

PRUDENCE ISLAND POTTER COVE, 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
41.637N	71.339W	3	101.29	-11.5	30.0	10.9	NE

Monthly Winds (2005–2019)

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

Prevailing Wind #1

DIR	NW	NW	SW	SSW	SSW	SSW	SW	SW	SW	SW	NNE	NW
%OCC	13	12	12	16	19	20	20	18	14	12	11	11
AVG m/s	3.5	3.9	3.7	3.3	2.7	2.4	2.4	2.4	2.6	3.2	5.7	3.5
MED m/s	3.1	3.5	3.1	3.0	2.6	2.3	2.3	2.2	2.4	2.7	5.4	3.1

Prevailing Wind #2

DIR	WNW	WNW	NW	SW	SW	SW	SSW	SSW	NE	NE	N	WNW
%OCC	13	12	10	12	18	18	18	15	11	11	11	11
AVG m/s	3.7	4.3	3.7	3.7	2.8	2.5	2.3	2.3	4.4	6.1	4.5	3.9
MED m/s	3.4	4.2	3.4	3.1	2.6	2.4	2.2	2.2	4.5	5.7	4.3	3.7

Prevailing Wind #3

DIR	WSW	SW	NNE	NNE	NNE	WSW	WSW	WSW	SSW	WSW	SW	WSW
%OCC	11	9	10	7	8	8	12	10	11	11	10	10
AVG m/s	3.7	3.3	6.1	5.4	5.9	2.4	2.4	2.3	2.5	3.1	3.4	3.4
MED m/s	3.2	2.8	5.6	5.1	5.1	2.2	2.2	2.1	2.4	2.8	3.0	3.0

Prevailing Wind #4

DIR	NNW	NNW	WNW	NW	NE	NNE	S	S	WSW	NNE	WSW	SW
%OCC	10	9	9	7	7	8	6	6	10	9	9	9
AVG m/s	3.3	3.4	4.0	3.4	5.7	4.6	2.1	2.2	2.5	5.1	3.3	3.9
MED m/s	3.0	2.9	3.7	3.1	5.1	4.4	2.0	2.0	2.3	4.8	2.9	3.6