

September 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
Bellingham-Yew	4.6	5.8	4.6	5.4	6.0	3.7	2.9	4.6	4.8	6.1	7.9	7.8	5.6	12.5	6.4	1.1	4.1	3.4	4.6	3.8	3.3	1.3	1.4	1.9	2.2	2.9	3.6	1.3	0.7	0.1
Bellingham-Cornwall	3.9	4.5	3.9	4.4	4.8	3.4	4.8	4.9	4.2	4.9	4.8	4.9	3.7	6.4	4.4	2.1	3.5	3.9	4.6	4.0	2.1	2.0	2.4	3.9	6.2	19.1	2.5	2.1	4.1	4.3
Mount Vernon	5.2	4.8	4.0	5.7	6.2	3.4	5.1	7.2	5.7	6.7	6.0	5.2	8.7	12.7	9.0	3.5	4.4	4.9	5.4	4.8	4.5	3.2	3.7	3.6	4.0	5.2	3.6	2.2	2.1	3.0
FCC-Custer	0.4	0.3	0.4	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.7	0.4	0.3	0.3	0.3	0.3	1.9	2.3	2.3	2.4	2.2	2.3	2.2	2.5	2.1	2.1	2.1
March Point	4.1	4.0	3.3	4.6	3.7	2.2	3.3	3.6	2.2	2.5	3.5	2.6	3.2	4.6	2.7	1.9	2.4	2.7	2.7	2.5	1.8	2.0	2.3	2.0	2.0	2.6	2.4	1.3	1.2	1.5
Anacortes				10.0	7.8	5.4	7.6	9.0	3.8	4.9	9.5	4.1	4.3	5.5	3.4	2.3	3.7	4.3	5.4	6.5	3.3	3.1	3.0	4.4	4.3	6.5	5.0	2.0	1.7	2.7
Sierra Pacific	8.9	7.3	4.6	8.0	6.0	5.0	6.3	7.1	5.0	6.1	10.1	8.8	5.5	9.1	4.2	2.9	2.6	5.8	9.7	8.7	3.8	3.5	2.5	3.3	5.3	6.9	4.6	2.4	1.7	
Oak Harbor	3.6	3.3	2.6	3.0	2.6	2.6	3.3	3.0	2.6	2.7	4.5	7.4	3.4	3.5	3.4	3.3	3.1	4.4	4.1	4.0	3.3	2.9	3.3	3.0	3.2	4.7	4.5	2.7	2.9	3.0
Columbia Valley	6.1	6.5	3.9	3.1	5.1	4.0	4.0	6.7	5.5	7.0	8.3	7.5	6.4	11.6	7.0	1.4	4.2	6.7	10.1	8.7	2.0		5.4	3.7	5.7	10.1	3.0	1.9	2.5	2.2

Good (0 to 12.0)
 Moderate (12.1 to 35.4)
 Unhealthy for Sensitive Groups (35.5 to 65.4)
 Unhealthy (>65.5)

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
FCC-Custer	37	26	25	14	4	9	27	34	24	14	38	38	26	25	18	22	22	31	29	28	34	32	26	21	18	17	11	35	32	34
Anacortes	28	24	18	22	11	10	14	12	13	18	21	21	25	22	17	27	26	36	23	31	31	33	28	22	22	14	13	40	40	36
Mount Vernon	37	31	20	8	13	15	25	29	28	21	25	29	17	15	13	23	23	34	27	30	34	32	25	23	20	19	18	32	35	31

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
BP	8	3	3	2	2	5	6	3	9	2	2	6	4	2	3	8	13	4	2	2	4	5	9	4	3	11	8	7	5	4
ALCOA	41	17	4	2	1	10	7	2	14	5	5	13	35	3	60	15	10	27	2	22	37	42	52	8	1	15	11	9	22	75
FCC-Custer	6	8	4	4	2	3	2	8	8	2	3	8	25	3	3	3	7	5	3	6	8	18	4	3	3	5	3	4	4	5
Phillips 66	4	3	7	8	4	4	4	3	3	6	12	4	4	3	4	4	4	4	7	4	4	4	3	4	5	4	4	4	4	4
March Point	3	2	3	2	2	2	2	4	3	2	12	3	2	2	2	2	2	3	3	3	2	2	2	2	2	5	2	2	2	2
Tesoro	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	8	0	0	0	1	13	13	19	7
Shell	1	4	1	1	2	2	2	5	1	1	3	16	1	1	1	4	5	1	26	2	2	11	7	3	1	6	7	6	8	10
Anacortes	2.8	2.1	2.2	1.6	1.6	2.0	2.0	3.2	2.2	2.1	3.1	1.7	1.8	1.8	1.7	1.2	1.1	0.5	1.2	1.2	0.8	0.8	0.9	1.1	0.9	5.7	1.6	0.7	1.3	0.5
General Chemical	9	10	12	13	18	5	12	12	10	38	17	7	4	7	7	7	7	5	4	10	11	4	4	9	15	5	5	3	4	6

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
FCC-Custer	247	316	248	266	288	225	221	279	205	207	229	229	207	217	254	216	222	171	191	245	210	207	329	172	191	205	227	218	209	219

Color coding based on federal Air Quality Index