

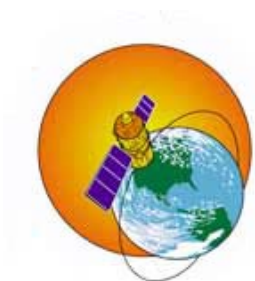
[SSE  
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\(Units & Definition\)](#)

## NASA Surface meteorology and Solar Energy: [RETScreen](#) Data



Latitude **-26.2** / Longitude **28.033** was chosen.

			Unit	Climate data location				
Latitude			°N	-26.2				
Longitude			°E	28.033				
Elevation			m	1573				
Heating design temperature			°C	4.30				
Cooling design temperature			°C	28.09				
Earth temperature amplitude			°C	16.44				
Frost days at site			day	0				
Month	Air temperature	Relative humidity	Daily solar radiation	Atmospheric pressure	Wind speed	Earth temperature	Heating degree-days	Cooling degree-days
			-					
			horizontal					
	°C	%	kWh/m <sup>2</sup> /d	kPa	m/s	°C	°C-d	°C-d
January	21.2	59.8%	6.62	85.3	2.8	24.0	2	348
February	21.0	58.6%	6.16	85.3	2.6	23.8	1	313
March	19.9	57.4%	5.56	85.5	2.6	22.4	6	310
April	17.7	51.5%	4.88	85.6	2.8	20.3	30	231
May	14.3	47.6%	4.44	85.8	3.1	16.2	110	140
June	10.5	48.8%	4.05	85.9	3.4	11.8	216	38
July	10.4	46.9%	4.39	85.9	3.5	11.9	229	38
August	13.6	42.6%	5.09	85.8	3.8	16.1	134	118
September	17.6	41.3%	5.95	85.6	4.0	21.1	47	222
October	19.1	51.3%	6.08	85.5	3.7	22.9	25	277
November	19.8	56.9%	6.48	85.4	3.2	23.2	14	291
December	20.3	61.5%	6.70	85.3	2.9	23.1	4	322
Annual	17.1	52.0%	5.53	85.6	3.2	19.7	818	2648
Measured at (m)					10.0	0.0		



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