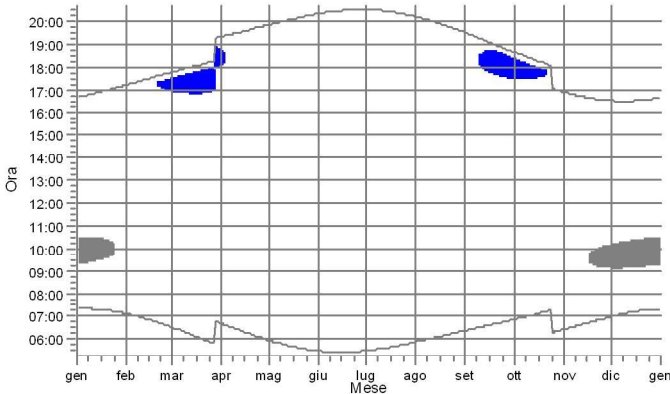
3D: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (84)



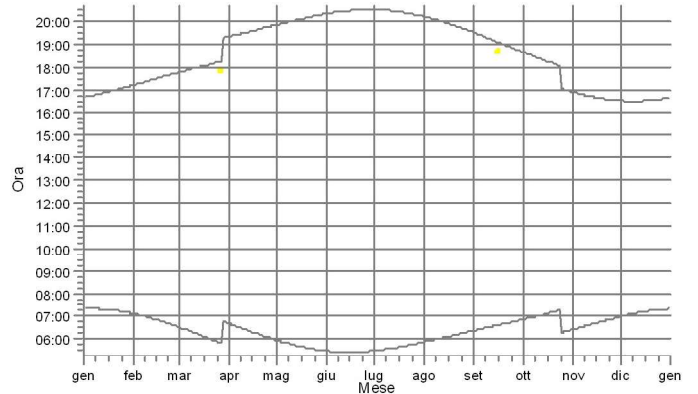
3R: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (92)



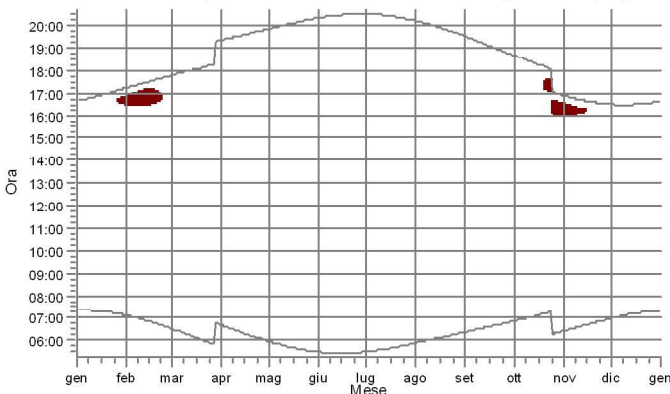
4A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (65)



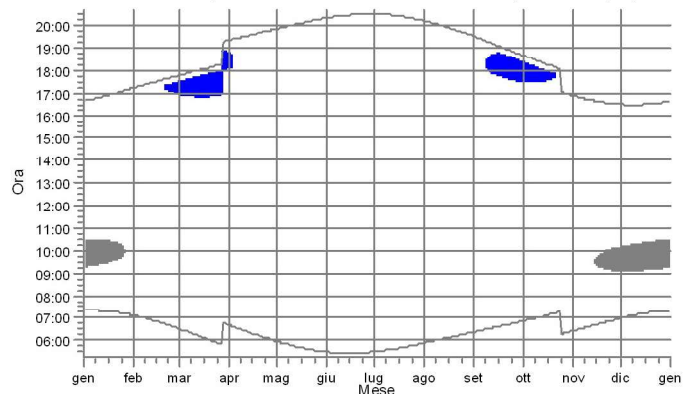
4D: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (85)



4R: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (93)



5A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (66)

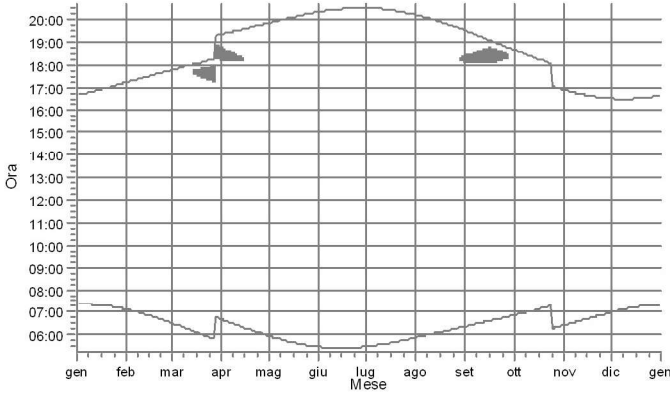


WTG

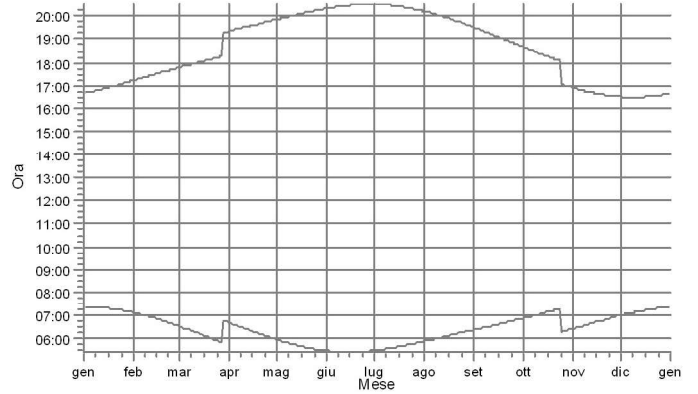
- WTG02: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (14)
- WTG03: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (15)
- WTG04: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (16)
- WTG08: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (20)

SHADOW - Calendario, grafico

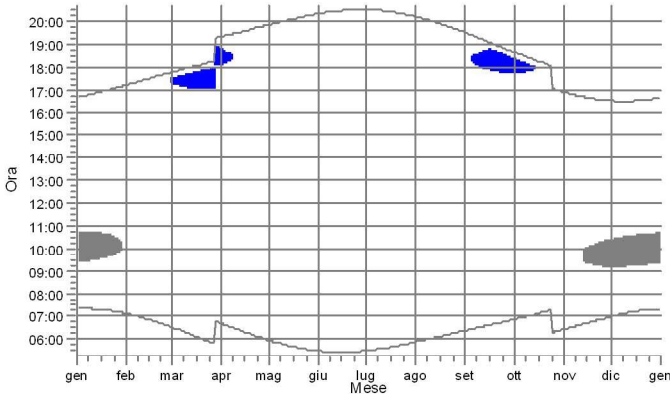
5D: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (86)



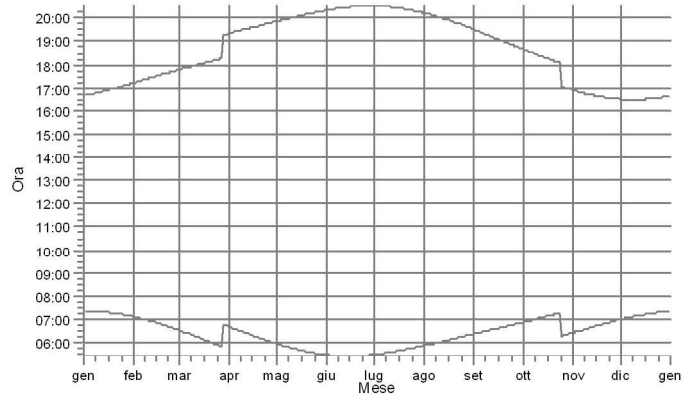
5R: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (94)



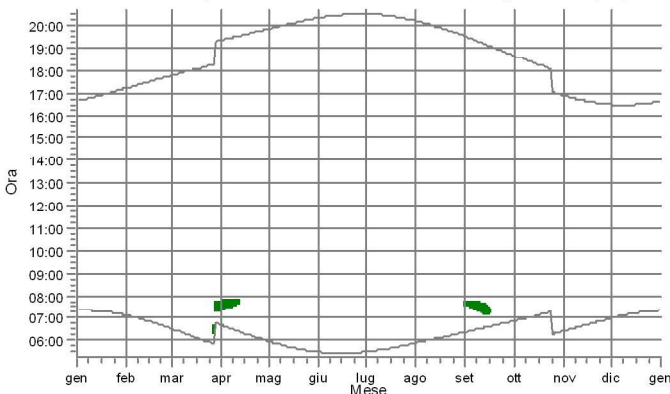
6A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (67)



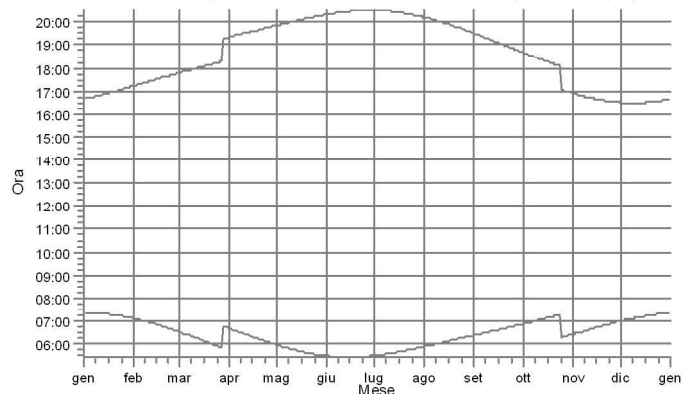
6D: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (87)



6R: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (95)



7A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (68)

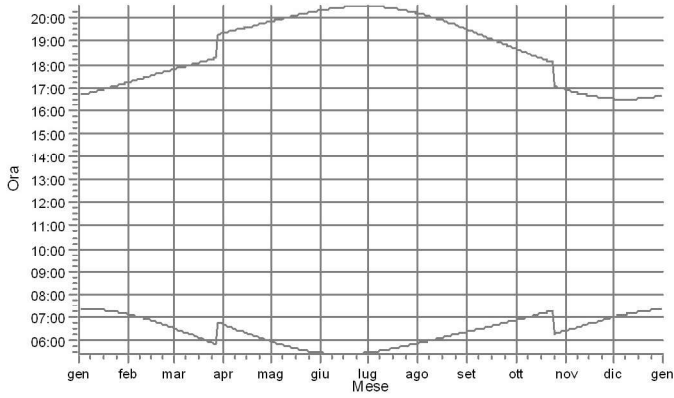


WTG

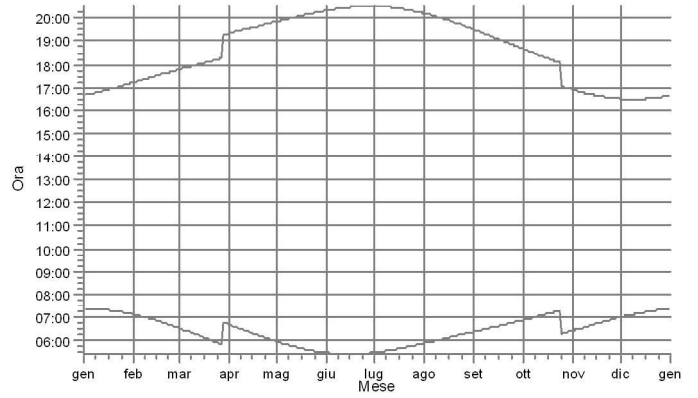
- WTG01: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (13)
- WTG03: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (15)
- WTG04: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (16)

SHADOW - Calendario, grafico

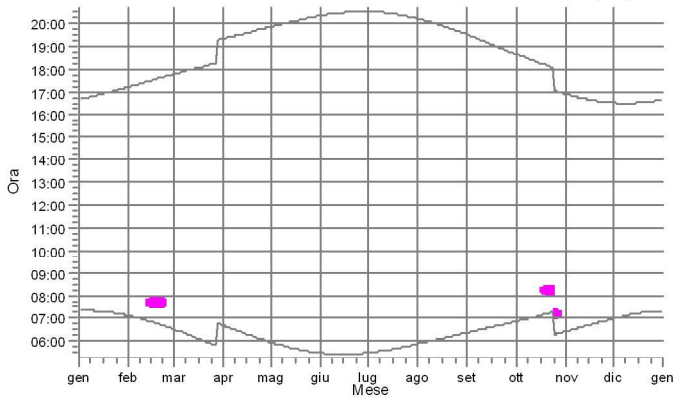
7D: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (88)



8A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (69)



9A: Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (70)



WTG

WTG05: VESTAS V150-5.6 5600 150.0 !O! hub: 105,0 m (TOT: 180,0 m) (17)

SHADOW - Calendario

Recettore d'ombra: OR - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (89)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic
4,14	4,76	5,47	6,61	8,23	9,68	10,62	10,12	8,36	6,25	5,04	4,06

Tempo di operatività

0	Somma
3.000	3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:19	08:23 (WTG05)	07:07	06:32		
	16:40	9 08:32 (WTG05)	17:13	17:47	06:42	05:29
2	07:20	08:25 (WTG05)	07:06	06:30	27 08:31 (WTG04)	19:51
	16:41	6 08:31 (WTG05)	17:15	17:48	08:04 (WTG04)	05:28
3	07:20		07:05	06:29	25 08:29 (WTG04)	19:52
	16:42		17:16	17:49	08:06 (WTG04)	05:28
4	07:20		07:04	06:27	22 08:28 (WTG04)	19:53
	16:42		17:17	17:50	08:08 (WTG04)	05:53
5	07:20		07:03	06:25	17 08:25 (WTG04)	19:54
	16:43		17:18	17:51	08:11 (WTG04)	05:27
6	07:20		07:02	06:24	10 08:21 (WTG04)	19:55
	16:44		17:20	17:52		05:51
7	07:20		07:01	06:22		19:56
	16:45		17:21	17:53		05:49
8	07:20		06:59	06:21		19:57
	16:46		17:22	17:55		05:48
9	07:19		06:58	06:19		19:58
	16:47		17:23	17:56		05:47
10	07:19		06:57	06:18		19:59
	16:48		17:24	17:57		05:26
11	07:19		06:56	06:16		20:00
	16:49		17:26	17:58		05:45
12	07:19		06:55	06:14		20:01
	16:50		17:27	17:59		05:44
13	07:19		06:54	06:13		20:02
	16:51		17:28	18:00		05:43
14	07:18		06:52	06:11		20:03
	16:52		17:29	18:01		05:42
15	07:18		06:51	06:10	07:17 (WTG04)	19:33
	16:53		17:31	18:02	13 07:30 (WTG04)	20:04
16	07:18		06:50	06:08	07:13 (WTG04)	19:34
	16:55		17:32	18:03	20 07:33 (WTG04)	20:05
17	07:17		06:49	06:06	07:11 (WTG04)	19:35
	16:56		17:33	18:04	24 07:35 (WTG04)	20:06
18	07:17		06:47	06:05	07:09 (WTG04)	19:36
	16:57		17:34	18:05	27 07:36 (WTG04)	20:07
19	07:16		06:46	06:03	07:07 (WTG04)	19:37
	16:58		17:35	18:06	29 07:36 (WTG04)	20:08
20	07:16		06:45	06:01	07:07 (WTG04)	19:38
	16:59		17:36	18:07	31 07:38 (WTG04)	20:09
21	07:15		06:43	06:00	07:05 (WTG04)	19:39
	17:00		17:38	18:08	33 07:38 (WTG04)	20:10
22	07:14		06:42	05:58	07:04 (WTG04)	19:41
	17:01		17:39	18:09	34 07:38 (WTG04)	20:11
23	07:14		06:40	05:56	07:04 (WTG04)	19:42
	17:03		17:40	18:11	34 07:38 (WTG04)	20:12
24	07:13		06:39	05:55	07:03 (WTG04)	19:43
	17:04		17:41	18:12	35 07:38 (WTG04)	20:13
25	07:12		06:37	05:53	07:03 (WTG04)	19:44
	17:05		17:42	18:13	35 07:38 (WTG04)	20:14
26	07:12		06:36	05:52	07:03 (WTG04)	19:45
	17:06		17:43	18:14	34 07:37 (WTG04)	20:15
27	07:11		06:35	05:50	07:02 (WTG04)	19:46
	17:07		17:44	18:15	34 07:36 (WTG04)	20:16
28	07:10		06:33	05:48	07:03 (WTG04)	19:47
	17:09		17:46	18:16	33 07:36 (WTG04)	20:17
29	07:09			06:47	08:03 (WTG04)	19:48
	17:10			19:17	32 08:35 (WTG04)	05:59
30	07:08			06:45	08:02 (WTG04)	19:49
	17:11			19:18	32 08:34 (WTG04)	20:17
31	07:08			06:43	08:04 (WTG04)	19:50
	17:12			19:19	29 08:33 (WTG04)	05:29
Ore potenziali eliofania	299	298	370	398	447	450
Totale, caso peggiore	15		509	101		
Probabilità di eliofania	0,43		0,46	0,50		
Tempo di operatività rid.	0,34		0,34	0,34		
Dir. del vento rid.	0,68		0,19	0,19		
Totale ridotto	0,11		0,03	0,03		
Totale effettivo	2		16	3		

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: OR - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (89)

Assunzioni sui calcoli d'ombra

Probabilità di eliofanìa (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre		
1	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31		
2	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:30		
3	05:30 20:30	05:55 20:10	06:25 19:27	06:54 18:37	06:27 16:52	07:01 16:30		
4	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30		
5	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30		
6	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30		
7	05:33 20:29	05:58 20:05	06:28 19:20	08:07 (WTG04) 08:16 (WTG04)	06:58 18:30	06:32 16:48	07:05 16:30	
8	05:33 20:29	05:59 20:04	06:29 19:18	08:03 (WTG04) 08:20 (WTG04)	06:59 18:29	06:33 16:46	07:06 16:30	
9	05:34 20:29	06:00 20:03	06:30 19:17	08:01 (WTG04) 08:22 (WTG04)	07:00 18:27	06:34 16:45	07:07 16:30	
10	05:34 20:28	06:01 20:02	06:31 19:15	07:58 (WTG04) 08:22 (WTG04)	07:01 18:26	06:35 16:44	07:08 16:30	08:14 (WTG05)
11	05:35 20:28	06:02 20:00	06:32 19:14	07:56 (WTG04) 08:23 (WTG04)	07:02 18:24	06:37 16:43	07:08 16:30	6 08:22 (WTG05)
12	05:36 20:27	06:03 19:59	06:33 19:12	07:55 (WTG04) 08:24 (WTG04)	07:03 18:22	06:38 16:43	07:09 16:30	8 08:13 (WTG05)
13	05:37 20:27	06:04 19:58	06:34 19:10	07:54 (WTG04) 08:25 (WTG04)	07:04 18:21	06:39 16:42	07:10 16:30	10 08:12 (WTG05)
14	05:37 20:26	06:05 19:56	06:35 19:09	07:53 (WTG04) 08:25 (WTG04)	07:05 18:19	06:40 16:41	07:11 16:30	11 08:23 (WTG05)
15	05:38 20:26	06:06 19:55	06:36 19:07	07:52 (WTG04) 08:25 (WTG04)	07:06 18:18	06:41 16:40	07:12 16:30	12 08:25 (WTG05)
16	05:39 20:25	06:07 19:54	06:37 19:05	07:51 (WTG04) 08:26 (WTG04)	07:07 18:16	06:42 16:39	07:12 16:31	13 08:26 (WTG05)
17	05:40 20:25	06:08 19:52	06:38 19:03	07:51 (WTG04) 08:26 (WTG04)	07:08 18:15	06:44 16:38	07:13 16:31	14 08:27 (WTG05)
18	05:40 20:24	06:09 19:51	06:39 19:02	07:51 (WTG04) 08:25 (WTG04)	07:09 18:13	06:45 16:37	07:14 16:31	14 08:14 (WTG05)
19	05:41 20:23	06:10 19:49	06:40 19:00	07:50 (WTG04) 08:25 (WTG04)	07:10 18:12	06:46 16:37	07:14 16:32	14 08:28 (WTG05)
20	05:42 20:23	06:11 19:48	06:41 18:58	07:50 (WTG04) 08:25 (WTG04)	07:11 18:10	06:47 16:36	07:15 16:32	15 08:28 (WTG05)
21	05:43 20:22	06:12 19:47	06:42 18:57	07:50 (WTG04) 08:24 (WTG04)	07:13 18:09	06:48 16:35	07:15 16:33	15 08:29 (WTG05)
22	05:44 20:21	06:13 19:45	06:43 18:55	07:51 (WTG04) 08:23 (WTG04)	07:14 18:08	06:49 16:35	07:16 16:33	15 08:15 (WTG05)
23	05:45 20:20	06:14 19:44	06:44 18:53	07:51 (WTG04) 08:22 (WTG04)	07:15 18:06	06:50 16:34	07:16 16:34	15 08:30 (WTG05)
24	05:45 20:20	06:15 19:42	06:45 18:52	07:51 (WTG04) 08:21 (WTG04)	07:16 18:05	06:52 16:34	07:17 16:34	15 08:16 (WTG05)
25	05:46 20:19	06:16 19:41	06:46 18:50	07:52 (WTG04) 08:20 (WTG04)	06:17 17:03	06:53 16:33	07:17 16:35	15 08:31 (WTG05)
26	05:47 20:18	06:17 19:39	06:47 18:48	07:53 (WTG04) 08:18 (WTG04)	06:18 17:02	06:54 16:33	07:18 16:35	14 08:17 (WTG05)
27	05:48 20:17	06:18 19:38	06:48 18:47	07:55 (WTG04) 08:16 (WTG04)	06:19 17:01	06:55 16:32	07:18 16:36	14 08:31 (WTG05)
28	05:49 20:16	06:19 19:36	06:49 18:45	07:57 (WTG04) 08:13 (WTG04)	06:20 16:59	06:56 16:32	07:18 16:37	14 08:19 (WTG05)
29	05:50 20:15	06:20 19:35	06:50 18:43	08:01 (WTG04) 08:08 (WTG04)	06:22 16:58	06:57 16:31	07:19 16:37	13 08:32 (WTG05)
30	05:51 20:14	06:21 19:33	06:51 18:42		06:23 16:57	06:58 16:31	07:19 16:38	13 08:20 (WTG05)
31	05:52 20:13	06:22 19:31			06:24 16:56		07:19 16:39	11 08:31 (WTG05)
								10 08:22 (WTG05)
								10 08:32 (WTG05)
Ore potenziali eliofanìa	457	427	375	346	299	290		
Totale, caso peggiore			621					281
Probabilità di eliofanìa			0,67					0,43
Tempo di operatività rid.			0,34					0,34
Dir. del vento rid.			0,19					0,68
Totale ridotto			0,05					0,11
Totale effettivo			29					30

