

HOTEL BUOY 44004, United States of America

Annual Climatic Design Data (1994–2009)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
38.484N	70.433W	0	101.33	-1.6	28.0	16.4	WNW

Monthly Winds (1994–2009)

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

Prevailing Wind #1

DIR	WNW	WNW	WNW	SW	SSW	SW	SW	SW	NE	WNW	NW	WNW
%OCC	16	16	12	9	9	15	17	12	10	10	12	15
AVG m/s	10.2	10.3	10.1	7.7	7.1	5.8	6.0	6.3	6.8	8.0	8.5	10.2
MED m/s	10.1	10.3	10.3	7.5	7.0	6.0	6.2	6.4	6.6	8.1	8.6	10.1

Prevailing Wind #2

DIR	NW	NW	NW	W	SW	SSW	SSW	WSW	NNE	NW	WNW	NW
%OCC	13	14	11	8	8	13	13	10	8	9	12	11
AVG m/s	10.2	9.7	9.3	7.6	6.9	6.1	6.5	5.9	7.1	7.6	8.5	9.1
MED m/s	10.0	9.4	9.6	7.5	7.0	6.3	6.6	6.2	6.9	7.6	8.5	9.0

Prevailing Wind #3

DIR	W	W	NNW	WNW	W	WSW	WSW	NE	ENE	NNE	NNW	W
%OCC	11	11	9	8	8	9	12	9	8	9	10	10
AVG m/s	9.2	9.5	8.3	7.8	7.3	5.6	6.0	6.7	6.3	7.9	8.2	9.4
MED m/s	9.0	9.5	8.9	7.7	7.4	5.8	6.1	6.5	6.3	7.9	8.4	9.0

Prevailing Wind #4

DIR	NNW	NNW	N	WSW	WSW	NNE	S	SSW	E	NE	W	NNW
%OCC	8	8	7	8	8	7	8	9	7	8	8	9
AVG m/s	9.7	8.7	7.7	7.1	6.9	7.6	5.6	6.0	5.5	7.3	7.6	8.7
MED m/s	9.7	8.5	7.5	7.1	6.8	7.7	5.7	6.1	5.6	7.5	7.4	8.6