

CAPE SUCKLING BUOY 46082, AK, United States of America

Annual Climatic Design Data (2005–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
59.681N	143.372W	0	101.33	-4.1	15.5	18.8	E

Monthly Winds (2005–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	1	2	3	3	3	1	2	3	1	1	1	1
Prevailing Wind #1												
DIR	ESE	ESE	ESE	ESE	W	ESE	W	ESE	ESE	E	ESE	E
%OCC	24	19	20	19	21	17	17	21	21	18	19	23
AVG m/s	10.5	10.7	10.0	9.4	5.8	7.2	4.9	7.6	9.7	10.2	10.4	11.4
MED m/s	10.2	10.7	9.8	9.2	6.3	7.2	5.3	7.5	9.5	10.1	10.3	11.3
Prevailing Wind #2												
DIR	E	E	E	E	ESE	W	ESE	E	E	ESE	E	ESE
%OCC	21	16	17	13	16	17	16	15	18	18	19	22
AVG m/s	11.4	11.2	10.4	9.8	7.8	5.0	6.5	8.1	10.2	9.1	11.7	10.7
MED m/s	11.6	11.4	10.7	9.8	7.5	5.4	6.1	7.7	9.6	9.0	11.7	10.4
Prevailing Wind #3												
DIR	SE	SE	SE	SE	WNW	E	SE	SE	SE	SE	SE	SE
%OCC	9	7	10	11	13	13	10	10	12	10	10	10
AVG m/s	7.9	6.8	8.3	6.9	5.5	7.4	5.5	5.6	7.3	7.2	8.0	8.3
MED m/s	8.1	6.4	8.2	7.1	5.9	7.5	5.6	5.5	7.2	7.1	7.9	7.8
Prevailing Wind #4												
DIR	SSE	WNW	SSE	WNW	E	SE	E	W	SSE	SSE	SSE	ENE
%OCC	6	7	5	8	10	9	10	10	7	8	6	6
AVG m/s	7.1	5.6	6.2	5.4	8.6	5.0	6.4	4.4	5.5	6.3	7.1	8.2
MED m/s	7.0	5.4	6.2	5.5	8.0	5.1	5.9	3.9	5.6	6.6	7.2	7.1