

PRUDHOE BAY HARBOR, AK, 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
70.400N	148.527W	16	14.69	-40.6	56.8	43.3	E

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	16	11	12	13	11	11	11	1	4	10	11	12

Prevailing Wind #1

DIR	W	W	W	E	E	E	E	ESE	ESE	ESE	W	W
%OCC	25	18	20	18	22	31	21	20	24	21	20	19
AVG mph	15.5	18.0	14.6	21.5	21.1	20.9	19.4	17.6	22.1	25.6	14.3	13.2
MED mph	15.1	16.5	13.3	20.5	19.8	19.8	19.3	17.4	20.8	24.6	12.6	12.0

Prevailing Wind #2

DIR	E	E	E	W	ESE	ESE	ESE	E	E	E	ESE	ESE
%OCC	14	17	18	15	16	18	21	18	18	14	12	15
AVG mph	24.7	22.1	23.1	14.4	17.4	18.6	17.0	19.7	22.8	26.3	23.3	20.4
MED mph	24.1	20.7	23.2	13.7	16.0	17.2	16.6	18.7	22.9	26.1	23.9	18.6

Prevailing Wind #3

DIR	ESE	ENE	ESE	ESE	ENE	ENE	ENE	ENE	ENE	W	WSW	E
%OCC	10	12	10	12	10	16	14	11	9	14	12	13
AVG mph	22.0	16.8	19.2	17.1	15.6	15.8	16.6	16.7	19.0	14.0	12.8	22.2
MED mph	20.2	15.8	18.3	16.4	14.8	15.6	16.7	15.5	18.4	13.6	11.4	21.9

Prevailing Wind #4

DIR	ENE	ESE	ENE	ENE	W	NE	NE	W	W	WSW	E	WSW
%OCC	8	10	10	12	8	6	4	7	9	11	11	9
AVG mph	17.8	18.7	17.0	17.6	14.5	11.4	11.1	15.3	14.0	13.9	24.0	11.8
MED mph	16.1	17.5	16.0	17.6	14.3	10.8	10.9	15.0	13.5	13.4	22.9	10.9