

November 2013

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
Bellingham-Yew	11.3	4.7	7.3	11.9	9.4	13.1	5.2	7.8	10.3	12.6	9.6	11.5	8.2	7.5	3.5	5.3	5.3	5.2	7.9	9.8	11.9	17.8	22.8	19.5	14.4	17.8	14.5	16.5	15.0	8.9
Mount Vernon	9.6	3.4	7.1	6.8	5.2	6.3	2.5	3.6	6.1	4.8	7.3	5.3	4.9	5.2	4.7	4.3	4.4	2.8	2.8	6.2	7.6	9.0	11.5	12.7	12.3	11.0	9.6	10.5	10.0	4.1
FCC-Custer	0.5	0.5	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.7	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
March Point	3.5	1.3	3.1	2.6	1.8	2.7	1.0	1.3	1.7	1.9	2.7	2.8	1.5	1.8	1.7	1.3	1.6	1.3	0.8	2.2	3.0	3.0	3.9	4.1	4.1	3.8	2.9	3.1	4.6	2.2
Anacortes	9.4	3.4	7.8	6.4	5.8	8.8	3.6	4.0	5.8	4.2	7.7	7.9	4.3	4.8	4.1	3.4	3.9	5.9	2.2	6.2	11.0	7.6	10.2	12.0	16.2	12.1				
Sierra Pacific	10.9	4.5	7.4	7.9	7.5	9.8	3.2	5.4	7.5	5.4	6.9	8.0	6.2	5.5	3.9	2.0	4.6	4.0	2.4	5.3	7.5	9.3	12.5	14.1	18.2	13.5	12.7	14.8	12.8	7.9
Oak Harbor	3.5	2.3	5.9	5.9	3.9	5.6	2.2	3.0	4.7	3.9	4.3	4.2	3.4	3.5	3.3	3.1	2.8	2.6	2.1	4.7	5.6	7.1	10.4	11.3	11.5	7.6	7.5	8.8	7.8	1.6
Columbia Valley	4.4	2.4	11.5	12.8	7.5	7.9	4.1	4.2	10.8	9.4	15.4	7.9	3.0	4.8	2.6	4.0	3.6	3.7	10.6	36.3	57.2	66.2	73.1	69.1	60.7	70.2	41.1	38.5	9.2	3.3

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

Color coding based on federal Air Quality Index

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
FCC-Custer	17	26	20	16	19	13	29	28	15	15	22	17	25	24	28	30	29	28	38	29	19	21	16	10	7	6	13	7	8	20
Anacortes	14	31	30	20	26	16	34	34	16	16	16	19	29	31	34	36	33	22	35	33	19	22	20	12	7	6	10	11	6	18
Mount Vernon	16	27	22	14	22	16	34	32	19	5	5	20	24	19	28	30	29	25	28	22	18	9	8	8	5	2	8	4	5	28

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

Color coding based on federal Air Quality Index

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
BP	3	2	2	2	1	2	6	2	2	1	2	9	4	2	3	2	5	2	2	1	1	2	2	2	2	2	2	2	4	4
ALCOA	22	2	2	2	2	1	4	21	3	2	2	6	39	3	19	3	50	12	3	3	4	4	4	5	4	4	4	4	7	4
FCC-Custer																														
Phillips 66	3	3	2	2	2	2	3	3	2	3	2	3	3	3	3	4	4	3	17	8	2	4	3	5	3	3	3	2	3	2
March Point	3	3	5	3	3	3	3	3	3	4	8	4	3	3	3	3	3	3	7	5	5	10	8	10	5	4	9	4	4	4
Tesoro	4	10	0	0	0	3	8	0	0	0	1	9	1	0	3	0	7	2	0	0	0	0	0	0	0	0	0	0	0	13
Shell	5	3	2	0	1	2	2	2	12	3	3	5	5	0	1	0	2	1	1	2	1	1	1	1	1	1	1	0	3	1
Anacortes	0.7	1.2	0.9	2.5	2.3	2.1	0.8	0.6	0.8	0.8	1.4	1.2	0.5	0.7	0.6	0.7	1.0	4.5	0.7	1.2	1.9	1.6	1.1	2.1	2.4	1.7	1.9	1.3		
General Chemical	9	10	14	8	8	7	6	11	11	13	10	9	10	14	10	16	9	9	22	15	12	11	16	13	9	10	13	9	10	9

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

Color coding based on federal Air Quality Index

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
FCC-Custer	261	162	232	243	271	263	231	310	247	222	190	281	252	264	230	182	222	229	175	253	298	333	389	402	298	268	329	342	334	359

Color coding based on federal Air Quality Index