

August 2012

PM 2.5 - 24 Hour averages

Station	Date																														
ug/m3	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	3.5	3.7	4.9	6.2	7.3	7.6	7.5	3.8	4.0	5.3	7.9	8.1	8.5	9.3	5.4	5.9	11.1	8.2	5.0	5.3	4.5	2.9	2.7	3.4	4.4	5.0	2.8	4.2	4.1	3.6	3.7
Bellingham-Cornwall	4.2	4.7	5.0	5.7	7.3	7.1	7.8	3.6	4.5	6.3	8.5	8.8	8.9	9.2	6.5	5.5	10.8	7.9	5.5	5.4	5.1	4.0	3.3	4.4	4.8	6.4	4.3	4.9	5.0	4.0	2.9
Mount Vernon	3.4	3.0	4.0	4.7	5.4	4.7	6.0	3.7	3.4	4.0	5.5	6.3	6.1	4.1	3.3	4.0	6.6	6.0	4.5	3.9	3.5	2.6	2.6	2.9	3.5	4.1	2.5	3.6	3.6	2.9	3.4
FCC-Custer	2.5	2.4	2.5	3.1	4.1	3.5	3.4	2.1	2.7	3.0	3.6	4.2	4.1	4.2	2.4	1.9	2.4	1.7	1.4	1.5	1.7	1.3	1.1	1.5	1.5	1.8	1.0	1.5	1.4	1.2	1.8
March Point	3.6	3.3	3.5	4.1	4.9	4.0	4.2	2.8	3.3	3.8	4.8	5.7	6.6	4.6	2.9	4.4	6.5	3.8	4.1	3.8	3.4	2.9	2.6	3.1	3.6	3.9	2.3	3.4	3.4	2.5	3.1
Anacortes	9.3	9.1	11.0	13.4	15.5	11.4	10.4	7.5	7.6	8.1	9.3	10.7	12.2	8.5	9.0	12.9	14.9	7.1	8.3	7.8	7.3	7.3	9.5	8.4	11.4	10.5	7.8	8.8	9.5	7.8	8.8
Sierra Pacific	2.9	3.4	6.3	9.5	11.3	6.3	5.0	4.8	5.1	5.4	8.9	8.4	9.5	5.5	5.1	10.3	13.8	4.7	3.2	4.5	3.9	2.6	3.1	3.4	7.0	6.9	4.1	5.5	5.8	4.2	
Oak Harbor	2.3	2.1	2.1	2.2	2.5	2.3	2.2	1.7	2.0	2.4	2.9	3.1	4.1	2.4	2.0	3.0	3.3	1.9	1.9	2.3	2.0	1.8	1.9	2.0	2.1	2.4	2.0	2.2	2.1	2.0	2.4
Columbia Valley	4.9	5.4	9.9	13.2	11.8	10.3	9.9	7.2	6.7	11.8	15.9	16.2	11.3	15.7	5.3	8.6	13.5	13.3	11.7	7.8	7.3	5.0	4.1	6.4	9.9	8.7	6.0	5.8	7.1	6.1	7.3

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

Station	Date																														
ppb	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	27	28	29	36	41	25	26	28	33	29	40	39	30	32	34	49	70	30	27	36	25	32	29	31	33	34	37	29	30	33	29
Mount Vernon	30	23	32	40	43	29	23	28	33	26	40	36	33	26	35	51	54	27	29	35	27	35	31	32	33	33	34	29	29	31	27
Anacortes	27	26	22	21	30	26	26	26	19	21	17	22	30	26	33	44	29	26	29	27	29	32	31	27	22	28	34	23	22	24	21

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

Sulfur Dioxide - 1 hour max

Station	Date																														
ppb	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	17	13	8	8	9	18	11	14	6	8	6	6	9	14	6	5	11	14	12	11	19	30	12	14	5	14	10	8	9	15	5
ALCOA	51	19	7	11	7	17	35	20	3	7	3	10	11	7	4	7	10	40	29	7	25	59	35	14	4	75	50	54	33	7	5
FCC-Custer	3	4	2	2	3	3	6	7	2	3	2	3	8	3	2	2	3	5	7	5	5	4	5	5	2	2	3	5	3	2	5
Conoco Phillips	4	4	10	10	5	4	3	3	4	3	6	7	3	4	41	15	7	4	4	4	4	4	4	8	4	5	4	4	4	4	4
March Point	1	2	2	2	5	2	1	1	3	2	3	2	3	1	2	3	8	1	1	2			2	10	8	2	4	3	2	2	3
Tesoro	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	0	0	0	1	0	0	2	1	3	7	0	0	0	0
Shell	2	4	3	3	9	4	2	4	6	4	4	3	9	3	4	4	3	0	0	5	4	-1	2	5	4	8	11	4	5	3	0
Anacortes	0.5	0.6	0.8	0.9	1.7	0.8	0.5	0.5	2.5	0.7	2.1	0.8	0.8	0.5	1.5	2.2	2.0	0.7	0.6	0.7	0.4	0.4	0.8	0.7	1.7	1.0	0.5	0.7	1.0	0.7	0.9
General Chemical	10	15	49	32	11	16	9	12	36	20	40	26	14	16	27	38	17	8	11	14	7	10	7	26	22	8	11	19	14	19	12

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	158	182	252	249	211	265	182	157	170	183	201	223	270	173	216	364	322	227	201	207	184	196	209	399	212	247	234	268	208	203	235