

YORK RIVER EAST RANGE LIGHT, VA, United States of America

Annual Climatic Design Data (2006–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
37.251N	76.342W	33	14.68	21.9	88.9	32.8	N

Monthly Winds (2006–2019)

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

Prevailing Wind #1

DIR	N	N	N	SW	SW	WSW	SW	SE	ENE	WSW	N	N
%OCC	11	10	9	10	12	11	13	9	10	8	14	9
AVG mph	16.5	16.5	18.4	16.4	14.7	12.7	13.1	12.1	16.7	13.1	17.2	14.3
MED mph	16.7	16.6	17.8	16.9	15.3	12.3	12.8	11.3	16.5	12.2	17.2	13.8

Prevailing Wind #2

DIR	NNW	NNW	NNE	SSE	SE	SW	WSW	SW	NE	N	NNE	SW
%OCC	10	8	9	8	10	10	13	9	8	8	12	9
AVG mph	17.2	18.1	17.7	13.6	13.7	13.4	13.4	12.7	18.0	16.5	17.4	13.3
MED mph	16.7	18.0	17.7	13.0	13.2	12.9	13.2	12.4	18.0	16.9	16.4	12.8

Prevailing Wind #3

DIR	SW	NNE	NE	SE	WSW	SE	SSW	WSW	SE	SW	NNW	NNW
%OCC	9	8	8	8	10	9	9	8	8	8	10	8
AVG mph	14.5	15.4	16.4	13.9	14.4	12.3	12.4	11.8	11.5	13.2	16.0	15.1
MED mph	14.6	15.1	16.2	13.3	14.8	11.6	12.3	11.2	10.9	12.6	15.7	14.7

Prevailing Wind #4

DIR	NW	SW	NNW	WSW	SSE	W	SSE	SSE	NNE	NE	SW	NNE
%OCC	8	8	8	8	8	9	9	8	8	8	8	8
AVG mph	15.3	15.7	17.6	14.7	13.0	11.5	12.0	12.5	15.4	19.4	13.2	14.3
MED mph	15.4	15.9	17.5	15.2	12.5	10.9	11.7	12.1	15.7	18.3	12.6	14.3