

NEWCASTLE NOBBYS HEAD, 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
32.919S	151.798E	33	100.93	7.6	31.0	15.8	S

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	ENE	ENE	ENE	NW	NW	WNW	NW	NW	NW	ENE	ENE	ENE
%OCC	16	12	9	11	20	22	25	22	15	10	11	15
AVG m/s	6.8	6.7	6.3	4.8	5.6	6.3	6.3	6.1	6.5	6.8	7.1	6.9
MED m/s	6.4	6.4	6.2	4.3	4.9	5.5	5.6	5.4	5.8	6.8	7.0	6.6

Prevailing Wind #2

DIR	E	E	NE	WNW	WNW	NW	WNW	WNW	WNW	NW	S	E
%OCC	12	12	9	10	19	22	24	19	13	10	10	11
AVG m/s	6.5	6.6	5.2	5.0	5.8	6.2	6.4	6.4	6.6	6.3	8.4	6.5
MED m/s	6.4	6.4	4.7	4.2	5.0	5.3	5.7	5.8	5.7	5.6	8.0	6.4

Prevailing Wind #3

DIR	NE	SSE	SE	SSE	W	SW	W	W	W	NE	E	NE
%OCC	11	10	9	9	7	9	9	8	6	8	9	11
AVG m/s	6.0	7.6	7.8	8.0	5.3	6.0	6.4	6.3	6.4	5.5	6.6	5.7
MED m/s	5.2	7.4	7.3	7.6	4.7	5.5	5.5	5.6	5.7	4.9	6.4	5.1

Prevailing Wind #4

DIR	S	SE	SSE	S	NNW	W	NNW	NNW	NNW	S	NE	S
%OCC	10	10	9	8	6	8	6	6	6	8	9	10
AVG m/s	7.6	7.0	8.3	7.7	4.1	5.4	4.2	4.3	4.7	8.8	5.9	7.9
MED m/s	7.1	6.5	8.0	7.3	3.8	4.6	4.0	4.0	4.3	8.6	5.2	7.7