

SMITH ISLAND, WA, United States of America

Annual Climatic Design Data (1994–2019)

Latitude	Longitude	Elevation m	Standard Station Pressure kPa	Winter Temperature °C	Summer Temperature °C	Extreme Wind Speed m/s	Extreme Wind Direction
48.3206N	122.8310W	15	101.14	-1.1	18.8	19.2	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 m/s	9.5	9.1	9.4	7.0	6.4	6.5	6.4	5.6	4.7	7.9	9.7	9.9
MED m/s	8.6	8.4	8.6	6.5	5.8	6.4	6.2	5.3	3.6	7.2	8.7	9.2

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 m/s	9.3	9.2	9.0	6.2	6.6	6.3	5.3	4.7	4.5	6.3	9.8	6.9
MED m/s	8.3	8.4	8.2	5.5	5.6	5.6	4.6	4.2	3.8	4.8	8.9	6.5

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 m/s	6.7	6.4	7.7	8.9	5.4	5.6	5.6	5.2	4.4	7.0	6.7	9.6
MED m/s	6.0	5.6	7.1	8.3	4.9	5.3	5.3	4.8	3.7	5.6	5.8	8.7

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 m/s	4.4	5.7	6.2	7.4	4.3	4.2	3.8	3.8	3.3	5.4	4.4	4.4
MED m/s	4.0	4.5	5.1	6.4	3.4	3.1	3.2	3.3	2.7	4.0	3.8	4.2