

SUPERIOR SHOALS, NY, 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
44.4645N	75.7936W	77	100.40	-20.6	27.4	17.3	SW

Monthly Winds (1994–2009)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	3	4	3	3	5	4	3	3	3	2	2	1

Prevailing Wind #1

DIR	NE	SW	SSW	NNE	SSW	SSW	SSW	SSW	SSW	SW	WSW	NE
%OCC	12	13	14	17	22	27	26	18	15	11	11	12
AVG m/s	4.3	8.5	6.0	5.9	6.1	5.4	5.8	5.2	6.0	7.9	7.2	4.0
MED m/s	4.0	7.8	5.4	5.5	5.5	5.0	5.5	5.1	5.6	7.5	7.1	3.6

Prevailing Wind #2

DIR	SW	SSW	NNE	SSW	NNE	SW	SW	SW	S	SSW	SW	WSW
%OCC	12	12	12	16	13	13	16	11	12	10	10	12
AVG m/s	8.6	7.2	6.4	6.4	4.8	5.3	5.9	5.4	5.0	7.1	8.3	7.9
MED m/s	7.9	5.8	5.4	5.8	4.3	5.0	5.5	5.3	4.5	6.8	7.8	7.4

Prevailing Wind #3

DIR	WSW	NNE	SW	SW	SW	NNE	S	S	SW	NE	NE	SW
%OCC	10	12	12	11	12	12	12	10	11	10	9	11
AVG m/s	7.9	5.2	7.8	7.3	6.7	4.2	3.9	3.8	6.3	4.1	4.1	8.5
MED m/s	7.4	5.0	7.0	6.9	6.0	3.8	3.6	3.7	5.8	4.1	3.6	7.9

Prevailing Wind #4

DIR	SSW	WSW	NNW	N	S	S	NNE	N	SSE	S	SSE	S
%OCC	9	9	8	8	8	10	6	8	9	9	9	8
AVG m/s	7.6	7.9	6.5	6.1	4.0	3.6	4.5	4.5	4.6	6.1	5.7	6.6
MED m/s	7.0	7.5	6.3	5.5	3.1	3.0	3.9	4.6	4.0	5.3	4.9	6.1