

DIAMOND SHOALS BUOY 41025, United States of America

Annual Climatic Design Data (1994–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
35.025N	75.363W	5	101.26	-0.3	29.6	26.3	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 m/s	9.6	11.3	11.2	11.2	10.2	8.5	9.0	7.9	8.8	8.5	9.3	9.7
MED m/s	9.3	10.3	10.5	10.4	9.3	8.3	8.7	7.8	8.6	8.3	8.7	8.8

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 m/s	10.0	10.7	10.7	10.2	9.5	7.8	8.1	7.5	7.8	7.9	9.3	10.2
MED m/s	9.3	9.2	9.7	9.5	8.4	7.5	8.1	7.4	7.8	7.8	8.3	9.6

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 m/s	9.3	10.6	11.9	11.0	8.4	7.7	7.8	6.7	7.8	7.5	8.7	8.8
MED m/s	9.0	10.1	11.2	9.9	8.2	7.3	7.6	6.7	7.7	7.6	8.5	8.2

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 m/s	9.4	9.6	10.8	11.1	10.2	7.6	7.8	7.4	8.0	8.0	7.9	8.9
MED m/s	8.6	8.4	10.2	10.5	8.7	7.3	7.1	7.3	7.9	7.9	7.3	8.2