

DIAMOND SHOALS BUOY 41025, 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
35.025N	75.363W	16	14.69	31.4	85.3	58.9	SSW

Monthly Winds (1994–2018)

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

Prevailing Wind #1

DIR	NNW	N	N	SW	SW	SW	SW	SW	NNE	NNE	N	N
%OCC	14	15	14	17	17	21	26	14	19	18	14	15
AVG mph	21.6	25.2	25.1	25.1	22.7	18.9	20.0	17.6	19.6	19.1	20.7	21.7
MED mph	20.9	23.0	23.6	23.2	20.9	18.5	19.5	17.4	19.3	18.5	19.5	19.8

Prevailing Wind #2

DIR	N	NNE	NNE	WSW	NNE	WSW	WSW	NNE	N	N	NNE	NNE
%OCC	13	12	13	12	14	14	17	14	10	13	14	13
AVG mph	22.4	23.9	23.9	22.9	21.3	17.4	18.2	16.7	17.3	17.6	20.9	22.9
MED mph	20.8	20.5	21.8	21.2	18.8	16.8	18.0	16.6	17.5	17.5	18.6	21.4

Prevailing Wind #3

DIR	NW	WSW	SW	NNE	WSW	SSW	SSW	NE	NE	NNW	NNW	NNW
%OCC	11	9	10	12	11	10	12	11	10	9	11	10
AVG mph	20.8	23.8	26.6	24.6	18.9	17.3	17.5	15.0	17.5	16.7	19.4	19.8
MED mph	20.1	22.6	25.1	22.1	18.3	16.4	17.0	14.9	17.2	16.9	18.9	18.3

Prevailing Wind #4

DIR	W	NNW	WSW	N	SSW	NNE	NNE	WSW	SW	NE	NW	NW
%OCC	9	9	10	11	9	9	8	10	9	6	8	9
AVG mph	21.1	21.5	24.2	24.9	22.9	17.0	17.5	16.5	17.9	17.9	17.6	19.8
MED mph	19.3	18.8	22.8	23.4	19.5	16.4	15.8	16.3	17.7	17.7	16.3	18.4