

SOUTH HATTERAS BUOY 41002, United States of America

Annual Climatic Design Data (1994–2018)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
31.887N	74.921W	0	14.70	48.8	84.1	34.5	W

Monthly Winds (1994–2018)

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

Prevailing Wind #1

DIR	W	SSW	SSW	SSW	SW	SW	SW	SW	ENE	ENE	ENE	S
%OCC	9	9	10	13	14	18	26	15	10	12	8	10
AVG mph	21.4	19.2	18.7	16.4	15.5	14.9	15.1	13.0	14.6	15.6	17.1	17.9
MED mph	21.6	18.7	18.4	16.7	15.6	15.2	15.2	13.6	14.6	15.2	17.7	17.8

Prevailing Wind #2

DIR	NW	S	S	S	SSW	SSW	SSW	SSW	NE	NE	NNW	SSW
%OCC	9	8	8	11	12	17	20	15	10	11	8	8
AVG mph	20.0	19.1	18.5	16.8	14.9	14.8	14.5	13.5	15.8	15.5	16.6	17.9
MED mph	19.6	19.1	18.2	17.1	15.5	15.1	14.6	14.0	16.6	15.4	16.9	18.1

Prevailing Wind #3

DIR	WNW	NW	SW	SW	S	S	WSW	WSW	SSW	NNE	N	WNW
%OCC	9	8	8	10	9	10	13	11	9	9	8	7
AVG mph	20.1	19.1	18.4	16.6	14.6	13.7	14.3	12.1	12.6	15.0	16.1	18.7
MED mph	19.8	18.8	18.5	17.0	15.2	14.3	14.5	12.6	12.6	15.0	16.2	19.1

Prevailing Wind #4

DIR	NNW	NNW	NW	WSW	WSW	WSW	S	S	S	N	NE	NW
%OCC	8	8	8	8	7	9	12	10	9	8	7	7
AVG mph	18.5	17.8	19.4	15.8	14.0	13.1	13.3	13.1	12.7	14.6	16.6	17.5
MED mph	18.3	17.7	19.1	16.6	14.3	13.8	13.7	13.1	12.7	14.6	17.3	17.4