

EAST SCOTIA SLOPE BUOY 44137, Canada

Annual Climatic Design Data (1994–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
42.260N	62.000W	3	101.29	-3.2	25.4	17.9	W

Monthly Winds (1994–2018)

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

Prevailing Wind #1

DIR	WNW	WNW	WNW	W	SSW	SW	SSW	SW	WNW	WNW	WNW	WNW
%OCC	16	16	13	11	8	11	16	12	10	13	14	14
AVG m/s	9.6	9.5	8.9	7.7	6.0	5.6	5.6	5.1	6.0	8.2	9.0	9.9
MED m/s	9.7	9.5	8.7	7.5	5.7	5.3	5.6	4.7	5.7	7.8	8.9	9.4

Prevailing Wind #2

DIR	NW	NW	NW	WNW	W	SSW	SW	SSW	W	NW	W	NW
%OCC	13	14	12	10	8	11	15	11	8	10	10	13
AVG m/s	8.7	8.4	8.2	6.8	6.8	5.4	5.4	4.9	5.7	7.6	9.5	9.4
MED m/s	8.3	7.8	8.0	6.4	6.5	5.2	5.2	4.5	5.6	7.2	9.4	9.3

Prevailing Wind #3

DIR	W	W	W	WSW	SW	WSW	WSW	W	WSW	W	NW	W
%OCC	13	11	10	8	8	9	13	10	8	10	9	11
AVG m/s	10.1	10.0	9.1	7.0	5.6	5.8	5.0	5.4	6.1	7.5	8.3	10.4
MED m/s	9.6	10.1	8.9	6.6	5.5	5.4	4.9	5.2	6.0	7.1	8.1	10.1

Prevailing Wind #4

DIR	NNW	NNW	NNW	SSW	S	S	S	WSW	S	NNW	NNW	NNW
%OCC	9	9	8	7	8	9	10	10	8	8	8	8
AVG m/s	7.6	8.1	7.8	6.3	5.8	5.3	5.1	5.0	5.7	6.8	7.9	7.8
MED m/s	7.3	7.3	7.2	6.0	5.3	5.2	4.9	4.7	5.3	6.1	7.6	7.4