

Incident global irradiation for the chosen location

Location: 39°12'37" North, 7°39'36" West, Elevation: 336 m a.s.l.,

Optimal inclination angle is: 35 degrees

Annual irradiation deficit due to shadowing (horizontal): 0.0 %

Month	Hh	Hopt	H(90)	DNI	lopt	TL	D/G	TD	T24h	NDD
Jan	2180	3670	3690	3360	63	2.4	0.44	9.8	7.8	220
Feb	3240	4860	4350	4550	56	2.6	0.37	11.1	8.9	162
Mar	4730	5900	4310	5180	42	2.7	0.41	13.6	11.6	86
Apr	5600	6000	3330	5720	26	3.0	0.36	15.5	13.4	69
May	6720	6440	2720	6710	14	3.4	0.33	19.0	16.8	8
Jun	7750	7000	2390	8470	5	3.3	0.25	23.7	21.4	0
Jul	8090	7470	2590	9690	9	3.2	0.19	25.9	23.5	0
Aug	7090	7300	3420	8630	21	3.0	0.22	26.7	24.0	0
Sep	5470	6600	4330	6900	37	3.2	0.27	23.8	21.2	5
Oct	3810	5370	4480	5040	51	2.7	0.36	18.8	16.5	45
Nov	2540	4180	4090	3910	61	2.3	0.41	13.2	11.0	184
Dec	1940	3440	3580	3210	65	2.2	0.45	10.7	8.7	215
Year	4940	5690	3600	5960	35	2.8	0.30	17.7	15.4	994

Hh: Irradiation on horizontal plane (Wh/m2/day)

Hopt: Irradiation on optimally inclined plane (Wh/m2/day)

H(90): Irradiation on plane at angle: 90deg. (Wh/m2/day)

DNI: Direct normal irradiation (Wh/m2/day)

lopt: Optimal inclination (deg.)

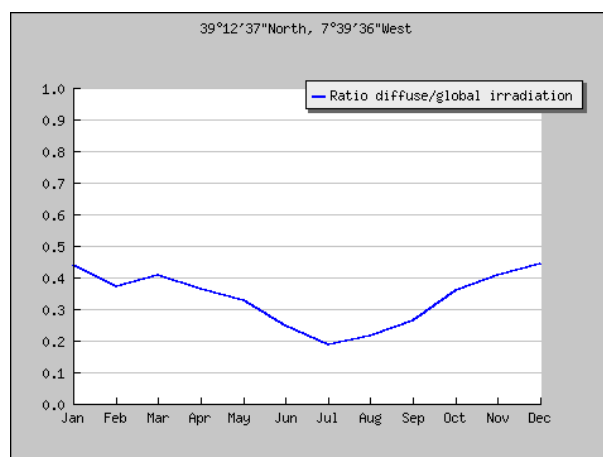
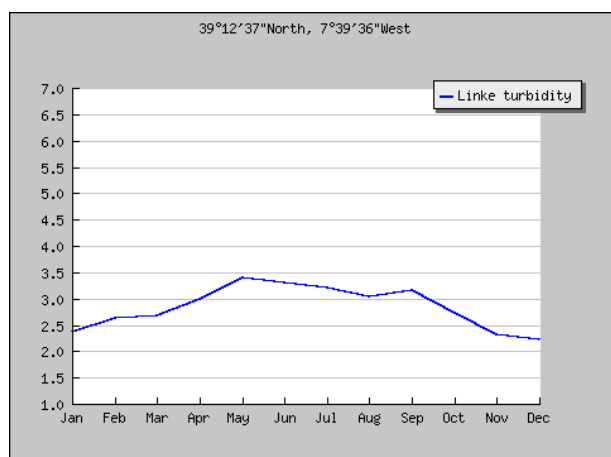
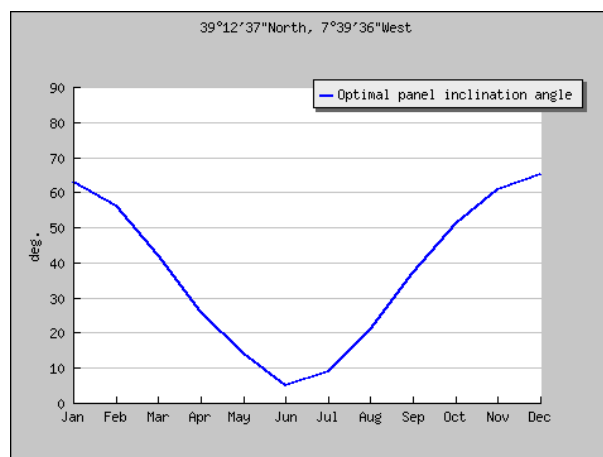
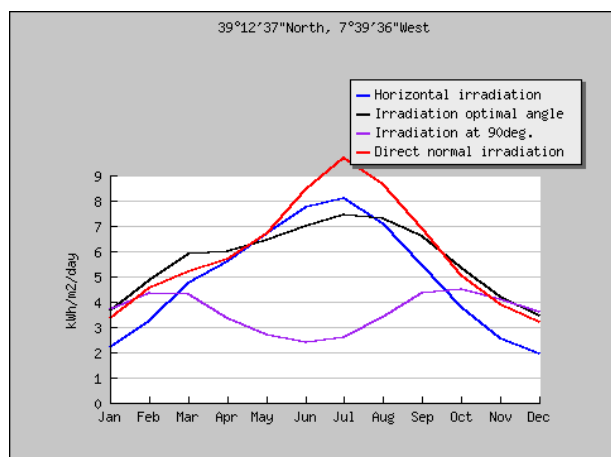
TL: Linke turbidity (-)

