

STELLWAGEN BUOY 44029, MA, United States of America

Annual Climatic Design Data (2006–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
42.523N	70.566W	0	101.33	-10.8	23.5	14.5	WNW

Monthly Winds (2006–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	0	1	1	1	1	1	2	1	1	0	1	0

Prevailing Wind #1

DIR	WNW	W	NW	SSE	SSE	S	S	S	S	W	NW	NW
%OCC	17	15	14	10	13	12	16	13	11	10	11	14
AVG m/s	8.7	9.1	8.1	5.3	4.8	4.4	4.3	4.3	5.0	6.6	7.4	7.8
MED m/s	8.8	9.2	8.1	5.5	5.2	3.9	3.8	3.7	5.3	6.8	7.7	7.8

Prevailing Wind #2

DIR	NW	WNW	WNW	S	S	SSE	SSW	SSW	SSW	NW	WNW	WNW
%OCC	16	15	10	9	12	11	12	12	10	9	10	13
AVG m/s	8.5	8.9	7.9	5.2	4.6	4.4	4.2	4.1	5.0	7.0	8.0	8.0
MED m/s	8.4	9.0	8.2	5.4	5.0	3.9	3.7	3.7	5.3	7.4	8.2	8.0

Prevailing Wind #3

DIR	W	NW	SSW	W	NNE	SSW	SSE	SSE	SW	WNW	SW	W
%OCC	15	15	8	7	8	10	12	11	9	8	9	12
AVG m/s	8.3	8.7	5.9	6.7	6.6	4.2	4.3	4.4	4.9	6.5	6.6	8.0
MED m/s	8.5	8.7	5.9	6.9	6.9	3.8	3.8	3.8	5.2	7.0	6.7	8.1

Prevailing Wind #4

DIR	WSW	WSW	NNW	SSW	SSW	SW	SW	SW	SSE	WSW	W	WSW
%OCC	9	8	8	7	8	7	11	11	8	8	9	8
AVG m/s	7.9	7.5	7.2	5.0	4.4	4.1	3.8	3.9	4.7	6.2	7.7	7.2
MED m/s	8.2	7.5	7.3	5.2	3.9	3.7	3.5	3.5	5.0	6.2	7.9	7.4