

December 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	31	
Bellingham-Yew	5.7	4.8	5.1	9.2	10.1	6.0	12.9	15.4	13.1	15.8	15.2	9.3	10.7	9.9	7.8	10.6	9.7	5.2	6.8	5.6	13.8	8.6	4.5	8.2	9.4	9.1	6.0	11.7	9.5	10.1	8.3	
Mount Vernon	2.6	3.4	5.8	6.6	8.4	11.5	8.4	10.5	14.3	9.4	7.2	6.5	1.3	0.1	0.1	0.8	1.0	0.2	3.1	3.2	5.2	3.4	2.4	4.9	5.8	8.8	6.0	4.5	6.6	6.9	5.7	
FCC-Custer	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.5
March Point	1.0	1.0	2.2	2.4	2.4	2.4	2.3	3.1	3.5	3.3	1.7	2.3	3.4	1.5	1.4	1.8	3.3	1.2	1.6	1.2	1.9	0.7	0.9	1.7	1.4	3.2	2.6	1.5	2.8	3.2	3.6	
Anacortes																		3.0	4.3	4.9	4.9	2.0	3.3	7.0	4.7	11.9	9.7	5.3	6.7	10.5	9.1	
Sierra Pacific	4.8	2.0	4.8	6.3	8.0	8.1	4.5	6.7	11.9	11.9	9.0	7.3	10.0	7.6	6.1	9.6	7.3	4.0	4.7	4.4	5.6	6.4	4.9	4.6	4.6	9.9	6.8	6.4	6.8	9.1	8.9	
Oak Harbor	1.7	2.8	4.7	5.9	6.2	4.6	5.7	7.3	8.5	8.1	5.4	5.8	1.8	1.7	2.5	5.6	6.3	2.9	4.1	1.9	2.7	1.5	2.1	5.7	4.2	7.9	4.8	4.3	5.9	5.7	1.5	
Columbia Valley	2.2	6.5	10.7	16.3	25.9	10.8	20.5	41.7	20.5	21.0	50.7	49.6	15.3	9.7	2.9	17.3	14.8	7.5	18.8	8.9	16.9	18.0	4.1	7.3	16.6	9.8	8.6	6.7	8.2	9.5	5.0	

Good (0 to 12.0)
 Moderate (12.1 to 35.4)
 Unhealthy for Sensitive Groups (35.5 to 55.4)
 Unhealthy (55.5 to 150.4)

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	31
FCC-Custer	36	37	28	32	30	31	34	27	11	9	7	10	14	20	24	20	2	37	31	20	9	10	33	26	10	12	23	26	11	6	
Anacortes	41	42	31	23	30	48	46	25	27	21	11	23	21	20	29	30	8	39	38	35	21	17	38	33	20	11	29	20	11	6	14
Mount Vernon	36	41	17	25	8	26	26	19	21	9	3	29	26	25	27	15	1	29	20	28	7	6	35	29	9	4	22	21	5	1	15

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	31
BP	6	2	1	1	1	1	2	1	2	1	1	1	2	3	4	4	3	3	2	1	2	1	3	2	2	3	2	2	1	2	2
ALCOA	40	4	4	4	3	3	7	5	4	4	4	6	5	32	40	17	7	7	6	4	5	5	37	20	5	5	10	6	6	16	8
FCC-Custer																															
Phillips 66	3	2	2	2	2	2	2	2	2	3	2	16	3	4	3	4	4	8	3	3	3	2	3	2	2	2	3	2	4	4	4
March Point	4	4	8	4	3	8	10	4	3	3	3	3	3	2	3	3	3	3	8	3	2	3	2	2	3	3	3	3	4	4	4
Tesoro	2	0	0	0	0	0	1	1	12	2	0	21	5	12	10	0	5	3	0	5	0	0	7	4	0	0	0	0	0	0	1
Shell	1	1	2	1	1	2	3	1	3	1	1	1	2	3	3	1	5	10	6	1	2	2	2	1	2	1	1	1	3	3	4
Anacortes	0.7	1.0	0.8	1.5	1.7	0.9	4.0	3.1	2.7	2.7	2.0	2.5	0.7	0.9		1.2	2.0	0.8	1.3	0.7	1.6	0.7	0.9	1.1	1.3	2.0	1.4	1.2	0.9	1.2	0.8
General Chemical	8	15	11	9	2	4	6	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	2

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	31
FCC-Custer	259	183	151	165	175	163	200	288	327	303	298	304	428	396	239	272	443	313	280	268	414	245	231	257	281	286	294	313	339	233	296

Color coding based on federal Air Quality Index