

DECEMBER 2011

PM 2.5 - 24 Hour averages
ug/m3

Date

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Bellingham	4.9	6.6	6.3	8.9	7.3	8.8	8.7	8.6	9.4	11.7	12.8	7.0	7.6	6.5	6.8	6.1	7.8	4.8	3.6	3.4	7.3	7.7	3.6	4.3	3.5	3.4	1.4	1.7	3.1	2.6	6.4
Mount Vernon	5.4	7.3	8.3	7.9	12.0	10.6	7.8	6.7	8.8	16.0	14.7	11.9	10.5	8.1	7.2	3.2	6.5	4.8	5.1	5.0	7.3	8.6	3.4	3.2	3.0	2.3	1.1	1.8	2.3	3.0	4.0
FCC-Custer	2.6	3.2	3.5	3.7	3.9	4.8	3.3	3.3	3.8	5.9	6.4	2.1	2.9	3.4	3.3	3.5	2.3	3.1	3.0	2.6	2.5	1.7	2.5	2.0	1.7	2.0	1.3	1.4	1.8	1.9	2.1
March Point	4.4	5.7	6.5	6.1	7.4	8.1	8.5	6.3	7.1	12.3	7.4	5.0	5.3	7.2	6.2	3.5	4.4	4.0	6.2	4.9	4.8	3.4	3.9	2.6	3.3	3.1	2.1	2.5	3.1	3.2	2.9
Oak Harbor	5.7	8.8	8.7	9.9	9.6	10.1	7.6	7.8	10.6	12.0	7.7	9.4	7.7	9.3	6.8	6.0	7.3	7.0	8.7	7.0	8.8	8.0	6.8	5.8	5.8	6.2	4.5	5.1	5.6	5.0	6.2
Sierra Pacific	0.6	1.1	0.9	1.5	1.3	0.7	0.5	0.6	3.5	5.3	0.6	5.1	1.1	0.7	0.6	0.8	1.1	0.5	0.6	0.9	0.7	0.3	0.9	1.0	1.0	0.9	0.4	1.3	0.7	0.9	0.8
Columbia Valley	38.7	34.5	27.3	45.9	69.0	64.6	48.9	40.7	72.3	52.6	42.4	31.3	35.5	36.2	39.5	30.4	29.5	13.3	9.6	11.5	31.7	47.8	21.8	24.9	13.2	13.8	6.6	3.4	7.1	6.9	17.2

Good (0 to 15.4)
Moderate (15.5 to 35.4)
Unhealthy for Sensitive Groups (35.5 to 65.4)
Unhealthy (>65.5)

Ozone - 8 hour max
ppb

Date

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FCC-Custer	6	7	6	9	6	0	4	8	5	0	5	21	7	3	6	2	4	13	14	28	21	18	8	14	33	29	31	29	31	35	31
Mount Vernon	5	13	4	11	4	3	5	10	6	2	6	5	3	15	15	21	8	17	14	13	12	5	26	33	35	32	33	31	35	37	37
Bellingham	10	9	5	14	9	2	2	9	9	2	5	10	2	10	5	17	3	9	12	16	17	3	14	24	30	28	29	28	31	30	25

Good (0 to 59)
Moderate (60 to 75)
Unhealthy for Sensitive Groups (76 to 95)
Unhealthy (>95)

Sulfur Dioxide - 1 hour max
ppb

Date

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BP	16	6	7	5	6	5	6	5	7	6	6	5	6	7	6	11	6	6	10	11	6	5	12	6	21	21	20	13	12	10	11
ALCOA	57	2	1	2	2	1	0	0	1	1	1	1	1	0	0	51	51	36	37	26	1	1	1	0	43	44	22	54	23	66	9
FCC-Custer	12	3	2	2	2	2	2	2	2	1	2	1	2	3	2	2	2	5	17	17	2	1	2	2	15	16	21	21	21	17	13
Conoco Phillips	4	5	3	7	3	4	3	2	3	4	23	5	4	4	2	3	3	3	4	5	3	3	3	2	3	3	4	3	3	3	3
March Point	3	5	3	5	5	3	5	6	13	4	11	12	9	4	4	3	4	3	3	4	5	4	4	4	3	3	3	3	3	3	3
Tesoro	0	13	0	1	0	0	0	0	0	0	8	0	7	4	0	2	0	0	2	2	0	4	6	2	4	3	4	2	0	0	1
Shell	5	4	2	4	3	2	3	3	4	3	5	4	8	11	2	6	3	3	4	7	3	5	9	4	7	5	6	5	3	3	3
General Chemical	6	27	4	6	7	4	5	5	5	5	10	8	7	5	4	5	8	10	5	13	14	6	7	4	7	6	6	5	4	4	5

Good (0 to 35)
Moderate (36 to 75)
Unhealthy for Sensitive Groups (76 to 185)
Unhealthy (>185)

Carbon Monoxide - 1 hour max
ppb

Date

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FCC-Custer	263	290	275	316	321	351	320	286	280	453	463	262	300	312	323	340	275	266	257	227	250	217	274	232	181	210	218	196	197	172	222