

CREAL REEF, Australia

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
20.530S	150.377E	6	101.25	18.2	28.9	14.6	SE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	2	1	1	1	1	1	1	1	1	1	1

Prevailing Wind #1

DIR	ESE	ESE	ESE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE
%OCC	25	25	30	34	31	25	28	23	21	21	23	23
AVG m/s	8.6	8.8	9.1	9.7	8.9	8.5	8.3	8.0	7.6	8.0	8.1	8.3
MED m/s	8.5	8.7	9.1	9.9	9.1	8.4	8.3	8.0	7.7	7.9	8.3	8.3

Prevailing Wind #2

DIR	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	SE	SE	E	SE
%OCC	20	21	27	30	23	22	21	19	18	17	18	18
AVG m/s	9.1	9.4	10.0	9.3	9.0	8.9	8.5	7.4	8.2	8.6	6.9	9.1
MED m/s	9.2	9.7	9.9	9.6	9.4	9.1	8.5	7.3	8.4	8.5	6.9	9.0

Prevailing Wind #3

DIR	E	E	E	SSE	SSE	SSE	SSE	SSE	E	E	SE	E
%OCC	15	14	13	10	16	19	20	15	12	14	14	14
AVG m/s	7.5	7.4	7.3	8.7	7.9	8.0	7.9	7.6	6.2	6.5	8.6	6.7
MED m/s	7.3	7.4	7.1	8.7	8.0	8.0	7.9	7.8	6.1	6.4	8.8	6.5

Prevailing Wind #4

DIR	N	ENE	SSE	E	E	S	S	E	N	N	ENE	N
%OCC	8	8	9	9	7	11	8	11	8	11	10	10
AVG m/s	6.5	6.3	9.4	7.7	7.0	7.7	7.7	6.0	5.4	5.7	5.9	5.7
MED m/s	6.2	6.0	9.2	7.5	6.8	7.9	7.9	5.7	5.3	5.6	5.8	5.7