

FAIRWEATHER GROUND BUOY 46083, United States of America

Annual Climatic Design Data (2002–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
58.300N	137.997W	0	101.33	-4.4	16.4	18.2	ESE

Monthly Winds (2002–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	1	2	2	2	2	1	1	1	1

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	NW	NW	WNW	NW	SE	ESE	ESE	ESE
%OCC	25	19	19	15	14	17	15	14	14	18	24	23
AVG m/s	11.8	10.8	11.0	9.9	5.7	5.9	4.9	5.2	8.6	10.8	12.3	11.8
MED m/s	11.6	10.5	11.0	9.8	6.1	6.1	5.3	5.6	8.5	10.6	13.1	11.5

Prevailing Wind #2

DIR	E	SE	SE	SE	SSE	WNW	NW	SE	ESE	SE	SE	E
%OCC	16	15	15	14	14	14	13	13	13	14	14	16
AVG m/s	12.2	9.4	9.6	8.1	7.0	5.6	5.4	6.8	9.3	8.8	9.7	12.7
MED m/s	13.1	8.9	9.6	7.8	7.0	5.8	5.8	6.7	8.9	8.4	9.3	13.8

Prevailing Wind #3

DIR	SE	E	E	NW	SE	SE	SE	WNW	SSE	E	E	SE
%OCC	14	9	9	11	12	12	11	11	12	9	11	15
AVG m/s	10.1	11.3	11.9	5.5	7.9	6.9	6.3	4.3	7.7	11.5	11.6	9.5
MED m/s	10.1	10.9	13.2	5.8	7.6	7.1	6.6	3.9	7.5	11.8	11.7	9.2

Prevailing Wind #4

DIR	SSE	SSE	SSE	NNW	WNW	SSE	SSE	SSE	S	SSE	SSE	SSE
%OCC	7	9	8	9	11	10	9	10	8	8	8	7
AVG m/s	8.5	8.3	7.9	4.9	5.3	5.8	5.5	5.3	6.3	7.8	8.5	8.9
MED m/s	7.9	7.8	7.4	5.2	5.4	5.8	5.7	5.4	6.4	7.4	7.8	8.1