

FLAT ISLAND LIGHT, AK, United States of America

Annual Climatic Design Data (2004–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
59.332N	151.995W	18	101.11	-11.4	16.6	16.6	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 m/s	8.1	8.2	7.9	6.5	3.8	4.0	4.0	3.7	5.6	6.9	9.0	8.4
MED m/s	8.2	8.0	7.7	6.0	3.7	4.2	4.2	3.6	5.0	7.1	8.6	8.2

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 m/s	8.9	8.7	8.2	5.5	4.6	4.6	4.4	4.5	4.8	4.9	9.1	9.4
MED m/s	8.9	8.6	8.1	4.9	4.2	4.6	4.5	4.5	3.9	4.5	8.8	9.3

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 m/s	6.2	6.1	5.4	4.6	3.9	3.2	3.3	3.7	4.5	7.9	7.0	6.1
MED m/s	5.3	5.3	4.9	3.7	3.4	2.7	2.8	3.1	4.3	8.0	6.7	5.3

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 m/s	6.4	5.6	8.9	4.5	3.8	4.3	4.4	3.1	3.6	5.0	9.7	5.9
MED m/s	5.0	4.6	8.7	4.2	3.1	4.1	3.9	2.7	3.2	3.9	10.0	4.5