

WEST PENOBSCOT BAY BUOY 44033, ME, United States of America

Annual Climatic Design Data (2005–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
44.055N	68.996W	0	101.33	-13.4	21.0	14.0	N

Monthly Winds (2005–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	2	1	2	3	3	4	4	2	1	1	1

Prevailing Wind #1

DIR	WNW	WNW	NNE	SSW	SSW	SSW	SSW	SSW	SW	SW	WNW	NW
%OCC	15	13	12	10	14	14	17	16	15	10	11	12
AVG m/s	7.2	7.1	7.6	5.1	4.4	4.0	3.7	3.6	4.8	6.1	6.1	7.3
MED m/s	7.0	7.2	7.6	5.2	3.9	3.6	3.4	3.3	5.2	6.1	6.3	7.4

Prevailing Wind #2

DIR	NW	NW	NW	NNE	SW	SW	SW	SW	SSW	WNW	NNE	WNW
%OCC	13	12	11	9	12	11	14	12	13	9	10	12
AVG m/s	7.4	7.5	6.9	5.9	4.9	4.1	3.9	3.8	4.3	5.7	7.5	6.6
MED m/s	7.5	7.5	7.0	5.9	5.2	3.6	3.4	3.3	3.8	6.0	7.4	6.5

Prevailing Wind #3

DIR	W	NNW	WNW	SW	S	S	S	S	NNE	NNE	SW	W
%OCC	11	10	11	9	9	9	11	12	9	9	9	10
AVG m/s	6.1	7.9	6.8	5.4	3.8	3.3	3.1	3.2	4.8	7.1	6.7	5.7
MED m/s	6.1	8.0	6.9	5.7	3.2	2.9	2.8	2.8	5.0	7.2	6.9	5.7

Prevailing Wind #4

DIR	NNW	W	N	N	NNE	NNE	SSE	SSE	S	W	W	NNW
%OCC	9	9	9	7	8	7	7	8	9	8	9	10
AVG m/s	7.8	6.4	7.5	5.6	5.3	4.3	2.6	2.6	4.0	5.0	5.6	7.8
MED m/s	8.1	6.5	7.6	5.7	5.2	3.6	2.3	2.3	3.4	5.1	5.7	8.0