

DELAWARE BAY BUOY 44009, United States of America**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
38.457N	74.702W	0	101.33	-6.3	26.7	15.6	NW

Monthly Winds (1994–2018)

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

Prevailing Wind #1

DIR	NW	NW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	NW	NW
%OCC	17	14	12	15	17	20	23	16	10	10	11	16
AVG m/s	10.0	9.2	7.0	6.6	5.8	5.7	5.8	5.9	5.9	6.6	9.0	9.4
MED m/s	10.1	9.3	7.2	6.8	6.0	6.0	6.1	6.3	6.0	6.7	9.0	9.4

Prevailing Wind #2

DIR	WNW	WNW	NW	S	S	S	S	S	NE	NW	SSW	WNW
%OCC	13	12	11	11	13	14	15	12	10	10	10	13
AVG m/s	9.3	8.7	8.8	6.5	5.5	5.3	5.3	5.5	7.6	8.3	6.9	9.7
MED m/s	9.4	9.0	8.9	6.5	5.6	5.5	5.5	5.8	7.9	8.5	7.0	10.0

Prevailing Wind #3

DIR	NNW	SSW	NNW	NW	NE	SW	SW	SW	S	NNW	NNW	NNW
%OCC	11	11	9	8	7	10	11	9	9	9	10	12
AVG m/s	8.5	6.9	7.9	7.6	7.3	4.7	4.8	4.9	5.6	7.8	8.5	8.5
MED m/s	8.5	7.0	7.8	7.6	7.4	5.0	5.1	5.2	5.7	7.9	8.4	8.6

Prevailing Wind #4

DIR	SSW	NNW	WNW	NNE	SW	SSE	SSE	NNE	NNE	WNW	WNW	SSW
%OCC	11	10	9	7	7	8	6	7	8	8	10	9
AVG m/s	7.1	8.3	8.6	7.8	4.4	4.7	4.2	6.8	7.8	7.6	8.9	7.0
MED m/s	7.0	8.2	8.9	8.0	3.7	5.0	3.8	6.5	8.2	7.5	9.0	7.0