

VIRGINIA BEACH BUOY 44014, 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
36.606N	74.840W	0	101.33	-1.8	28.4	15.1	NW

Monthly Winds (1994–2015)

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

Prevailing Wind #1

DIR	NNW	NW	SSW	SSW	SSW	SSW	SSW	SSW	NNE	NNE	NNW	NW
%OCC	14	13	13	16	18	18	21	14	13	12	15	12
AVG m/s	8.1	8.1	6.0	5.4	4.8	4.5	5.2	4.7	5.5	6.0	6.5	7.6
MED m/s	8.2	7.4	5.8	5.2	4.4	3.8	4.9	4.3	5.2	5.6	5.8	7.0

Prevailing Wind #2

DIR	NW	NNW	NNW	S	S	S	SW	NNE	NE	N	N	NNW
%OCC	14	12	11	14	13	12	13	10	12	12	11	11
AVG m/s	8.0	7.2	6.6	4.9	4.1	4.0	4.7	4.5	6.6	5.6	6.4	7.1
MED m/s	7.5	6.8	5.8	4.6	3.5	3.4	4.3	4.0	6.3	5.2	5.8	6.7

Prevailing Wind #3

DIR	SW	N	N	N	N	SW	S	S	N	NNW	NW	N
%OCC	11	10	11	9	8	10	12	10	9	9	11	9
AVG m/s	6.9	6.9	7.1	6.4	5.3	4.0	4.5	4.2	5.0	5.5	6.1	6.1
MED m/s	6.9	6.8	6.5	6.1	5.0	3.3	3.8	3.7	4.6	5.0	5.4	5.7

Prevailing Wind #4

DIR	WNW	SSW	NNE	NNW	SW	NNE	NE	SW	ENE	NE	SW	SW
%OCC	9	9	9	8	8	7	6	9	8	8	8	8
AVG m/s	6.8	6.2	7.2	5.6	3.9	4.1	4.0	4.6	5.1	5.9	5.4	6.2
MED m/s	6.3	5.6	7.3	5.3	3.1	3.5	3.4	4.0	4.6	5.5	5.1	6.0