

SANTA BARBARA BUOY 46053, CA, United States of America

Annual Climatic Design Data (2002–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
34.252N	119.853W	0	101.33	9.8	21.7	13.2	WNW

Monthly Winds (2002–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	4	3	3	2	2	2	1	1	2	3	4	4

Prevailing Wind #1

DIR	WNW	W	W	W	W	W	WSW	WSW	WSW	W	W	WNW
%OCC	15	18	24	28	30	28	32	33	29	23	17	15
AVG m/s	6.0	5.5	6.2	6.7	6.6	5.8	5.3	5.3	5.1	5.1	4.9	6.4
MED m/s	6.2	5.5	6.1	6.6	6.4	5.9	5.6	5.7	5.5	5.2	4.0	6.8

Prevailing Wind #2

DIR	W	WNW	WNW	WNW	WSW	WSW	W	W	W	WSW	WNW	W
%OCC	14	17	19	20	18	22	28	25	27	21	15	15
AVG m/s	4.3	6.8	7.3	7.6	4.7	4.7	5.4	5.5	5.4	4.2	5.9	4.8
MED m/s	3.3	7.2	7.6	7.9	5.0	5.1	5.7	5.9	5.6	3.7	6.0	3.9

Prevailing Wind #3

DIR	WSW	WSW	WSW	WSW	WNW	SW	SW	SW	SW	WNW	WSW	WSW
%OCC	10	11	14	15	17	12	16	17	13	12	12	10
AVG m/s	3.1	3.6	4.1	4.7	7.1	3.9	4.7	4.6	4.1	5.6	3.5	3.2
MED m/s	2.7	3.1	3.6	5.0	7.4	3.5	5.1	5.1	3.7	5.4	3.0	2.6

Prevailing Wind #4

DIR	SW	NW	SW	SW	SW	WNW	WNW	SSW	WNW	SW	NW	NW
%OCC	7	8	8	7	10	10	5	5	8	11	8	9
AVG m/s	2.7	5.9	3.1	3.5	3.8	5.5	3.5	3.8	4.9	3.4	5.6	6.0
MED m/s	2.5	5.9	2.8	3.2	3.4	5.4	2.9	3.5	3.9	3.1	5.3	5.9