

GRAFTON RESEARCH STATION, Australia

Annual Climatic Design Data (2003–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
29.6225S	152.9606E	26	101.02	5.1	34.6	8.7	SE

Monthly Winds (2003–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	15	13	15	11	10	9	10	8	11	15	14	14

Prevailing Wind #1

DIR	ENE	ESE	WSW	W	WNW	WNW	WNW	WNW	WNW	ENE	ENE	ENE
%OCC	11	9	8	12	19	19	20	20	13	9	11	10
AVG m/s	3.7	4.6	2.6	2.6	2.8	3.0	3.1	3.1	3.0	3.9	4.0	3.9
MED m/s	3.8	4.7	2.5	2.6	2.7	2.9	2.9	2.8	2.6	4.0	4.1	4.1

Prevailing Wind #2

DIR	ESE	SE	W	WSW	W	W	W	W	W	WNW	E	ESE
%OCC	8	9	8	11	16	18	18	16	11	8	8	7
AVG m/s	4.3	5.0	2.5	2.7	2.9	3.3	3.3	3.4	3.3	2.8	3.9	4.6
MED m/s	4.3	5.0	2.3	2.7	2.6	2.9	2.9	3.0	2.8	2.3	3.9	4.7

Prevailing Wind #3

DIR	E	SSE	WNW	WNW	WSW	WSW	WSW	WSW	WSW	ESE	ESE	SE
%OCC	8	8	7	11	10	10	9	9	7	7	8	7
AVG m/s	3.6	4.9	2.3	2.5	2.9	3.0	3.0	3.2	3.4	4.6	4.4	4.9
MED m/s	3.6	4.7	2.2	2.4	2.7	2.8	2.8	2.9	2.9	4.5	4.4	4.9

Prevailing Wind #4

DIR	SE	ENE	ESE	SW	NW	NW	NW	NW	NW	SE	SE	E
%OCC	7	7	7	7	7	7	8	8	7	6	7	7
AVG m/s	5.0	3.6	4.6	2.8	2.7	2.9	3.0	2.9	3.0	4.9	4.8	3.8
MED m/s	4.8	3.7	4.8	2.8	2.6	2.9	2.9	2.7	2.6	4.7	4.6	3.9