

AMBROSE LIGHT, NY, United States of America

Annual Climatic Design Data (1994–2008)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
40.460N	73.830W	0	101.33	-10.6	28.9	19.6	WNW

Monthly Winds (1994–2008)

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

Prevailing Wind #1

DIR	WNW	W	NW	S	S	S	S	S	S	W	WNW	W
%OCC	15	17	13	14	14	20	20	18	11	10	12	16
AVG m/s	10.6	9.9	10.5	11.6	9.3	8.3	7.7	7.3	7.1	8.3	10.0	10.3
MED m/s	10.9	9.6	10.7	10.7	8.7	8.3	7.7	7.4	6.9	7.9	10.2	10.4

Prevailing Wind #2

DIR	W	WNW	WNW	WNW	SSW	SSW	SSW	SSW	W	WNW	W	WNW
%OCC	14	15	13	9	10	14	14	13	8	9	12	14
AVG m/s	10.4	10.4	10.4	9.7	8.9	7.8	7.3	6.8	6.1	8.3	9.3	10.8
MED m/s	10.7	10.6	10.4	8.8	8.7	7.8	7.5	6.9	5.7	7.9	9.0	10.9

Prevailing Wind #3

DIR	NW	NW	S	W	W	W	W	SSE	SSW	S	NW	NW
%OCC	14	12	11	9	8	8	9	8	8	9	10	12
AVG m/s	10.9	10.6	9.5	9.1	8.3	6.4	6.0	5.5	6.7	8.2	9.9	10.4
MED m/s	11.4	10.8	9.2	8.7	7.4	6.5	5.8	5.3	6.8	7.9	9.7	10.6

Prevailing Wind #4

DIR	NNW	WSW	W	SSW	WNW	SSE	SW	SW	WNW	SW	SW	WSW
%OCC	7	8	10	8	7	8	8	8	7	8	7	7
AVG m/s	8.9	8.2	9.6	9.4	8.4	6.4	5.7	5.4	6.9	6.5	7.3	7.6
MED m/s	8.8	8.1	9.2	8.8	7.6	6.4	5.7	5.2	6.9	6.8	7.1	7.2