

LONG ISLAND BUOY 44025, 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
40.251N	73.164W	0	14.70	18.1	78.5	34.7	WNW

Monthly Winds (1994–2018)

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

Prevailing Wind #1

DIR	WNW	WNW	WNW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	WNW	WNW
%OCC	15	14	10	14	16	20	21	17	11	8	13	13
AVG mph	18.6	17.8	16.3	11.1	11.0	10.8	11.0	10.1	10.2	11.9	16.1	18.6
MED mph	17.1	16.8	15.3	10.1	10.7	9.9	10.9	9.0	8.5	11.3	14.1	16.7

Prevailing Wind #2

DIR	NW	W	SSW	S	S	S	SW	SW	ENE	WNW	NW	NW
%OCC	15	13	10	10	11	12	15	12	9	8	10	13
AVG mph	18.4	16.7	12.3	11.0	9.7	9.6	10.2	9.4	15.5	15.5	15.7	18.9
MED mph	18.2	15.5	11.4	10.1	8.5	8.2	8.7	8.1	15.0	14.7	14.3	18.3

Prevailing Wind #3

DIR	W	NW	NW	SW	SW	SW	S	S	S	SW	W	W
%OCC	12	10	9	8	10	12	12	11	9	8	10	12
AVG mph	16.7	18.2	15.8	9.1	9.3	10.0	9.2	9.1	9.4	11.5	15.4	17.3
MED mph	15.7	17.9	15.1	7.5	8.0	8.5	7.7	7.7	7.5	10.8	12.7	16.2

Prevailing Wind #4

DIR	NNW	SW	W	W	ENE	SSE	WSW	WSW	NE	W	NNW	NNW
%OCC	8	8	9	7	7	6	8	7	7	8	8	8
AVG mph	14.8	12.7	14.0	10.6	11.3	9.1	8.0	8.5	12.9	14.1	15.6	16.4
MED mph	14.5	12.5	12.5	8.8	10.7	6.9	6.9	7.0	11.9	12.6	14.7	15.6