

COOLANGATTA, 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
28.168S	153.505E	5	101.27	6.0	29.7	9.8	N

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	1	2	2	4	4	4	4	3	2	2	2

Prevailing Wind #1

DIR	N	SSW	SSW	SSW	SSW	SSW	SSW	SSW	N	N	N	N
%OCC	12	18	18	27	25	27	22	16	13	15	18	16
AVG m/s	6.1	4.1	4.0	4.2	4.0	4.3	4.2	3.9	6.6	6.7	6.5	6.2
MED m/s	6.1	4.0	3.8	4.2	4.0	4.3	4.2	3.9	6.7	6.7	6.5	6.1

Prevailing Wind #2

DIR	SSW	S	S	S	SW	SW	SW	SW	SSW	SSW	NNE	SSW
%OCC	11	15	15	16	15	14	15	13	12	10	10	10
AVG m/s	3.9	4.7	4.4	4.4	2.8	3.0	2.8	2.7	3.9	3.9	5.8	4.0
MED m/s	3.7	4.4	4.0	4.3	2.5	2.7	2.5	2.3	3.9	3.7	5.7	4.0

Prevailing Wind #3

DIR	S	SSE	SSE	SW	S	S	S	S	NNW	S	SSW	S
%OCC	11	9	9	12	14	14	11	10	9	9	10	10
AVG m/s	4.7	6.1	5.7	2.9	4.0	4.1	4.2	4.1	5.1	4.8	4.1	4.9
MED m/s	4.4	6.3	5.7	2.6	3.9	3.9	3.9	3.9	5.0	4.4	3.9	4.6

Prevailing Wind #4

DIR	SSE	SE	SE	SSE	WSW	WSW	WSW	WSW	S	NNW	S	NNE
%OCC	9	8	8	9	9	9	11	9	9	9	9	9
AVG m/s	5.8	6.2	6.1	5.2	2.5	2.4	2.5	2.6	4.4	5.1	4.8	5.7
MED m/s	5.9	6.3	6.2	5.2	2.5	2.5	2.4	2.5	4.2	5.0	4.5	5.7