

SANTA BARBARA BUOY 46054, CA, United States of America

Annual Climatic Design Data (2001–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
34.265N	120.477W	0	101.33	9.1	20.3	15.4	NW

Monthly Winds (2001–2018)

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

Prevailing Wind #1

DIR	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
%OCC	40	41	55	57	64	60	56	63	57	51	42	35
AVG m/s	8.3	8.8	9.6	9.9	10.1	10.1	9.6	9.4	9.3	8.6	8.4	8.2
MED m/s	8.7	9.2	9.8	10.1	10.2	10.2	9.7	9.6	9.5	8.7	8.6	8.4

Prevailing Wind #2

DIR	NNW	NNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	NNW	NNW
%OCC	15	15	12	14	14	17	25	24	21	15	15	16
AVG m/s	7.1	8.0	6.4	6.7	7.3	8.2	8.0	8.3	7.6	6.2	7.4	7.9
MED m/s	7.8	8.4	6.7	6.8	7.4	8.0	7.9	8.4	7.7	6.4	7.7	8.3

Prevailing Wind #3

DIR	WNW	WNW	NNW	NNW	NNW	NNW	W	NNW	NNW	NNW	WNW	WNW
%OCC	12	11	11	12	10	7	5	4	7	11	11	11
AVG m/s	5.6	5.9	8.0	8.6	8.6	8.3	4.1	6.4	7.6	7.0	5.5	5.7
MED m/s	5.5	6.1	8.3	8.9	8.7	8.7	3.3	6.3	7.9	7.2	5.5	5.9

Prevailing Wind #4

DIR	ESE	ESE	W	W	W	W	NNW	W	W	W	ESE	ESE
%OCC	4	5	3	3	2	4	4	3	3	3	3	6
AVG m/s	5.6	6.5	3.8	4.3	4.3	3.9	6.2	3.8	3.7	3.4	4.9	5.8
MED m/s	5.3	6.2	3.1	3.6	3.6	3.2	6.3	3.3	3.1	3.0	3.8	5.7