

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

Annual Climatic Design Data (2001–2018)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
60.587N	146.819W	0	14.70	21.2	62.5	36.4	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 mph	21.5	20.9	18.3	16.9	15.2	14.3	14.4	16.4	19.7	21.0	22.1	22.9
MED mph	21.2	20.1	18.3	17.0	15.1	14.4	14.7	16.4	19.4	20.4	21.8	22.3

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 mph	16.8	18.2	15.3	14.4	13.4	6.8	13.5	14.6	17.2	17.5	18.7	20.0
MED mph	16.6	17.9	15.2	14.1	13.1	6.2	14.4	14.7	17.1	17.3	18.7	19.8

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 mph	9.8	10.6	10.8	8.3	6.7	13.2	6.7	12.1	17.7	11.3	10.4	9.7
MED mph	8.4	8.7	9.0	7.1	6.1	13.4	6.1	11.8	16.4	12.3	8.5	8.5

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 mph	9.9	10.3	11.6	8.2	6.3	7.3	7.0	6.1	9.0	10.1	10.7	10.1
MED mph	8.4	8.5	11.8	6.9	5.8	6.6	6.3	5.6	7.8	8.5	8.7	8.9