

TOLCHESTER BEACH, MD, United States of America

Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
39.2135N	76.2446W	10	101.20	-8.8	31.8	13.4	WNW

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	6	9	8	8	7	8	8	8	7	6	6	7

Prevailing Wind #1

DIR	NW	NW	NW	S	S	SSW	SSW	ESE	E	E	NW	NW
%OCC	14	12	9	10	11	11	11	10	10	8	9	11
AVG m/s	7.6	7.9	7.6	4.0	3.0	3.0	3.1	1.8	1.8	1.9	7.7	7.4
MED m/s	7.7	7.9	7.5	4.0	2.8	2.7	2.8	1.8	1.7	1.8	7.8	7.4

Prevailing Wind #2

DIR	WNW	WNW	N	E	SSW	S	S	E	ESE	WNW	NNW	WNW
%OCC	10	10	9	7	11	9	11	9	9	8	9	11
AVG m/s	7.1	7.3	6.1	2.9	3.1	3.0	2.9	1.9	1.8	6.5	7.0	7.5
MED m/s	7.3	7.3	5.9	2.4	2.8	2.6	2.6	1.8	1.8	6.5	7.2	7.4

Prevailing Wind #3

DIR	NNW	NNW	NNE	SSW	E	SW	SW	N	N	NW	N	NNW
%OCC	9	9	9	7	8	9	9	7	8	8	8	8
AVG m/s	6.7	6.5	4.3	3.8	2.7	2.9	3.0	4.3	5.2	6.3	6.1	6.4
MED m/s	6.7	6.2	3.7	3.3	2.1	2.5	2.7	4.2	5.1	6.5	6.0	6.6

Prevailing Wind #4

DIR	S	S	NNW	NW	ESE	N	ESE	S	NNE	ESE	NNE	S
%OCC	8	8	9	7	7	7	7	7	7	7	8	7
AVG m/s	3.3	3.4	7.1	7.1	2.2	5.3	1.8	2.5	3.7	1.9	3.9	3.3
MED m/s	2.9	3.1	6.9	7.4	1.9	4.9	1.7	2.4	3.1	1.8	3.3	3.0