

RAOUL ISLAND, New Zealand

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
29.245S	177.929W	162	14.61	52.3	80.6	20.3	ESE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	0	1	0	0	0	0	0	1	1	1	1

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	ESE	ESE	W	ESE	ESE	ESE	ESE	ESE
%OCC	35	37	34	26	20	14	12	12	15	17	18	26
AVG mph	11.3	11.1	11.3	11.5	11.1	10.8	9.8	10.2	10.0	10.3	10.5	10.4
MED mph	10.9	10.9	11.2	11.2	10.8	10.4	9.2	9.7	9.6	9.8	10.2	9.9

Prevailing Wind #2

DIR	SE	SE	SE	SE	SE	SE	ESE	W	W	SE	SE	SE
%OCC	15	18	16	16	13	11	11	10	10	10	11	12
AVG mph	7.6	7.8	8.0	7.5	7.3	6.8	9.9	9.2	9.1	6.6	6.9	6.6
MED mph	7.0	7.2	7.2	6.9	6.7	6.4	9.5	8.3	8.5	6.1	6.2	5.9

Prevailing Wind #3

DIR	E	E	E	SSE	SSE	SSE	SE	SE	SE	SSE	SSE	E
%OCC	11	9	8	9	10	9	11	10	9	9	9	11
AVG mph	9.3	9.3	9.4	6.3	6.3	6.4	7.1	6.9	6.6	6.1	6.4	8.6
MED mph	8.5	8.8	8.9	5.8	5.7	5.6	6.6	6.5	6.1	5.5	5.7	7.8

Prevailing Wind #4

DIR	SSE	SSE	SSE	E	W	W	SSE	SSE	SSE	W	E	SSE
%OCC	7	8	8	8	8	9	9	9	9	8	7	8
AVG mph	7.0	6.1	6.6	9.7	8.5	9.1	6.6	6.1	6.5	8.3	8.0	5.8
MED mph	5.8	5.4	6.2	8.9	8.0	8.7	6.1	5.5	5.6	7.5	7.4	5.1