

WESTPORT, New Zealand

Annual Climatic Design Data (1995–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
41.7406S	171.5797E	5	101.27	1.9	22.3	12.3	WSW

Monthly Winds (1995–2019)

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

Prevailing Wind #1

DIR	SW	SW	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SW	SW	WSW
%OCC	15	14	15	22	25	31	30	22	14	15	15	14
AVG m/s	5.3	5.3	2.6	2.9	3.1	3.3	3.3	3.0	2.8	5.4	5.4	5.7
MED m/s	4.8	4.8	2.5	2.8	3.0	3.2	3.3	3.0	2.7	4.8	5.0	5.5

Prevailing Wind #2

DIR	WSW	WSW	SW	SW	S	S	S	S	SW	WSW	WSW	SW
%OCC	15	12	14	11	10	12	12	9	10	13	15	13
AVG m/s	5.7	5.4	4.8	4.5	2.6	2.8	2.9	2.6	5.1	6.2	6.1	5.2
MED m/s	5.2	5.0	4.4	4.0	2.5	2.7	2.9	2.6	4.5	5.8	6.0	4.6

Prevailing Wind #3

DIR	SSE	SSE	WSW	S	SW	SE	SE	SW	WSW	SSE	W	NNE
%OCC	7	10	9	9	9	8	10	9	9	9	9	9
AVG m/s	2.5	2.5	5.0	2.6	4.4	3.5	4.0	4.3	5.8	2.8	5.8	5.8
MED m/s	2.3	2.5	4.8	2.5	3.9	2.9	3.2	3.8	5.4	2.6	5.5	5.3

Prevailing Wind #4

DIR	W	SSW	SSW	SE	SE	SW	SW	SE	NE	NNE	SSE	W
%OCC	7	8	8	7	8	7	7	8	8	7	8	8
AVG m/s	4.9	2.7	2.7	3.5	3.3	4.9	4.0	3.3	5.6	6.1	2.6	5.0
MED m/s	4.9	2.5	2.6	2.7	2.7	4.2	3.3	2.7	5.2	5.4	2.4	5.0