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 10A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (71)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:31 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:19 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:23 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:42	07:05 17:16	06:28 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:24 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:29	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:49 19:57	05:26 20:24	05:32 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	07:05 16:30
8	07:19 16:46	06:59 17:22	06:21 17:54	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 16:43	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:42	07:09 16:30
13	07:18 16:51	06:54 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:25 20:27	05:37 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 17:30	06:10 18:02	06:19 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 16:40	07:11 16:30
16	07:17 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:48 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:25 20:28	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:13 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	06:46 16:37	07:14 16:32
20	07:15 16:59	06:44 17:36	06:01 18:07	06:12 19:39	05:36 20:09	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:11 19:40	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:12 18:09	06:48 16:35	07:15 16:33
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 19:41	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:10	06:08 19:42	05:34 20:12	05:26 20:30	05:44 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	07:16 16:34
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:19	06:15 19:42	06:45 18:52	07:16 18:05	06:51 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:17 17:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:51 18:14	06:03 19:46	05:32 20:15	05:27 20:30	05:47 20:18	06:17 19:39	06:47 18:48	06:18 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:34 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:30	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16	05:28 20:30	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10	06:47 19:17	05:59 19:49	05:30 20:17	05:28 20:30	05:28 20:15	05:50 19:34	06:20 18:43	06:50 16:58	06:21 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11	06:45 19:18	05:58 19:50	05:30 20:18	05:29 20:30	05:29 20:14	05:51 19:33	06:21 18:42	06:51 16:57	06:23 16:31	06:58 16:31	07:19 16:38
31	07:07 17:12	06:43 19:19	06:43 19:19	06:43 19:19	05:29 20:19	05:29 20:13	05:52 19:31	06:22 19:31	06:24 16:56	06:24 16:56	06:59 16:39	07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

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

Recettore d'ombra: 11A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (72)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Gennaio		Febbraio		Marzo		Aprile		Maggio		Giugno	
1	07:19		13:14 (WTG07)	07:07		06:32		08:07 (WTG06)	06:42		05:57	05:29
	16:40	30	13:44 (WTG07)	17:13		17:47	66	09:13 (WTG06)	19:20		19:51	20:20
2	07:19		13:15 (WTG07)	07:06		06:30		08:07 (WTG06)	06:40		05:56	05:28
	16:41	29	13:44 (WTG07)	17:15		17:48	66	09:13 (WTG06)	19:21		19:52	20:20
3	07:20		13:17 (WTG07)	07:05		06:28		08:06 (WTG06)	06:38		05:54	05:28
	16:42	26	13:43 (WTG07)	17:16		17:49	67	09:13 (WTG06)	19:22		19:53	20:21
4	07:20		13:19 (WTG07)	07:04		06:27		08:06 (WTG06)	06:37		05:53	05:27
	16:42	23	13:42 (WTG07)	17:17		17:50	67	09:13 (WTG06)	19:23		19:54	20:22
5	07:20		13:21 (WTG07)	07:03		06:25		08:06 (WTG06)	06:35		05:52	05:27
	16:43	20	13:41 (WTG07)	17:18		17:51	66	09:12 (WTG06)	19:24		19:55	20:22
6	07:20		13:24 (WTG07)	07:02		06:24		08:06 (WTG06)	06:34		05:51	05:27
	16:44	14	13:38 (WTG07)	17:20		17:52	66	09:12 (WTG06)	19:25		19:56	20:23
7	07:20		13:29 (WTG07)	07:01		06:22		08:05 (WTG06)	06:32		05:49	05:27
	16:45	5	13:34 (WTG07)	17:21		17:53	66	09:11 (WTG06)	19:26		19:57	20:24
8	07:20			06:59		06:21		08:05 (WTG06)	06:30		05:48	05:26
	16:46			17:22		17:55	65	09:10 (WTG06)	19:27		19:58	20:24
9	07:19			06:58		06:19		08:05 (WTG06)	06:29		05:47	05:26
	16:47			17:23		17:56	65	09:10 (WTG06)	19:28		19:59	20:25
10	07:19			06:57		06:18		08:05 (WTG06)	06:27		05:46	05:26
	16:48			17:24	8	08:39 (WTG06)	17:57	09:09 (WTG06)	19:29		20:00	20:25
11	07:19			06:56		06:16		08:06 (WTG06)	06:26		05:45	05:26
	16:49			17:26	20	08:52 (WTG06)	17:58	09:08 (WTG06)	19:30		20:01	20:26
12	07:19			06:55		06:14		08:06 (WTG06)	06:24		05:44	05:26
	16:50			17:27	28	08:56 (WTG06)	17:59	09:07 (WTG06)	19:31		20:02	20:26
13	07:18			06:54		06:13		08:05 (WTG06)	06:23		05:43	05:26
	16:51			17:28	33	08:59 (WTG06)	18:00	09:05 (WTG06)	19:32		20:03	20:27
14	07:18			06:52		06:11		08:06 (WTG06)	06:21		05:42	05:25
	16:52			17:29	38	09:02 (WTG06)	18:01	09:04 (WTG06)	19:33		20:04	20:27
15	07:18			06:51		06:10		08:07 (WTG06)	06:19		05:41	05:25
	16:53			17:30	42	09:03 (WTG06)	18:02	09:03 (WTG06)	19:34		20:05	20:28
16	07:17			06:50		06:08		08:07 (WTG06)	06:18		05:40	05:25
	16:55			17:32	45	09:05 (WTG06)	18:03	09:01 (WTG06)	19:35		20:06	20:28
17	07:17			06:48		06:06		08:08 (WTG06)	06:16		05:39	05:26
	16:56			17:33	49	09:07 (WTG06)	18:04	09:00 (WTG06)	19:36		20:07	20:28
18	07:17			06:47		06:05		08:08 (WTG06)	06:15		05:38	05:26
	16:57			17:34	51	09:07 (WTG06)	18:05	08:58 (WTG06)	19:37		20:08	20:29
19	07:16			06:46		06:03		08:09 (WTG06)	06:13		05:37	05:26
	16:58			17:35	54	09:09 (WTG06)	18:06	08:55 (WTG06)	19:38		20:09	20:29
20	07:16			06:44		06:01		08:11 (WTG06)	06:12		05:36	05:26
	16:59			17:36	55	09:09 (WTG06)	18:07	08:54 (WTG06)	19:39		20:10	20:29
21	07:15			06:43		06:00		08:12 (WTG06)	06:11		05:36	05:26
	17:00			17:38	58	09:11 (WTG06)	18:08	08:51 (WTG06)	19:40		20:10	20:30
22	07:14			06:42		05:58		08:13 (WTG06)	06:09		05:35	05:26
	17:01			17:39	60	09:12 (WTG06)	18:09	08:48 (WTG06)	19:41		20:11	20:30
23	07:14			06:40		05:56		08:16 (WTG06)	06:08		05:34	05:26
	17:03			17:40	61	09:12 (WTG06)	18:11	08:45 (WTG06)	19:43		20:12	20:30
24	07:13			06:39		05:55		08:18 (WTG06)	06:06		05:33	05:27
	17:04			17:41	63	09:13 (WTG06)	18:12	08:41 (WTG06)	19:44		20:13	20:30
25	07:12			06:37		05:53		08:22 (WTG06)	06:05		05:33	05:27
	17:05			17:42	64	09:13 (WTG06)	18:13	08:35 (WTG06)	19:45		20:14	20:30
26	07:12			06:36		05:52			06:03		05:32	05:27
	17:06			17:43	64	09:13 (WTG06)	18:14		19:46		20:15	20:30
27	07:11			06:34		05:50			06:02		05:31	05:28
	17:07			17:44	65	09:13 (WTG06)	18:15		19:47		20:16	20:30
28	07:10			06:33		05:48			06:01		05:31	05:28
	17:09			17:46	66	09:14 (WTG06)	18:16		19:48		20:16	20:30
29	07:09					06:47			05:59		05:30	05:28
	17:10					19:17			19:49		20:17	20:30
30	07:08					06:45			05:58		05:30	05:29
	17:11					19:18			19:50		20:18	20:30
31	07:08					06:43					05:29	
	17:12					19:19					20:19	
Ore potenziali eliofania	299		298			370			398		447	450
Totale, caso peggiore	147		924			1339						
Probabilità di eliofania	0,43		0,45			0,46						
Tempo di operatività rid.	0,34		0,34			0,34						
Dir. del vento rid.	0,95		0,51			0,51						
Totale ridotto	0,14		0,08			0,08						
Totale effettivo	21		74			109						

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 11A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (72)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Luglio	Agosto	Settembre	Settembre	Ottobre	Novembre	Dicembre	
1	05:29	05:53	06:23		06:52	08:44 (WTG06)	06:25	06:59
	20:30	20:12	19:30		18:40	09:45 (WTG06)	16:54	16:31
2	05:30	05:54	06:24		06:53	08:44 (WTG06)	06:26	07:00
	20:30	20:11	19:28		18:38	09:45 (WTG06)	16:53	16:30
3	05:30	05:55	06:25		06:54	08:43 (WTG06)	06:27	07:01
	20:30	20:10	19:27		18:37	09:46 (WTG06)	16:52	16:30
4	05:31	05:55	06:25		06:55	08:43 (WTG06)	06:28	07:02
	20:30	20:09	19:25		18:35	09:47 (WTG06)	16:51	16:30
5	05:31	05:56	06:26		06:56	08:43 (WTG06)	06:30	07:03
	20:30	20:08	19:23		18:34	09:47 (WTG06)	16:50	13:16 (WTG07)
6	05:32	05:57	06:27		06:57	08:42 (WTG06)	06:31	13:17 (WTG07)
	20:29	20:06	19:22		18:32	09:48 (WTG06)	16:49	13:10 (WTG07)
7	05:33	05:58	06:28		06:58	08:42 (WTG06)	06:32	13:08 (WTG07)
	20:29	20:05	19:20		18:30	09:48 (WTG06)	16:48	13:27 (WTG07)
8	05:33	05:59	06:29		06:59	08:41 (WTG06)	06:33	13:06 (WTG07)
	20:29	20:04	19:18		18:29	09:48 (WTG06)	16:46	13:29 (WTG07)
9	05:34	06:00	06:30		07:00	08:41 (WTG06)	06:34	13:05 (WTG07)
	20:29	20:03	19:17		18:27	09:48 (WTG06)	16:45	13:31 (WTG07)
10	05:34	06:01	06:31		07:01	08:41 (WTG06)	06:35	13:04 (WTG07)
	20:28	20:02	19:15		18:26	09:47 (WTG06)	16:44	13:37 (WTG07)
11	05:35	06:02	06:32		07:02	08:40 (WTG06)	06:37	13:04 (WTG07)
	20:28	20:00	19:13		18:24	09:47 (WTG06)	16:43	13:34 (WTG07)
12	05:36	06:03	06:33		07:03	08:40 (WTG06)	06:38	13:04 (WTG07)
	20:27	19:59	19:12		18:22	09:47 (WTG06)	16:43	13:36 (WTG07)
13	05:37	06:04	06:34		07:04	08:40 (WTG06)	06:39	13:02 (WTG07)
	20:27	19:58	19:10		18:21	09:46 (WTG06)	16:42	13:36 (WTG07)
14	05:37	06:05	06:35		07:05	08:40 (WTG06)	06:40	13:02 (WTG07)
	20:26	19:56	19:08		18:19	09:46 (WTG06)	16:41	13:37 (WTG07)
15	05:38	06:06	06:36		07:06	08:40 (WTG06)	06:41	13:03 (WTG07)
	20:26	19:55	19:07		18:18	09:45 (WTG06)	16:40	13:39 (WTG07)
16	05:39	06:07	06:37		07:07	08:41 (WTG06)	06:42	13:02 (WTG07)
	20:25	19:54	19:05		18:16	09:45 (WTG06)	16:39	13:39 (WTG07)
17	05:40	06:08	06:38		07:08	08:41 (WTG06)	06:44	13:02 (WTG07)
	20:25	19:52	19:03		18:15	09:44 (WTG06)	16:38	13:40 (WTG07)
18	05:40	06:09	06:39	09:12 (WTG06)	07:09	08:42 (WTG06)	06:45	13:03 (WTG07)
	20:24	19:51	19:02	10	09:22 (WTG06)	18:13	16:37	13:41 (WTG07)
19	05:41	06:10	06:40	09:06 (WTG06)	07:10	08:43 (WTG06)	06:46	13:02 (WTG07)
	20:23	19:49	19:00	21	09:27 (WTG06)	18:12	16:37	13:41 (WTG07)
20	05:42	06:11	06:41	09:03 (WTG06)	07:11	08:43 (WTG06)	06:47	13:03 (WTG07)
	20:23	19:48	18:58	28	09:31 (WTG06)	18:10	16:36	13:42 (WTG07)
21	05:43	06:12	06:42	09:00 (WTG06)	07:13	08:44 (WTG06)	06:48	13:03 (WTG07)
	20:22	19:47	18:57	33	09:33 (WTG06)	18:09	16:35	13:42 (WTG07)
22	05:44	06:13	06:43	08:58 (WTG06)	07:14	08:45 (WTG06)	06:49	13:04 (WTG07)
	20:21	19:45	18:55	38	09:36 (WTG06)	18:08	16:35	13:43 (WTG07)
23	05:45	06:14	06:44	08:56 (WTG06)	07:15	08:45 (WTG06)	06:50	13:04 (WTG07)
	20:20	19:44	18:53	41	09:37 (WTG06)	18:06	16:34	13:43 (WTG07)
24	05:45	06:15	06:45	08:54 (WTG06)	07:16	08:47 (WTG06)	06:52	13:05 (WTG07)
	20:20	19:42	18:52	45	09:39 (WTG06)	18:05	16:34	13:44 (WTG07)
25	05:46	06:16	06:46	08:52 (WTG06)	06:17	07:48 (WTG06)	06:53	13:06 (WTG07)
	20:19	19:41	18:50	48	09:40 (WTG06)	17:03	16:33	13:44 (WTG07)
26	05:47	06:17	06:47	08:51 (WTG06)	06:18	07:50 (WTG06)	06:54	13:06 (WTG07)
	20:18	19:39	18:48	51	09:42 (WTG06)	17:02	16:33	13:44 (WTG07)
27	05:48	06:18	06:48	08:49 (WTG06)	06:19	07:51 (WTG06)	06:55	13:08 (WTG07)
	20:17	19:38	18:47	53	09:42 (WTG06)	17:01	16:32	13:45 (WTG07)
28	05:49	06:19	06:49	08:47 (WTG06)	06:20	07:53 (WTG06)	06:56	13:08 (WTG07)
	20:16	19:36	18:45	56	09:43 (WTG06)	16:59	16:32	13:45 (WTG07)
29	05:50	06:20	06:50	08:46 (WTG06)	06:21	07:56 (WTG06)	06:57	13:09 (WTG07)
	20:15	19:34	18:43	58	09:44 (WTG06)	16:58	16:31	13:44 (WTG07)
30	05:51	06:21	06:51	08:45 (WTG06)	06:23	07:59 (WTG06)	06:58	13:10 (WTG07)
	20:14	19:33	18:42	59	09:44 (WTG06)	16:57	16:31	13:44 (WTG07)
31	05:52	06:22			06:24	08:02 (WTG06)		13:11 (WTG07)
	20:13	19:31			16:56	08:21 (WTG06)	16:39	13:44 (WTG07)
Ore potenziali eliofania	457	427	375		346		299	290
Totale, caso peggiore				541		1747		878
Probabilità di eliofania				0,67		0,56		0,43
Tempo di operatività rid.				0,34		0,34		0,34
Dir. del vento rid.				0,51		0,51		0,95
Totale ridotto				0,12		0,10		0,14
Totale effettivo				64		174		126

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

Recettore d'ombra: 12A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (73)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Gennaio		Febbraio		Marzo		Aprile		Maggio		Giugno	
1	07:19		10:50 (WTG07)	07:07	06:32		07:55 (WTG06)	06:42	05:57	05:29		
	16:40	42	11:32 (WTG07)	17:14	17:47	40	08:35 (WTG06)	19:20	19:51	20:20		
2	07:20		10:51 (WTG07)	07:06	06:30		07:55 (WTG06)	06:40	05:56	05:28		
	16:41	41	11:32 (WTG07)	17:15	17:48	41	08:36 (WTG06)	19:21	19:52	20:20		
3	07:20		10:52 (WTG07)	07:05	06:28		07:53 (WTG06)	06:38	05:54	05:28		
	16:42	40	11:32 (WTG07)	17:16	17:49	42	08:35 (WTG06)	19:22	19:53	20:21		
4	07:20		10:53 (WTG07)	07:04	06:27		07:53 (WTG06)	06:37	05:53	05:27		
	16:42	38	11:31 (WTG07)	17:17	17:50	43	08:36 (WTG06)	19:23	19:54	20:22		
5	07:20		10:54 (WTG07)	07:03	06:25		07:52 (WTG06)	06:35	05:52	05:27		
	16:43	37	11:31 (WTG07)	17:18	17:51	43	08:35 (WTG06)	19:24	19:55	20:22		
6	07:20		10:55 (WTG07)	07:02	06:24		07:53 (WTG06)	06:34	05:51	05:27		
	16:44	35	11:30 (WTG07)	17:20	17:52	43	08:36 (WTG06)	19:25	19:56	20:23		
7	07:20		10:56 (WTG07)	07:01	06:22		07:52 (WTG06)	06:32	05:49	05:27		
	16:45	33	11:29 (WTG07)	17:21	17:53	43	08:35 (WTG06)	19:26	19:57	20:24		
8	07:20		10:58 (WTG07)	06:59	06:21		07:51 (WTG06)	06:30	05:48	05:26		
	16:46	30	11:28 (WTG07)	17:22	17:55	43	08:34 (WTG06)	19:27	19:58	20:24		
9	07:19		11:00 (WTG07)	06:58	06:19		07:52 (WTG06)	06:29	05:47	05:26		
	16:47	27	11:27 (WTG07)	17:23	17:56	42	08:34 (WTG06)	19:28	19:59	20:25		
10	07:19		11:03 (WTG07)	06:57	06:18		07:52 (WTG06)	06:27	05:46	05:26		
	16:48	23	11:26 (WTG07)	17:24	17:57	41	08:33 (WTG06)	19:29	20:00	20:25		
11	07:19		11:05 (WTG07)	06:56	06:16		07:52 (WTG06)	06:26	05:45	05:26		
	16:49	18	11:23 (WTG07)	17:26	17:58	40	08:32 (WTG06)	19:30	20:01	20:26		
12	07:19		11:09 (WTG07)	06:55	06:14		07:52 (WTG06)	06:24	05:44	05:26		
	16:50	11	11:20 (WTG07)	17:27	17:59	39	08:31 (WTG06)	19:31	20:02	20:26		
13	07:19			06:54	06:13		07:52 (WTG06)	06:23	05:43	05:26		
	16:51			17:28	18:00	37	08:29 (WTG06)	19:32	20:03	20:27		
14	07:18			06:52	06:11		07:54 (WTG06)	06:21	05:42	05:25		
	16:52			17:29	18:01	35	08:29 (WTG06)	19:33	20:04	20:27		
15	07:18			06:51	06:10		07:54 (WTG06)	06:20	05:41	05:25		
	16:53			17:31	18:02	33	08:27 (WTG06)	19:34	20:05	20:28		
16	07:17			06:50	06:08		07:55 (WTG06)	06:18	05:40	05:25		
	16:55			17:32	18:03	29	08:24 (WTG06)	19:35	20:06	20:28		
17	07:17			06:48	06:06		07:57 (WTG06)	06:16	05:39	05:26		
	16:56			17:33	18:04	26	08:23 (WTG06)	19:36	20:07	20:29		
18	07:17			06:47	06:05		07:58 (WTG06)	06:15	05:38	05:26		
	16:57			17:34	18:05	22	08:20 (WTG06)	19:37	20:08	20:29		
19	07:16			06:46	06:03		08:01 (WTG06)	06:13	05:37	05:26		
	16:58			17:35	18:06	15	08:16 (WTG06)	19:38	20:09	20:29		
20	07:16			06:44	06:01			06:12	05:36	05:26		
	16:59			17:36	18:07			19:39	20:10	20:29		
21	07:15		06:43	08:09 (WTG06)	06:00			06:11	05:36	05:26		
	17:00		17:38	14 08:23 (WTG06)	18:08			19:40	20:10	20:30		
22	07:14		06:42	08:06 (WTG06)	05:58			06:09	05:35	05:26		
	17:01		17:39	21 08:27 (WTG06)	18:09			19:42	20:11	20:30		
23	07:14		06:40	08:03 (WTG06)	05:56			06:08	05:34	05:26		
	17:03		17:40	26 08:29 (WTG06)	18:11			19:43	20:12	20:30		
24	07:13		06:39	08:02 (WTG06)	05:55			06:06	05:33	05:27		
	17:04		17:41	29 08:31 (WTG06)	18:12			19:44	20:13	20:30		
25	07:12		06:37	07:59 (WTG06)	05:53			06:05	05:33	05:27		
	17:05		17:42	33 08:32 (WTG06)	18:13			19:45	20:14	20:30		
26	07:12		06:36	07:58 (WTG06)	05:52			06:03	05:32	05:27		
	17:06		17:43	35 08:33 (WTG06)	18:14			19:46	20:15	20:30		
27	07:11		06:34	07:57 (WTG06)	05:50			06:02	05:31	05:28		
	17:07		17:44	37 08:34 (WTG06)	18:15			19:47	20:16	20:30		
28	07:10		06:33	07:56 (WTG06)	05:48			06:01	05:31	05:28		
	17:09		17:46	39 08:35 (WTG06)	18:16			19:48	20:16	20:31		
29	07:09				06:47			05:59	05:30	05:28		
	17:10				19:17			19:49	20:17	20:31		
30	07:08				06:45			05:58	05:30	05:29		
	17:11				19:18			19:50	20:18	20:30		
31	07:08				06:43				05:29			
	17:12				19:19				20:19			
Ore potenziali eliofania	299		298		370		398	447	450			
Totale, caso peggiore	375		234		697							
Probabilità di eliofania	0,43		0,45		0,46							
Tempo di operatività rid.	0,34		0,34		0,34							
Dir. del vento rid.	0,98		0,43		0,43							
Totale ridotto	0,15		0,07		0,07							
Totale effettivo	56		16		48							

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 12A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (73)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic
4,14	4,76	5,47	6,61	8,23	9,68	10,62	10,12	8,36	6,25	5,04	4,06

