

September 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
Bellingham-Yew	3.5	3.4	4.5	4.8	4.8	4.5	5.5	6.6	4.5	2.2	2.4			7.0	5.5	4.9	6.3	8.2	10.2	10.2										
Bellingham-Cornwall	1.3	1.0	0.7	2.7	6.3	6.4	5.9	9.5	6.2	3.6	4.0	4.8	5.9	7.7	6.6	7.2	8.7	9.7	13.2	15.0	6.7	8.4	9.0	10.0	7.7	10.1	16.3	15.4	7.3	7.5
Mount Vernon	3.5	2.8	3.8	3.7	3.6	3.3	3.6	5.3	3.6	2.4	2.5	2.8	4.5	5.9	4.9	4.0	4.8	6.9	8.2	7.1	6.4	5.7	5.0	5.3	5.8	5.8	9.2	8.9	5.1	4.1
FCC-Custer	1.7	1.6	2.0	2.2	2.4	1.5	1.8	2.3	1.9	1.1	1.3	1.4	1.6	2.5	2.1	1.6	2.1	3.4	4.5	4.6	2.5	2.5	3.1	3.6	3.0	3.0	3.4	4.1	1.7	2.1
March Point	3.1	2.7	3.1	3.6	3.3	3.0	4.0	5.5	3.7	2.5	2.7	2.8	3.8	4.8	5.0	3.9	5.1	6.4	6.6	4.3	4.1	4.7	5.3	4.7	4.9	4.7	6.7	6.6	4.3	3.3
Anacortes	8.5	8.0	8.7	9.7	10.1	9.4	12.8	13.8	8.9	6.5	8.0	8.0	10.0	11.9	12.3	10.6	12.2	14.0	12.1	8.5	10.1	10.3	13.2	11.1	10.4	9.8	13.5	16.5	10.8	10.5
Sierra Pacific	4.7	4.0	5.0	6.5	5.7	7.9	9.5	9.1	4.8	2.4	3.9	4.1	7.2	10.0	7.0	5.3	8.8	11.3	10.8	6.6	4.5	6.4	6.9	6.7	6.5	7.4	14.3	14.5	4.2	4.5
Oak Harbor	2.3	2.1	1.9	2.2	2.3	2.3	2.7	3.1	2.0	2.1	2.0	2.2	2.4	3.4	3.6	2.5	3.2	4.1	3.5	2.5	2.3	3.1	3.2	2.8	2.7	2.5	3.0	3.2	2.4	2.3
Columbia Valley	10.1	9.5	9.9	9.6	10.9	5.3	7.2	8.6	7.4	4.1	5.4	10.2	11.6	14.9	12.7	7.6	9.6	12.2	14.6	18.5	13.4	10.6	11.7	13.9	11.6	15.2	16.8	21.0	11.3	14.9

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
FCC-Custer	30	32	33	34	20	30	41	45	34	33	20	25	23	32	27	28	31	33	32	27	35	33	29	31	27	23	23	28	31	29
Mount Vernon	30	30	29	28	25	26	33	36	33	32	30	23	21	29	33	28	29	28	33	24	22	32	26	26	23	19	23	23	28	26
Anacortes	27	25	23	24	23	22	34	42	41	32	28	27	19	22	26	17	20	15	29	29	31	25	20	21	23	20	11	16	20	13

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
BP	21	11	12	5	6	7	6	12	11	5	5	5	5	5	5	5	5	6	9	9	12	7	5	6	4	5	5	7	5	6
ALCOA	33	34	6	3	7	5	11	33	89	14	2	6	4	3	6	5	5	14	10	20	15	7	7	32	4	63	6	53	4	8
FCC-Custer	11	6	3	2	7	2	2	6	7	7	6	2	2	3	7	2	3	12	6	4	6	10	4	5	6	5	5	11	3	3
Conoco Phillips	4	4	5	4	11	15	62	10	5	4	5	21	22	7	7	5	18	22	17	11	4	4	4	10	4	11	5	6	4	8
March Point	2		2	2	15	2	14		2	2	3	3	19	6	6	2	9	14	3	3	2	2	3	2	3	4	4	3	10	4
Tesoro	0	0	0	3	0	1	0	0	6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Shell	5	9	3	4	4	5	9	11	9	3	6	5	6	6	6	5	8	11	8	9	3	10	5	5	4	8	5	10	6	
Anacortes	0.7	0.8	1.9	1.1	1.0	0.9	2.0	4.7	0.4	0.4	4.4	1.5	2.5	2.4	0.8	1.0	1.0	2.4	0.6	0.8	0.3	0.8	1.0	1.0	0.7	0.5	2.4	1.8	0.7	1.9
General Chemical	15	9	27	39	34	36	25	28	8	12	38	17	44	43	10	41	17	11	10	16	7	7	16	10	15	15	35	11	16	21

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
FCC-Custer	218	212	205	419	295	272	220	232	212	223	191	219	238	265	274	214	283	345	290	267	228	290	211	243	197	220	259	303	218	191