

SANTA MARIA BUOY 46011, CA, United States of America**Annual Climatic Design Data (2001–2018)**

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
34.956N	121.019W	0	14.70	47.7	66.2	30.3	NW

Monthly Winds (2001–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	2	1	2	3	2	2	1	3	2	2	2

Prevailing Wind #1

DIR	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW
%OCC	25	27	37	43	50	48	44	42	41	33	25	20
AVG mph	15.8	16.9	17.4	18.9	18.1	17.3	13.8	13.9	14.3	15.0	15.5	14.7
MED mph	16.2	17.3	18.0	19.4	18.8	18.1	14.1	14.4	14.6	15.2	16.1	15.2

Prevailing Wind #2

DIR	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW
%OCC	21	22	23	24	23	24	26	31	28	27	25	19
AVG mph	14.2	15.0	14.7	16.0	15.5	14.7	12.6	12.8	12.6	13.2	14.5	15.9
MED mph	14.8	15.8	14.9	16.4	15.9	15.6	13.1	13.5	13.1	13.4	15.2	16.1

Prevailing Wind #3

DIR	N	N	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	N	N
%OCC	11	8	7	8	7	9	11	9	9	7	10	10
AVG mph	11.4	10.7	11.5	11.9	11.3	10.3	8.3	9.2	8.6	9.4	11.2	11.7
MED mph	12.2	11.6	11.9	12.1	11.4	8.3	7.1	7.7	7.4	7.8	11.8	12.5

Prevailing Wind #4

DIR	NNE	WNW	N	N	N	W	W	N	N	N	NNE	NNE
%OCC	7	7	6	4	3	3	4	6	4	7	5	7
AVG mph	9.6	12.0	10.0	8.9	7.6	5.5	5.3	7.2	7.7	8.4	9.4	10.3
MED mph	8.2	12.7	8.5	7.5	6.4	5.0	4.9	6.4	6.7	7.0	8.0	9.0