

Daily irradiance data

PVGIS-5 geo-temporal irradiation database

Provided inputs

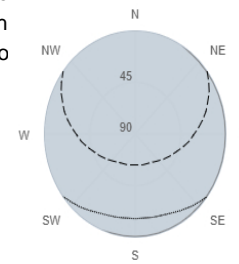
Latitude/Longitude:

Horizon:

Database used

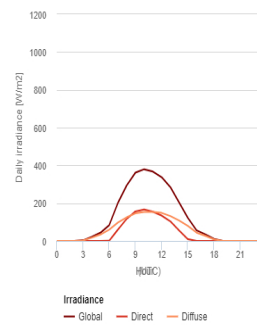
Month:

Outline of horizon at chosen location:



■ Horizon height
-- Sun height, June
— Sun height, December

Daily average irradiance on fixed plane with slope 90° and azimuth 0°



Irradiance on a fixed plane

Time	00:45	01:45	02:45	03:45	04:45	05:45	06:45	07:45	08:45	09:45	10:45	11:45	12:45	13:45	14:45	15:45	16:45	17:45	18:45	19:45	20:45	21:45	22:45	23:45
G(i)	0	0	0	3	22	43	83	201	293	361	380	367	338	285	204	122	56	35	11	0	0	0	0	0
Gb(i)	0	0	0	0	0	0	1	60	116	156	166	155	135	104	55	10	0	0	0	0	0	0	0	0
Gd(i)	0	0	0	2	17	34	60	98	125	146	153	154	148	132	108	80	44	27	8	0	0	0	0	0

G(i): Global irradiance on a fixed plane [W/m²].
Gb(i): Direct irradiance on a fixed plane [W/m²].
Gd(i): Diffuse irradiance on a fixed plane [W/m²].