Tempo di operatività

0 Somma

3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	08:31 (WTG06) 16:25	06:59 16:31
2	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	08:30 (WTG06) 16:53	07:00 16:30
3	05:30 20:30	05:55 20:10	06:25 19:27	06:54 18:37	08:29 (WTG06) 16:52	07:01 16:30
4	05:31 20:30	05:56 20:09	06:25 19:25	06:55 18:35	08:30 (WTG06) 16:51	07:02 16:30
5	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	08:29 (WTG06) 16:50	07:03 16:30
6	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:32	08:29 (WTG06) 16:49	07:04 16:30
7	05:33 20:29	05:58 20:05	06:28 19:20	06:58 18:30	08:28 (WTG06) 16:48	07:05 16:30
8	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	08:28 (WTG06) 16:46	07:06 16:30
9	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	08:28 (WTG06) 16:45	07:07 16:30
10	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	08:28 (WTG06) 16:44	07:08 16:30
11	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	08:28 (WTG06) 16:43	07:08 16:30
12	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	08:28 (WTG06) 16:43	07:09 16:30
13	05:37 20:27	06:04 19:58	06:34 19:10	07:04 18:21	08:29 (WTG06) 16:42	07:10 16:30
14	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19	08:29 (WTG06) 16:41	07:11 16:30
15	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	08:30 (WTG06) 16:40	07:12 16:30
16	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	08:30 (WTG06) 16:39	07:12 16:31
17	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	08:31 (WTG06) 16:38	07:13 16:31
18	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	08:34 (WTG06) 16:37	07:14 16:31
19	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	09:02 (WTG06) 16:37	07:14 16:32
20	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	09:00 (WTG06) 16:36	07:15 16:32
21	05:43 20:22	06:12 19:47	06:42 18:57	07:13 18:09	08:38 (WTG06) 16:35	07:15 16:33
22	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	08:41 (WTG06) 16:35	07:16 16:33
23	05:45 20:20	06:14 19:44	06:44 18:53	07:15 18:06	08:53 (WTG06) 16:34	07:16 16:34
24	05:45 20:20	06:15 19:42	06:45 18:52	07:16 18:05	08:46 (WTG06) 16:34	07:17 16:34
25	05:46 20:19	06:16 19:41	06:46 18:50	07:17 18:03	08:59 (WTG06) 16:33	07:17 16:35
26	05:47 20:18	06:17 19:39	06:47 18:48	07:18 18:02	09:02 (WTG06) 16:33	07:18 16:35
27	05:48 20:17	06:18 19:38	06:48 18:47	07:19 18:01	09:05 (WTG06) 16:32	07:18 16:36
28	05:49 20:16	06:19 19:36	06:49 18:45	07:20 18:00	08:38 (WTG06) 16:32	07:18 16:37
29	05:50 20:15	06:20 19:34	06:50 18:43	07:21 17:58	09:07 (WTG06) 16:31	07:19 16:37
30	05:51 20:14	06:21 19:33	06:51 18:42	07:22 17:57	09:06 (WTG06) 16:31	07:19 16:38
31	05:52 20:13	06:22 19:31		07:23 17:56	09:09 (WTG06) 16:31	07:19 16:39
Ore potenziali eliofania	457	427	375	346	299	290
Totale, caso peggiore			188	761	11	1275
Probabilità di eliofania			0,67	0,56	0,50	0,43
Tempo di operatività rid.			0,34	0,34	0,34	0,34
Dir. del vento rid.			0,43	0,43	0,98	0,98
Totale ridotto			0,10	0,08	0,18	0,15
Totale effettivo			19	65	2	193

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 13A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (74)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:14	06:31 17:47	06:42 19:20	05:57 19:51	05:29 20:19	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:19 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:42	07:05 17:16	06:28 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:25 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:28 20:22	05:31 20:30	05:56 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
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Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 14A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (75)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:14	06:31 17:47	06:42 19:20	05:57 19:51	05:29 20:19	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
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Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 15A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (76)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:14	06:31 17:47	06:42 19:20	05:57 19:51	05:29 20:19	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
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17	07:17 16:56	06:48 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:26 20:28	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	06:43 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 16:38	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:14 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	06:46 16:37	07:14 16:32
20	07:15 16:59	06:44 17:36	06:01 18:07	06:12 19:39	05:37 20:09	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:11 19:40	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:12 18:09	06:48 16:35	07:15 16:33
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 19:41	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:10	06:08 19:42	05:34 20:12	05:26 20:30	05:45 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	07:16 16:34
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:19	06:15 19:42	06:45 18:52	07:16 18:05	06:51 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:17 17:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:52 18:14	06:04 19:46	05:32 20:15	05:27 20:30	05:47 20:18	06:17 19:39	06:47 18:48	06:18 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:34 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:30	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16	05:28 20:30	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10	06:47 19:17	05:59 19:49	05:30 20:17	05:30 20:17	05:28 20:30	05:50 20:15	06:20 19:34	06:50 18:43	06:21 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11	06:45 19:18	05:58 19:50	05:30 20:18	05:30 20:18	05:29 20:30	05:51 20:14	06:21 19:33	06:51 18:42	06:23 16:57	06:58 16:31	07:19 16:38
31	07:07 17:12	06:43 19:19	06:43 19:19	06:43 19:19	05:29 20:19	05:29 20:19	05:52 20:13	06:22 19:31	06:24 16:56	06:24 16:56	06:59 16:39	07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

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

Recettore d'ombra: 16A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (77)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic
4,14	4,76	5,47	6,61	8,23	9,68	10,62	10,12	8,36	6,25	5,04	4,06

Tempo di operatività

0	Somma
3.000	3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:19 16:40	07:07 17:14	06:32 17:47	08:17 (WTG06) 19:20	06:42 19:57	05:29 20:20
2	07:20 16:41	07:06 17:15	06:30 17:48	08:28 (WTG06) 19:21	06:40 19:52	05:28 20:20
3	07:20 16:42	07:05 17:16	06:29 17:49	19:22	06:38 19:53	05:28 20:21
4	07:20 16:42	07:04 17:17	06:27 17:50	19:23	06:37 19:54	05:27 20:22
5	07:20 16:43	07:03 17:18	06:25 17:51	19:24	06:35 19:55	05:27 20:22
6	07:20 16:44	07:02 17:20	06:24 17:52	19:25	06:34 19:56	05:27 20:23
7	07:20 16:45	07:01 17:21	06:22 17:53	19:26	06:32 19:57	05:27 20:24
8	07:20 16:46	06:59 17:22	08:23 (WTG06) 08:27 (WTG06) 17:55	19:27	06:30 19:58	05:26 20:24
9	07:19 16:47	06:58 17:23	08:19 (WTG06) 08:32 (WTG06) 17:56	19:28	06:29 19:59	05:26 20:25
10	07:19 16:48	06:57 17:24	08:16 (WTG06) 08:35 (WTG06) 17:57	19:29	06:27 20:00	05:26 20:25
11	07:19 16:49	06:56 17:26	08:14 (WTG06) 08:35 (WTG06) 17:58	19:30	06:26 20:01	05:26 20:26
12	07:19 16:50	06:55 17:27	08:13 (WTG06) 08:37 (WTG06) 17:59	19:31	06:24 20:02	05:26 20:26
13	07:19 16:51	06:54 17:28	08:12 (WTG06) 08:38 (WTG06) 18:00	19:32	06:23 20:03	05:26 20:27
14	07:18 16:52	06:52 17:29	08:11 (WTG06) 08:39 (WTG06) 18:01	19:33	06:21 20:04	05:25 20:27
15	07:18 16:53	06:51 17:31	08:10 (WTG06) 08:39 (WTG06) 18:02	19:34	06:20 20:05	05:25 20:28
16	07:17 16:55	06:50 17:32	08:10 (WTG06) 08:40 (WTG06) 18:03	19:35	06:18 20:06	05:25 20:28
17	07:17 16:56	06:49 17:33	08:10 (WTG06) 08:41 (WTG06) 18:04	19:36	06:16 20:07	05:26 20:29
18	07:17 16:57	06:47 17:34	08:09 (WTG06) 08:40 (WTG06) 18:05	19:37	06:15 20:08	05:26 20:29
19	07:16 16:58	06:46 17:35	08:09 (WTG06) 08:41 (WTG06) 18:06	19:38	06:14 20:09	05:26 20:29
20	07:16 16:59	06:44 17:36	08:09 (WTG06) 08:41 (WTG06) 18:07	19:39	06:12 20:10	05:26 20:29
21	07:15 17:00	06:43 17:38	08:09 (WTG06) 08:40 (WTG06) 18:08	19:40	06:11 20:10	05:26 20:30
22	07:14 17:01	06:42 17:39	08:09 (WTG06) 08:40 (WTG06) 18:09	19:41	06:09 20:11	05:26 20:30
23	07:14 17:03	06:40 17:40	08:09 (WTG06) 08:38 (WTG06) 18:11	19:42	06:08 20:12	05:26 20:30
24	07:13 17:04	06:39 17:41	08:10 (WTG06) 08:38 (WTG06) 18:12	19:43	06:06 20:13	05:27 20:30
25	07:12 17:05	06:37 17:42	08:10 (WTG06) 08:36 (WTG06) 18:13	19:44	06:05 20:14	05:27 20:30
26	07:12 17:06	06:36 17:43	08:11 (WTG06) 08:36 (WTG06) 18:14	19:45	06:03 20:15	05:27 20:30
27	07:11 17:07	06:35 17:45	08:12 (WTG06) 08:33 (WTG06) 18:15	19:46	06:02 20:16	05:28 20:31
28	07:10 17:09	06:33 17:46	08:14 (WTG06) 08:32 (WTG06) 18:16	19:47	06:01 20:16	05:28 20:31
29	07:09 17:10		06:47 19:17	19:48	05:59 20:17	05:28 20:31
30	07:08 17:11		06:45 19:18	19:49	05:58 20:18	05:29 20:30
31	07:08 17:12		06:43 19:19	19:50	05:57 20:19	05:29 20:30
Ore potenziali eliofania	299	298	370	398	447	450
Totale, caso peggiore		529	11			
Probabilità di eliofania		0,45	0,46			
Tempo di operatività rid.		0,34	0,34			
Dir. del vento rid.		0,51	0,51			
Totale ridotto		0,08	0,08			
Totale effettivo		42	1			

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 16A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (77)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen	Feb	Mar	Apr	Mag	Giù	Lug	Ago	Set	Ott	Nov	Dic
4,14	4,76	5,47	6,61	8,23	9,68	10,62	10,12	8,36	6,25	5,04	4,06

Tempo di operatività

0 Somma

3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	07:46 (WTG06) 16:31
2	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:48 (WTG06) 16:30
3	05:30 20:30	05:55 20:10	06:25 19:27	06:54 18:37	06:27 16:52	08:00 (WTG06) 16:30
4	05:31 20:30	05:56 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	05:33 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:48	07:05 16:30
8	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 16:43	07:08 16:30
12	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	08:53 (WTG06) 08:58 (WTG06)	06:38 16:43
13	05:37 20:27	06:04 19:58	06:34 19:10	07:04 18:21	08:49 (WTG06) 09:03 (WTG06)	06:39 16:42
14	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19	08:46 (WTG06) 09:05 (WTG06)	06:40 16:41
15	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	08:44 (WTG06) 09:06 (WTG06)	06:41 16:40
16	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	08:43 (WTG06) 09:08 (WTG06)	06:42 16:39
17	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	08:41 (WTG06) 09:08 (WTG06)	06:44 16:38
18	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	08:41 (WTG06) 09:10 (WTG06)	06:45 16:37
19	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	08:40 (WTG06) 09:10 (WTG06)	06:46 16:37
20	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	08:40 (WTG06) 09:10 (WTG06)	06:47 16:36
21	05:43 20:22	06:12 19:47	06:42 18:57	07:13 18:09	08:39 (WTG06) 09:10 (WTG06)	06:48 16:35
22	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	08:39 (WTG06) 09:10 (WTG06)	06:49 16:35
23	05:45 20:20	06:14 19:44	06:44 18:53	07:15 18:06	08:39 (WTG06) 09:10 (WTG06)	06:50 16:34
24	05:45 20:20	06:15 19:42	06:45 18:52	07:16 18:05	08:39 (WTG06) 09:11 (WTG06)	06:52 16:34
25	05:46 20:19	06:16 19:41	06:46 18:50	07:17 17:03	07:39 (WTG06) 08:10 (WTG06)	06:53 16:33
26	05:47 20:18	06:17 19:39	06:47 18:48	07:18 17:02	07:40 (WTG06) 08:10 (WTG06)	06:54 16:33
27	05:48 20:17	06:18 19:38	06:48 18:47	07:19 17:01	07:40 (WTG06) 08:09 (WTG06)	06:55 16:32
28	05:49 20:16	06:19 19:36	06:49 18:45	07:20 16:59	07:40 (WTG06) 08:08 (WTG06)	06:56 16:32
29	05:50 20:15	06:20 19:34	06:50 18:43	07:22 16:58	07:42 (WTG06) 08:08 (WTG06)	06:57 16:31
30	05:51 20:14	06:21 19:33	06:51 18:42	07:23 16:57	07:43 (WTG06) 08:06 (WTG06)	06:58 16:31
31	05:52 20:13	06:22 19:31	06:52 18:41	07:24 16:56	07:44 (WTG06) 08:05 (WTG06)	06:59 16:30
Ore potenziali eliofania	457	427	375	346	299	290
Totale, caso peggiore				514		29
Probabilità di eliofania				0,56		0,50
Tempo di operatività rid.				0,34		0,34
Dir. del vento rid.				0,51		0,51
Totale ridotto				0,10		0,09
Totale effettivo				51		3

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 17A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (78)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:14	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:19 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:31
3	07:20 16:42	07:05 17:16	06:29 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:25 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:43	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:28 20:22	05:31 20:30	05:56 20:09	06:26 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:57 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:29	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:50 19:57	05:27 20:24	05:33 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:48	07:05 16:30
8	07:20 16:46	06:59 17:22	06:21 17:55	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:47	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:25	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:35 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 16:44	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:43	07:09 16:30
13	07:18 16:51	06:54 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:26 20:27	05:37 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:26 20:27	05:37 20:26	06:05 19:56	06:35 19:09	07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:54	06:51 17:31	06:10 18:02	06:20 19:34	05:41 20:05	05:26 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 16:40	07:12 16:31
16	07:17 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:26 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:48 17:33	06:06 18:04	06:17 19:36	05:39 20:07	05:26 20:28	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 16:38	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:14 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:44 17:36	06:01 18:07	06:12 19:39	05:37 20:10	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:11 19:40	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:13 18:09	06:48 16:35	07:15 16:33
22	07:14 17:02	06:42 17:39	05:58 18:09	06:09 19:42	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:11	06:08 19:43	05:34 20:12	05:27 20:30	05:45 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	07:16 16:34
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:20	06:15 19:42	06:45 18:52	07:16 18:05	06:52 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:17 17:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:52 18:14	06:04 19:46	05:32 20:15	05:27 20:30	05:47 20:18	06:17 19:39	06:47 18:48	06:18 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:35 17:45	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:30	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16	05:28 20:30	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10		06:47 19:17	05:59 19:49	05:30 20:17	05:29 20:30	05:50 20:15	06:20 19:34	06:50 18:43	06:21 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11		06:45 19:18	05:58 19:50	05:30 20:18	05:29 20:30	05:51 20:14	06:21 19:33	06:51 18:42	06:23 16:57	06:58 16:31	07:19 16:38
31	07:08 17:12		06:43 19:19		05:29 20:19		05:52 20:13	06:22 19:31		06:24 16:56		07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 18A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (79)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre	
1	07:19 16:40	07:07 17:14	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	07:57 (WTG08) 08:26 (WTG08)	06:52 18:40	06:25 16:54	06:59 16:31
2	07:20 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	07:58 (WTG08) 08:25 (WTG08)	06:53 18:39	06:26 16:53	07:00 16:31
3	07:20 16:42	07:05 17:16	06:29 17:49	06:39 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:25 19:27	07:58 (WTG08) 08:25 (WTG08)	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:43	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:28 20:22	05:31 20:30	05:56 20:09	06:26 19:25	07:59 (WTG08) 08:23 (WTG08)	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:57 20:08	06:26 19:23	08:00 (WTG08) 08:22 (WTG08)	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:30	05:57 20:06	06:24 19:22	08:01 (WTG08) 08:20 (WTG08)	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:50 19:57	05:27 20:24	05:33 20:29	05:58 20:05	06:28 19:20	08:03 (WTG08) 08:18 (WTG08)	06:58 18:30	06:32 16:48	07:05 16:30
8	07:20 16:46	06:59 17:22	06:21 17:55	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	08:07 (WTG08) 08:14 (WTG08)	06:59 18:29	06:33 16:47	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:59 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:25	06:18 18:04	06:27 19:29	05:46 19:59	05:26 20:25	05:35 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:59 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:14	07:02 18:24	06:57 18:24	06:37 16:44	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:23	06:58 18:23	06:38 16:43	07:09 16:30
13	07:19 16:51	06:54 17:28	06:13 18:01	06:23 19:32	05:43 20:03	05:26 20:27	05:37 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:59 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:26 20:27	05:37 20:26	06:05 19:56	06:35 19:09	07:05 18:19	06:40 18:19	06:40 16:41	07:11 16:31
15	07:18 16:54	06:51 17:31	06:10 18:02	06:20 19:34	05:41 20:05	05:26 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 18:18	06:41 16:40	07:12 16:31
16	07:17 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:26 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:49 17:33	06:06 18:04	06:17 19:36	05:39 20:07	05:26 20:29	05:40 20:25	06:08 19:52	06:38 19:04	07:08 18:15	06:44 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 18:13	06:45 16:38	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:14 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	06:46 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:44 17:36	06:01 18:07	06:12 19:39	05:37 20:10	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:11 19:41	05:36 20:10	05:26 20:30	06:12 20:22	06:12 19:47	06:42 18:57	07:13 18:09	06:48 18:09	06:48 16:35	07:15 16:33
22	07:14 17:02	06:42 17:39	05:58 18:10	06:09 19:42	05:35 20:11	05:26 20:30	06:13 20:21	06:13 19:45	06:43 18:55	07:14 18:08	06:49 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:57 18:11	06:08 19:43	05:34 20:12	05:27 20:30	06:14 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 18:06	06:50 16:34	07:16 16:34
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44	05:33 20:13	05:27 20:30	06:15 20:20	06:15 19:42	06:45 18:52	07:16 18:05	06:52 18:05	06:52 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	06:16 20:19	06:16 19:41	06:46 18:50	07:17 18:03	06:53 18:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:52 18:14	06:04 19:46	05:32 20:15	05:27 20:30	06:17 20:18	06:17 19:39	06:47 18:48	07:18 18:02	06:54 18:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:35 17:45	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:30	06:18 20:17	06:18 19:38	06:48 18:47	07:19 18:01	06:55 18:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16	05:28 20:31	06:19 20:16	06:19 19:36	06:49 18:45	07:20 18:00	06:56 18:00	06:56 16:32	07:18 16:37
29	07:09 17:10	06:47 17:47	05:59 18:17	06:07 19:49	05:30 20:17	05:29 20:31	06:20 20:15	06:20 19:35	06:50 18:43	07:21 18:00	06:57 18:00	06:57 16:31	07:19 16:37
30	07:08 17:11	06:45 17:48	05:58 18:18	06:06 19:50	05:30 20:18	05:29 20:30	06:21 20:14	06:21 19:33	06:51 18:42	07:57 (WTG08) 08:27 (WTG08)	06:51 18:42	06:58 16:57	07:19 16:38
31	07:08 17:12	06:43 17:49	05:49 18:19	06:04 19:51	05:29 20:19	05:28 20:30	06:22 20:13	06:22 19:31	06:52 18:42	07:57 (WTG08) 08:27 (WTG08)	06:52 18:42	06:24 16:56	07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290	
Totale, caso peggiore				485				319	170				
Probabilità di eliofania				0,50				0,74	0,67				
Tempo di operatività rid.				0,34				0,34	0,34				
Dir. del vento rid.				0,08				0,08	0,08				
Totale ridotto				0,01				0,02	0,02				
Totale effettivo				7				6	3				

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

Recettore d'ombra: 19A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (80)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:31 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:19 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:55 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:23 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:41	07:05 17:16	06:28 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:54 20:10	06:24 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:29	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:49 19:57	05:26 20:24	05:32 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	07:05 16:30
8	07:19 16:46	06:59 17:22	06:21 17:54	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 16:43	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:42	07:09 16:30
13	07:18 16:51	06:54 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:25 20:27	05:36 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 17:30	06:09 18:02	06:19 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 16:40	07:12 16:30
16	07:17 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:48 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:25 20:28	05:39 20:25	06:08 19:52	06:38 19:03	07:08 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:13 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:44 17:36	06:01 18:07	06:12 19:39	05:36 20:09	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:10 19:40	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:12 18:09	06:48 16:35	07:15 16:32
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 19:41	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:07	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:10	06:08 19:42	05:34 20:12	05:26 20:30	05:44 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	07:16 16:33
24	07:13 17:04	06:39 17:41	05:55 18:11	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:19	06:15 19:42	06:45 18:52	07:16 18:05	06:51 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:17 17:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:51 18:14	06:03 19:46	05:32 20:15	05:27 20:30	05:47 20:18	06:17 19:39	06:47 18:48	06:18 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:34 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:30	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16	05:28 20:30	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10		06:47 19:17	05:59 19:49	05:30 20:17	05:28 20:30	05:50 20:15	06:20 19:34	06:50 18:43	06:21 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11		06:45 19:18	05:58 19:50	05:30 20:18	05:29 20:30	05:51 20:14	06:21 19:33	06:51 18:42	06:23 16:57	06:58 16:31	07:19 16:38
31	07:07 17:12		06:43 19:19		05:29 20:19		05:52 20:13	06:22 19:31		06:24 16:56		07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

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

Recettore d'ombra: 1A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (63)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:20 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:41	07:05 17:16	06:29 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:25 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
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Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

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

Recettore d'ombra: 1D - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (82)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
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Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 1R - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (90)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:31 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
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27	07:11 17:07	06:34 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:30	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16	05:28 20:30	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10	06:47 19:17	05:59 19:49	05:30 20:17	05:28 20:30	05:28 20:15	05:50 19:34	06:20 18:43	06:50 16:58	06:21 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11	06:45 19:18	05:58 19:50	05:30 20:18	05:29 20:30	05:29 20:14	05:51 19:33	06:21 18:42	06:51 16:57	06:23 16:31	06:58 16:31	07:19 16:38
31	07:07 17:12	06:43 19:19	06:43 19:19	06:43 19:19	05:29 20:19	05:29 20:13	05:52 19:31	06:22 19:31	06:24 16:56	06:24 16:56	06:59 16:39	07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 20A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (81)

Assunzioni sui calcoli d'ombra

Probabilità di eliofanía (media ore giornaliere di insolazione) [PALINURO C.]

Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic
4,14	4,76	5,47	6,61	8,23	9,68	10,62	10,12	8,36	6,25	5,04	4,06

Tempo di operatività

0	Somma
3.000	3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre											
1	07:20	08:04 (WTG02)	07:07	06:32	06:42	05:57	05:29	05:29	05:53	06:23	06:52	06:25	06:59	08:00 (WTG02)									
	16:40	22 08:26 (WTG02)	17:14	17:47	19:20	19:51	20:20	20:31	20:12	19:30	18:40	16:54	16:31	3 08:03 (WTG02)									
2	07:20	08:04 (WTG02)	07:06	06:30	06:40	05:56	05:28	05:30	05:54	06:24	06:53	06:26	07:00	07:57 (WTG02)									
	16:41	22 08:26 (WTG02)	17:15	17:48	19:21	19:52	20:20	20:30	20:11	19:28	18:39	16:53	16:30	9 08:06 (WTG02)									
3	07:20	08:05 (WTG02)	07:05	06:29	06:39	05:54	05:28	05:30	05:55	06:25	06:54	06:27	07:01	07:56 (WTG02)									
	16:42	22 08:27 (WTG02)	17:16	17:49	19:22	19:53	20:21	20:30	20:10	19:27	18:37	16:52	16:30	12 08:08 (WTG02)									
4	07:20	08:06 (WTG02)	07:04	06:27	06:37	05:53	05:27	05:31	05:56	06:26	06:55	06:29	07:02	07:55 (WTG02)									
	16:42	21 08:26 (WTG02)	17:17	17:50	19:23	19:54	20:22	20:30	20:09	19:25	18:35	16:51	16:30	15 08:10 (WTG02)									
5	07:20	08:07 (WTG02)	07:03	06:26	06:35	05:52	05:27	05:31	05:56	06:26	06:56	06:30	07:03	07:55 (WTG02)									
	16:43	19 08:26 (WTG02)	17:18	17:51	19:24	19:55	20:23	20:30	20:08	19:23	18:34	16:50	16:30	16 08:11 (WTG02)									
6	07:20	08:08 (WTG02)	07:02	06:24	06:34	05:51	05:27	05:32	05:57	06:27	06:57	06:31	07:04	07:54 (WTG02)									
	16:44	18 08:26 (WTG02)	17:20	17:52	19:25	19:56	20:23	20:30	20:07	19:22	18:32	16:49	16:30	18 08:12 (WTG02)									
7	07:20	08:09 (WTG02)	07:01	06:22	06:32	05:49	05:27	05:33	05:58	06:28	06:58	06:32	07:05	07:53 (WTG02)									
	16:45	16 08:25 (WTG02)	17:21	17:53	19:26	19:57	20:24	20:29	20:05	19:20	18:30	16:48	16:30	19 08:12 (WTG02)									
8	07:20	08:10 (WTG02)	07:00	06:21	06:30	05:48	05:26	05:33	05:59	06:29	06:59	06:33	07:06	07:53 (WTG02)									
	16:46	15 08:25 (WTG02)	17:22	17:55	19:27	19:58	20:24	20:29	20:04	19:19	18:29	16:46	16:30	21 08:14 (WTG02)									
9	07:20	08:12 (WTG02)	06:58	06:19	06:29	05:47	05:26	05:34	06:00	06:30	07:00	06:34	07:07	07:53 (WTG02)									
	16:47	12 08:24 (WTG02)	17:23	17:56	19:28	19:59	20:25	20:29	20:03	19:17	18:27	16:45	16:30	22 08:15 (WTG02)									
10	07:19	08:14 (WTG02)	06:57	06:18	06:27	05:46	05:26	05:34	06:01	06:31	07:01	06:36	07:08	07:53 (WTG02)									
	16:48	9 08:23 (WTG02)	17:25	17:57	19:29	20:00	20:26	20:28	20:02	19:15	18:26	16:44	16:30	22 08:15 (WTG02)									
11	07:19	08:17 (WTG02)	06:56	06:16	06:26	05:45	05:26	05:35	06:02	06:32	07:02	06:37	07:09	07:54 (WTG02)									
	16:49	4 08:21 (WTG02)	17:26	17:58	19:30	20:01	20:26	20:28	20:00	19:14	18:24	16:43	16:30	22 08:16 (WTG02)									
12	07:19		06:55	06:14	06:24	05:44	05:26	05:36	06:03	06:33	07:03	06:38	07:09	07:54 (WTG02)									
	16:50		17:27	17:59	19:31	20:02	20:27	20:28	19:59	19:12	18:22	16:43	16:30	23 08:17 (WTG02)									
13	07:19		06:54	06:13	06:23	05:43	05:26	05:37	06:04	06:34	07:04	06:39	07:10	07:54 (WTG02)									
	16:51		17:28	18:00	19:32	20:03	20:27	20:27	19:58	19:10	18:21	16:42	16:30	24 08:18 (WTG02)									
14	07:18		06:52	06:11	06:21	05:42	05:25	05:37	06:05	06:35	07:05	06:40	07:11	07:54 (WTG02)									
	16:52		17:29	18:01	19:33	20:04	20:28	20:27	19:56	19:09	18:19	16:41	16:30	24 08:18 (WTG02)									
15	07:18		06:51	06:10	06:20	05:41	05:25	05:38	06:06	06:36	07:06	06:41	07:12	07:55 (WTG02)									
	16:53		17:31	18:02	19:34	20:05	20:28	20:26	19:55	19:07	18:18	16:40	16:30	24 08:19 (WTG02)									
16	07:18		06:50	06:08	06:18	05:40	05:25	05:39	06:07	06:37	07:07	06:43	07:12	07:55 (WTG02)									
	16:55		17:32	18:03	19:35	20:06	20:28	20:25	19:54	19:05	18:16	16:39	16:31	25 08:20 (WTG02)									
17	07:17		06:49	06:06	06:17	05:39	05:25	05:40	06:08	06:38	07:08	06:44	07:13	07:55 (WTG02)									
	16:56		17:33	18:04	19:36	20:07	20:29	20:25	19:52	19:04	18:15	16:38	16:31	25 08:20 (WTG02)									
18	07:17		06:47	06:05	06:15	05:38	05:26	05:40	06:09	06:39	07:09	06:45	07:14	07:56 (WTG02)									
	16:57		17:34	18:05	19:37	20:08	20:29	20:24	19:51	19:02	18:13	16:37	16:31	25 08:21 (WTG02)									
19	07:16		06:46	06:03	06:14	05:37	05:26	05:41	06:10	06:40	07:10	06:46	07:14	07:55 (WTG02)									
	16:58		17:35	18:06	19:39	20:09	20:29	20:23	19:50	19:00	18:12	16:37	16:32	26 08:21 (WTG02)									
20	07:16		06:45	06:01	06:12	05:36	05:26	05:42	06:11	06:41	07:12	06:47	07:15	07:56 (WTG02)									
	16:59		17:36	18:07	19:40	20:10	20:30	20:23	19:48	18:59	18:10	16:36	16:32	26 08:22 (WTG02)									
21	07:15		06:43	06:00	06:11	05:36	05:26	05:43	06:12	06:42	07:13	06:48	07:16	07:57 (WTG02)									
	17:00		17:38	18:09	19:41	20:11	20:30	20:22	19:47	18:57	18:09	16:35	16:33	26 08:23 (WTG02)									
22	07:15		06:42	05:58	06:09	05:35	05:26	05:44	06:13	06:43	07:14	06:49	07:16	07:57 (WTG02)									
	17:01		17:39	18:10	19:42	20:11	20:30	20:21	19:45	18:55	18:08	16:35	16:33	26 08:23 (WTG02)									
23	07:14		06:40	05:57	06:08	05:34	05:26	05:45	06:14	06:44	07:15	06:51	07:17	07:57 (WTG02)									
	17:03		17:40	18:11	19:43	20:12	20:30	20:21	19:44	18:53	18:06	16:34	16:34	26 08:23 (WTG02)									
24	07:13		06:39	05:55	06:06	05:33	05:27	05:45	06:15	06:45	07:16	06:52	07:17	07:58 (WTG02)									
	17:04		17:41	18:12	19:44	20:13	20:30	20:20	19:42	18:52	18:05	16:34	16:34	26 08:24 (WTG02)									
25	07:13		06:38	05:53	06:05	05:33	05:27	05:46	06:16	06:46	07:17	06:53	07:17	07:59 (WTG02)									
	17:05		17:42	18:13	19:45	20:14	20:31	20:19	19:41	18:50	17:03	16:33	16:35	25 08:24 (WTG02)									
26	07:12		06:36	05:52	06:04	05:32	05:27	05:47	06:17	06:47	07:18	06:54	07:18	08:00 (WTG02)									
	17:06		17:43	18:14	19:46	20:15	20:31	20:18	19:39	18:48	17:02	16:33	16:35	25 08:25 (WTG02)									
27	07:11		06:35	05:50	06:02	05:31	05:28	05:48	06:18	06:48	07:19	06:55	07:18	08:00 (WTG02)									
	17:07		17:45	18:15	19:47	20:16	20:31	20:17	19:38	18:47	17:01	16:32	16:36	25 08:25 (WTG02)									
28	07:10		06:33	05:48	06:01	05:31	05:28	05:49	06:19	06:49	07:20	06:56	07:19	08:00 (WTG02)									
	17:09		17:46	18:16	19:48	20:17	20:31	20:16	19:36	18:45	16:59	16:32	16:37	25 08:25 (WTG02)									
29	07:09			06:47	05:59	05:30	05:28	05:50	06:20	06:50	07:22	06:57	07:19	08:01 (WTG02)									
	17:10			19:17	19:49	20:17	20:31	20:15	19:35	18:43	16:58	16:31	16:37	24 08:25 (WTG02)									
30	07:09			06:45	05:58	05:30	05:29	05:51	06:21	06:51	07:23	06:58	07:19	08:01 (WTG02)									
	17:11			19:18	19:50	20:18	20:31	20:14	19:33	18:42	16:57	16:31	16:38	24 08:25 (WTG02)									
31	07:08			06:43		05:29		05:52	06:22		06:24		07:19	08:03 (WTG02)									
	17:12			19:19		20:19		20:13	19:31		16:56		16:39	23 08:26 (WTG02)									
Ore potenziali eliofanía	299		298		398		447		450		457		427		375		346		299		290		676
Totale, caso peggiore		180																					676
Probabilità di eliofanía		0,43																					0,43
Tempo di operatività rid.		0,34																					0,34
Dir. del vento rid.		0,65																					0,65
Totale ridotto		0,10																					0,10
Totale effettivo		17																					65

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

Recettore d'ombra: 2D - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (83)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:31	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:20 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:41	07:05 17:16	06:29 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:25 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:30	05:57 20:07	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:49 19:57	05:26 20:24	05:32 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	07:05 16:30
8	07:20 16:46	07:00 17:22	06:21 17:55	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:14	07:02 18:24	06:37 16:43	07:09 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:27	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:42	07:09 16:30
13	07:19 16:51	06:54 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:25 20:27	05:36 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:09	07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 17:30	06:10 18:02	06:19 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 16:40	07:12 16:30
16	07:18 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:49 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:25 20:29	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:13 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:50	06:40 19:00	07:10 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:45 17:36	06:01 18:07	06:12 19:40	05:36 20:10	05:26 20:30	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:11 19:41	05:36 20:11	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:13 18:09	06:48 16:35	07:15 16:33
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 19:42	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:11	06:08 19:43	05:34 20:12	05:26 20:30	05:44 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	07:16 16:34
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:20	06:15 19:42	06:45 18:52	07:16 18:05	06:52 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:17 17:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:52 18:14	06:03 19:46	05:32 20:15	05:27 20:31	05:47 20:18	06:17 19:39	06:47 18:48	06:18 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:35 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:31	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:17	05:28 20:31	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10	06:47 19:17	05:59 19:49	05:30 20:17	05:30 20:17	05:28 20:31	05:50 20:15	06:20 19:35	06:50 18:43	06:22 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11	06:45 19:18	05:58 19:50	05:30 20:18	05:30 20:18	05:29 20:31	05:51 20:14	06:21 19:33	06:51 18:42	06:23 16:57	06:58 16:31	07:19 16:38
31	07:08 17:12	06:43 19:19	06:43 19:19	06:43 19:19	05:29 20:19	05:29 20:19	05:52 20:13	06:22 19:31	06:22 16:56	06:24 16:54	06:59 16:39	07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

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

Recettore d'ombra: 2R - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (91)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic
4,14	4,76	5,47	6,61	8,23	9,68	10,62	10,12	8,36	6,25	5,04	4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio		Febbraio		Marzo		Aprile		Maggio		Giugno	
1	07:19	15:37 (WTG08)	07:07	06:31			06:42	05:57	05:29			
	16:40	25 16:02 (WTG08)	17:13	17:47			19:20	19:51	20:20			
2	07:19	15:39 (WTG08)	07:06	06:30			06:40	05:56	05:28			
	16:41	24 16:03 (WTG08)	17:15	17:48			19:21	19:52	20:20			
3	07:20	15:40 (WTG08)	07:05	06:28			06:38	05:54	05:28			
	16:42	23 16:03 (WTG08)	17:16	17:49			19:22	19:53	20:21			
4	07:20	15:42 (WTG08)	07:04	06:27			06:37	05:53	05:27			
	16:42	20 16:02 (WTG08)	17:17	17:50			19:23	19:54	20:22			
5	07:20	15:42 (WTG08)	07:03	06:25			06:35	05:52	05:27			
	16:43	19 16:01 (WTG08)	17:18	17:51			19:24	19:55	20:22			
6	07:20	15:44 (WTG08)	07:02	06:24			06:34	05:51	05:27			
	16:44	16 16:00 (WTG08)	17:20	17:52			19:25	19:56	20:23			
7	07:20	15:46 (WTG08)	07:01	06:22			06:32	05:49	05:27			
	16:45	13 15:59 (WTG08)	17:21	17:53			19:26	19:57	20:24			
8	07:19	15:49 (WTG08)	06:59	06:21			06:30	05:48	05:26			
	16:46	8 15:57 (WTG08)	17:22	17:55			19:27	19:58	20:24			
9	07:19		06:58	06:19			06:29	05:47	05:26			
	16:47		17:23	17:56			19:28	19:59	20:25			
10	07:19		06:57	06:18			06:27	05:46	05:26			
	16:48		17:24	17:57			19:29	20:00	20:25			
11	07:19		06:56	06:16			06:26	05:45	05:26			
	16:49		17:26	17:58			19:30	20:01	20:26			
12	07:19		06:55	06:14			06:24	05:44	05:26			
	16:50		17:27	17:59			19:31	20:02	20:26			
13	07:18		06:54	06:13			06:23	05:43	05:26			
	16:51		17:28	18:00			19:32	20:03	20:27			
14	07:18		06:52	06:11			06:21	05:42	05:25			
	16:52		17:29	18:01			19:33	20:04	20:27			
15	07:18		06:51	06:10			06:19	05:41	05:25			
	16:53		17:30	18:02			19:34	20:05	20:28			
16	07:17		06:50	06:08			06:18	05:40	05:25			
	16:55		17:32	18:03			19:35	20:06	20:28			
17	07:17		06:48	06:06			06:16	05:39	05:26			
	16:56		17:33	18:04			19:36	20:07	20:28			
18	07:17		06:47	06:05			06:15	05:38	05:26			
	16:57		17:34	18:05			19:37	20:08	20:29			
19	07:16		06:46	06:03			06:13	05:37	05:26			
	16:58		17:35	18:06			19:38	20:09	20:29			
20	07:15		06:44	06:01			06:12	05:36	05:26			
	16:59		17:36	18:07			19:39	20:09	20:29			
21	07:15		06:43	06:00			06:11	05:36	05:26			
	17:00		17:38	18:08			19:40	20:10	20:30			
22	07:14		06:42	05:58			06:09	05:35	05:26			
	17:01		17:39	18:09			19:41	20:11	20:30			
23	07:14		06:40	05:56			06:08	05:34	05:26			
	17:03		17:40	18:10			19:42	20:12	20:30			
24	07:13		06:39	05:55			06:06	05:33	05:27			
	17:04		17:41	18:12			19:44	20:13	20:30			
25	07:12		06:37	05:53			06:05	05:33	05:27			
	17:05		17:42	18:13			19:45	20:14	20:30			
26	07:12		06:36	05:52		17:51 (WTG07)	06:03	05:32	05:27			
	17:06		17:43	18:14		2 17:53 (WTG07)	19:46	20:15	20:30			
27	07:11		06:34	05:50		17:49 (WTG07)	06:02	05:31	05:28			
	17:07		17:44	18:15		4 17:53 (WTG07)	19:47	20:16	20:30			
28	07:10		06:33	05:48		17:48 (WTG07)	06:01	05:31	05:28			
	17:09		17:46	18:16		4 17:52 (WTG07)	19:48	20:16	20:30			
29	07:09			06:47		18:47 (WTG07)	05:59	05:30	05:28			
	17:10			19:17		2 18:49 (WTG07)	19:49	20:17	20:30			
30	07:08			06:45		18:46 (WTG07)	05:58	05:30	05:29			
	17:11			19:18		1 18:47 (WTG07)	19:50	20:18	20:30			
31	07:07			06:43				05:29				
	17:12			19:19				20:19				
Ore potenziali eliofania	299		298	370			398	447	450			
Totale, caso peggiore	148			13								
Probabilità di eliofania	0,43			0,46								
Tempo di operatività rid.	0,34			0,34								
Dir. del vento rid.	0,67			0,09								
Totale ridotto	0,10			0,01								
Totale effettivo	15			0								

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 2R - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (91)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	05:30 20:30	05:55 20:10	06:24 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	05:32 20:29	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	05:33 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	07:05 16:30
8	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 16:43	07:08 16:30
12	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:42	07:09 16:30
13	05:37 20:27	06:04 19:58	06:34 19:10	18:37 (WTG07) 07:04	06:39 16:42	07:10 16:30
14	05:37 20:26	06:05 19:56	06:35 19:08	18:38 (WTG07) 07:05	06:40 16:41	07:11 16:30
15	05:38 20:26	06:06 19:55	06:36 19:07	18:39 (WTG07) 07:06	06:41 16:40	07:11 16:30
16	05:39 20:25	06:07 19:54	06:37 19:05	18:41 (WTG07) 07:07	06:42 16:39	07:12 16:31
17	05:40 20:25	06:08 19:52	06:38 19:03	18:42 (WTG07) 07:08	06:43 16:38	07:13 16:31
18	05:40 20:24	06:09 19:51	06:39 19:02	18:41 (WTG07) 07:09	06:44 16:37	07:14 16:31
19	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	06:46 16:37	07:14 16:32
20	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	07:15 16:32
21	05:43 20:22	06:12 19:47	06:42 18:57	07:12 18:09	06:48 16:35	07:15 16:33
22	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	06:49 16:35	07:16 16:33
23	05:45 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	07:16 16:34
24	05:45 20:19	06:15 19:42	06:45 18:52	07:16 18:05	06:51 16:34	07:17 16:34
25	05:46 20:19	06:16 19:41	06:46 18:50	06:17 17:03	06:53 16:33	07:17 16:35
26	05:47 20:18	06:17 19:39	06:47 18:48	06:18 17:02	06:54 16:33	07:18 16:35
27	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	05:50 20:15	06:20 19:34	06:50 18:43	06:21 16:58	06:57 16:31	07:19 16:37
30	05:51 20:14	06:21 19:33	06:51 18:42	06:23 16:57	06:58 16:31	07:19 16:38
31	05:52 20:13	06:22 19:31		06:24 16:56		07:19 16:39
Ore potenziali eliofania	457	427	375	346	299	290
Totale, caso peggiore			12			729
Probabilità di eliofania			0,67			0,43
Tempo di operatività rid.			0,34			0,34
Dir. del vento rid.			0,09			0,67
Totale ridotto			0,02			0,10
Totale effettivo			0			73

