

LAURENTIAN FAN BUOY 44141, Canada

Annual Climatic Design Data (1994–2015)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
43.000N	58.000W	3	101.29	-3.6	24.6	17.5	WNW

Monthly Winds (1994–2015)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	0	0	1	1	4	8	1	1	0	0	0	0

Prevailing Wind #1

DIR	WNW	WNW	NW	WNW	SSW	SSW	SW	SSW	W	NW	WNW	WNW
%OCC	17	18	14	11	8	11	14	11	10	12	13	17
AVG m/s	9.2	8.9	7.9	6.8	5.5	5.5	5.9	5.2	6.6	7.5	8.1	9.5
MED m/s	8.6	8.6	7.2	6.3	5.3	5.2	5.5	4.5	6.5	7.2	7.5	8.9

Prevailing Wind #2

DIR	NW	W	WNW	NW	WNW	S	SSW	SW	NW	WNW	NW	NW
%OCC	14	14	13	10	8	9	14	10	9	12	11	14
AVG m/s	7.8	9.9	8.3	6.7	5.6	5.5	5.7	5.1	6.2	8.2	8.4	8.8
MED m/s	6.9	10.1	8.1	6.2	5.1	5.2	5.5	4.7	5.4	7.9	7.8	8.1

Prevailing Wind #3

DIR	W	NW	W	W	WSW	SW	WSW	WSW	WSW	NNW	W	W
%OCC	13	11	9	8	7	8	12	10	8	10	8	10
AVG m/s	10.4	7.8	8.1	6.8	6.3	5.5	5.4	5.6	6.3	7.1	8.8	9.5
MED m/s	10.4	7.0	7.6	6.4	6.1	5.2	5.0	5.4	6.0	6.7	8.2	8.6

Prevailing Wind #4

DIR	WSW	NNW	NNW	NNW	NW	WSW	S	S	SSW	W	SSW	NNW
%OCC	6	7	9	7	7	7	11	9	8	9	7	8
AVG m/s	8.7	7.1	7.2	6.3	5.8	5.8	5.4	5.6	5.9	8.4	7.7	7.5
MED m/s	8.2	6.0	6.7	5.7	5.6	5.3	5.1	4.9	5.9	8.2	7.1	6.5