

ROCHESTER PIER, NY, United States of America

Annual Climatic Design Data (2007–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
43.2625N	77.5981W	83	100.33	-14.3	30.0	12.5	WNW

Monthly Winds (2007–2019)

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

Prevailing Wind #1

DIR	WSW	WSW	WNW	WSW	WSW	WSW	WSW	WSW	SSW	WSW	WSW	WSW
%OCC	19	18	11	9	10	9	14	14	11	12	13	17
AVG m/s	5.8	6.1	7.2	6.1	4.8	4.5	4.1	4.0	4.1	5.0	5.2	5.6
MED m/s	5.4	5.6	7.2	5.7	4.7	4.3	4.1	4.1	4.3	4.8	4.9	5.2

Prevailing Wind #2

DIR	SW	SW	WSW	WNW	NW	WNW	SW	SW	SW	SW	SW	W
%OCC	15	14	10	8	8	9	11	12	11	12	12	12
AVG m/s	5.2	5.3	5.5	6.5	5.4	4.8	3.8	3.8	3.9	4.3	4.4	5.9
MED m/s	5.0	5.1	5.1	6.4	5.2	4.6	4.0	4.0	4.0	4.3	4.3	5.5

Prevailing Wind #3

DIR	W	W	W	W	W	NW	SSW	SSW	WSW	SSW	W	SW
%OCC	10	11	9	8	8	9	9	10	10	9	11	10
AVG m/s	6.0	6.3	6.1	6.2	5.0	4.8	3.6	3.7	4.3	3.9	6.0	4.7
MED m/s	5.7	5.9	5.7	5.6	4.7	4.5	3.6	3.8	4.3	4.0	5.6	4.6

Prevailing Wind #4

DIR	SSW	WNW	NW	SW	WNW	SW	W	W	W	W	SSW	WNW
%OCC	9	8	9	8	8	8	9	8	8	8	8	8
AVG m/s	4.7	6.7	6.9	5.5	5.5	4.1	4.2	4.1	4.8	5.5	4.0	7.0
MED m/s	4.5	6.6	7.1	5.1	5.2	4.2	4.2	4.1	4.5	5.1	4.0	6.9