

March 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	2.1	3.1	2.4	3.6	4.8	6.0	3.5	3.7	5.9	5.4	4.9	1.2	1.0	2.4	3.2	3.6	1.2	2.6	4.5	1.4	3.6	2.5	5.3	8.7	6.7	6.6	8.7	9.0	11.1	10.5	10.9
Bellingham-Cornwall	1.2	1.7	1.7	3.1	2.4	2.8	1.1	3.4	4.7	3.8	4.6	1.0	0.6	3.0	1.5	1.1	1.5	1.8	3.6	1.3	2.1	2.1	3.7	5.8	5.7	6.3	5.8	3.9	5.0	6.0	4.4
Mount Vernon	1.9	2.6	3.3	4.0	2.7	3.4	2.9	4.5	6.7	6.4	5.2	2.8	2.7	3.4	2.2	2.3	2.6	2.9	3.0	1.1		3.9	5.2	5.7	5.6	6.4	6.9	6.6	6.0	6.1	4.6
FCC-Custer	1.0	0.9	1.5	1.1	1.1	1.0	0.9	0.8	1.0	0.9	1.0	1.1	0.7	0.9	0.9	1.0	1.2	1.2	1.1	1.0	1.0	1.0	0.9	1.0	0.9	0.8	0.9	0.8	0.9	0.8	0.8
March Point	2.3	2.5	2.3	2.5	2.3	2.1	1.8	2.0	1.9	2.0	1.9	2.0	1.9	2.0	1.8	1.6	1.8	2.1	2.5	1.8	1.5	1.4	1.6	1.6	3.3	3.8	5.0	2.1	1.7	1.6	1.5
Anacortes	5.5	5.8	5.6	7.0	7.4	7.2	7.4	11.4	11.1	9.3	9.7	7.3	7.1	8.7	7.3	5.0	3.8	6.3	10.1	5.5	3.3	5.7	7.4	8.5	9.2	11.0	15.4	14.1	13.0	10.3	11.2
Sierra Pacific	1.7	3.4	4.8	5.5	5.9	4.5	3.8	6.8	10.0	8.8	9.3	4.0	3.2	3.7	4.2	3.0	4.4	5.3	7.9	2.4	2.8	6.9	7.3	6.4	8.5	8.3	11.5	10.8	9.8	8.3	7.3
Oak Harbor	1.9	2.1	2.9	3.5	2.9	2.8	2.5	4.8	5.3	4.8	3.8	1.6	1.9	2.4	2.0	1.9	2.4	2.4	3.0	2.2	2.4	3.2	4.6	5.3	3.7	3.6	4.9	4.9	3.8	3.0	3.4
Columbia Valley	5.6	8.3	19.2	40.1	18.7	14.6	12.1	23.8	45.0	29.0	24.1	10.0	5.0	13.2	8.5	6.9	6.7	9.6	20.4	9.3	8.7	14.0	36.2	42.2	44.5	37.4	30.3	21.2	24.7	33.4	43.5

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	32	40	42	39	38	29	29	28	32	32	34	36	27	25	29	45	46	46	45	48	48	42	47	48	44	39	32	38	38	37	38
Anacortes	28	42	42	26	31	31	28	27	26	37	32	28	29	28	29	46	48	47	41	48	48	47	40	41	41	32	20	29	24	32	30
Mount Vernon	26	42	43	23	27	23	27	24	26	29	27	29	28	28	29	46	46	47	44	44		42	44	41	43	32	25	33	34	33	35

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	4	4	2	2	2	2	2	2	3	2	2	3	7	6	5	3	2	2	2	2	2	2	2	2	2	3	2	3	3	2	2
ALCOA	39	50	2	2	2	1	8	2	5	19	4	23	6	53	16	36	9	30	6	42	25	2	2	8	4	7	7	6	12	4	3
FCC-Custer	3	3	3	3	3	3	3	3	8	3	3	3	3	3	4	4	4	3	3	5	4	5	3	3	3	3	6	11	7	3	3
Conoco Phillips	3	3	3	4	3	7	3	6	3	3	4	4	4	4	4	3	3	3	4	4	8	3	3	4	19	7	7	6	10	11	8
March Point	3	3	4	7	4	3	4	3	4	3	3	4	3	3	3	3	3	3	3	3	3	10	4		4	2	3	1	1	1	3
Tesoro	42	38	0	1	4	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shell	11	19	14	15	7	3	2	10	4	1	8	4	8	8	6	5	1	1	5	2	2	2	3	12	10	12	9	12	13	11	6
Anacortes	0.3	0.4	1.0	2.9	2.8	0.7	0.9	1.5	0.8	0.5	2.0	1.8	0.7	0.6	0.8	0.5	0.4	0.3	0.9	0.9	0.4	0.5	1.0	3.2	3.1	1.2	1.8	2.6	1.9	1.7	2.0
General Chemical	8	8	11	15	11	10	7	24	12	7	7	7	7	7	7	7	7	8	8	7	7	11	12	8	11	9	11	13	11	14	12

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	231	200	242	244	206	229	268	268	314	347	283	290	278	247	281	271	224	248	213	226	261	257	276	255	259	266	322	352	298	286	270

Color coding based on federal Air Quality Index