

SOUTH ALEUTIANS BUOY 46003, United States of America

Annual Climatic Design Data (1986–1999)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
51.831N	155.850W	3	101.29	-2.7	13.2	16.3	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 m/s	9.6	9.2	8.7	8.6	6.9	6.9	6.1	6.9	8.2	8.9	9.8	9.2
MED m/s	9.5	8.9	8.7	8.9	7.0	7.1	6.3	7.1	8.1	9.0	9.7	9.3

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 m/s	9.0	9.0	8.3	7.8	7.0	6.6	6.4	7.0	8.6	9.1	10.0	9.5
MED m/s	9.1	8.5	8.3	7.9	7.3	6.9	6.6	7.1	8.4	9.1	9.9	9.6

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 m/s	9.0	9.3	9.0	7.9	7.0	6.5	6.0	6.9	8.1	8.6	9.8	9.6
MED m/s	9.2	9.3	9.6	8.1	7.3	6.6	6.4	7.0	8.2	8.7	10.0	9.4

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 m/s	9.2	8.8	8.5	7.6	7.1	6.7	6.7	7.1	8.4	9.2	10.2	10.3
MED m/s	9.2	8.9	8.9	7.8	7.2	6.8	7.0	7.2	8.4	9.3	9.9	10.1