

GULF OF AK BUOY 46001, United States of America

Annual Climatic Design Data (1994–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
56.232N	147.949W	0	101.33	-4.1	14.9	17.0	WNW

Monthly Winds (1994–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	1	1	1	1	1	1	1	1	1	1	0
Prevailing Wind #1												
DIR	E	SE	W	W	W	WSW	WSW	WSW	WSW	WSW	W	WSW
%OCC	8	11	10	10	11	11	14	14	13	11	10	10
AVG m/s	9.5	8.6	8.6	7.4	6.5	6.3	6.2	6.3	8.2	8.6	10.0	9.4
MED m/s	9.4	8.4	8.1	7.6	6.8	6.7	6.5	6.5	8.3	8.4	9.8	9.3
Prevailing Wind #2												
DIR	WSW	S	WSW	ESE	WSW	W	SW	W	W	W	WSW	W
%OCC	8	10	10	8	9	9	10	13	12	11	9	10
AVG m/s	8.9	8.2	8.3	8.1	6.7	6.1	5.8	6.2	8.1	9.7	9.2	10.2
MED m/s	8.6	8.4	7.9	8.4	6.6	6.7	6.1	6.4	8.2	9.5	9.1	10.1
Prevailing Wind #3												
DIR	W	SSE	SW	E	SW	SW	W	SW	SW	SW	WNW	WNW
%OCC	8	9	8	8	8	9	10	12	9	9	9	9
AVG m/s	9.3	8.2	7.9	8.2	6.8	5.8	6.3	6.6	7.4	8.1	10.1	10.9
MED m/s	8.5	8.4	7.8	7.8	6.8	6.1	6.6	6.7	7.5	8.0	9.9	10.8
Prevailing Wind #4												
DIR	SSE	SW	NW	WSW	WNW	ESE	S	SSW	SSW	SSW	SW	SSE
%OCC	8	8	7	8	8	8	8	9	9	9	9	8
AVG m/s	8.6	8.3	9.1	7.4	5.6	6.7	6.2	7.0	7.6	7.9	8.9	9.3
MED m/s	8.6	8.4	9.4	7.4	5.9	6.8	6.5	7.3	7.7	7.8	8.9	9.0