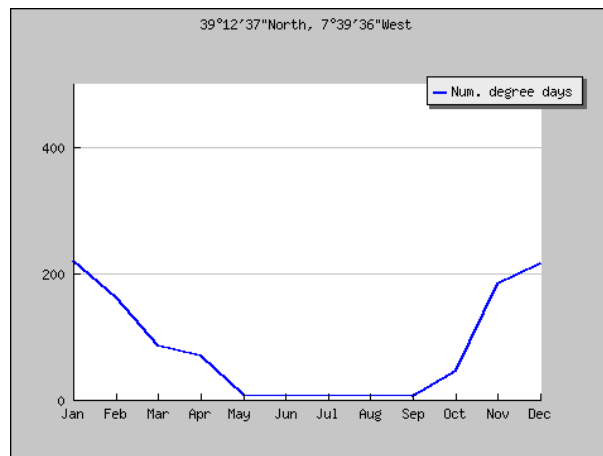
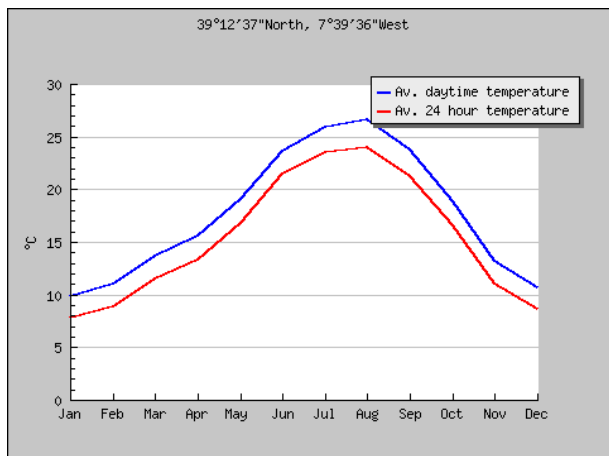
D/G: Ratio of diffuse to global irradiation (-)

TD: Average daytime temperature (°C)

T24h: 24 hour average of temperature (°C)

NDD: Number of heating degree-days (-)





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