

SOUTH ALEUTIANS BUOY 46003, United States of America

Annual Climatic Design Data (1986–1999)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
51.831N	155.850W	10	14.69	27.1	55.7	36.5	NW

Monthly Winds (1986–1999)

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

Prevailing Wind #1

DIR	WNW	WNW	W	WNW	WNW	WNW	W	W	WSW	W	W	WSW
%OCC	8	10	11	15	12	13	14	13	13	13	14	10
AVG mph	21.5	20.7	19.4	19.2	15.3	15.5	13.7	15.5	18.3	19.9	21.8	20.6
MED mph	21.2	19.8	19.4	19.9	15.7	16.0	14.1	16.0	18.2	20.2	21.8	20.7

Prevailing Wind #2

DIR	W	NW	WNW	W	W	W	WSW	WSW	SW	WNW	WNW	SW
%OCC	8	8	10	15	12	12	13	13	13	13	14	10
AVG mph	20.1	20.1	18.6	17.4	15.7	14.7	14.3	15.8	19.3	20.3	22.3	21.3
MED mph	20.3	19.0	18.6	17.8	16.4	15.4	14.8	15.9	18.7	20.4	22.1	21.4

Prevailing Wind #3

DIR	WSW	E	WSW	NW	WSW	SW	WNW	WNW	W	WSW	WSW	W
%OCC	7	8	9	9	9	10	12	12	13	11	10	9
AVG mph	20.1	20.9	20.2	17.7	15.7	14.5	13.5	15.5	18.1	19.2	22.0	21.4
MED mph	20.6	20.8	21.5	18.1	16.4	14.9	14.2	15.7	18.3	19.4	22.3	21.1

Prevailing Wind #4

DIR	NW	SE	SW	WSW	SW	SSW	SW	SW	SSW	NW	NW	WNW
%OCC	7	7	8	9	9	10	10	11	12	9	10	9
AVG mph	20.7	19.7	19.0	16.9	15.9	14.9	15.0	15.8	18.7	20.6	22.8	22.9
MED mph	20.6	19.9	20.0	17.5	16.0	15.2	15.7	16.0	18.7	20.8	22.1	22.6