

WEST ORCA BAY BUOY 46060, AK, United States of America

Annual Climatic Design Data (2001–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
60.587N	146.819W	0	101.33	-6.0	16.9	16.3	ESE

Monthly Winds (2001–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	2	2	2	3	3	2	4	3	2	1	1

Prevailing Wind #1

DIR	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE
%OCC	19	19	16	17	14	13	16	20	25	25	21	22
AVG m/s	9.6	9.3	8.2	7.5	6.8	6.4	6.4	7.3	8.8	9.4	9.9	10.2
MED m/s	9.5	9.0	8.2	7.6	6.8	6.4	6.6	7.3	8.7	9.1	9.8	10.0

Prevailing Wind #2

DIR	E	E	E	E	E	WSW	E	E	E	E	E	E
%OCC	12	15	11	12	10	11	11	12	13	15	13	16
AVG m/s	7.5	8.1	6.9	6.4	6.0	3.1	6.0	6.5	7.7	7.8	8.3	8.9
MED m/s	7.4	8.0	6.8	6.3	5.8	2.8	6.5	6.6	7.6	7.7	8.4	8.8

Prevailing Wind #3

DIR	NNE	N	N	NW	WSW	E	WSW	SE	SE	NW	N	N
%OCC	10	10	10	8	10	10	10	6	8	8	10	9
AVG m/s	4.4	4.7	4.8	3.7	3.0	5.9	3.0	5.4	7.9	5.1	4.6	4.3
MED m/s	3.8	3.9	4.0	3.2	2.7	6.0	2.7	5.3	7.3	5.5	3.8	3.8

Prevailing Wind #4

DIR	N	NNE	NNE	NNW	W	SW	SSW	SSW	NW	NNW	NNE	NNE
%OCC	9	9	10	7	8	10	9	6	6	7	9	8
AVG m/s	4.4	4.6	5.2	3.7	2.8	3.2	3.1	2.7	4.0	4.5	4.8	4.5
MED m/s	3.8	3.8	5.3	3.1	2.6	2.9	2.8	2.5	3.5	3.8	3.9	4.0