

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

Annual Climatic Design Data (2006–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
37.251N	76.342W	10	101.20	-5.6	31.6	14.7	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 m/s	7.4	7.4	8.2	7.3	6.6	5.7	5.9	5.4	7.5	5.8	7.7	6.4
MED m/s	7.5	7.4	8.0	7.6	6.8	5.5	5.7	5.0	7.4	5.4	7.7	6.2

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 m/s	7.7	8.1	7.9	6.1	6.1	6.0	6.0	5.7	8.1	7.4	7.8	5.9
MED m/s	7.4	8.0	7.9	5.8	5.9	5.8	5.9	5.6	8.0	7.5	7.3	5.7

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 m/s	6.5	6.9	7.3	6.2	6.4	5.5	5.5	5.3	5.1	5.9	7.1	6.7
MED m/s	6.5	6.8	7.2	5.9	6.6	5.2	5.5	5.0	4.9	5.6	7.0	6.6

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 m/s	6.8	7.0	7.9	6.6	5.8	5.1	5.4	5.6	6.9	8.7	5.9	6.4
MED m/s	6.9	7.1	7.8	6.8	5.6	4.9	5.2	5.4	7.0	8.2	5.7	6.4