

PROVIDENCE HARBOR, RI, United States of America

Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
41.807N	71.401W	33	14.68	10.0	90.0	25.5	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 mph	10.9	10.9	12.3	11.2	9.8	10.7	8.0	7.9	7.5	9.5	10.0	10.3
MED mph	10.7	10.5	11.2	10.5	9.6	10.3	6.7	6.4	6.3	9.2	9.7	10.0

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 mph	10.7	11.5	11.5	9.8	8.7	8.3	10.0	9.8	7.6	8.4	8.4	10.5
MED mph	10.4	10.9	10.9	9.1	7.3	7.0	9.5	9.7	6.7	7.7	7.8	10.1

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 mph	9.4	10.6	11.1	11.4	13.1	9.5	8.8	7.0	8.6	8.0	9.8	8.2
MED mph	8.6	9.9	10.4	10.5	11.5	9.2	7.1	6.2	7.6	6.5	9.6	7.1

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 mph	9.7	10.5	10.9	11.5	10.0	10.5	8.9	8.1	7.6	9.0	9.5	9.2
MED mph	8.8	9.6	9.9	10.7	8.5	8.5	8.1	7.0	6.6	8.7	9.4	9.0