

SMITH ISLAND, WA, United States of America

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation ft	Standard Station Pressure psi	Winter Temperature °F	Summer Temperature °F	Extreme Wind Speed mph	Extreme Wind Direction
48.3206N	122.8310W	50	14.67	30.1	65.9	43.0	SE

Monthly Winds (1994–2019)

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

Prevailing Wind #1

DIR	SE	SE	SE	W	WSW	WSW	WSW	WSW	W	SE	SE	SE
%OCC	21	16	16	19	25	30	35	29	18	14	20	23
AVG mph	21.2	20.3	20.9	15.7	14.2	14.6	14.4	12.6	10.5	17.7	21.8	22.1
MED mph	19.3	18.7	19.2	14.5	13.0	14.4	13.8	11.9	8.1	16.1	19.5	20.6

Prevailing Wind #2

DIR	SSE	SSE	SSE	WSW	W	W	W	W	WSW	W	SSE	ESE
%OCC	13	12	13	15	22	22	21	20	17	11	14	14
AVG mph	20.9	20.7	20.2	13.9	14.7	14.0	12.0	10.6	10.1	14.0	21.9	15.3
MED mph	18.6	18.7	18.4	12.2	12.6	12.5	10.4	9.4	8.4	10.8	19.9	14.6

Prevailing Wind #3

DIR	ESE	ESE	W	SE	SW	SW	SW	SW	SW	SSE	ESE	SSE
%OCC	11	9	11	11	11	13	16	15	10	11	10	12
AVG mph	15.1	14.2	17.3	19.9	12.0	12.4	12.6	11.7	9.8	15.6	14.9	21.5
MED mph	13.4	12.5	15.9	18.5	11.0	11.8	11.7	10.8	8.2	12.6	13.0	19.5

Prevailing Wind #4

DIR	E	N	WSW	SSE	WNW	WNW	SSW	SSW	WNW	WSW	E	E
%OCC	7	7	8	9	8	6	6	7	10	8	6	8
AVG mph	9.9	12.7	14.0	16.6	9.6	9.4	8.5	8.5	7.5	12.1	9.8	9.9
MED mph	9.0	10.1	11.4	14.3	7.6	7.0	7.2	7.4	6.0	9.0	8.4	9.5