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

Recettore d'ombra: 3A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (64)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:31 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:20 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:55 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:23 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:41	07:05 17:16	06:28 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:54 20:10	06:24 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:49 19:57	05:26 20:24	05:32 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	07:05 16:30
8	07:20 16:46	06:59 17:22	06:21 17:54	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 16:43	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:42	07:09 16:30
13	07:19 16:51	06:54 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:25 20:27	05:36 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 17:30	06:10 18:02	06:19 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 16:40	07:12 16:30
16	07:17 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:48 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:25 20:29	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:13 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:44 17:36	06:01 18:07	06:12 19:39	05:36 20:10	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:10 19:40	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:13 18:09	06:48 16:35	07:15 16:32
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 19:41	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:10	06:08 19:43	05:34 20:12	05:26 20:30	05:44 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	07:16 16:33
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:20	06:15 19:42	06:45 18:52	07:16 18:05	06:52 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:17 17:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:51 18:14	06:03 19:46	05:32 20:15	05:27 20:30	05:47 20:18	06:17 19:39	06:47 18:48	06:18 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:34 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:30	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16	05:28 20:31	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10		06:47 19:17	05:59 19:49	05:30 20:17	05:28 20:31	05:50 20:15	06:20 19:34	06:50 18:43	06:21 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11		06:45 19:18	05:58 19:50	05:30 20:18	05:29 20:30	05:51 20:14	06:21 19:33	06:51 18:42	06:23 16:57	06:58 16:31	07:19 16:38
31	07:08 17:12		06:43 19:19		05:29 20:19		05:52 20:13	06:22 19:31		06:24 16:56		07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 3D - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (84)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre	
1	07:19 16:40	07:07 17:13	06:32 17:47	06:42 19:20	18:38 (WTG02) 19:51	05:57 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31	
2	07:20 16:41	07:06 17:15	06:30 17:48	06:40 19:21	18:38 (WTG02) 19:52	05:56 20:20	05:28 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:30	
3	07:20 16:42	07:05 17:16	06:29 17:49	06:38 19:22	18:38 (WTG02) 19:53	05:54 20:21	05:28 20:30	05:55 20:10	06:24 19:27	06:54 18:37	06:27 16:52	07:01 16:30	
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	18:39 (WTG02) 19:53	05:53 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30	
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	19:54 19:55	05:52 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30	
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	19:56 19:56	05:51 20:23	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:33	06:31 16:49	07:04 16:30	
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	19:57 19:57	05:49 20:24	05:32 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	07:05 16:30	
8	07:20 16:46	06:59 17:22	06:21 17:55	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30	
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30	
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	18:31 (WTG02) 18:33 (WTG02)	07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:13	18:30 (WTG02) 18:34 (WTG02)	07:02 18:24	06:37 16:43	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	18:30 (WTG02) 18:36 (WTG02)	07:03 18:22	06:38 16:42	07:09 16:30
13	07:19 16:51	06:54 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:25 20:27	05:36 20:27	06:04 19:58	06:34 19:10	18:29 (WTG02) 18:38 (WTG02)	07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:09	18:29 (WTG02) 18:39 (WTG02)	07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 17:30	06:10 18:02	06:19 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	18:28 (WTG02) 18:41 (WTG02)	07:06 18:18	06:41 16:40	07:12 16:30
16	07:18 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	18:28 (WTG02) 18:42 (WTG02)	07:07 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:49 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:25 20:29	05:40 20:25	06:08 19:52	06:38 19:03	18:28 (WTG02) 18:41 (WTG02)	07:08 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	18:28 (WTG02) 18:40 (WTG02)	07:09 18:13	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:13 19:38	05:37 17:45 (WTG02)	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	18:27 (WTG02) 18:38 (WTG02)	07:10 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:44 17:36	06:01 18:07	06:12 19:39	17:44 (WTG02) 17:47 (WTG02)	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	18:27 (WTG02) 18:37 (WTG02)	07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:11 19:41	17:43 (WTG02) 17:47 (WTG02)	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	18:28 (WTG02) 18:35 (WTG02)	07:13 18:09	06:48 16:35	07:15 16:33
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 19:42	17:41 (WTG02) 17:41 (WTG02)	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	18:28 (WTG02) 18:33 (WTG02)	07:14 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:11	06:08 19:43	17:41 (WTG02) 17:50 (WTG02)	05:26 20:30	05:41 20:20	06:14 19:44	06:44 18:53	18:28 (WTG02) 18:32 (WTG02)	07:15 18:06	06:50 16:34	07:16 16:34
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44	17:40 (WTG02) 17:51 (WTG02)	05:27 20:30	05:45 20:20	06:15 19:42	06:45 18:52	18:28 (WTG02) 18:30 (WTG02)	07:16 18:05	06:52 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	17:40 (WTG02) 17:52 (WTG02)	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	18:30 (WTG02) 18:35 (WTG02)	08:17 18:50	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:52 18:14	06:03 19:46	17:39 (WTG02) 17:53 (WTG02)	05:27 20:31	05:47 20:18	06:17 19:39	06:47 18:48	18:30 (WTG02) 18:35 (WTG02)	08:18 19:01	06:54 16:33	07:18 16:35
27	07:11 17:07	06:35 17:44	05:50 18:15	06:02 19:47	17:39 (WTG02) 17:53 (WTG02)	05:28 20:31	05:48 20:17	06:18 19:38	06:48 18:47	18:30 (WTG02) 18:35 (WTG02)	08:19 19:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	17:39 (WTG02) 17:52 (WTG02)	05:28 20:31	05:49 20:16	06:19 19:36	06:49 18:45	18:30 (WTG02) 18:35 (WTG02)	08:20 19:01	06:56 16:32	07:18 16:36
29	07:09 17:10	06:32 17:47	05:47 18:17	05:59 19:49	18:38 (WTG02) 18:49 (WTG02)	05:28 20:31	05:50 20:15	06:20 19:35	06:50 18:43	18:30 (WTG02) 18:35 (WTG02)	08:21 19:01	06:57 16:32	07:19 16:37
30	07:08 17:11	06:31 17:48	05:46 18:18	05:58 19:50	18:38 (WTG02) 18:47 (WTG02)	05:29 20:31	05:51 20:14	06:21 19:33	06:51 18:42	18:30 (WTG02) 18:35 (WTG02)	08:22 19:01	06:58 16:32	07:19 16:38
31	07:08 17:12	06:30 17:49	05:45 18:19	05:57 19:51	18:38 (WTG02) 18:45 (WTG02)	05:29 20:31	05:52 20:13	06:22 19:31	06:50 18:42	18:30 (WTG02) 18:35 (WTG02)	08:23 19:01	06:59 16:32	07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290	
Totale, caso peggiore			115	8					122				
Probabilità di eliofania			0,46	0,50					0,67				
Tempo di operatività rid.			0,34	0,34					0,34				
Dir. del vento rid.			0,05	0,05					0,05				
Totale ridotto			0,01	0,01					0,01				
Totale effettivo			1	0					1				

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

Recettore d'ombra: 3R - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (92)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic
4,14	4,76	5,47	6,61	8,23	9,68	10,62	10,12	8,36	6,25	5,04	4,06

Tempo di operatività

0	Somma
3.000	3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:19 16:40	16:13 (WTG08) 07:07	16:09 (WTG08) 06:31	06:42 19:20	05:57 19:51	05:29 20:20
2	07:19 16:41	16:14 (WTG08) 07:06	16:09 (WTG08) 06:30	06:40 19:21	05:56 19:52	05:28 20:20
3	07:20 16:42	16:13 (WTG08) 07:05	16:10 (WTG08) 06:28	06:38 19:22	05:54 19:53	05:28 20:21
4	07:20 16:42	16:13 (WTG08) 07:04	16:10 (WTG08) 06:27	06:37 19:23	05:53 19:54	05:27 20:22
5	07:20 16:43	16:12 (WTG08) 07:03	16:11 (WTG08) 06:25	06:35 19:24	05:52 19:55	05:27 20:22
6	07:20 16:44	16:11 (WTG08) 07:02	16:11 (WTG08) 06:24	06:34 19:25	05:51 19:56	05:27 20:23
7	07:20 16:45	16:18 (WTG08) 07:00	16:12 (WTG08) 06:22	06:32 19:26	05:49 19:57	05:27 20:24
8	07:19 16:46	16:20 (WTG08) 07:21	16:56 (WTG08) 17:53	19:26 19:27	19:57 19:58	20:24 20:24
9	07:19 16:47	16:11 (WTG08) 06:59	16:13 (WTG08) 06:21	06:30 19:27	05:48 19:58	05:26 20:24
10	07:19 16:48	16:21 (WTG08) 17:22	16:56 (WTG08) 17:55	19:27 19:29	19:58 20:00	20:24 20:25
11	07:19 16:49	16:11 (WTG08) 06:58	16:14 (WTG08) 06:19	06:29 19:28	05:47 19:59	05:26 20:25
12	07:19 16:50	16:22 (WTG08) 17:23	16:55 (WTG08) 17:56	19:28 19:29	19:59 20:00	20:25 20:25
13	07:18 16:51	16:11 (WTG08) 06:57	16:14 (WTG08) 06:18	06:27 19:29	05:46 20:00	05:26 20:25
14	07:18 16:52	16:23 (WTG08) 17:24	16:53 (WTG08) 17:57	19:29 19:31	20:00 20:02	20:25 20:26
15	07:18 16:53	16:10 (WTG08) 06:56	16:16 (WTG08) 06:16	06:26 19:30	05:45 20:01	05:26 20:26
16	07:17 16:55	16:24 (WTG08) 17:26	16:53 (WTG08) 17:58	19:30 19:31	20:01 20:02	20:26 20:26
17	07:17 16:56	16:10 (WTG08) 06:55	16:17 (WTG08) 06:14	06:24 19:31	05:44 20:02	05:26 20:26
18	07:17 16:57	16:25 (WTG08) 17:27	16:52 (WTG08) 17:59	19:31 19:32	20:02 20:03	20:26 20:27
19	07:16 16:58	16:10 (WTG08) 06:54	16:19 (WTG08) 06:13	06:23 19:32	05:43 20:03	05:26 20:27
20	07:15 16:59	16:27 (WTG08) 17:28	16:51 (WTG08) 18:00	19:32 19:33	20:03 20:04	20:27 20:27
21	07:15 17:00	16:09 (WTG08) 06:52	16:21 (WTG08) 06:11	06:21 19:33	05:42 20:04	05:25 20:27
22	07:14 17:01	16:27 (WTG08) 17:29	16:49 (WTG08) 18:01	19:33 19:34	20:04 20:05	20:27 20:28
23	07:14 17:03	16:09 (WTG08) 06:51	16:23 (WTG08) 06:10	06:19 19:34	05:41 20:05	05:25 20:28
24	07:13 17:04	16:29 (WTG08) 17:30	16:46 (WTG08) 18:02	19:34 19:35	20:05 20:06	20:28 20:28
25	07:12 17:05	16:09 (WTG08) 06:50	16:26 (WTG08) 06:08	06:18 19:35	05:40 20:06	05:25 20:28
26	07:12 17:06	16:29 (WTG08) 17:32	16:44 (WTG08) 18:03	19:35 19:36	20:06 20:07	20:28 20:28
27	07:11 17:07	16:09 (WTG08) 06:48	16:31 (WTG08) 06:06	06:16 19:36	05:39 20:07	05:26 20:28
28	07:10 17:09	16:31 (WTG08) 17:33	18:04 16:39 (WTG08)	19:36 18:04	20:07 18:05	20:28 20:29
29	07:09 17:10	16:08 (WTG08) 06:47	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29
30	07:08 17:11	16:32 (WTG08) 17:34	18:05 06:03	19:37 06:13	20:08 05:37	20:29 05:26
31	07:07 17:12	16:09 (WTG08) 06:46	06:03 18:06	06:13 19:38	05:37 20:09	05:26 20:29
	Ore potenziali eliofania	299	370	398	447	450
	Totale, caso peggiore	636	606			
	Probabilità di eliofania	0,43	0,45			
	Tempo di operatività rid.	0,34	0,34			
	Dir. del vento rid.	0,49	0,49			
	Totale ridotto	0,07	0,08			
	Totale effettivo	46	46			

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 3R - Shadow Receptor: 1,0 x 1,0 Azimuth: 0,0° Slope: 90,0° (92)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	15:44 (WTG08) 16:23 (WTG08)
2	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	15:43 (WTG08) 16:24 (WTG08)
3	05:30 20:30	05:55 20:10	06:24 19:27	06:54 18:37	06:27 16:52	15:43 (WTG08) 16:26 (WTG08)
4	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	15:42 (WTG08) 16:26 (WTG08)
5	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	15:41 (WTG08) 16:26 (WTG08)
6	05:32 20:29	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	15:41 (WTG08) 16:25 (WTG08)
7	05:33 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	15:41 (WTG08) 16:24 (WTG08)
8	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	15:40 (WTG08) 16:23 (WTG08)
9	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	15:40 (WTG08) 16:22 (WTG08)
10	05:34 20:28	06:01 20:01	06:31 19:15	07:01 18:26	06:35 16:44	15:40 (WTG08) 16:20 (WTG08)
11	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 16:43	15:41 (WTG08) 16:20 (WTG08)
12	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:42	15:40 (WTG08) 16:19 (WTG08)
13	05:37 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:39 16:42	15:40 (WTG08) 16:18 (WTG08)
14	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19	06:40 16:41	15:40 (WTG08) 16:16 (WTG08)
15	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 16:40	15:41 (WTG08) 16:16 (WTG08)
16	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 16:39	15:41 (WTG08) 16:15 (WTG08)
17	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	06:43 16:38	15:42 (WTG08) 16:14 (WTG08)
18	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 16:37	15:42 (WTG08) 16:13 (WTG08)
19	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	06:46 16:37	15:43 (WTG08) 16:13 (WTG08)
20	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	15:43 (WTG08) 16:12 (WTG08)
21	05:43 20:22	06:12 19:47	06:42 18:57	07:12 18:09	06:48 16:35	15:44 (WTG08) 16:11 (WTG08)
22	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	06:49 16:35	15:44 (WTG08) 16:10 (WTG08)
23	05:45 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	15:45 (WTG08) 16:10 (WTG08)
24	05:45 20:19	06:15 19:42	06:45 18:52	07:16 18:05	06:51 16:34	15:45 (WTG08) 16:09 (WTG08)
25	05:46 20:19	06:16 19:41	06:46 18:50	07:17 17:03	06:53 16:33	15:47 (WTG08) 16:09 (WTG08)
26	05:47 20:18	06:17 19:39	06:47 18:48	07:18 17:02	06:54 16:33	15:48 (WTG08) 16:08 (WTG08)
27	05:48 20:17	06:18 19:38	06:48 18:47	07:19 17:01	06:55 16:32	15:48 (WTG08) 16:08 (WTG08)
28	05:49 20:16	06:19 19:36	06:49 18:45	07:20 16:59	06:56 16:32	15:49 (WTG08) 16:07 (WTG08)
29	05:50 20:15	06:20 19:34	06:50 18:43	07:21 16:58	06:57 16:31	15:50 (WTG08) 16:07 (WTG08)
30	05:51 20:14	06:21 19:33	06:51 18:42	07:22 16:57	06:58 16:31	15:51 (WTG08) 16:06 (WTG08)
31	05:52 20:13	06:22 19:31	06:52 18:41	07:23 16:56	06:59 16:23 (WTG08)	15:52 (WTG08) 16:06 (WTG08)
Ore potenziali eliofania	457	427	375	346	299	290
Totale, caso peggiore				191	981	79
Probabilità di eliofania				0,56	0,50	0,43
Tempo di operatività rid.				0,34	0,34	0,34
Dir. del vento rid.				0,49	0,49	0,49
Totale ridotto				0,09	0,09	0,07
Totale effettivo				18	84	6

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 4A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (65)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	17:34 (WTG03) 18:17 (WTG03)	06:25 16:54
2	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	17:34 (WTG03) 18:16 (WTG03)	06:26 16:53
3	05:30 20:30	05:55 20:10	06:24 19:27	06:54 18:37	17:34 (WTG03) 18:15 (WTG03)	06:27 16:52
4	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	17:34 (WTG03) 18:13 (WTG03)	06:28 16:51
5	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	17:34 (WTG03) 18:11 (WTG03)	06:30 16:50
6	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:32	17:34 (WTG03) 18:10 (WTG03)	06:31 16:49
7	05:32 20:29	05:58 20:05	06:28 19:20	06:58 18:30	17:34 (WTG03) 18:08 (WTG03)	06:32 16:47
8	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	17:34 (WTG03) 18:06 (WTG03)	06:33 16:46
9	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	17:34 (WTG03) 18:05 (WTG03)	06:34 16:45
10	05:34 20:28	06:01 20:02	06:31 19:15	18:08 (WTG03) 18:27 (WTG03)	07:01 18:26	06:35 16:44
11	05:35 20:28	06:02 20:00	06:32 19:13	18:04 (WTG03) 18:31 (WTG03)	07:02 18:24	06:37 16:43
12	05:36 20:27	06:03 19:59	06:33 19:12	18:00 (WTG03) 18:34 (WTG03)	07:03 18:22	06:38 16:42
13	05:36 20:27	06:04 19:58	06:34 19:10	17:57 (WTG03) 18:36 (WTG03)	07:04 18:21	06:39 16:42
14	05:37 20:26	06:05 19:56	06:35 19:08	17:55 (WTG03) 18:37 (WTG03)	07:05 18:19	06:40 16:41
15	05:38 20:26	06:06 19:55	06:36 19:07	17:53 (WTG03) 18:39 (WTG03)	07:06 18:18	06:41 16:40
16	05:39 20:25	06:07 19:54	06:37 19:05	17:51 (WTG03) 18:40 (WTG03)	07:07 18:16	06:42 16:39
17	05:40 20:25	06:08 19:52	06:38 19:03	17:49 (WTG03) 18:41 (WTG03)	07:08 18:15	06:44 16:38
18	05:40 20:24	06:09 19:51	06:39 19:02	17:47 (WTG03) 18:40 (WTG03)	07:09 18:13	06:45 16:37
19	05:41 20:23	06:10 19:49	06:40 19:00	17:46 (WTG03) 18:38 (WTG03)	07:10 18:12	06:46 16:37
20	05:42 20:23	06:11 19:48	06:41 18:58	17:45 (WTG03) 18:37 (WTG03)	07:11 18:10	06:47 16:36
21	05:43 20:22	06:12 19:47	06:42 18:57	17:43 (WTG03) 18:35 (WTG03)	07:13 18:09	06:48 16:35
22	05:44 20:21	06:13 19:45	06:43 18:55	17:42 (WTG03) 18:33 (WTG03)	07:14 18:08	06:49 16:35
23	05:44 20:20	06:14 19:44	06:44 18:53	17:41 (WTG03) 18:32 (WTG03)	07:15 18:06	06:50 16:34
24	05:45 20:20	06:15 19:42	06:45 18:52	17:40 (WTG03) 18:30 (WTG03)	07:16 18:05	06:52 16:34
25	05:46 20:19	06:16 19:41	06:46 18:50	17:39 (WTG03) 18:28 (WTG03)	06:17 17:03	06:53 16:33
26	05:47 20:18	06:17 19:39	06:47 18:48	17:38 (WTG03) 18:27 (WTG03)	06:18 17:02	06:54 16:33
27	05:48 20:17	06:18 19:38	06:48 18:47	17:37 (WTG03) 18:25 (WTG03)	06:19 17:01	06:55 16:32
28	05:49 20:16	06:19 19:36	06:49 18:45	17:36 (WTG03) 18:22 (WTG03)	06:20 16:59	06:56 16:32
29	05:50 20:15	06:20 19:34	06:50 18:43	17:35 (WTG03) 18:21 (WTG03)	06:22 16:58	06:57 16:31
30	05:51 20:14	06:21 19:33	06:51 18:42	17:35 (WTG03) 18:19 (WTG03)	06:23 16:57	06:58 16:31
31	05:52 20:13	06:22 19:31		06:24 16:56		
Ore potenziali eliofania	457	427	375	346	299	290
Totale, caso peggiore			951	533	524	1972
Probabilità di eliofania			0,67	0,56	0,50	0,43
Tempo di operatività rid.			0,34	0,34	0,34	0,34
Dir. del vento rid.			0,16	0,16	0,87	0,87
Totale ridotto			0,04	0,03	0,16	0,14
Totale effettivo			37	17	85	274

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

Recettore d'ombra: 4D - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (85)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Gennaio	Febbraio	Marzo		Aprile	Maggio	Giugno	Luglio	Agosto	Settembre		Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:32 17:47		06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30		06:52 18:40	06:25 16:54	06:59 16:31
2	07:20 16:41	07:06 17:15	06:30 17:48		06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28		06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:42	07:05 17:16	06:29 17:49		06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:24 19:27		06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50		06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25		06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51		06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23		06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52		06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:30	05:57 20:06	06:27 19:22		06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53		06:32 19:26	05:49 19:57	05:26 20:24	05:32 20:29	05:58 20:05	06:28 19:20		06:58 18:30	06:32 16:47	07:05 16:30
8	07:20 16:46	06:59 17:22	06:21 17:55		06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18		06:59 18:29	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56		06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17		07:00 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	06:18 17:57		06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15		07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58		06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:13		07:02 18:24	06:37 16:43	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59		06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12		07:03 18:22	06:38 16:42	07:09 16:30
13	07:19 16:51	06:54 17:28	06:13 18:00		06:23 19:32	05:43 20:03	05:25 20:27	05:36 20:27	06:04 19:58	06:34 19:10		07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01		06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:09		07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 17:30	06:10 18:02		06:19 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	18:40 (WTG02)	07:06 18:18	06:41 16:40	07:12 16:30
16	07:18 16:55	06:50 17:32	06:08 18:03		06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	1 18:41 (WTG02) 2 18:42 (WTG02)	07:07 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:49 17:33	06:06 18:04		06:16 19:36	05:39 20:07	05:25 20:29	05:40 20:25	06:08 19:52	06:38 19:03		07:08 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05		06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02		07:09 18:13	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06		06:13 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00		07:10 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:44 17:36	06:01 18:07		06:12 19:39	05:36 20:10	05:26 20:30	05:42 20:23	06:11 19:48	06:41 18:58		07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08		06:11 19:41	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57		07:13 18:09	06:48 16:35	07:15 16:33
22	07:14 17:01	06:42 17:39	05:58 18:09		06:09 19:42	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55		07:14 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:11		06:08 19:43	05:34 20:12	05:26 20:30	05:44 20:20	06:14 19:44	06:44 18:53		07:15 18:06	06:50 16:34	07:16 16:34
24	07:13 17:04	06:39 17:41	05:55 18:12		06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:20	06:15 19:42	06:45 18:52		07:16 18:05	06:52 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13		06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50		07:17 17:03	06:53 16:33	07:18 16:35
26	07:12 17:06	06:36 17:43	05:52 18:14		06:03 19:46	05:32 20:15	05:27 20:31	05:47 20:18	06:17 19:39	06:47 18:48		07:18 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:35 17:44	05:50 18:15		06:02 19:47	05:31 20:16	05:28 20:31	05:48 20:17	06:18 19:38	06:48 18:47		07:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16		06:01 19:48	05:31 20:17	05:28 20:31	05:49 20:16	06:19 19:36	06:49 18:45		07:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10	06:47 19:17		17:51 (WTG02) 17:52 (WTG02)	06:02 19:48	05:31 20:17	05:28 20:31	05:49 20:16	06:20 19:36	06:50 18:45		07:21 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11	06:45 19:18			05:59 19:49	05:30 20:17	05:28 20:31	05:50 20:15	06:20 19:35	06:50 18:43		07:22 16:58	06:57 16:31	07:19 16:38
31	07:08 17:12	06:43 19:19			05:58 19:50	05:30 20:18	05:29 20:31	05:51 20:14	06:21 19:33	06:51 18:42		07:23 16:57	06:58 16:31	07:19 16:38
	Ore potenziali eliofania	299	298	370	398	447	450	457	427	375		346	299	290
	Totale, caso peggiore													
	Probabilità di eliofania			3							3			
	Tempo di operatività rid.			0,46							0,67			
	Dir. del vento rid.			0,34							0,34			
	Totale ridotto			0,12							0,12			
	Totale effettivo			0,02							0,03			
				0							0			

