

Definition of a geographical site

Geographical Site**Lephalale****Country South Africa**

File Lephalale.SIT of 18/10/12 14h05

Situation

Time defined as

Latitude 23.7°S

Legal Time Time zone UT+2

Longitude 27.7°E

Altitude 821 m

Monthly Meteo Values

Source Meteonorm, hourly values

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year	
Hor. global	203.4	182.2	180.0	153.4	144.1	129.0	145.1	166.2	184.8	200.2	201.9	213.8	2103.9	kWh/m ² .mth
Hor. diffuse	89.4	62.6	64.6	45.2	35.1	25.8	24.4	35.0	45.4	66.0	85.3	83.8	662.6	kWh/m ² .mth
Extraterrestrial	364.3	309.1	306.5	248.5	213.2	184.9	198.6	233.8	273.5	326.2	344.8	368.6	3371.9	kWh/m ² .mth
Clearness Index	0.558	0.589	0.587	0.617	0.676	0.698	0.730	0.711	0.676	0.614	0.586	0.580	0.624	
Amb. temper.	24.4	24.0	22.7	19.7	16.3	13.6	13.4	16.7	19.6	22.8	23.3	24.1	20.1	°C
Wind velocity	3.2	3.1	2.8	2.6	2.5	2.5	2.7	3.1	3.7	4.0	3.7	3.4	3.1	m/s

Solar paths at Lephalale, (Lat. 23.7°S, long. 27.7°E, alt. 821 m)

