

ANCHORAGE HARBOR, AK, United States of America

Annual Climatic Design Data (2005–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
61.238N	149.890W	3	101.29	-19.6	19.2	8.7	N

Monthly Winds (2005–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	7	6	9	11	8	6	7	9	8	7	5	5

Prevailing Wind #1

DIR	NNE	NNE	NNE	NNE	W	W	W	N	NNE	NNE	NNE	NNE
%OCC	17	21	21	15	16	21	18	14	16	21	20	18
AVG m/s	3.4	3.5	3.5	2.5	3.7	3.6	3.4	2.2	2.2	2.4	3.1	3.4
MED m/s	3.0	2.8	2.9	2.2	3.7	3.4	3.3	2.0	2.0	2.2	2.7	2.8

Prevailing Wind #2

DIR	E	N	N	N	N	WSW	N	NNE	N	N	NE	NE
%OCC	13	14	15	15	10	10	11	14	14	13	13	13
AVG m/s	1.6	4.6	4.0	2.7	2.4	2.9	2.1	1.9	2.5	3.3	2.0	2.0
MED m/s	1.6	4.1	3.2	2.3	2.1	2.6	2.0	1.8	2.2	2.7	1.9	1.8

Prevailing Wind #3

DIR	NE	NE	NE	W	WSW	N	WSW	W	ESE	NE	N	ESE
%OCC	13	11	9	7	10	8	10	10	7	11	12	12
AVG m/s	2.3	2.1	2.5	2.9	2.7	2.1	2.6	3.0	1.6	1.9	4.6	1.7
MED m/s	2.0	1.9	2.1	2.6	2.5	2.0	2.4	2.8	1.5	1.7	4.2	1.7

Prevailing Wind #4

DIR	ESE	ESE	ESE	WSW	NNE	SW	NNE	WSW	NE	ESE	ESE	N
%OCC	13	10	8	7	8	8	9	7	7	9	12	11
AVG m/s	1.7	1.7	1.7	2.3	2.1	2.5	2.0	2.5	1.6	1.6	1.8	4.6
MED m/s	1.7	1.6	1.7	2.1	1.9	2.2	1.9	2.2	1.5	1.6	1.8	4.3