

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

Annual Climatic Design Data (1994–2015)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
33.763N	119.053W	0	101.33	10.4	22.3	11.8	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 m/s	5.0	5.7	5.8	5.5	4.8	4.3	4.1	4.0	4.0	4.1	4.8	5.8
MED m/s	3.8	5.2	5.2	5.5	4.0	3.8	3.7	3.7	3.6	3.5	3.6	5.2

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 m/s	4.5	5.2	5.0	6.0	4.9	3.2	3.0	3.6	3.7	4.1	4.5	5.1
MED m/s	3.8	5.0	4.0	5.6	3.9	2.9	2.8	3.3	3.3	3.4	3.7	5.1

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 m/s	4.1	4.8	4.7	5.0	3.3	3.9	3.7	3.2	3.5	3.9	4.2	4.6
MED m/s	3.3	4.0	3.8	4.9	2.9	3.4	3.4	2.9	3.1	3.4	3.4	3.5

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 m/s	3.9	3.9	3.6	3.6	4.0	2.4	2.3	2.8	2.9	3.0	3.9	4.3
MED m/s	3.3	3.4	3.0	3.1	3.3	2.3	2.2	2.6	2.7	2.7	3.4	3.6