

ALAMEDA, CA, United States of America

Annual Climatic Design Data (1990–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
37.772N	122.298W	7	14.69	40.6	81.4	20.1	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 mph	5.3	6.7	8.3	8.4	9.0	8.8	8.4	8.1	8.2	6.1	6.0	9.2
MED mph	4.5	5.8	7.3	7.5	8.7	8.1	7.8	7.1	7.4	5.5	5.3	8.2

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 mph	5.5	7.1	7.5	9.4	8.4	7.9	7.8	7.2	6.8	7.4	6.6	6.4
MED mph	4.6	6.1	6.5	9.3	7.6	7.0	7.0	6.6	6.1	6.4	5.8	5.1

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 mph	9.6	6.4	7.5	7.8	8.5	8.6	8.7	8.3	7.6	6.9	6.3	6.2
MED mph	7.5	5.1	6.4	6.7	8.3	8.5	9.1	7.4	6.6	5.8	4.9	5.0

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 mph	5.1	10.5	7.0	6.7	7.3	7.2	7.4	7.4	5.9	5.2	5.5	5.7
MED mph	4.3	9.4	5.3	5.7	6.5	6.4	6.8	6.5	5.1	4.3	4.3	4.7