

ALAMEDA, CA, United States of America

Annual Climatic Design Data (1990–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
37.772N	122.298W	2	101.30	4.8	27.4	9.0	W

Monthly Winds (1990–2019)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	9	7	5	3	3	3	2	2	4	9	9	13

Prevailing Wind #1

DIR	NNW	WNW	W	WNW	W	W	W	W	W	WNW	WNW	SE
%OCC	10	14	18	25	31	33	37	35	28	20	14	10
AVG m/s	2.4	3.0	3.7	3.8	4.0	3.9	3.8	3.6	3.7	2.7	2.7	4.1
MED m/s	2.0	2.6	3.3	3.4	3.9	3.6	3.5	3.2	3.3	2.5	2.4	3.6

Prevailing Wind #2

DIR	WNW	W	WNW	W	WNW	WNW	WNW	WNW	WNW	W	W	ESE
%OCC	10	10	18	25	23	25	29	23	27	19	10	9
AVG m/s	2.5	3.2	3.4	4.2	3.8	3.6	3.5	3.2	3.0	3.3	3.0	2.9
MED m/s	2.0	2.7	2.9	4.2	3.4	3.1	3.1	2.9	2.7	2.9	2.6	2.3

Prevailing Wind #3

DIR	SE	NNW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	NNW	WNW
%OCC	8	8	7	9	13	14	15	17	11	7	10	9
AVG m/s	4.3	2.9	3.4	3.5	3.8	3.8	3.9	3.7	3.4	3.1	2.8	2.8
MED m/s	3.3	2.3	2.9	3.0	3.7	3.8	4.1	3.3	2.9	2.6	2.2	2.3

Prevailing Wind #4

DIR	N	SE	SW	SW	SW	SW	SW	SW	SW	NNW	N	NNW
%OCC	8	7	6	6	8	8	7	9	7	6	8	8
AVG m/s	2.3	4.7	3.1	3.0	3.2	3.2	3.3	3.3	2.7	2.3	2.5	2.5
MED m/s	1.9	4.2	2.4	2.5	2.9	2.9	3.0	2.9	2.3	1.9	1.9	2.1