

December 2012

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		1.7	0.4	1.1	1.8	4.6	4.2	6.4	4.4	3.7	1.6	5.2	3.7	7.2	2.5	1.5	1.2	4.1	0.5	2.0	3.5	2.7	3.3	8.8	5.7	6.7	6.9	8.1	7.8	9.4	10.9
Bellingham-Cornwall	2.6	2.2	2.1	2.1	3.1	2.1	1.9	3.5	3.8	3.1	2.0	4.6	3.0	2.3	1.7	1.6	1.6	2.1	0.8	0.9	2.2	1.8	2.1	5.4	2.3	2.7	3.9	4.3	3.5	4.7	5.6
Mount Vernon	1.7	1.7	1.4	1.9	2.9	2.5	3.0	5.3	3.7	5.4	2.5	2.9	2.6	3.2	1.5	1.6	2.2	2.2	1.3	1.4	3.4	2.2	2.3	2.5	1.6	1.2	3.3	4.1	5.1	5.0	5.3
FCC-Custer	0.7	0.6	0.8	0.6	1.0	0.8	0.8	0.7	0.7	0.6	0.7	0.6	0.8	0.7	1.0	0.7	0.9	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.8	0.7	0.9	0.8	0.8	1.3	1.0
March Point	1.8	1.9	1.5	1.8	2.3	1.9	2.2	3.1	2.1	3.7	2.3	2.9	3.9	3.1	2.1	1.9	2.2	3.2	1.7	1.9	2.0	2.0	2.0	3.6	1.9	1.6	3.1	2.3	3.2	4.3	4.0
Anacortes	5.9	5.6	5.9	6.2	6.6	5.5	5.3	7.7	4.0	8.7	5.9	6.9	7.7	5.8	3.7	2.8	2.8	5.1	2.5	4.0	3.8	4.6	4.3	6.4	2.5	3.8	6.6	7.6	6.2	6.7	6.0
Sierra Pacific	3.8	2.9	4.1	3.5	4.4	4.2	4.3	7.3	5.4	8.0	6.9	6.3	6.5	4.9	4.3	5.1	4.6	3.3	2.5	4.5	6.8	5.3	5.0	6.5	5.0	6.2	6.2	6.3	5.3	7.0	
Oak Harbor	2.0	1.6	1.6	2.4	2.3	1.7	1.9	3.6	1.9	2.5	1.9	3.3	3.3	2.7	1.8	1.7	2.2	2.0	1.7	1.6	2.1	1.9	1.6	1.7	1.7	1.6	1.9	2.2	1.9	3.8	4.1
Columbia Valley	9.9	9.2	15.7	8.2	5.7	7.9	13.0	24.7						32.2	19.6	12.9	9.4	11.6	18.4	14.8	33.1	36.9	37.3	25.9	26.3	31.7	17.1	20.1	31.1	38.0	51.1

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	39	36	33	37	38	31	38	34	25	17	24	22	23	21	28	36	40	35	36	34	31	32	34	18	31	30	18	11	14	22	
Anacortes	39	35	29	33	42	32	37	24	29	23	22	22	21	24	31	35	43	37	34	31	30	36	36	25	35	30	26	18	21	16	18

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	6	6	6	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	5	5	5
ALCOA	23	17	22	37	38	19	12	1	1	5	21	0	1	0	4	26	20	15	1	7	0	6	1	1	0	1	0	0	0	0	1	
FCC-Custer	6	7	7	5	10	9	8	6	3	13	17	3	8	5	10	22	20	14	7	8	2	8	2	2	2	2	2	2	2	2	2	
Conoco Phillips	4	3	3	3	3	3	2	2	2	3	4	4	3	2	3	3	3	3	3	3	2	3	3	2	2	2	2	2	2	2	2	
March Point			2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
Tesoro	8	5	11	6	4	2	1	0	0	5	4	0	3	0	5	3	4	5	10	6	1	6	3	0	0	2	0	0	0	0	0	
Shell	6	5	4	4	8	7	4	4	3	5	4	3	9	5	4	4	4	7	5	5	5	9	5	4	5	7	5	5	5	5	5	
Anacortes	0.0	0.0	0.0	0.4	0.2	0.2	0.2	0.6	0.3	0.3	0.3	1.0	0.4	0.3	0.2	0.2	0.2	0.2	0.5	0.2	0.3	0.6	0.6	0.2	0.1	0.2	0.8	0.5	0.6	1.0	1.5	
General Chemical	8	7	7	9	7	6	8	7	6	8	7	8	7	8	7	7	7	7	9	8	7	10	7	6	6	6	7	6	6	6	8	



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	204	218	202	255	280	317	242	284	226	290	244	279	302	284	241	279	266	286	206	219	186	242	207	223	165	208	298	247	271	262	288