

FREDERICK REEF, 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
20.936S	154.401E	42	14.67	67.1	84.3	35.1	SE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	9	7	7	2	3	2	2	4	11	10	9	11

Prevailing Wind #1

DIR	ESE	ESE	SE	SE	SE	ESE	SE	SE	ESE	ESE	ESE	ESE
%OCC	23	22	27	36	27	23	26	23	21	27	29	24
AVG mph	20.7	20.3	24.1	23.3	21.8	22.4	21.1	19.8	19.6	20.0	19.4	18.9
MED mph	21.1	21.2	23.8	23.3	22.5	22.7	21.0	20.0	19.7	20.5	19.9	19.7

Prevailing Wind #2

DIR	SE	SE	ESE	ESE	ESE	SE	ESE	ESE	SE	SE	SE	SE
%OCC	21	22	26	25	24	21	23	19	19	18	19	18
AVG mph	21.1	21.9	21.9	22.7	22.1	21.3	20.9	18.8	20.7	21.1	21.4	20.5
MED mph	21.3	22.5	22.1	22.7	22.5	21.3	20.9	18.8	21.0	21.8	22.2	21.3

Prevailing Wind #3

DIR	E	E	E	SSE	SSE	SSE	SSE	SSE	E	E	E	E
%OCC	13	11	11	15	14	14	14	12	12	12	16	14
AVG mph	17.8	18.5	19.5	20.9	18.5	17.7	18.9	17.8	15.7	16.2	16.3	15.8
MED mph	18.1	19.1	20.1	21.0	18.3	16.9	19.1	17.5	16.1	16.4	17.2	16.8

Prevailing Wind #4

DIR	SSE	SSE	SSE	E	E	E	E	E	SSE	ENE	ENE	ENE
%OCC	8	11	9	7	8	10	11	11	7	6	6	7
AVG mph	18.0	19.1	20.9	20.7	17.9	21.2	18.9	16.1	18.3	12.9	13.4	13.7
MED mph	18.6	19.1	19.9	19.3	18.0	21.3	18.6	16.2	18.5	13.1	13.8	14.2