

August 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	8.7	4.8	6.7	9.3	11.1	8.2	7.6	5.8	8.3	7.1	5.6	4.3	4.7	7.6	6.4	5.7	3.2	2.9	2.4	3.6	4.4	5.6	1.8	2.0	2.6	2.5	2.3	4.4	3.9	4.8	4.8	
Bellingham-Cornwall	7.5	2.3	4.4	5.7	11.8	4.7	3.4	2.8	4.2	3.6	4.2	3.6	4.6	5.7	4.2	4.9	3.5	4.0	5.1	5.0	4.6	5.3	3.0	3.0	3.3	3.4	2.1	3.6	3.1	4.8	4.0	
Mount Vernon	5.9	3.4	5.5	7.0	6.5	4.7	3.7	3.1	4.1	4.3	4.8	3.9	4.8	5.8	5.6	5.2	3.6	4.0	4.9	4.7	4.3	5.2	3.3	2.9	3.8	3.8	2.9	5.1	3.6	4.3	4.8	
FCC-Custer	0.8	0.4	0.5	0.6	0.6	0.7	0.7	1.0	0.6	0.5	0.7	0.6	0.6	0.8	0.4	0.5	0.6	1.3	1.0	0.9	0.8	0.8	0.4	0.3	0.4	0.4	0.4	0.4	0.8	0.4	0.5	
March Point	2.9	2.3	3.3	3.7	3.2	2.3	1.9	2.3	1.9	2.5	2.7	2.8	3.2	4.0	3.8	3.1	2.4	3.0	3.7	3.5	3.1	3.3	2.1	3.4	3.1	2.8	3.9	3.7	3.7	5.1	4.1	
Anacortes																																
Sierra Pacific	3.7	3.6	6.5	12.0	12.1	9.5	5.9	10.3	23.3	21.2	9.7	6.2	8.8	18.8	19.2	12.0	4.7	4.1	5.4	6.1	7.0	9.0	4.6	4.8	4.7	5.8	5.4	8.1	4.1	5.9	4.9	
Oak Harbor	4.0	1.5	3.3	4.8	3.9	2.4	2.3	2.7	2.3	3.3	2.6	3.2	3.5	2.5	1.4	2.0	2.0	2.6	3.4	3.0	2.9	3.0	1.7	1.9	2.4	2.4	1.7	2.0	1.6	3.2	2.8	
Columbia Valley	9.6	2.4	4.5	8.4	7.7	5.7	4.9	3.4	5.2	5.0	5.1	5.3	5.6						5.3	4.8	5.8	6.2	4.7	2.6	3.5	3.7	2.9	2.8	1.6	5.2	5.5	

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	18	14	26	34	36	32	35	28	42	29	28	32	36	28	14	33	26	25	31	27	21	38	20	30	32	29	27	23	18	31	26
Anacortes	21	19	17	21	23	22	18	18	18	20	25	22	25	17	8	21	22	28	31	25	24	23	20	24	20	29	24	20	22	26	24
Mount Vernon	15	14	26	29	30	32	32	23	26	20	26	28	34	25	12	30	24	29	31	29	31	37	22	31	27	28	25	22	23	35	26

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	9	6	3	2	4	11	7	9	9	8	12	4	10	2	4	4	5	9	8	3	2	8	9	4	7	14	4	4	8	4	2
ALCOA	55	22	13	6	7	11	15	35	13	30	59	35	25	10	19	15	40	31	45	7	7	6	59	28	18	78	27	23	26	37	2
FCC-Custer	11	12	4	3	6	10	11	19	14	8	9	6	5	2	4	9	25	11	10	5	2	3	8	6	7	8	5	2	8	5	2
Phillips 66	3	2	2	5	4	3	4	3	8	4	3	3	3	3	3	3	4	4	4	3	6	7	4	3	4	5	4	4	4	5	3
March Point	2	2	2	2	2	2	2	3	7	3	2	2	5	3	2	2	2	3	19	4	4	6	2	2	7	3	3	16	2	2	3
Tesoro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	13	13	0	12	9	0
Shell	4	2	1	2	5	20	6	2	3	2	2	1	4	9	2	1	2	2	5	7	3	3	3	1	3	4	5	3	2	3	2
Anacortes	1.3	1.4	1.7	1.9	1.2	1.3	1.3	1.4	2.4	1.4	1.2	1.6	1.6	3.1	2.0	3.2	1.5	1.5	2.0	2.3	2.8	4.4	1.4	3.4	2.4	2.0	2.0	1.7	2.0	2.1	1.7
General Chemical	9	5	21	21	14	7	9	12	18	10	6	12	24	5	2	10	4	10	6	32	25	10	8	17	11	10	28	6	4	28	25

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	211	178	198	208	199	227	216	188	298	206	165	163	147	189	186	202	168	157	177	162	177	295	188	179	183	192	174	189	210	197	184

Color coding based on federal Air Quality Index