

WAIOURU, 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
39.446S	175.658E	2687	13.32	25.0	72.3	24.1	NNE

Monthly Winds (1994–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	18	18	19	22	21	20	20	19	15	14	13	14

Prevailing Wind #1

DIR	W	W	W	W	W	W	W	W	W	W	W	W
%OCC	13	12	12	12	14	14	13	14	16	19	18	15
AVG mph	9.7	8.8	8.3	8.2	9.3	9.1	9.1	9.2	9.8	10.6	10.2	9.7
MED mph	9.2	8.1	7.8	7.7	8.5	8.4	8.5	8.7	9.2	10.1	9.8	9.4

Prevailing Wind #2

DIR	WSW	WSW	WSW	NNE	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WSW
%OCC	12	10	9	9	11	11	10	12	13	13	13	11
AVG mph	9.2	8.1	7.9	9.6	10.5	9.8	9.6	10.2	11.2	11.6	11.9	9.2
MED mph	8.7	7.7	7.5	7.7	10.1	9.4	9.1	10.0	10.7	11.4	11.5	8.7

Prevailing Wind #3

DIR	E	E	E	E	NNE	NNE	NNE	NNE	WSW	WSW	WSW	WNW
%OCC	7	9	8	8	9	8	9	9	8	12	12	11
AVG mph	6.6	6.7	6.5	6.0	9.2	11.4	11.2	11.0	8.9	9.5	9.7	11.0
MED mph	6.1	6.0	5.5	5.2	7.5	9.1	8.6	9.0	8.0	8.8	9.2	10.7

Prevailing Wind #4

DIR	WNW	ENE	NNE	WNW	NE	NE	NE	NE	NNE	NNE	E	NNE
%OCC	7	7	8	8	7	7	7	7	7	7	6	8
AVG mph	10.7	7.7	9.7	9.7	8.0	8.6	9.1	8.7	10.6	10.1	6.9	10.7
MED mph	10.5	7.0	7.9	9.3	6.9	7.2	7.7	7.8	8.7	8.6	6.0	8.7