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

Recettore d'ombra: 4R - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (93)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic
4,14	4,76	5,47	6,61	8,23	9,68	10,62	10,12	8,36	6,25	5,04	4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno
1	07:19 16:40	07:07 17:13	16:35 (WTG08)	06:31 17:47	06:42 19:20	05:57 19:51
2	07:19 16:41	07:06 17:15	16:34 (WTG08)	06:30 17:48	06:40 19:21	05:56 19:52
3	07:20 16:42	07:05 17:16	16:34 (WTG08)	06:28 17:49	06:38 19:22	05:54 19:53
4	07:20 16:42	07:04 17:17	16:34 (WTG08)	06:27 17:50	06:37 19:23	05:53 19:54
5	07:20 16:43	07:03 17:18	16:33 (WTG08)	06:25 17:51	06:35 19:24	05:52 19:55
6	07:20 16:44	07:02 17:20	16:33 (WTG08)	06:24 17:52	06:34 19:25	05:51 19:56
7	07:20 16:45	07:00 17:21	16:33 (WTG08)	06:22 17:53	06:32 19:26	05:49 19:57
8	07:19 16:46	06:59 17:22	16:33 (WTG08)	06:21 17:54	06:30 19:27	05:48 19:58
9	07:19 16:47	06:58 17:23	16:33 (WTG08)	06:19 17:56	06:29 19:28	05:47 19:59
10	07:19 16:48	06:57 17:24	16:33 (WTG08)	06:18 17:57	06:27 19:29	05:46 20:00
11	07:19 16:49	06:56 17:26	16:33 (WTG08)	06:16 17:58	06:26 19:30	05:45 20:01
12	07:19 16:50	06:55 17:27	16:34 (WTG08)	06:14 17:59	06:24 19:31	05:44 20:02
13	07:18 16:51	06:54 17:28	16:34 (WTG08)	06:13 18:00	06:23 19:32	05:43 20:03
14	07:18 16:52	06:52 17:29	16:34 (WTG08)	06:11 18:01	06:21 19:33	05:42 20:04
15	07:18 16:53	06:51 17:30	16:35 (WTG08)	06:10 18:02	06:19 19:34	05:41 20:05
16	07:17 16:55	06:50 17:32	16:36 (WTG08)	06:08 18:03	06:18 19:35	05:40 20:06
17	07:17 16:56	06:48 17:33	16:37 (WTG08)	06:06 18:04	06:16 19:36	05:39 20:07
18	07:16 16:57	06:47 17:34	16:38 (WTG08)	06:05 18:05	06:15 19:37	05:38 20:08
19	07:16 16:58	06:46 17:35	16:39 (WTG08)	06:03 18:06	06:13 19:38	05:37 20:09
20	07:15 16:59	06:44 17:36	16:41 (WTG08)	06:01 18:07	06:12 19:39	05:36 20:09
21	07:15 17:00	06:43 17:38	16:44 (WTG08)	06:00 18:08	06:11 19:40	05:36 20:10
22	07:14 17:01	06:42 17:39	16:49 (WTG08)	05:58 18:09	06:09 19:41	05:35 20:11
23	07:14 17:03	06:40 17:40	16:54 (WTG08)	05:56 18:10	06:08 19:42	05:34 20:12
24	07:13 17:04	06:39 17:41		05:55 18:12	06:06 19:44	05:33 20:13
25	07:12 17:05	06:37 17:42		05:53 18:13	06:05 19:45	05:33 20:14
26	07:12 17:06	06:36 17:43		05:51 18:14	06:03 19:46	05:32 20:15
27	07:11 17:07	16:41 (WTG08) 16:43 (WTG08)	06:34 17:44	05:50 18:15	06:02 19:47	05:31 20:16
28	07:10 17:09	16:39 (WTG08) 16:45 (WTG08)	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16
29	07:09 17:10	16:38 (WTG08) 16:46 (WTG08)		06:47 19:17	05:59 19:49	05:30 20:17
30	07:08 17:11	16:37 (WTG08) 16:47 (WTG08)		06:45 19:18	05:58 19:50	05:30 20:18
31	07:07 17:12	16:36 (WTG08) 16:48 (WTG08)		06:43 19:19		05:29 20:19
Ore potenziali eliofania	299	298	370	398	447	450
Totale, caso peggiore	38	530				
Probabilità di eliofania	0,43	0,45				
Tempo di operatività rid.	0,34	0,34				
Dir. del vento rid.	0,41	0,41				
Totale ridotto	0,06	0,06				
Totale effettivo	2	34				

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 4R - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (93)

Assunzioni sui calcoli d'ombra

Probabilità di eliofanìa (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Luglio	Agosto	Settembre	Ottobre		Novembre	Dicembre
1	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40		06:25 16:54	16:02 (WTG08) 16:31 (WTG08)
2	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38		06:26 16:53	16:02 (WTG08) 16:30 (WTG08)
3	05:30 20:30	05:55 20:10	06:24 19:27	06:54 18:37		06:27 16:52	16:03 (WTG08) 16:30 (WTG08)
4	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35		06:28 16:51	16:03 (WTG08) 16:30 (WTG08)
5	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34		06:29 16:50	16:03 (WTG08) 16:30 (WTG08)
6	05:32 20:29	05:57 20:06	06:27 19:22	06:57 18:32		06:31 16:49	16:03 (WTG08) 16:30 (WTG08)
7	05:33 20:29	05:58 20:05	06:28 19:20	06:58 18:30		06:32 16:47	16:04 (WTG08) 16:30 (WTG08)
8	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29		06:33 16:46	16:05 (WTG08) 16:30 (WTG08)
9	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27		06:34 16:45	16:05 (WTG08) 16:30 (WTG08)
10	05:34 20:28	06:01 20:01	06:31 19:15	07:01 18:26		06:35 16:44	16:06 (WTG08) 16:30 (WTG08)
11	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24		06:36 16:43	16:08 (WTG08) 16:30 (WTG08)
12	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22		06:38 16:42	16:09 (WTG08) 16:30 (WTG08)
13	05:37 20:27	06:04 19:58	06:34 19:10	07:04 18:21		06:39 16:42	16:10 (WTG08) 16:30 (WTG08)
14	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19		06:40 16:41	16:11 (WTG08) 16:30 (WTG08)
15	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18		06:41 16:40	16:14 (WTG08) 16:30 (WTG08)
16	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16		06:42 16:39	07:12 16:31
17	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15		06:43 16:38	07:13 16:31
18	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13		06:45 16:37	07:13 16:31
19	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12		06:46 16:37	07:14 16:32
20	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	10	17:17 (WTG08) 17:27 (WTG08)	06:47 16:36
21	05:43 20:22	06:12 19:46	06:42 18:57	07:12 18:09	17	17:13 (WTG08) 17:30 (WTG08)	06:48 16:35
22	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	21	17:11 (WTG08) 17:32 (WTG08)	06:49 16:35
23	05:45 20:20	06:14 19:44	06:44 18:53	07:15 18:06	25	17:09 (WTG08) 17:34 (WTG08)	06:50 16:34
24	05:45 20:19	06:15 19:42	06:45 18:52	07:16 18:05	28	17:08 (WTG08) 17:36 (WTG08)	06:51 16:34
25	05:46 20:19	06:16 19:41	06:46 18:50	07:17 17:03	29	16:07 (WTG08) 16:36 (WTG08)	06:53 16:33
26	05:47 20:18	06:17 19:39	06:47 18:48	07:18 17:02	32	16:05 (WTG08) 16:37 (WTG08)	06:54 16:33
27	05:48 20:17	06:18 19:38	06:48 18:47	07:19 17:01	33	16:04 (WTG08) 16:37 (WTG08)	06:55 16:32
28	05:49 20:16	06:19 19:36	06:49 18:45	07:20 16:59	33	16:03 (WTG08) 16:36 (WTG08)	06:56 16:32
29	05:50 20:15	06:20 19:34	06:50 18:43	07:21 16:58	31	16:03 (WTG08) 16:34 (WTG08)	06:57 16:31
30	05:51 20:14	06:21 19:33	06:51 18:42	07:22 16:57	31	16:03 (WTG08) 16:34 (WTG08)	06:58 16:31
31	05:52 20:13	06:22 19:31	06:52 18:41	07:23 16:56	29	16:03 (WTG08) 16:32 (WTG08)	06:59 16:30
Ore potenziali eliofanìa	457	427	375	346		299	290
Totale, caso peggiore				319		257	
Probabilità di eliofanìa				0,56		0,50	
Tempo di operatività rid.				0,34		0,34	
Dir. del vento rid.				0,41		0,41	
Totale ridotto				0,08		0,07	
Totale effettivo				25		18	

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 5A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (66)
Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliera di insolazione) [PALINURO C.]
Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività
0 Somma
3.000 3.000

	Gennaio		Febbraio		Marzo		Aprile		Maggio		Giugno	
1	07:19		09:20 (WTG04)	07:07	06:32		17:02 (WTG03)	06:42		18:09 (WTG03)	05:57	05:29
	16:40	65	10:25 (WTG04)	17:13	17:47	23	17:25 (WTG03)	19:20	33	18:42 (WTG03)	19:51	20:20
2	07:20		09:20 (WTG04)	07:06	06:30		17:01 (WTG03)	06:40		18:11 (WTG03)	05:56	05:28
	16:41	65	10:25 (WTG04)	17:15	17:48	26	17:27 (WTG03)	19:21	27	18:38 (WTG03)	19:52	20:20
3	07:20		09:21 (WTG04)	07:05	06:28		17:00 (WTG03)	06:38		18:16 (WTG03)	05:54	05:28
	16:42	64	10:25 (WTG04)	17:16	17:49	28	17:28 (WTG03)	19:22	18	18:34 (WTG03)	19:53	20:21
4	07:20		09:21 (WTG04)	07:04	06:27		17:00 (WTG03)	06:37			05:53	05:27
	16:42	64	10:25 (WTG04)	17:17	17:50	29	17:29 (WTG03)	19:23			19:54	20:22
5	07:20		09:22 (WTG04)	07:03	06:25		16:58 (WTG03)	06:35			05:52	05:27
	16:43	63	10:25 (WTG04)	17:18	17:51	32	17:30 (WTG03)	19:24			19:55	20:22
6	07:20		09:22 (WTG04)	07:02	06:24		16:58 (WTG03)	06:34			05:51	05:27
	16:44	62	10:24 (WTG04)	17:20	17:52	34	17:32 (WTG03)	19:25			19:56	20:23
7	07:20		09:23 (WTG04)	07:01	06:22		16:57 (WTG03)	06:32			05:49	05:26
	16:45	61	10:24 (WTG04)	17:21	17:53	35	17:32 (WTG03)	19:26			19:57	20:24
8	07:20		09:24 (WTG04)	06:59	06:21		16:56 (WTG03)	06:30			05:48	05:26
	16:46	61	10:25 (WTG04)	17:22	17:55	37	17:33 (WTG03)	19:27			19:58	20:24
9	07:19		09:25 (WTG04)	06:58	06:19		16:57 (WTG03)	06:29			05:47	05:26
	16:47	60	10:25 (WTG04)	17:23	17:56	38	17:35 (WTG03)	19:28			19:59	20:25
10	07:19		09:26 (WTG04)	06:57	06:18		16:56 (WTG03)	06:27			05:46	05:26
	16:48	59	10:25 (WTG04)	17:24	17:57	40	17:36 (WTG03)	19:29			20:00	20:25
11	07:19		09:26 (WTG04)	06:56	06:16		16:56 (WTG03)	06:26			05:45	05:26
	16:49	58	10:24 (WTG04)	17:26	17:58	41	17:37 (WTG03)	19:30			20:01	20:26
12	07:19		09:27 (WTG04)	06:55	06:14		16:55 (WTG03)	06:24			05:44	05:26
	16:50	57	10:24 (WTG04)	17:27	17:59	43	17:38 (WTG03)	19:31			20:02	20:26
13	07:19		09:29 (WTG04)	06:54	06:13		16:55 (WTG03)	06:23			05:43	05:25
	16:51	55	10:24 (WTG04)	17:28	18:00	44	17:39 (WTG03)	19:32			20:03	20:27
14	07:18		09:29 (WTG04)	06:52	06:11		16:55 (WTG03)	06:21			05:42	05:25
	16:52	54	10:23 (WTG04)	17:29	18:01	46	17:41 (WTG03)	19:33			20:04	20:27
15	07:18		09:30 (WTG04)	06:51	06:10		16:55 (WTG03)	06:19			05:41	05:25
	16:53	53	10:23 (WTG04)	17:30	18:02	46	17:41 (WTG03)	19:34			20:05	20:28
16	07:17		09:31 (WTG04)	06:50	06:08		16:55 (WTG03)	06:18			05:40	05:25
	16:55	51	10:22 (WTG04)	17:32	18:03	47	17:42 (WTG03)	19:35			20:06	20:28
17	07:17		09:33 (WTG04)	06:49	06:06		16:55 (WTG03)	06:16			05:39	05:25
	16:56	48	10:21 (WTG04)	17:33	18:04	49	17:44 (WTG03)	19:36			20:07	20:29
18	07:17		09:34 (WTG04)	06:47	06:05		16:55 (WTG03)	06:15			05:38	05:26
	16:57	46	10:20 (WTG04)	17:34	18:05	49	17:44 (WTG03)	19:37			20:08	20:29
19	07:16		09:36 (WTG04)	06:46	06:03		16:55 (WTG03)	06:13			05:37	05:26
	16:58	44	10:20 (WTG04)	17:35	18:06	50	17:45 (WTG03)	19:38			20:09	20:29
20	07:16		09:37 (WTG04)	06:44	06:01		16:56 (WTG03)	06:12			05:36	05:26
	16:59	41	10:18 (WTG04)	17:36	18:07	51	17:47 (WTG03)	19:39			20:10	20:29
21	07:15		09:39 (WTG04)	06:43	17:14 (WTG03)	06:00	16:56 (WTG03)	06:11			05:36	05:26
	17:00	38	10:17 (WTG04)	17:38	17:16 (WTG03)	18:08	17:47 (WTG03)	19:40			20:10	20:30
22	07:14		09:41 (WTG04)	06:42	17:12 (WTG03)	05:58	16:56 (WTG03)	06:09			05:35	05:26
	17:01	34	10:15 (WTG04)	17:39	17:17 (WTG03)	18:09	17:48 (WTG03)	19:42			20:11	20:30
23	07:14		09:42 (WTG04)	06:40	17:10 (WTG03)	05:56	16:57 (WTG03)	06:08			05:34	05:26
	17:03	31	10:13 (WTG04)	17:40	17:18 (WTG03)	18:11	17:50 (WTG03)	19:43			20:12	20:30
24	07:13		09:45 (WTG04)	06:39	17:09 (WTG03)	05:55	16:58 (WTG03)	06:06			05:33	05:27
	17:04	25	10:10 (WTG04)	17:41	17:20 (WTG03)	18:12	17:51 (WTG03)	19:44			20:13	20:30
25	07:12		09:49 (WTG04)	06:37	17:06 (WTG03)	05:53	16:59 (WTG03)	06:05			05:33	05:27
	17:05	18	10:07 (WTG04)	17:42	17:20 (WTG03)	18:13	17:52 (WTG03)	19:45			20:14	20:30
26	07:12		09:57 (WTG04)	06:36	17:06 (WTG03)	05:52	17:00 (WTG03)	06:03			05:32	05:27
	17:06	3	10:00 (WTG04)	17:43	17:22 (WTG03)	18:14	17:53 (WTG03)	19:46			20:15	20:30
27	07:11			06:35	17:04 (WTG03)	05:50	17:00 (WTG03)	06:02			05:31	05:28
	17:07			17:44	17:23 (WTG03)	18:15	17:53 (WTG03)	19:47			20:16	20:31
28	07:10			06:33	17:03 (WTG03)	05:48	17:02 (WTG03)	06:01			05:31	05:28
	17:09			17:46	17:24 (WTG03)	18:16	17:52 (WTG03)	19:48			20:17	20:31
29	07:09					06:47	18:03 (WTG03)	05:59			05:30	05:28
	17:10					19:17	18:49 (WTG03)	19:49			20:17	20:31
30	07:08					06:45	18:04 (WTG03)	05:58			05:30	05:29
	17:11					19:18	18:47 (WTG03)	19:50			20:18	20:31
31	07:08					06:43	18:07 (WTG03)				05:29	
	17:12					19:19	18:45 (WTG03)				20:19	
Ore potenziali eliofania	299		298		370		398		447		450	
Totale, caso peggiore	1280		96		1333		78					
Probabilità di eliofania	0,43		0,45		0,46		0,50					
Tempo di operatività rid.	0,34		0,34		0,34		0,34					
Dir. del vento rid.	0,87		0,15		0,15		0,15					
Totale ridotto	0,14		0,03		0,03		0,03					
Totale effettivo	175		2		35		2					

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

Recettore d'ombra: 5A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (66)

Assunzioni sui calcoli d'ombra

Probabilità di eliofanía (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	17:34 (WTG03) 18:17 (WTG03)	06:25 16:54
2	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	17:34 (WTG03) 18:16 (WTG03)	06:26 16:53
3	05:30 20:30	05:55 20:10	06:24 19:27	06:54 18:37	17:34 (WTG03) 18:15 (WTG03)	06:27 16:52
4	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	17:34 (WTG03) 18:13 (WTG03)	06:28 16:51
5	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	17:34 (WTG03) 18:11 (WTG03)	06:30 16:50
6	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:32	17:34 (WTG03) 18:10 (WTG03)	06:31 16:49
7	05:32 20:29	05:58 20:05	06:28 19:20	06:58 18:30	17:34 (WTG03) 18:08 (WTG03)	06:32 16:47
8	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	17:34 (WTG03) 18:06 (WTG03)	06:33 16:46
9	05:34 20:29	06:00 20:03	06:30 19:17	18:10 (WTG03) 18:26 (WTG03)	07:00 18:27	17:34 (WTG03) 18:05 (WTG03)
10	05:34 20:28	06:01 20:02	06:31 19:15	18:05 (WTG03) 18:31 (WTG03)	07:01 18:26	17:34 (WTG03) 18:03 (WTG03)
11	05:35 20:28	06:02 20:00	06:32 19:13	18:01 (WTG03) 18:34 (WTG03)	07:02 18:24	17:35 (WTG03) 18:01 (WTG03)
12	05:36 20:27	06:03 19:59	06:33 19:12	17:58 (WTG03) 18:36 (WTG03)	07:03 18:22	17:35 (WTG03) 18:00 (WTG03)
13	05:36 20:27	06:04 19:58	06:34 19:10	17:56 (WTG03) 18:38 (WTG03)	07:04 18:21	17:35 (WTG03) 17:58 (WTG03)
14	05:37 20:26	06:05 19:56	06:35 19:08	17:54 (WTG03) 18:39 (WTG03)	07:05 18:19	17:36 (WTG03) 17:56 (WTG03)
15	05:38 20:26	06:06 19:55	06:36 19:07	17:52 (WTG03) 18:41 (WTG03)	07:06 18:18	17:37 (WTG03) 17:55 (WTG03)
16	05:39 20:25	06:07 19:54	06:37 19:05	17:50 (WTG03) 18:42 (WTG03)	07:07 18:16	17:38 (WTG03) 17:53 (WTG03)
17	05:40 20:25	06:08 19:52	06:38 19:03	17:48 (WTG03) 18:41 (WTG03)	07:08 18:15	17:39 (WTG03) 17:52 (WTG03)
18	05:40 20:24	06:09 19:51	06:39 19:02	17:47 (WTG03) 18:40 (WTG03)	07:09 18:13	17:41 (WTG03) 17:51 (WTG03)
19	05:41 20:23	06:10 19:49	06:40 19:00	17:45 (WTG03) 18:38 (WTG03)	07:10 18:12	17:42 (WTG03) 17:49 (WTG03)
20	05:42 20:23	06:11 19:48	06:41 18:58	17:44 (WTG03) 18:37 (WTG03)	07:11 18:10	17:43 (WTG03) 17:47 (WTG03)
21	05:43 20:22	06:12 19:47	06:42 18:57	17:43 (WTG03) 18:35 (WTG03)	07:13 18:09	17:45 (WTG03) 17:46 (WTG03)
22	05:44 20:21	06:13 19:45	06:43 18:55	17:42 (WTG03) 18:33 (WTG03)	07:14 18:08	17:44 (WTG03) 16:35
23	05:44 20:20	06:14 19:44	06:44 18:53	17:40 (WTG03) 18:32 (WTG03)	07:15 18:06	17:44 (WTG03) 16:34
24	05:45 20:20	06:15 19:42	06:45 18:52	17:40 (WTG03) 18:30 (WTG03)	07:16 18:05	17:44 (WTG03) 16:34
25	05:46 20:19	06:16 19:41	06:46 18:50	17:39 (WTG03) 18:28 (WTG03)	06:17 17:03	16:34 16:33
26	05:47 20:18	06:17 19:39	06:47 18:48	17:38 (WTG03) 18:27 (WTG03)	06:18 17:02	16:34 16:33
27	05:48 20:17	06:18 19:38	06:48 18:47	17:37 (WTG03) 18:25 (WTG03)	06:19 17:01	16:33 16:32
28	05:49 20:16	06:19 19:36	06:49 18:45	17:36 (WTG03) 18:22 (WTG03)	06:20 16:59	16:32 16:32
29	05:50 20:15	06:20 19:34	06:50 18:43	17:35 (WTG03) 18:21 (WTG03)	06:22 16:58	16:32 16:31
30	05:51 20:14	06:21 19:33	06:51 18:42	17:34 (WTG03) 18:19 (WTG03)	06:23 16:57	16:31 16:31
31	05:52 20:13	06:22 19:31	06:52 18:42	17:33 (WTG03) 16:56	06:24 16:56	16:31 16:30
Ore potenziali eliofanía	457	427	375	346	299	290
Totale, caso peggiore			1001	526	598	2010
Probabilità di eliofanía			0,67	0,56	0,50	0,43
Tempo di operatività rid.			0,34	0,34	0,34	0,34
Dir. del vento rid.			0,15	0,15	0,87	0,87
Totale ridotto			0,04	0,03	0,16	0,14
Totale effettivo			38	17	96	278

