

NANTUCKET BUOY 44008, 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
40.504N	69.248W	0	101.33	-5.7	24.1	16.3	WNW

Monthly Winds (1994–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	1	2	3	2	4	2	1	1	1

Prevailing Wind #1

DIR	WNW	WNW	WNW	SSW	SSW	SW	SSW	SSW	NE	W	WNW	WNW
%OCC	18	14	10	9	11	14	18	13	10	9	11	13
AVG m/s	9.9	10.0	8.9	6.2	5.1	4.6	4.8	4.7	6.9	7.4	9.1	10.2
MED m/s	9.7	10.0	8.7	6.4	5.3	4.9	5.1	5.0	7.0	7.3	9.0	10.1

Prevailing Wind #2

DIR	NW	NW	NW	WSW	SW	SSW	SW	SW	ENE	N	NW	NW
%OCC	15	13	9	9	10	13	14	10	9	8	11	12
AVG m/s	9.5	9.5	8.4	6.5	5.3	4.7	4.6	4.5	6.4	7.7	8.5	9.3
MED m/s	9.4	9.6	8.5	6.5	5.4	4.9	5.0	3.9	6.4	7.8	8.5	9.0

Prevailing Wind #3

DIR	W	W	W	W	WSW	S	S	S	SSW	WNW	NNW	W
%OCC	12	12	8	8	8	11	13	9	8	8	9	11
AVG m/s	9.4	9.5	7.6	7.1	5.0	4.4	4.2	4.2	4.8	7.8	8.1	9.4
MED m/s	9.1	9.2	7.6	7.1	5.3	3.8	3.7	3.6	3.9	7.7	7.9	9.3

Prevailing Wind #4

DIR	WSW	NNW	NNW	SW	S	WSW	WSW	NE	S	NW	N	NNW
%OCC	7	10	8	8	8	8	9	7	7	8	8	9
AVG m/s	8.5	8.7	8.9	5.9	4.9	4.5	4.1	5.3	4.6	7.6	8.4	8.3
MED m/s	8.1	8.5	8.9	5.9	5.0	3.9	3.6	5.4	3.7	7.9	8.1	8.0