

NEWCASTLE WILLIAMTOWN, Australia

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
32.7933S	151.8358E	26	14.68	39.0	95.4	26.3	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 mph	11.3	10.7	8.2	9.7	11.9	13.1	13.5	14.0	13.8	12.4	9.8	9.9
MED mph	11.0	9.9	8.3	8.4	10.8	11.9	12.8	13.2	12.2	10.9	9.7	9.8

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 mph	10.0	9.3	9.4	7.6	8.7	9.3	9.5	9.9	10.2	9.6	10.9	11.3
MED mph	9.8	9.2	8.8	7.0	7.8	8.2	8.4	8.4	8.4	8.1	10.7	11.0

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 mph	12.1	12.3	12.9	12.7	9.5	10.5	11.3	11.6	8.2	8.9	12.3	14.3
MED mph	12.4	12.4	12.8	12.4	8.9	9.6	10.3	10.9	8.3	8.8	12.5	14.4

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 mph	12.1	12.6	14.1	8.4	8.5	9.1	6.3	6.7	11.0	10.0	13.6	13.3
MED mph	12.4	12.8	14.2	7.9	8.0	8.8	6.4	6.4	9.9	9.5	13.7	13.6