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

Recettore d'ombra: 5D - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (86)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	
1	07:19 16:40	07:07 17:13	06:31 17:47	06:42 19:20	18:16 (WTG04) 18:43 (WTG04)	05:57 19:51	05:29 20:20
2	07:20 16:41	07:06 17:15	06:30 17:48	06:40 19:21	18:15 (WTG04) 18:40 (WTG04)	05:55 19:52	05:28 20:20
3	07:20 16:41	07:05 17:16	06:28 17:49	06:38 19:22	18:15 (WTG04) 18:39 (WTG04)	05:54 19:53	05:28 20:21
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	18:14 (WTG04) 18:36 (WTG04)	05:53 19:54	05:27 20:22
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	18:13 (WTG04) 18:34 (WTG04)	05:52 19:55	05:27 20:22
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	18:14 (WTG04) 18:32 (WTG04)	05:51 19:56	05:27 20:23
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	18:13 (WTG04) 18:29 (WTG04)	05:49 19:57	05:26 20:24
8	07:20 16:46	06:59 17:22	06:21 17:54	06:30 19:27	18:13 (WTG04) 18:28 (WTG04)	05:48 19:58	05:26 20:24
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	18:13 (WTG04) 18:25 (WTG04)	05:47 19:59	05:26 20:25
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	18:13 (WTG04) 18:24 (WTG04)	05:46 20:00	05:26 20:25
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	18:12 (WTG04) 18:21 (WTG04)	05:45 20:01	05:26 20:26
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	18:12 (WTG04) 18:19 (WTG04)	05:44 20:02	05:26 20:26
13	07:19 16:51	06:54 17:28	06:13 18:00	06:23 19:32	18:12 (WTG04) 18:17 (WTG04)	05:43 20:03	05:25 20:27
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	18:12 (WTG04) 18:15 (WTG04)	05:42 20:04	05:25 20:27
15	07:18 16:53	06:51 17:30	06:10 18:02	06:19 19:34		05:41 20:05	05:25 20:28
16	07:17 16:55	06:50 17:32	06:08 18:03	06:18 17:41 (WTG04) 17:42 (WTG04)	06:18 19:35	05:40 20:06	05:25 20:28
17	07:17 16:56	06:48 17:33	06:06 18:04	06:16 17:38 (WTG04) 17:44 (WTG04)	06:16 19:36	05:39 20:07	05:25 20:29
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 17:35 (WTG04) 17:44 (WTG04)	06:15 19:37	05:38 20:08	05:26 20:29
19	07:16 16:58	06:46 17:35	06:03 18:06	06:13 17:33 (WTG04) 17:45 (WTG04)	06:13 19:38	05:37 20:09	05:26 20:29
20	07:16 16:59	06:44 17:36	06:01 18:07	06:12 17:31 (WTG04) 17:47 (WTG04)	06:12 19:39	05:36 20:10	05:26 20:29
21	07:15 17:00	06:43 17:38	06:00 18:08	06:10 17:29 (WTG04) 17:47 (WTG04)	06:10 19:40	05:36 20:10	05:26 20:30
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 17:27 (WTG04) 17:48 (WTG04)	06:09 19:41	05:35 20:11	05:26 20:30
23	07:14 17:03	06:40 17:40	05:56 18:10	06:08 17:26 (WTG04) 17:50 (WTG04)	06:08 19:43	05:34 20:12	05:26 20:30
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 17:24 (WTG04) 17:51 (WTG04)	06:06 19:44	05:33 20:13	05:27 20:30
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 17:23 (WTG04) 17:51 (WTG04)	06:05 19:45	05:33 20:14	05:27 20:30
26	07:12 17:06	06:36 17:43	05:51 18:14	06:03 17:22 (WTG04) 17:53 (WTG04)	06:03 19:46	05:32 20:15	05:27 20:30
27	07:11 17:07	06:34 17:44	05:50 18:15	06:02 17:21 (WTG04) 17:53 (WTG04)	06:02 19:47	05:31 20:16	05:28 20:30
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 17:20 (WTG04) 17:52 (WTG04)	06:01 19:48	05:31 20:16	05:28 20:31
29	07:09 17:10		06:47 19:17	05:59 18:19 (WTG04) 18:49 (WTG04)	05:59 19:49	05:30 20:17	05:28 20:31
30	07:08 17:11		06:45 19:18	05:58 18:18 (WTG04) 18:47 (WTG04)	05:58 19:50	05:30 20:18	05:29 20:30
31	07:08 17:12		06:43 19:19	05:58 18:17 (WTG04) 18:45 (WTG04)		05:29 20:19	
Ore potenziali eliofania	299	298	370	398		447	450
Totale, caso peggiore			344		215		
Probabilità di eliofania			0,46		0,50		
Tempo di operatività rid.			0,34		0,34		
Dir. del vento rid.			0,07		0,07		
Totale ridotto			0,01		0,01		
Totale effettivo			4		3		

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

Recettore d'ombra: 5D - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (86)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic
4,14	4,76	5,47	6,61	8,23	9,68	10,62	10,12	8,36	6,25	5,04	4,06

Tempo di operatività

0 Somma

3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29	05:53	06:23	18:11 (WTG04)	06:52	06:59
	20:30	20:12	19:30	9 18:20 (WTG04)	18:40	16:31
2	05:30	05:54	06:23	18:11 (WTG04)	06:53	06:26
	20:30	20:11	19:28	11 18:22 (WTG04)	18:38	16:53
3	05:30	05:54	06:24	18:11 (WTG04)	06:54	06:27
	20:30	20:10	19:27	12 18:23 (WTG04)	18:37	16:52
4	05:31	05:55	06:25	18:10 (WTG04)	06:55	06:28
	20:30	20:09	19:25	15 18:25 (WTG04)	18:35	16:51
5	05:31	05:56	06:26	18:10 (WTG04)	06:56	06:30
	20:30	20:08	19:23	16 18:26 (WTG04)	18:34	16:50
6	05:32	05:57	06:27	18:10 (WTG04)	06:57	06:31
	20:30	20:06	19:22	18 18:28 (WTG04)	18:32	16:49
7	05:32	05:58	06:28	18:10 (WTG04)	06:58	06:32
	20:29	20:05	19:20	19 18:29 (WTG04)	18:30	16:47
8	05:33	05:59	06:29	18:09 (WTG04)	06:59	06:33
	20:29	20:04	19:18	22 18:31 (WTG04)	18:29	16:46
9	05:34	06:00	06:30	18:08 (WTG04)	07:00	06:34
	20:29	20:03	19:17	24 18:32 (WTG04)	18:27	16:45
10	05:34	06:01	06:31	18:08 (WTG04)	07:01	06:35
	20:28	20:02	19:15	25 18:33 (WTG04)	18:26	16:44
11	05:35	06:02	06:32	18:08 (WTG04)	07:02	06:37
	20:28	20:00	19:13	27 18:35 (WTG04)	18:24	16:43
12	05:36	06:03	06:33	18:09 (WTG04)	07:03	06:38
	20:27	19:59	19:12	27 18:36 (WTG04)	18:22	16:42
13	05:36	06:04	06:34	18:09 (WTG04)	07:04	06:39
	20:27	19:58	19:10	29 18:38 (WTG04)	18:21	16:42
14	05:37	06:05	06:35	18:09 (WTG04)	07:05	06:40
	20:26	19:56	19:08	30 18:39 (WTG04)	18:19	16:41
15	05:38	06:06	06:36	18:09 (WTG04)	07:06	06:41
	20:26	19:55	19:07	32 18:41 (WTG04)	18:18	16:40
16	05:39	06:07	06:37	18:10 (WTG04)	07:07	06:42
	20:25	19:54	19:05	32 18:42 (WTG04)	18:16	16:39
17	05:40	06:08	06:38	18:10 (WTG04)	07:08	06:44
	20:25	19:52	19:03	31 18:41 (WTG04)	18:15	16:38
18	05:40	06:09	06:39	18:11 (WTG04)	07:09	06:45
	20:24	19:51	19:02	29 18:40 (WTG04)	18:13	16:37
19	05:41	06:10	06:40	18:11 (WTG04)	07:10	06:46
	20:23	19:49	19:00	27 18:38 (WTG04)	18:12	16:37
20	05:42	06:11	06:41	18:12 (WTG04)	07:11	06:47
	20:23	19:48	18:58	25 18:37 (WTG04)	18:10	16:36
21	05:43	06:12	06:42	18:13 (WTG04)	07:13	06:48
	20:22	19:47	18:57	22 18:35 (WTG04)	18:09	16:35
22	05:44	06:13	06:43	18:14 (WTG04)	07:14	06:49
	20:21	19:45	18:55	19 18:33 (WTG04)	18:08	16:35
23	05:44	06:14	06:44	18:15 (WTG04)	07:15	06:50
	20:20	19:44	18:53	17 18:32 (WTG04)	18:06	16:34
24	05:45	06:15	06:45	18:17 (WTG04)	07:16	06:52
	20:20	19:42	18:52	13 18:30 (WTG04)	18:05	16:34
25	05:46	06:16	06:46	18:18 (WTG04)	06:17	06:53
	20:19	19:41	18:50	10 18:28 (WTG04)	17:03	16:33
26	05:47	06:17	06:47	18:19 (WTG04)	06:18	06:54
	20:18	19:39	18:48	7 18:26 (WTG04)	17:02	16:33
27	05:48	06:18	06:48	18:21 (WTG04)	06:19	06:55
	20:17	19:38	18:47	3 18:24 (WTG04)	17:01	16:32
28	05:49	06:19	06:49		06:20	06:56
	20:16	19:36	18:45		16:59	16:32
29	05:50	06:20	18:13 (WTG04)	06:50	06:21	06:57
	20:15	19:34	3 18:16 (WTG04)	18:43	16:58	16:31
30	05:51	06:21	18:12 (WTG04)	06:51	06:23	06:58
	20:14	19:33	5 18:17 (WTG04)	18:42	16:57	16:31
31	05:52	06:22	18:12 (WTG04)		06:24	07:19
	20:13	19:31	7 18:19 (WTG04)		16:56	16:39
Ore potenziali eliofania	457	427	375	346	299	290
Totale, caso peggiore		15	551			
Probabilità di eliofania		0,74	0,67			
Tempo di operatività rid.		0,34	0,34			
Dir. del vento rid.		0,07	0,07			
Totale ridotto		0,02	0,02			
Totale effettivo		0	9			

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	Final ombreggiamento (hh:mm)
			(WTG che provoca l'ultimo ombreggiamento)

SHADOW - Calendario

Recettore d'ombra: 5R - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (94)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:31 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:19 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:55 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:23 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:41	07:05 17:16	06:28 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:54 20:10	06:24 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:29	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:49 19:57	05:26 20:24	05:32 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	07:05 16:30
8	07:19 16:46	06:59 17:22	06:21 17:54	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 16:43	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:42	07:09 16:30
13	07:18 16:51	06:54 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:25 20:27	05:36 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 17:30	06:09 18:02	06:19 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 16:40	07:12 16:30
16	07:17 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:48 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:25 20:28	05:39 20:25	06:08 19:52	06:38 19:03	07:08 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:13 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:44 17:36	06:01 18:07	06:12 19:39	05:36 20:09	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:10 19:40	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:12 18:09	06:48 16:35	07:15 16:32
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 19:41	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:07	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:10	06:08 19:42	05:34 20:12	05:26 20:30	05:44 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	07:16 16:33
24	07:13 17:04	06:39 17:41	05:55 18:11	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:19	06:15 19:42	06:45 18:52	07:16 18:05	06:51 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:17 17:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:51 18:14	06:03 19:46	05:32 20:15	05:27 20:30	05:47 20:18	06:17 19:39	06:47 18:48	06:18 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:34 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:30	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:16	05:28 20:30	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10	06:47 19:17	05:59 19:49	05:30 20:17	05:28 20:30	05:28 20:15	05:50 19:34	06:20 18:43	06:50 16:58	06:21 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11	06:45 19:18	05:58 19:50	05:30 20:18	05:29 20:30	05:29 20:14	05:51 19:33	06:21 18:42	06:51 16:57	06:23 16:31	06:58 16:31	07:19 16:38
31	07:07 17:12	06:43 19:19	06:43 19:19	06:29 20:19	05:29 20:19	05:29 20:13	05:52 19:31	06:22 19:31	06:24 16:56	06:24 16:56	06:59 16:39	07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 6A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (67)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

Gennaio		Febbraio		Marzo		Aprile		Maggio		Giugno		
1	07:19	09:26 (WTG04)	07:07	06:32	17:23 (WTG03)	06:42	18:11 (WTG03)	05:57	05:29			
	16:40	72	10:38 (WTG04)	17:13	17:47	2	17:25 (WTG03)	19:20	32	18:43 (WTG03)	19:51	20:20
2	07:20	09:26 (WTG04)	07:06	06:30	17:22 (WTG03)	06:40	18:12 (WTG03)	05:56	05:28			
	16:41	72	10:38 (WTG04)	17:15	17:48	5	17:27 (WTG03)	19:21	28	18:40 (WTG03)	19:52	20:20
3	07:20	09:27 (WTG04)	07:05	06:28	17:20 (WTG03)	06:38	18:14 (WTG03)	05:54	05:28			
	16:41	71	10:38 (WTG04)	17:16	17:49	8	17:28 (WTG03)	19:22	25	18:39 (WTG03)	19:53	20:21
4	07:20	09:28 (WTG04)	07:04	06:27	17:19 (WTG03)	06:37	18:16 (WTG03)	05:53	05:27			
	16:42	70	10:38 (WTG04)	17:17	17:50	10	17:29 (WTG03)	19:23	20	18:36 (WTG03)	19:54	20:22
5	07:20	09:28 (WTG04)	07:03	06:25	17:17 (WTG03)	06:35	18:18 (WTG03)	05:52	05:27			
	16:43	71	10:39 (WTG04)	17:18	17:51	13	17:30 (WTG03)	19:24	16	18:34 (WTG03)	19:55	20:22
6	07:20	09:28 (WTG04)	07:02	06:24	17:16 (WTG03)	06:34	18:20 (WTG03)	05:51	05:27			
	16:44	70	10:38 (WTG04)	17:20	17:52	16	17:32 (WTG03)	19:25	12	18:32 (WTG03)	19:56	20:23
7	07:20	09:29 (WTG04)	07:01	06:22	17:14 (WTG03)	06:32	18:23 (WTG03)	05:49	05:26			
	16:45	69	10:38 (WTG04)	17:21	17:53	18	17:32 (WTG03)	19:26	6	18:29 (WTG03)	19:57	20:24
8	07:20	09:30 (WTG04)	06:59	06:21	17:13 (WTG03)	06:30	18:29 (WTG03)	05:48	05:26			
	16:46	68	10:38 (WTG04)	17:22	17:55	20	17:33 (WTG03)	19:27		19:58	20:24	
9	07:19	09:31 (WTG04)	06:58	06:19	17:12 (WTG03)	06:29		05:47	05:26			
	16:47	67	10:38 (WTG04)	17:23	17:56	23	17:35 (WTG03)	19:28		19:59	20:25	
10	07:19	09:32 (WTG04)	06:57	06:18	17:11 (WTG03)	06:27		05:46	05:26			
	16:48	66	10:38 (WTG04)	17:24	17:57	25	17:36 (WTG03)	19:29		20:00	20:25	
11	07:19	09:32 (WTG04)	06:56	06:16	17:11 (WTG03)	06:26		05:45	05:26			
	16:49	66	10:38 (WTG04)	17:26	17:58	26	17:37 (WTG03)	19:30		20:01	20:26	
12	07:19	09:33 (WTG04)	06:55	06:14	17:10 (WTG03)	06:24		05:44	05:26			
	16:50	65	10:38 (WTG04)	17:27	17:59	28	17:38 (WTG03)	19:31		20:02	20:26	
13	07:19	09:34 (WTG04)	06:54	06:13	17:09 (WTG03)	06:23		05:43	05:25			
	16:51	64	10:38 (WTG04)	17:28	18:00	30	17:39 (WTG03)	19:32		20:03	20:27	
14	07:18	09:35 (WTG04)	06:52	06:11	17:09 (WTG03)	06:21		05:42	05:25			
	16:52	62	10:37 (WTG04)	17:29	18:01	32	17:41 (WTG03)	19:33		20:04	20:27	
15	07:18	09:36 (WTG04)	06:51	06:10	17:08 (WTG03)	06:19		05:41	05:25			
	16:53	61	10:37 (WTG04)	17:30	18:02	33	17:41 (WTG03)	19:34		20:05	20:28	
16	07:17	09:36 (WTG04)	06:50	06:08	17:07 (WTG03)	06:18		05:40	05:25			
	16:55	60	10:36 (WTG04)	17:32	18:03	35	17:42 (WTG03)	19:35		20:06	20:28	
17	07:17	09:38 (WTG04)	06:49	06:06	17:07 (WTG03)	06:16		05:39	05:25			
	16:56	58	10:36 (WTG04)	17:33	18:04	37	17:44 (WTG03)	19:36		20:07	20:29	
18	07:17	09:39 (WTG04)	06:47	06:05	17:07 (WTG03)	06:15		05:38	05:26			
	16:57	55	10:34 (WTG04)	17:34	18:05	37	17:44 (WTG03)	19:37		20:08	20:29	
19	07:16	09:40 (WTG04)	06:46	06:03	17:06 (WTG03)	06:13		05:37	05:26			
	16:58	54	10:34 (WTG04)	17:35	18:06	39	17:45 (WTG03)	19:38		20:09	20:29	
20	07:16	09:41 (WTG04)	06:44	06:01	17:07 (WTG03)	06:12		05:36	05:26			
	16:59	52	10:33 (WTG04)	17:36	18:07	40	17:47 (WTG03)	19:39		20:10	20:29	
21	07:15	09:43 (WTG04)	06:43	06:00	17:06 (WTG03)	06:11		05:36	05:26			
	17:00	49	10:32 (WTG04)	17:38	18:08	41	17:47 (WTG03)	19:40		20:10	20:30	
22	07:14	09:44 (WTG04)	06:42	05:58	17:06 (WTG03)	06:09		05:35	05:26			
	17:01	47	10:31 (WTG04)	17:39	18:09	42	17:48 (WTG03)	19:42		20:11	20:30	
23	07:14	09:46 (WTG04)	06:40	05:56	17:07 (WTG03)	06:08		05:34	05:26			
	17:03	43	10:29 (WTG04)	17:40	18:11	43	17:50 (WTG03)	19:43		20:12	20:30	
24	07:13	09:47 (WTG04)	06:39	05:55	17:07 (WTG03)	06:06		05:33	05:27			
	17:04	40	10:27 (WTG04)	17:41	18:12	44	17:51 (WTG03)	19:44		20:13	20:30	
25	07:12	09:50 (WTG04)	06:37	05:53	17:06 (WTG03)	06:05		05:33	05:27			
	17:05	36	10:26 (WTG04)	17:42	18:13	45	17:51 (WTG03)	19:45		20:14	20:30	
26	07:12	09:53 (WTG04)	06:36	05:52	17:07 (WTG03)	06:03		05:32	05:27			
	17:06	30	10:23 (WTG04)	17:43	18:14	46	17:53 (WTG03)	19:46		20:15	20:30	
27	07:11	09:55 (WTG04)	06:35	05:50	17:07 (WTG03)	06:02		05:31	05:28			
	17:07	25	10:20 (WTG04)	17:44	18:15	46	17:53 (WTG03)	19:47		20:16	20:31	
28	07:10	10:00 (WTG04)	06:33	05:48	17:09 (WTG03)	06:01		05:31	05:28			
	17:09	15	10:15 (WTG04)	17:46	18:16	43	17:52 (WTG03)	19:48		20:16	20:31	
29	07:09			06:47	18:09 (WTG03)	05:59		05:30	05:28			
	17:10			19:17	40	18:49 (WTG03)	19:49		20:17	20:31		
30	07:08			06:45	18:09 (WTG03)	05:58		05:30	05:29			
	17:11			19:18	38	18:47 (WTG03)	19:50		20:18	20:31		
31	07:08			06:43	18:11 (WTG03)			05:29				
	17:12			19:19	34	18:45 (WTG03)		20:19				
Ore potenziali eliofania	299		298	370		398		447		450		
Totale, caso peggiore	1578			939		139						
Probabilità di eliofania	0,43			0,46		0,50						
Tempo di operatività rid.	0,34			0,34		0,34						
Dir. del vento rid.	0,88			0,09		0,09						
Totale ridotto	0,14			0,02		0,02						
Totale effettivo	219			15		2						

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 6A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (67)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre		
1	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	17:48 (WTG03) 18:17 (WTG03)	06:25 16:54	06:59 16:31	09:14 (WTG04) 10:20 (WTG04)
2	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	17:48 (WTG03) 18:16 (WTG03)	06:26 16:53	07:00 16:30	09:14 (WTG04) 10:20 (WTG04)
3	05:30 20:30	05:55 20:10	06:24 19:27	06:54 18:37	17:49 (WTG03) 18:15 (WTG03)	06:27 16:52	07:01 16:30	09:14 (WTG04) 10:21 (WTG04)
4	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	17:50 (WTG03) 18:13 (WTG03)	06:28 16:51	07:02 16:30	09:14 (WTG04) 10:22 (WTG04)
5	05:31 20:30	05:56 20:08	06:26 19:23	18:20 (WTG03) 18:26 (WTG03)	06:56 18:34	06:30 16:50	07:03 16:30	09:14 (WTG04) 10:23 (WTG04)
6	05:32 20:30	05:57 20:06	06:27 19:22	18:16 (WTG03) 18:28 (WTG03)	06:57 18:32	06:31 16:49	07:04 16:30	09:14 (WTG04) 10:24 (WTG04)
7	05:32 20:29	05:58 20:05	06:28 19:20	18:13 (WTG03) 18:29 (WTG03)	06:58 18:30	06:32 16:47	07:05 16:30	09:14 (WTG04) 10:25 (WTG04)
8	05:33 20:29	05:59 20:04	06:29 19:18	18:11 (WTG03) 18:31 (WTG03)	06:59 18:29	06:33 16:46	07:06 16:30	09:15 (WTG04) 10:25 (WTG04)
9	05:34 20:29	06:00 20:03	06:30 19:17	18:08 (WTG03) 18:31 (WTG03)	07:00 18:27	06:34 16:45	07:07 16:30	09:15 (WTG04) 10:26 (WTG04)
10	05:34 20:28	06:01 20:02	06:31 19:15	18:06 (WTG03) 18:33 (WTG03)	07:01 18:26	06:35 16:44	07:08 16:30	09:15 (WTG04) 10:27 (WTG04)
11	05:35 20:28	06:02 20:00	06:32 19:13	18:04 (WTG03) 18:34 (WTG03)	07:02 18:24	06:37 16:43	07:08 16:30	09:16 (WTG04) 10:28 (WTG04)
12	05:36 20:27	06:03 19:59	06:33 19:12	18:02 (WTG03) 18:36 (WTG03)	07:03 18:22	06:38 16:42	07:09 16:30	09:16 (WTG04) 10:29 (WTG04)
13	05:36 20:27	06:04 19:58	06:34 19:10	18:01 (WTG03) 18:38 (WTG03)	07:04 18:21	06:39 16:42	07:10 16:30	09:16 (WTG04) 10:29 (WTG04)
14	05:37 20:26	06:05 19:56	06:35 19:08	17:59 (WTG03) 18:39 (WTG03)	07:05 18:19	06:40 16:41	07:11 16:30	09:16 (WTG04) 10:29 (WTG04)
15	05:38 20:26	06:06 19:55	06:36 19:07	17:58 (WTG03) 18:41 (WTG03)	07:06 18:18	06:41 16:40	07:12 16:30	09:17 (WTG04) 10:30 (WTG04)
16	05:39 20:25	06:07 19:54	06:37 19:05	17:57 (WTG03) 18:42 (WTG03)	07:07 18:16	06:42 16:39	07:12 16:31	09:18 (WTG04) 10:31 (WTG04)
17	05:40 20:25	06:08 19:52	06:38 19:03	17:56 (WTG03) 18:41 (WTG03)	07:08 18:15	06:44 16:38	07:13 16:31	09:17 (WTG04) 10:31 (WTG04)
18	05:40 20:24	06:09 19:51	06:39 19:02	17:55 (WTG03) 18:40 (WTG03)	07:09 18:13	06:45 16:37	07:14 16:31	09:18 (WTG04) 10:32 (WTG04)
19	05:41 20:23	06:10 19:49	06:40 19:00	17:54 (WTG03) 18:38 (WTG03)	07:10 18:12	06:46 16:37	07:14 16:32	09:18 (WTG04) 10:32 (WTG04)
20	05:42 20:23	06:11 19:48	06:41 18:58	17:53 (WTG03) 18:37 (WTG03)	07:11 18:10	06:47 16:36	07:15 16:32	09:19 (WTG04) 10:33 (WTG04)
21	05:43 20:22	06:12 19:47	06:42 18:57	17:52 (WTG03) 18:35 (WTG03)	07:13 18:09	06:48 16:35	07:15 16:33	09:19 (WTG04) 10:33 (WTG04)
22	05:44 20:21	06:13 19:45	06:43 18:55	17:52 (WTG03) 18:33 (WTG03)	07:14 18:08	06:49 16:35	07:16 16:33	09:20 (WTG04) 10:34 (WTG04)
23	05:44 20:20	06:14 19:44	06:44 18:53	17:51 (WTG03) 18:32 (WTG03)	07:15 18:06	06:50 16:34	07:16 16:34	09:20 (WTG04) 10:34 (WTG04)
24	05:45 20:20	06:15 19:42	06:45 18:52	17:51 (WTG03) 18:30 (WTG03)	07:16 18:05	06:52 16:34	07:17 16:34	09:21 (WTG04) 10:35 (WTG04)
25	05:46 20:19	06:16 19:41	06:46 18:50	17:50 (WTG03) 18:28 (WTG03)	06:17 17:03	06:53 16:33	07:17 16:35	09:21 (WTG04) 10:35 (WTG04)
26	05:47 20:18	06:17 19:39	06:47 18:48	17:50 (WTG03) 18:27 (WTG03)	06:18 17:02	06:54 16:33	07:18 16:35	09:21 (WTG04) 10:35 (WTG04)
27	05:48 20:17	06:18 19:38	06:48 18:47	17:50 (WTG03) 18:25 (WTG03)	06:19 17:01	06:55 16:32	07:18 16:36	09:23 (WTG04) 10:36 (WTG04)
28	05:49 20:16	06:19 19:36	06:49 18:45	17:48 (WTG03) 18:22 (WTG03)	06:20 16:59	06:56 16:32	07:18 16:37	09:23 (WTG04) 10:36 (WTG04)
29	05:50 20:15	06:20 19:34	06:50 18:43	17:48 (WTG03) 18:21 (WTG03)	06:22 16:58	06:57 16:31	07:19 16:37	09:23 (WTG04) 10:36 (WTG04)
30	05:51 20:14	06:21 19:33	06:51 18:42	17:48 (WTG03) 18:19 (WTG03)	06:23 16:57	06:58 16:31	07:19 16:38	09:24 (WTG04) 10:37 (WTG04)
31	05:52 20:13	06:22 19:31		06:24 16:56			07:19 16:39	09:24 (WTG04) 10:37 (WTG04)
Ore potenziali eliofania	457	427	375	346	299	290		
Totale, caso peggiore			883	210	817	2232		
Probabilità di eliofania			0,67	0,56	0,50	0,43		
Tempo di operatività rid.			0,34	0,34	0,34	0,34		
Dir. del vento rid.			0,09	0,09	0,88	0,88		
Totale ridotto			0,02	0,02	0,16	0,14		
Totale effettivo			20	4	133	313		

