

HALF MOON BAY BUOY 46012, United States of America

Annual Climatic Design Data (1994–2018)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
37.356N	122.881W	0	101.33	7.9	18.0	14.6	NW

Monthly Winds (1994–2018)

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

Prevailing Wind #1

DIR	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW
%OCC	21	23	28	39	47	49	42	45	35	29	27	17
AVG m/s	6.5	7.8	7.6	8.1	7.8	7.5	6.3	5.9	5.8	6.4	6.4	6.7
MED m/s	6.4	7.5	7.5	8.1	7.8	7.5	6.5	6.2	6.0	6.4	6.3	6.5

Prevailing Wind #2

DIR	NW	NNW	NNW	NNW	WNW	WNW	WNW	NNW	NNW	NNW	NW	NW
%OCC	15	21	19	20	15	16	13	14	18	25	21	13
AVG m/s	7.2	6.8	7.0	7.5	5.6	5.3	4.2	5.7	5.4	6.2	6.8	7.3
MED m/s	7.1	6.7	7.0	7.5	5.6	5.3	3.6	6.2	5.8	6.2	6.7	7.0

Prevailing Wind #3

DIR	N	SSE	WNW	WNW	NNW	NNW	NNW	WNW	WNW	WNW	N	SSE
%OCC	11	9	11	12	13	13	11	14	13	8	8	12
AVG m/s	5.1	8.2	6.1	5.3	7.1	7.0	5.8	3.9	4.1	4.1	4.4	7.8
MED m/s	5.4	7.7	6.1	5.4	7.1	7.2	6.2	3.3	3.5	3.2	3.8	7.7

Prevailing Wind #4

DIR	SSE	WNW	SSE	SSE	SSE	W	S	W	SSE	SSE	SSE	N
%OCC	8	7	8	6	5	5	8	5	5	7	8	9
AVG m/s	7.5	6.7	7.1	6.1	5.1	3.0	3.4	2.5	3.9	5.0	6.6	5.0
MED m/s	7.4	6.4	6.9	5.8	5.3	2.7	3.0	2.3	3.4	5.1	6.4	5.3