

Annexure 2

Auroville Climatic Data

Auroville : (10 kms. north of Pondicherry)
 Climatic zone : warm and humid
 Latitude : 11°55' N
 Longitude : 70°52' E
 Altitude : 50m above MSL
 Annual mean maximum temperature : 34:43°C
 Annual mean minimum temperature : 22:62°C
 Annual mean temperature : 27:20°C
 Annual global solar radiation : 439 cal/sq.cm.

Temperature (°C)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Monthly maximum	29.0	31.8	33.0	36.8	38.3	38.9	37.1	37.9	35.0	33.2	32.2	29.9	38.9
Monthly daily mean	24.0	24.5	26.7	29.3	29.8	30.3	28.9	29.1	27.7	27.1	25.4	24.0	27.2
Monthly minimum	18.8	17.2	20.2	24.0	23.1	22.1	23.4	23.1	23.0	20.7	20.0	18.6	17.2

Relative Humidity (%)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Monthly maximum	95	94	98	95	97	94	98	98	98	96	98	96	98
Monthly daily mean	76	75	78	75	73	64	73	70	79	79	74	74	74
Monthly minimum	43	26	35	38	26	26	35	28	41	20	14	35	26

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Auroville Climatic Data (contd.)

Rainfall (mm.)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average	39.48	14.39	21.84	21.90	45.28	43.54	68.45	115.50	143.80	270.50	363.00	148.50	1296.22

Wind speed (km./hr.)

Average speed for 24 hours (mean monthly value)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	9.5	8.8	10.4	13.6	13.9	14.8	11.9	12.4	10.5	8.5	9.4	13.3

Wind direction

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
At 08:30 hours	N	NW	SW	SW	SW	W	SW	W	W	W	NW	N
At 17:30 hours	NE/E	E	SE	SE	SE	S	SE	S	S	SE	E	NE

No. of days when

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Sunshine exceeds 9 hours	27	24	29	25	23	15	14	15	07	12	16	16	223
Sunshine exceeds 6 hours	30	26	31	30	26	22	21	22	16	18	25	26	295
Sunshine exceeds 3 hours	31	28	31	30	30	29	28	27	19	24	27	28	332

Solar radiation (cal/sq.cm.)

Average daily intensity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
	455	475	540	530	493	455	419	417	388	367	363	367	439