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 6D - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (87)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:20 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:41	07:05 17:16	06:29 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:24 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:49 19:57	05:26 20:24	05:32 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	07:05 16:30
8	07:20 16:46	07:00 17:22	06:21 17:55	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:14	07:02 18:24	06:37 16:43	07:09 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:27	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:42	07:09 16:30
13	07:19 16:51	06:54 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:25 20:27	05:36 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:09	07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 17:30	06:10 18:02	06:19 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 16:40	07:12 16:30
16	07:18 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:49 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:25 20:29	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:13 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:50	06:40 19:00	07:10 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:45 17:36	06:01 18:07	06:12 19:40	05:36 20:10	05:26 20:30	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:11 19:41	05:36 20:11	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:13 18:09	06:48 16:35	07:15 16:33
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 19:42	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:11	06:08 19:43	05:34 20:12	05:26 20:30	05:44 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	07:16 16:33
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:20	06:15 19:42	06:45 18:52	07:16 18:05	06:52 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:17 17:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:52 18:14	06:03 19:46	05:32 20:15	05:27 20:31	05:47 20:18	06:17 19:39	06:47 18:48	06:18 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:35 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:31	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:17	05:28 20:31	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10		06:47 19:17	05:59 19:49	05:30 20:17	05:28 20:31	05:50 20:15	06:20 19:35	06:50 18:43	06:22 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11		06:45 19:18	05:58 19:50	05:30 20:18	05:29 20:31	05:51 20:14	06:21 19:33	06:51 18:42	06:23 16:57	06:58 16:31	07:19 16:38
31	07:08 17:12		06:43 19:19		05:29 20:19		05:52 20:13	06:22 19:31		06:24 16:56		07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 6R - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (95)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	
1	07:20 16:40	07:07 17:13	06:32 17:47	06:42 19:20	07:25 (WTG01) 07:44 (WTG01)	05:57 19:51	05:29 20:20
2	07:20 16:41	07:06 17:15	06:30 17:48	06:40 19:21	07:26 (WTG01) 07:45 (WTG01)	05:56 19:52	05:28 20:20
3	07:20 16:42	07:05 17:16	06:29 17:49	06:39 19:22	07:28 (WTG01) 07:46 (WTG01)	05:54 19:53	05:28 20:21
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	07:30 (WTG01) 07:46 (WTG01)	05:53 19:54	05:27 20:22
5	07:20 16:43	07:03 17:18	06:26 17:51	06:35 19:24	07:32 (WTG01) 07:47 (WTG01)	05:52 19:55	05:27 20:23
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	07:33 (WTG01) 07:46 (WTG01)	05:51 19:56	05:27 20:23
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	07:34 (WTG01) 07:46 (WTG01)	05:49 19:57	05:26 20:24
8	07:20 16:46	07:00 17:22	06:21 17:55	06:30 19:27	07:36 (WTG01) 07:46 (WTG01)	05:48 19:58	05:26 20:24
9	07:20 16:47	06:58 17:23	06:19 17:56	06:29 19:28	07:37 (WTG01) 07:46 (WTG01)	05:47 19:59	05:26 20:25
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	07:39 (WTG01) 07:46 (WTG01)	05:46 20:00	05:26 20:26
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	07:40 (WTG01) 07:45 (WTG01)	05:45 20:01	05:26 20:26
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	07:42 (WTG01) 07:45 (WTG01)	05:44 20:02	05:26 20:27
13	07:19 16:51	06:54 17:28	06:13 18:00	06:23 19:32		05:43 20:03	05:25 20:27
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33		05:42 20:04	05:25 20:28
15	07:18 16:53	06:51 17:31	06:10 18:02	06:20 19:34		05:41 20:05	05:25 20:28
16	07:18 16:55	06:50 17:32	06:08 18:03	06:18 19:35		05:40 20:06	05:25 20:28
17	07:17 16:56	06:49 17:33	06:06 18:04	06:17 19:36		05:39 20:07	05:25 20:29
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37		05:38 20:08	05:26 20:29
19	07:16 16:58	06:46 17:35	06:03 18:06	06:14 19:39		05:37 20:09	05:26 20:29
20	07:16 16:59	06:45 17:36	06:01 18:07	06:12 19:40		05:36 20:10	05:26 20:30
21	07:15 17:00	06:43 17:38	06:00 18:08	06:11 19:41		05:36 20:11	05:26 20:30
22	07:15 17:01	06:42 17:39	05:58 18:10	06:09 19:42		05:35 20:11	05:26 20:30
23	07:14 17:03	06:40 17:40	05:57 18:11	06:08 19:43		05:34 20:12	05:26 20:30
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44		05:33 20:13	05:27 20:30
25	07:13 17:05	06:38 17:42	05:53 18:13	06:05 19:45		05:33 20:14	05:27 20:31
26	07:12 17:06	06:36 17:43	05:52 18:14	06:03 19:46		05:32 20:15	05:27 20:31
27	07:11 17:07	06:35 17:45	05:50 18:15	06:02 19:47		05:31 20:16	05:28 20:31
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	06:23 (WTG01) 06:38 (WTG01)	05:31 20:17	05:28 20:31
29	07:09 17:10		05:47 19:17	05:59 19:49	07:21 (WTG01) 07:40 (WTG01)	05:30 20:17	05:28 20:31
30	07:09 17:11		05:45 19:18	05:58 19:50	07:22 (WTG01) 07:42 (WTG01)	05:30 20:18	05:29 20:31
31	07:08 17:12		05:43 19:19		07:24 (WTG01) 07:44 (WTG01)	05:29 20:19	
Ore potenziali eliofania	299	298	370	398		447	450
Totale, caso peggiore			74		146		
Probabilità di eliofania			0,46		0,50		
Tempo di operatività rid.			0,34		0,34		
Dir. del vento rid.			0,03		0,03		
Totale ridotto			0,00		0,00		
Totale effettivo			0		1		

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

Recettore d'ombra: 6R - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (95)

Assunzioni sui calcoli d'ombra

Probabilità di eliofanìa (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	05:29	05:53	06:23	07:39 (WTG01)	06:52	06:59
	20:31	20:12	19:30	07:44 (WTG01)	18:40	16:54
2	05:30	05:54	06:24	07:37 (WTG01)	06:53	06:26
	20:30	20:11	19:28	07:44 (WTG01)	18:39	16:53
3	05:30	05:55	06:25	07:35 (WTG01)	06:54	06:27
	20:30	20:10	19:27	07:44 (WTG01)	18:37	16:52
4	05:31	05:55	06:26	07:33 (WTG01)	06:55	06:29
	20:30	20:09	19:25	07:43 (WTG01)	18:35	16:51
5	05:31	05:56	06:26	07:31 (WTG01)	06:56	06:30
	20:30	20:08	19:23	07:43 (WTG01)	18:34	16:50
6	05:32	05:57	06:27	07:29 (WTG01)	06:57	06:31
	20:30	20:07	19:22	07:42 (WTG01)	18:32	16:49
7	05:33	05:58	06:28	07:27 (WTG01)	06:58	06:32
	20:29	20:05	19:20	07:42 (WTG01)	18:30	16:48
8	05:33	05:59	06:29	07:25 (WTG01)	06:59	06:33
	20:29	20:04	19:19	07:41 (WTG01)	18:29	16:46
9	05:34	06:00	06:30	07:23 (WTG01)	07:00	06:34
	20:29	20:03	19:17	07:40 (WTG01)	18:27	16:45
10	05:34	06:01	06:31	07:20 (WTG01)	07:01	06:36
	20:28	20:02	19:15	07:38 (WTG01)	18:26	16:44
11	05:35	06:02	06:32	07:18 (WTG01)	07:02	06:37
	20:28	20:00	19:14	07:37 (WTG01)	18:24	16:43
12	05:36	06:03	06:33	07:15 (WTG01)	07:03	06:38
	20:28	19:59	19:12	07:35 (WTG01)	18:22	16:43
13	05:37	06:04	06:34	07:13 (WTG01)	07:04	06:39
	20:27	19:58	19:10	07:33 (WTG01)	18:21	16:42
14	05:37	06:05	06:35	07:11 (WTG01)	07:05	06:40
	20:27	19:56	19:09	07:31 (WTG01)	18:19	16:41
15	05:38	06:06	06:36	07:12 (WTG01)	07:06	06:41
	20:26	19:55	19:07	07:28 (WTG01)	18:18	16:40
16	05:39	06:07	06:37	07:16 (WTG01)	07:07	06:43
	20:25	19:54	19:05	07:23 (WTG01)	18:16	16:39
17	05:40	06:08	06:38		07:08	06:44
	20:25	19:52	19:04		18:15	16:38
18	05:40	06:09	06:39		07:09	06:45
	20:24	19:51	19:02		18:13	16:37
19	05:41	06:10	06:40		07:10	06:46
	20:23	19:50	19:00		18:12	16:37
20	05:42	06:11	06:41		07:12	06:47
	20:23	19:48	18:59		18:10	16:36
21	05:43	06:12	06:42		07:13	06:48
	20:22	19:47	18:57		18:09	16:35
22	05:44	06:13	06:43		07:14	06:49
	20:21	19:45	18:55		18:08	16:35
23	05:45	06:14	06:44		07:15	06:51
	20:21	19:44	18:53		18:06	16:34
24	05:45	06:15	06:45		07:16	06:52
	20:20	19:42	18:52		18:05	16:34
25	05:46	06:16	06:46		06:17	06:53
	20:19	19:41	18:50		17:03	16:33
26	05:47	06:17	06:47		06:18	06:54
	20:18	19:39	18:48		17:02	16:33
27	05:48	06:18	06:48		06:19	06:55
	20:17	19:38	18:47		17:01	16:32
28	05:49	06:19	06:49		06:20	06:56
	20:16	19:36	18:45		16:59	16:32
29	05:50	06:20	06:50		06:22	06:57
	20:15	19:35	18:43		16:58	16:31
30	05:51	06:21	06:51		06:23	06:58
	20:14	19:33	18:42		16:57	16:31
31	05:52	06:22	07:41 (WTG01)		06:24	07:19
	20:13	19:31	07:44 (WTG01)		16:56	16:39
Ore potenziali eliofanìa	457	427	375	346	299	290
Totale, caso peggiore			224			
Probabilità di eliofanìa		0,74	0,67			
Tempo di operatività rid.		0,34	0,34			
Dir. del vento rid.		0,03	0,03			
Totale ridotto		0,01	0,01			
Totale effettivo		0	1			

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

Recettore d'ombra: 7A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (68)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:20 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:55 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:41	07:05 17:16	06:28 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:54 20:10	06:24 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:27 20:22	05:31 20:30	05:55 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:30	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:01 17:21	06:22 17:53	06:32 19:26	05:49 19:57	05:26 20:24	05:32 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:47	07:05 16:30
8	07:20 16:46	06:59 17:22	06:21 17:55	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
10	07:19 16:48	06:57 17:24	06:18 17:57	06:27 19:29	05:46 20:00	05:26 20:25	05:34 20:28	06:01 20:02	06:31 19:15	07:01 18:26	06:35 16:44	07:08 16:30
11	07:19 16:49	06:56 17:26	06:16 17:58	06:26 19:30	05:45 20:01	05:26 20:26	05:35 20:28	06:02 20:00	06:32 19:13	07:02 18:24	06:37 16:43	07:08 16:30
12	07:19 16:50	06:55 17:27	06:14 17:59	06:24 19:31	05:44 20:02	05:26 20:26	05:36 20:27	06:03 19:59	06:33 19:12	07:03 18:22	06:38 16:42	07:09 16:30
13	07:19 16:51	06:54 17:28	06:13 18:00	06:23 19:32	05:43 20:03	05:25 20:27	05:36 20:27	06:04 19:58	06:34 19:10	07:04 18:21	06:39 16:42	07:10 16:30
14	07:18 16:52	06:52 17:29	06:11 18:01	06:21 19:33	05:42 20:04	05:25 20:27	05:37 20:26	06:05 19:56	06:35 19:08	07:05 18:19	06:40 16:41	07:11 16:30
15	07:18 16:53	06:51 17:30	06:10 18:02	06:19 19:34	05:41 20:05	05:25 20:28	05:38 20:26	06:06 19:55	06:36 19:07	07:06 18:18	06:41 16:40	07:12 16:30
16	07:17 16:55	06:50 17:32	06:08 18:03	06:18 19:35	05:40 20:06	05:25 20:28	05:39 20:25	06:07 19:54	06:37 19:05	07:07 18:16	06:42 16:39	07:12 16:31
17	07:17 16:56	06:49 17:33	06:06 18:04	06:16 19:36	05:39 20:07	05:25 20:29	05:40 20:25	06:08 19:52	06:38 19:03	07:08 18:15	06:44 16:38	07:13 16:31
18	07:17 16:57	06:47 17:34	06:05 18:05	06:15 19:37	05:38 20:08	05:26 20:29	05:40 20:24	06:09 19:51	06:39 19:02	07:09 18:13	06:45 16:37	07:14 16:31
19	07:16 16:58	06:46 17:35	06:03 18:06	06:13 19:38	05:37 20:09	05:26 20:29	05:41 20:23	06:10 19:49	06:40 19:00	07:10 18:12	06:46 16:37	07:14 16:32
20	07:16 16:59	06:44 17:36	06:01 18:07	06:12 19:39	05:36 20:10	05:26 20:29	05:42 20:23	06:11 19:48	06:41 18:58	07:11 18:10	06:47 16:36	07:15 16:32
21	07:15 17:00	06:43 17:38	06:00 18:08	06:11 19:40	05:36 20:10	05:26 20:30	05:43 20:22	06:12 19:47	06:42 18:57	07:13 18:09	06:48 16:35	07:15 16:32
22	07:14 17:01	06:42 17:39	05:58 18:09	06:09 19:42	05:35 20:11	05:26 20:30	05:44 20:21	06:13 19:45	06:43 18:55	07:14 18:08	06:49 16:35	07:16 16:33
23	07:14 17:03	06:40 17:40	05:56 18:11	06:08 19:43	05:34 20:12	05:26 20:30	05:44 20:20	06:14 19:44	06:44 18:53	07:15 18:06	06:50 16:34	07:16 16:33
24	07:13 17:04	06:39 17:41	05:55 18:12	06:06 19:44	05:33 20:13	05:27 20:30	05:45 20:20	06:15 19:42	06:45 18:52	07:16 18:05	06:52 16:34	07:17 16:34
25	07:12 17:05	06:37 17:42	05:53 18:13	06:05 19:45	05:33 20:14	05:27 20:30	05:46 20:19	06:16 19:41	06:46 18:50	06:17 17:03	06:53 16:33	07:17 16:35
26	07:12 17:06	06:36 17:43	05:52 18:14	06:03 19:46	05:32 20:15	05:27 20:30	05:47 20:18	06:17 19:39	06:47 18:48	06:18 17:02	06:54 16:33	07:18 16:35
27	07:11 17:07	06:34 17:44	05:50 18:15	06:02 19:47	05:31 20:16	05:28 20:31	05:48 20:17	06:18 19:38	06:48 18:47	06:19 17:01	06:55 16:32	07:18 16:36
28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:17	05:28 20:31	05:49 20:16	06:19 19:36	06:49 18:45	06:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10	06:47 19:17	05:59 19:49	05:30 20:17	05:30 20:17	05:28 20:31	05:50 20:15	06:20 19:34	06:50 18:43	06:22 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11	06:45 19:18	05:58 19:50	05:30 20:18	05:30 20:18	05:29 20:31	05:51 20:14	06:21 19:33	06:51 18:42	06:23 16:57	06:58 16:31	07:19 16:38
31	07:08 17:12	06:43 19:19	06:43 19:19	05:29 20:19	05:29 20:19	05:29 20:19	05:52 20:13	06:22 19:31	06:24 16:56	06:24 16:56	07:19 16:39	07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 7D - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (88)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:14	06:31 17:47	06:42 19:20	05:57 19:51	05:29 20:19	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
2	07:19 16:41	07:06 17:15	06:30 17:48	06:40 19:21	05:56 19:52	05:28 20:20	05:30 20:30	05:54 20:11	06:24 19:28	06:53 18:38	06:26 16:53	07:00 16:30
3	07:20 16:42	07:05 17:16	06:28 17:49	06:38 19:22	05:54 19:53	05:28 20:21	05:30 20:30	05:55 20:10	06:25 19:27	06:54 18:37	06:27 16:52	07:01 16:30
4	07:20 16:42	07:04 17:17	06:27 17:50	06:37 19:23	05:53 19:54	05:28 20:22	05:31 20:30	05:56 20:09	06:25 19:25	06:55 18:35	06:28 16:51	07:02 16:30
5	07:20 16:43	07:03 17:18	06:25 17:51	06:35 19:24	05:52 19:55	05:27 20:22	05:31 20:30	05:56 20:08	06:26 19:23	06:56 18:34	06:30 16:50	07:03 16:30
6	07:20 16:44	07:02 17:20	06:24 17:52	06:34 19:25	05:51 19:56	05:27 20:23	05:32 20:29	05:57 20:06	06:27 19:22	06:57 18:32	06:31 16:49	07:04 16:30
7	07:20 16:45	07:00 17:21	06:22 17:53	06:32 19:26	05:50 19:57	05:27 20:24	05:33 20:29	05:58 20:05	06:28 19:20	06:58 18:30	06:32 16:48	07:05 16:30
8	07:19 16:46	06:59 17:22	06:21 17:55	06:30 19:27	05:48 19:58	05:26 20:24	05:33 20:29	05:59 20:04	06:29 19:18	06:59 18:29	06:33 16:46	07:06 16:30
9	07:19 16:47	06:58 17:23	06:19 17:56	06:29 19:28	05:47 19:59	05:26 20:25	05:34 20:29	06:00 20:03	06:30 19:17	07:00 18:27	06:34 16:45	07:07 16:30
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Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 8A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (69)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma

3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:13	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
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Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore												
Probabilità di eliofania												
Tempo di operatività rid.												
Dir. del vento rid.												
Totale ridotto												
Totale effettivo												

Legenda della tabella:

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

SHADOW - Calendario

Recettore d'ombra: 9A - Shadow Receptor: 1,0 × 1,0 Azimuth: 0,0° Slope: 90,0° (70)

Assunzioni sui calcoli d'ombra

Probabilità di eliofania (media ore giornaliere di insolazione) [PALINURO C.]

Gen Feb Mar Apr Mag Giu Lug Ago Set Ott Nov Dic
4,14 4,76 5,47 6,61 8,23 9,68 10,62 10,12 8,36 6,25 5,04 4,06

Tempo di operatività

0 Somma
3.000 3.000

	Gennaio	Febbraio	Marzo	Aprile	Maggio	Giugno	Luglio	Agosto	Settembre	Ottobre	Novembre	Dicembre
1	07:19 16:40	07:07 17:14	06:32 17:47	06:42 19:20	05:57 19:51	05:29 20:20	05:29 20:30	05:53 20:12	06:23 19:30	06:52 18:40	06:25 16:54	06:59 16:31
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28	07:10 17:09	06:33 17:46	05:48 18:16	06:01 19:48	05:31 20:17	05:28 20:31	05:49 20:16	06:19 19:36	06:49 18:45	07:20 16:59	06:56 16:32	07:18 16:37
29	07:09 17:10		06:47 19:17	05:59 19:49	05:30 20:17	05:28 20:31	05:50 20:15	06:20 19:35	06:50 18:43	07:21 16:58	06:57 16:31	07:19 16:37
30	07:08 17:11		06:45 19:18	05:58 19:50	05:30 20:18	05:29 20:31	05:51 20:14	06:21 19:33	06:51 18:42	07:22 16:57	06:58 16:31	07:19 16:38
31	07:08 17:12		06:43 19:19		05:29 20:19		05:52 20:13	06:22 19:31	06:24 16:56			07:19 16:39
Ore potenziali eliofania	299	298	370	398	447	450	457	427	375	346	299	290
Totale, caso peggiore		185								189		
Probabilità di eliofania		0,45								0,56		
Tempo di operatività rid.		0,34								0,40		
Dir. del vento rid.		0,40								0,40		
Totale ridotto		0,06								0,08		
Totale effettivo		11								14		

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)