

CHESAPEAKE LIGHT, United States of America

Annual Climatic Design Data (1994–2015)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
36.910N	75.710W	0	101.33	-5.2	29.1	22.1	NE

Monthly Winds (1994–2015)

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

Prevailing Wind #1

DIR	NNW	N	NNE	S	S	S	SW	S	NE	NE	N	NNW
%OCC	12	10	10	13	11	13	15	12	14	10	13	11
AVG m/s	9.9	9.0	9.3	11.5	9.5	8.5	7.9	7.5	8.9	8.7	9.5	9.5
MED m/s	9.8	8.6	8.7	11.5	9.4	8.1	7.7	7.3	8.6	8.2	9.6	9.2

Prevailing Wind #2

DIR	N	NNW	S	SSW	SSW	SSE	SSW	SSE	NNE	N	NNW	N
%OCC	10	10	9	11	11	11	14	10	10	9	12	9
AVG m/s	9.1	10.0	11.4	11.0	9.7	8.2	7.9	6.6	8.8	8.3	9.8	8.3
MED m/s	9.0	9.7	11.1	11.0	9.3	7.5	7.5	6.3	8.2	8.0	10.1	8.0

Prevailing Wind #3

DIR	NW	NNE	SSW	SSE	SSE	SSW	S	SSW	ENE	NNE	NNE	NW
%OCC	10	9	9	9	10	11	13	10	10	9	8	9
AVG m/s	10.0	8.7	11.2	10.6	8.6	8.0	7.7	7.4	7.6	8.4	9.3	10.2
MED m/s	10.2	8.3	10.9	10.5	8.3	7.9	7.4	7.1	7.3	8.1	9.2	10.4

Prevailing Wind #4

DIR	SW	NW	NNW	NNE	SW	SW	SSE	SW	SSE	SW	SSW	SW
%OCC	9	9	9	8	10	10	10	9	8	8	7	8
AVG m/s	8.8	10.4	10.5	10.0	8.9	7.7	6.8	7.2	7.7	8.0	8.6	8.3
MED m/s	8.8	9.9	9.8	9.0	8.7	7.5	6.6	7.0	7.1	7.9	8.7	8.3