

CHESAPEAKE BAY BRIDGE TUNNEL, VA, United States of America

Annual Climatic Design Data (2005–2015)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
37.0365N	76.0766W	52	14.67	23.6	88.1	40.2	NNE

Monthly Winds (2005–2015)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	1	1	1	1	1	1	1	4	1

Prevailing Wind #1

DIR	SSW	N	N	SSW	SSW	SSW	SSW	NE	NNE	NNE	N	SSW
%OCC	11	11	11	11	13	12	16	12	14	10	14	10
AVG mph	15.0	16.2	18.1	17.9	16.4	15.7	16.5	15.3	18.9	18.3	18.0	14.2
MED mph	15.2	15.9	17.3	17.6	16.3	14.7	15.5	14.0	18.9	17.9	18.2	14.0

Prevailing Wind #2

DIR	N	NW	NNW	S	S	S	S	SSW	NE	N	NNW	N
%OCC	10	9	9	9	10	10	11	11	11	10	11	10
AVG mph	16.6	19.7	19.4	16.6	13.7	13.9	13.3	13.9	16.0	18.5	18.9	15.4
MED mph	16.1	19.4	17.4	16.3	13.3	12.4	11.9	12.7	15.5	18.2	19.2	15.0

Prevailing Wind #3

DIR	S	NNW	S	N	NE	SW	SW	ENE	N	SSW	NNE	NNE
%OCC	9	8	8	8	8	9	10	10	10	10	9	9
AVG mph	13.7	17.2	15.7	17.4	15.4	13.9	15.6	11.2	16.8	13.9	18.1	13.8
MED mph	12.5	17.5	14.5	16.0	13.9	12.6	14.5	10.7	17.0	13.2	17.0	13.0

Prevailing Wind #4

DIR	NNW	SSW	NW	SW	ENE	ENE	ENE	S	ENE	S	SSW	S
%OCC	9	8	8	8	8	8	8	8	9	8	8	8
AVG mph	17.5	16.4	21.0	15.3	11.6	12.0	10.1	12.3	11.6	12.6	13.8	13.1
MED mph	17.4	16.5	18.5	15.1	11.0	11.6	10.1	11.3	11.1	12.1	13.7	12.2