

FLAT ISLAND LIGHT, AK, United States of America

Annual Climatic Design Data (2004–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
59.332N	151.995W	59	14.66	11.4	61.8	37.1	W

Monthly Winds (2004–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	9	9	10	13	5	5	6	6	3	1	1	2

Prevailing Wind #1

DIR	NNE	NNE	NNE	N	SSW	SSW	SSW	SSW	NNE	NNE	NNE	NNE
%OCC	25	21	18	10	14	25	26	18	11	15	22	22
AVG mph	18.2	18.3	17.8	14.5	8.4	9.1	8.9	8.4	12.6	15.5	20.0	18.8
MED mph	18.3	17.9	17.1	13.4	8.4	9.3	9.3	8.1	11.1	15.8	19.2	18.4

Prevailing Wind #2

DIR	N	N	N	NNE	E	S	S	S	E	NE	N	N
%OCC	21	18	15	10	11	14	16	15	10	11	16	17
AVG mph	20.0	19.6	18.3	12.3	10.2	10.2	9.9	10.1	10.7	11.0	20.3	21.1
MED mph	20.0	19.1	18.1	11.0	9.3	10.3	10.1	10.0	8.6	10.1	19.6	20.8

Prevailing Wind #3

DIR	NE	NE	NE	E	ENE	NNE	NNE	NNE	S	N	NE	NE
%OCC	12	10	9	8	10	8	7	10	8	10	13	12
AVG mph	13.8	13.7	12.1	10.3	8.7	7.1	7.3	8.3	10.1	17.7	15.6	13.6
MED mph	11.8	11.8	11.0	8.2	7.6	6.1	6.2	6.9	9.7	17.8	15.1	11.9

Prevailing Wind #4

DIR	E	E	WNW	NE	NNE	E	E	NE	SSW	E	WNW	E
%OCC	6	7	8	7	9	7	6	6	8	9	8	7
AVG mph	14.2	12.6	20.0	10.1	8.4	9.7	9.8	7.0	8.1	11.3	21.8	13.1
MED mph	11.1	10.4	19.5	9.4	7.0	9.1	8.8	6.0	7.2	8.7	22.3	10.0