

SANTA MONICA BASIN BUOY 46025, CA, United States of America

Annual Climatic Design Data (1994–2015)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
33.763N	119.053W	0	14.70	50.8	72.2	26.3	WNW

Monthly Winds (1994–2015)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	4	3	4	3	3	3	4	4	4	4	4	4
Prevailing Wind #1												
DIR	WNW	WNW	WNW	W	W	W	W	W	W	W	WNW	WNW
%OCC	14	17	17	21	20	20	22	20	20	17	16	15
AVG mph	11.2	12.8	12.9	12.4	10.8	9.5	9.1	9.0	9.0	9.2	10.6	13.0
MED mph	8.4	11.7	11.7	12.2	8.9	8.4	8.3	8.2	8.1	7.9	8.1	11.6
Prevailing Wind #2												
DIR	NW	W	W	WNW	WNW	WSW	WSW	WNW	WNW	WNW	NW	NW
%OCC	13	14	16	20	14	11	12	13	14	14	14	14
AVG mph	10.0	11.7	11.1	13.4	10.9	7.1	6.8	8.1	8.2	9.2	10.1	11.3
MED mph	8.4	11.3	8.9	12.5	8.7	6.5	6.3	7.4	7.4	7.5	8.2	11.4
Prevailing Wind #3												
DIR	W	NW	NW	NW	WSW	WNW	WNW	NW	NW	NW	W	W
%OCC	11	13	12	12	9	10	11	10	11	12	13	10
AVG mph	9.2	10.8	10.5	11.2	7.3	8.6	8.3	7.2	7.9	8.7	9.4	10.3
MED mph	7.3	8.9	8.4	11.0	6.5	7.6	7.5	6.6	7.0	7.5	7.6	7.8
Prevailing Wind #4												
DIR	NNW	NNW	WSW	WSW	NW	SW	SW	WSW	WSW	WSW	NNW	NNW
%OCC	9	7	8	7	8	7	6	10	10	9	9	9
AVG mph	8.8	8.6	7.9	8.0	9.0	5.4	5.1	6.3	6.4	6.8	8.8	9.7
MED mph	7.4	7.6	6.6	7.0	7.3	5.1	4.9	5.9	6.0	6.0	7.6	8.1