

YORKTOWN USCG, VA, United States of America

Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
37.2265N	76.4788W	10	101.20	-6.1	32.8	12.4	NW

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	2	3	3	1	1	2	2	1	2	2	3

Prevailing Wind #1

DIR	SW	SW	NW	SW	SW	SW	SW	SW	NE	SW	NNW	SW
%OCC	11	11	11	12	15	15	18	11	9	10	12	11
AVG m/s	4.6	5.0	7.1	5.4	4.7	4.1	4.2	3.6	6.4	3.9	6.1	4.3
MED m/s	4.6	4.9	7.0	5.3	4.7	4.2	4.2	3.5	6.3	4.0	5.7	4.4

Prevailing Wind #2

DIR	SSW	NW	SSW	SSW	SSW	SSW	SSW	SSW	SW	NNW	SW	SSW
%OCC	11	10	8	10	11	11	13	10	9	8	10	9
AVG m/s	4.1	6.7	4.9	5.0	4.2	3.7	3.8	3.3	3.7	5.6	3.9	3.7
MED m/s	4.1	6.3	4.8	4.9	4.2	3.6	3.5	3.0	3.6	5.5	4.0	3.5

Prevailing Wind #3

DIR	NNW	NNW	NNW	E	E	WSW	WSW	E	SSW	SSW	NW	NW
%OCC	10	9	8	8	10	9	9	10	9	8	9	9
AVG m/s	5.9	6.0	6.1	5.3	5.0	4.0	3.8	4.7	3.3	3.3	6.0	5.8
MED m/s	5.6	5.7	5.8	5.1	4.9	3.9	3.8	4.6	3.0	3.0	5.5	5.3

Prevailing Wind #4

DIR	NW	SSW	SW	WSW	WSW	E	E	ENE	E	NW	SSW	NNW
%OCC	10	9	8	6	7	8	8	8	9	8	9	8
AVG m/s	6.4	4.2	5.3	5.2	4.3	4.7	4.6	5.2	4.7	6.0	3.6	5.2
MED m/s	5.7	4.1	5.3	4.8	4.4	4.6	4.6	4.8	4.6	5.8	3.4	4.8