

SAN CLEMENTE BASIN BUOY 46086, CA, United States of America

Annual Climatic Design Data (2005–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
32.499N	118.052W	3	101.29	11.4	23.0	11.0	WNW

Monthly Winds (2005–2018)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%CALM	2	1	1	1	1	1	1	0	1	1	1	2

Prevailing Wind #1

DIR	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW
%OCC	17	25	33	38	40	38	40	47	43	32	24	21
AVG m/s	5.0	5.7	5.9	6.3	6.3	5.5	5.1	5.2	5.3	5.2	5.3	5.8
MED m/s	5.0	5.7	6.0	6.3	6.5	5.9	5.4	5.5	5.6	5.5	5.4	5.6

Prevailing Wind #2

DIR	NW	NW	NW	NW	W	W	W	W	NW	NW	NW	NW
%OCC	15	18	19	18	19	19	21	20	20	21	18	19
AVG m/s	4.4	4.6	5.1	5.3	4.7	4.1	3.9	3.8	4.6	4.5	4.6	5.0
MED m/s	3.7	3.9	5.2	5.4	5.0	3.7	3.6	3.5	5.0	3.9	3.9	5.0

Prevailing Wind #3

DIR	NNW	W	W	W	NW	NW	NW	NW	W	W	NNW	NNW
%OCC	13	11	12	15	13	13	15	17	15	13	11	12
AVG m/s	3.7	4.7	4.6	4.8	5.2	4.8	4.6	4.5	3.9	3.9	3.6	4.2
MED m/s	3.3	4.0	3.9	5.0	5.4	5.1	4.0	4.0	3.5	3.5	3.2	3.5

Prevailing Wind #4

DIR	N	NNW	NNW	WSW	WSW	WSW	WSW	WSW	WSW	NNW	W	W
%OCC	9	9	9	6	6	7	8	6	6	8	9	9
AVG m/s	3.4	3.7	3.6	3.4	3.3	2.9	2.9	2.6	2.9	3.4	4.1	4.5
MED m/s	3.0	3.3	3.3	3.0	2.9	2.6	2.7	2.5	2.7	3.0	3.4	3.7