

October 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	0.7	0.1														2.7	10.9	14.4	17.6	19.6	16.7	11.5	12.6	10.6	13.9	18.1	8.2	6.9	12.4	12.3	7.5
Bellingham-Cornwall	4.0	4.8																													
Mount Vernon	2.4	2.9	3.7	5.1	5.5	5.3	3.3	4.3	4.7	6.3	7.8	8.6	7.7	8.3	9.2	10.5	9.8	8.2	11.3	13.4	11.4	9.1	7.1	7.7	7.9	9.1	4.9	3.5	9.9	7.1	7.5
FCC-Custer	2.0	2.1	2.1	2.2	2.1	2.1	2.0	2.0	1.9	2.0	2.1	1.9	1.8	1.8	1.8	1.7	1.7	1.7	1.5	1.6	1.6	1.3	0.7	0.7	0.7	0.7	0.6	0.5	0.6	0.6	0.5
March Point	1.4	1.4	2.1	2.3	2.3	2.5	1.4	1.8	1.6	2.4	2.9	3.9	4.0	4.1	4.5	4.7	4.0	3.0	3.2	4.7	4.1	2.8	2.9	2.2	3.7	4.1	2.1	1.6	4.1	3.4	2.7
Anacortes	2.3	2.6	5.0	6.0	5.6	6.5	3.8	3.8	5.0	7.3	9.0	10.7	8.9	9.2	10.4	10.6	10.5	8.9	9.0	13.2	11.5	6.0	7.6	6.0	9.8	11.3	3.9	4.0	13.1	8.3	8.5
Sierra Pacific	2.6	3.0	5.4	5.7	8.2	8.5	3.4	3.6	5.2	7.8	8.6	10.7	8.3	8.3	9.5	10.2	10.6	8.2	10.5	12.2	8.4	6.1	6.9	5.4	9.6	10.5	5.9	7.4	15.2	15.4	9.6
Oak Harbor	2.2	1.9	2.8	3.5	4.1	4.4	2.2	3.7	3.6	5.1	5.2	5.2	6.5	6.5	6.6	6.4	7.0	4.8	5.1	7.6	7.1	4.6	5.4	4.1	3.4	6.1	2.6	3.1	6.4	5.4	2.8
Columbia Valley	2.8	3.5	8.5	10.7	10.3	13.5	2.3	12.1	15.3	9.0	19.3	17.8	27.1	34.4	24.0	18.0	18.2	29.5	22.5	10.2	12.4	19.6	29.3	25.4	9.5	14.0	5.8			15.4	

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	26	19	15	10	20	38	37	29	15	14	9	14	19	12	8	10	8	5	10	10	3	1	2	3	4	15	16	30	28	13	17
Anacortes	28	23	18	8	18	42	41	32	26	14	14	18	16	17	11	17	13	10	16	15	12	5	5	9	11	16	24	30	21	16	17
Mount Vernon	27	22	15	9	15	40	38	28	16	9	6	15	15	13	10	9	11	7	9	7	3	2	3	5	8	15	17	23	14	24	25

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	5	5	2	2	2	3	7	2	4	3	5	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	6	5	7
ALCOA	46	1	2	3	1	72	63	2	11	1	12	2	5	1	4	2	2	6	1	1	1	2	3	7	5	2	4	2	17	51	4
FCC-Custer	8	3	5	3	3	3	4	3	6	7	4	4	3	3	7	3	3	3	3	3	3										
Phillips 66	4	3	2	4	8	4	4	13	4	4	7	3	4	3	4	4	4	5	4	3	6	6	7	4	3	6	6	3	3	3	3
March Point	2	2	4	4	13	2	2	4	3	2	3	3	4	3	4	3	5	4	2	2	3	4	5	3	4	4	19	18	3	3	3
Tesoro	37	14	4	2	0	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	0	2	0	0	7	10
Shell	8	5	5	2	5	8	7	1	2	1	3	1	3	2	2	2	1	2	1	1	1	1	3	5	4	3	3	4	2	6	1
Anacortes	1.7	0.7	1.3	2.6	3.9	2.3	0.4	0.5	3.5	1.3	3.4	1.7	2.6	2.0	1.8	1.0	1.4	2.6	1.0	0.9	1.9	1.6	1.4	1.4	1.3	0.8	0.8	0.6	2.3	1.1	0.8
General Chemical	3	2	2	2	15	3	1	15	11	14	12	24	7	21	20	19	7	9	8	7	13	9	10	8	11	15	14	11	15	9	8

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	184	267	332	302	251	223	191	234	278	314	317	322	279	328	289	286	393	377	276	319	354	322	345	371	268	236	142	334	365	282

Color coding based on federal Air Quality Index