

PROVIDENCE HARBOR, RI, United States of America

Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
41.807N	71.401W	10	101.20	-12.2	32.2	11.4	NNE

Monthly Winds (2005–2019)

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

Prevailing Wind #1

DIR	NNW	N	NNW	S	S	S	SSW	SSW	SSW	NE	NNE	N
%OCC	13	13	11	12	15	14	13	13	12	12	13	13
AVG m/s	4.9	4.9	5.5	5.0	4.4	4.8	3.6	3.5	3.4	4.2	4.5	4.6
MED m/s	4.8	4.7	5.0	4.7	4.3	4.6	3.0	2.9	2.8	4.1	4.3	4.5

Prevailing Wind #2

DIR	N	NNW	N	SSW	SSW	SSW	S	S	NE	NNW	NE	NNW
%OCC	12	13	11	10	12	12	13	12	11	9	11	11
AVG m/s	4.8	5.1	5.1	4.4	3.9	3.7	4.5	4.4	3.4	3.8	3.8	4.7
MED m/s	4.6	4.9	4.9	4.0	3.3	3.1	4.3	4.3	3.0	3.5	3.5	4.5

Prevailing Wind #3

DIR	NW	NNE	NNE	N	NNE	NE	SW	SW	S	SSW	N	NE
%OCC	11	10	10	9	9	9	9	8	10	8	11	10
AVG m/s	4.2	4.8	5.0	5.1	5.9	4.2	3.9	3.1	3.8	3.6	4.4	3.7
MED m/s	3.8	4.4	4.7	4.7	5.1	4.1	3.2	2.8	3.4	2.9	4.3	3.2

Prevailing Wind #4

DIR	NNE	NW	NE	NNE	NE	SSE	WSW	N	ENE	N	NNW	NNE
%OCC	7	10	9	8	8	8	9	8	8	8	9	9
AVG m/s	4.3	4.7	4.9	5.1	4.5	4.7	4.0	3.6	3.4	4.0	4.3	4.1
MED m/s	3.9	4.3	4.4	4.8	3.8	3.8	3.6	3.1	3.0	3.9	4.2	4.0