

NEWCASTLE WILLIAMTOWN, 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
32.7933S	151.8358E	8	101.23	3.9	35.2	11.8	WNW

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	7	8	10	12	10	9	9	9	9	9	8	7

Prevailing Wind #1

DIR	ENE	ENE	NE	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NE	NE
%OCC	12	11	9	15	26	30	32	27	19	11	11	12
AVG m/s	5.1	4.8	3.7	4.3	5.3	5.8	6.1	6.3	6.2	5.6	4.4	4.4
MED m/s	4.9	4.4	3.7	3.8	4.8	5.3	5.7	5.9	5.4	4.9	4.3	4.4

Prevailing Wind #2

DIR	NE	NE	ENE	NW	NW	NW	NW	NW	NW	NW	ENE	ENE
%OCC	12	11	9	12	17	17	18	16	13	9	9	11
AVG m/s	4.5	4.2	4.2	3.4	3.9	4.1	4.3	4.4	4.6	4.3	4.9	5.1
MED m/s	4.4	4.1	4.0	3.1	3.5	3.6	3.8	3.8	3.8	3.6	4.8	4.9

Prevailing Wind #3

DIR	SE	ESE	SE	SSE	W	W	W	W	NE	NE	SE	S
%OCC	9	9	8	7	7	8	8	7	6	9	8	9
AVG m/s	5.4	5.5	5.8	5.7	4.3	4.7	5.0	5.2	3.7	4.0	5.5	6.4
MED m/s	5.6	5.6	5.7	5.6	4.0	4.3	4.6	4.9	3.7	3.9	5.6	6.4

Prevailing Wind #4

DIR	ESE	SE	SSE	W	WSW	WSW	NNW	NNW	W	ENE	SSE	SSE
%OCC	8	9	7	6	5	6	5	5	6	7	7	7
AVG m/s	5.4	5.6	6.3	3.8	3.8	4.1	2.8	3.0	4.9	4.5	6.1	5.9
MED m/s	5.5	5.7	6.3	3.5	3.6	3.9	2.8	2.8	4.4	4.3	6.1	6.1