

Incident global irradiation for the chosen location

Location: 26°12'1" South, 28°1'58" East, Elevation: 1725 m a.s.l.,

Optimal inclination angle is: 30 degrees

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

Month	Hh	Hopt	H(90)	lopt	TL	D/G
Jan	7420	6440	1380	-5	2.8	0.26
Feb	6720	6390	2140	8	2.6	0.27
Mar	6130	6640	3400	26	2.7	0.25
Apr	5360	6750	4790	42	2.9	0.20
May	4820	7030	6100	53	2.6	0.12
Jun	4540	7150	6750	57	2.6	0.07
Jul	4620	7010	6370	55	2.8	0.10
Aug	5480	7400	5730	47	2.5	0.11
Sep	6230	7190	4170	32	3.7	0.17
Oct	6920	6910	2640	15	3.0	0.21
Nov	7260	6480	1580	-1	3.0	0.25
Dec	7550	6360	1180	-9	2.7	0.25
Year	6090	6810	3860	30	2.8	0.20

Hh: Irradiation on horizontal plane (Wh/m2)

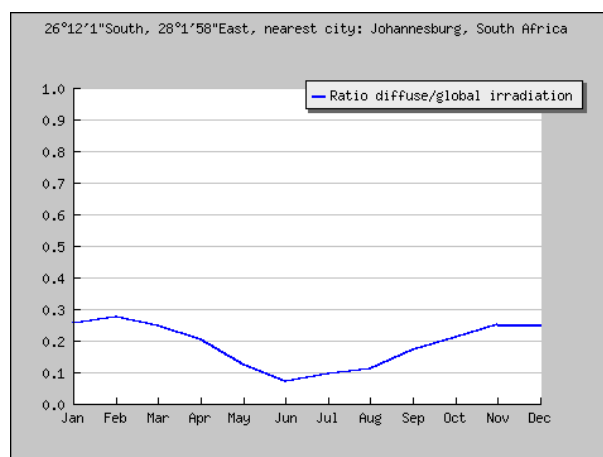
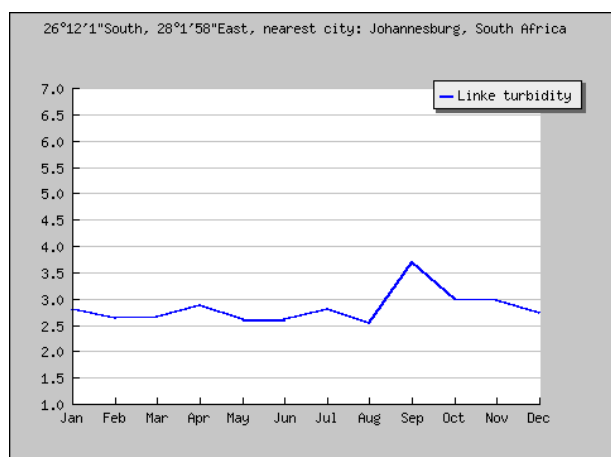
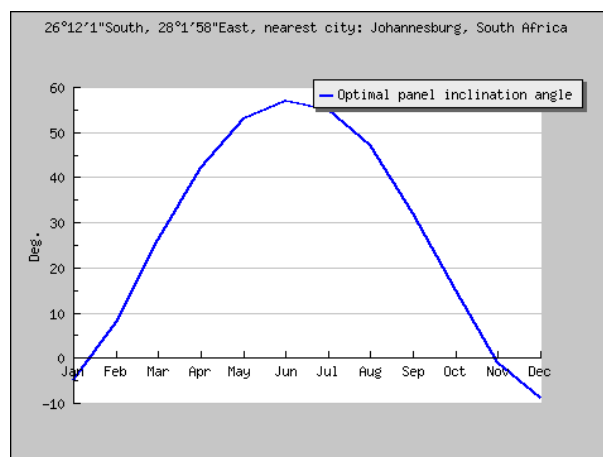
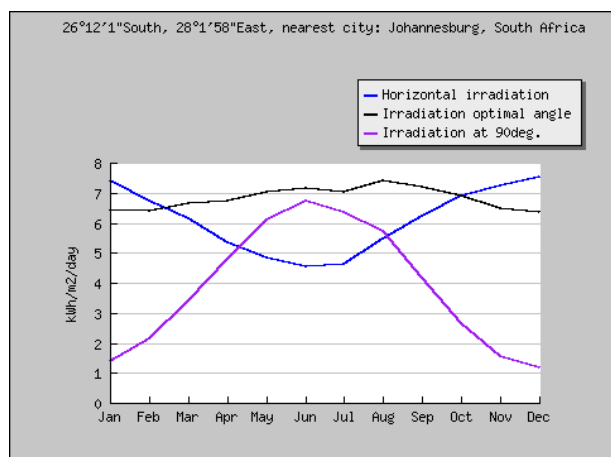
Hopt: Irradiation on optimally inclined plane (Wh/m2)

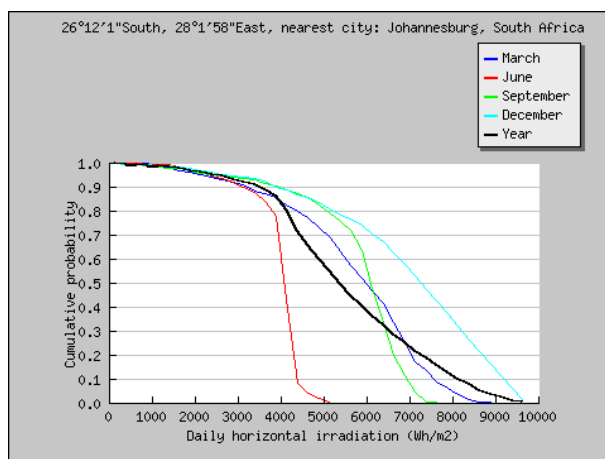
H(90): Irradiation on plane at angle: 90deg. (Wh/m2)

lopt: Optimal inclination (deg.)

TL: Linke turbidity (-)

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





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