

March 2014

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 | 7.5 | 8.6 | 7.0 | 9.1 | 11.0 | 9.0 | 10.8 | 8.4 | 11.6 | 12.7 | 11.7 | 12.4 | 16.8 | 12.1 | 11.8 | 9.4 | 11.4 | 12.9 | 11.1 | 11.7 | 12.5 | 13.8 | 16.1 | 15.1 | 10.9 | 10.7 | 9.9 | 8.3 | 9.3 | 9.0 | 10.9 | |
| Mount Vernon | 3.8 | 1.4 | 1.1 | 5.5 | 3.3 | 1.0 | 0.8 | 0.8 | 2.7 | 2.8 | 3.6 | 4.0 | 6.2 | 2.4 | 1.7 | 1.0 | 2.1 | 2.4 | 1.8 | 2.2 | 3.0 | 3.5 | 3.4 | 4.2 | 2.9 | 1.4 | 1.1 | 0.6 | 0.7 | 2.0 | 2.5 | |
| FCC-Custer | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.8 | 0.5 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.4 | 0.5 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | |
| March Point | 2.0 | 1.6 | 1.1 | 1.8 | 1.8 | 1.3 | 1.0 | 1.0 | 1.5 | 1.5 | 4.1 | 1.8 | 2.7 | 1.7 | 1.5 | 0.9 | 1.3 | 1.6 | 1.5 | 1.1 | 1.4 | 1.8 | 2.2 | 2.6 | 2.0 | 1.2 | 1.3 | 0.8 | 1.0 | 1.4 | 1.6 | |
| Anacortes | 4.3 | 2.6 | 3.1 | 5.3 | 4.9 | 3.5 | 2.7 | 2.6 | 4.4 | 4.4 | 5.6 | 6.2 | 6.9 | 4.5 | 3.8 | 2.3 | 4.8 | 4.2 | 3.7 | 3.0 | 3.5 | 4.5 | 5.4 | 7.2 | 4.8 | 3.8 | 3.7 | 2.6 | 3.1 | 4.1 | 3.7 | |
| Sierra Pacific | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oak Harbor | 4.0 | 2.0 | 1.9 | 2.4 | 1.7 | 2.1 | 2.3 | 1.9 | 1.5 | 2.3 | 3.5 | 3.5 | 4.6 | 2.8 | 2.5 | 1.5 | 3.0 | 2.9 | 2.1 | 2.2 | 2.9 | 3.5 | 3.6 | 3.5 | 3.1 | 1.7 | 2.0 | 1.9 | 1.9 | 2.0 | 2.7 | |
| Columbia Valley | 6.3 | 4.9 | 4.3 | 8.2 | 4.8 | 2.1 | 4.1 | 5.9 | 3.3 | 6.1 | 13.2 | 21.4 | 15.6 | 5.8 | 4.2 | 1.7 | 7.0 | 7.9 | 3.3 | 9.3 | 18.6 | 20.2 | 12.5 | 19.3 | 4.8 | 3.4 | 3.6 | 3.1 | 2.5 | 2.9 | 12.8 | |

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 | 45 | 39 | 31 | 27 | 23 | 36 | 33 | 27 | 35 | 32 | 36 | 30 | 25 | 41 | 29 | 37 | 41 | 30 | 43 | 41 | 33 | 31 | 33 | 37 | 39 | 39 | 30 | 29 | 36 | 40 | 39 |
| Anacortes | 56 | 34 | 33 | 36 | 29 | 38 | 32 | 30 | 35 | 35 | 35 | 19 | 24 | 43 | 42 | 40 | 40 | 32 | 44 | 42 | 37 | 31 | 37 | 34 | 51 | 48 | 32 | 48 | 46 | 41 | 44 |
| Mount Vernon | 26 | 29 | 33 | 30 | 26 | 38 | 34 | 31 | 37 | 35 | 34 | 25 | 19 | 42 | 38 | 34 | 40 | 32 | 44 | 43 | 34 | 34 | 35 | 29 | 37 | 41 | 32 | 36 | 38 | 39 | 33 |

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 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 2 | 4 | 2 | 2 | 5 | 3 | 3 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 4 | 7 | 2 | 4 | 5 | 3 | 2 |
| ALCOA | 1 | 1 | 28 | 4 | 3 | 34 | 48 | 4 | 18 | 4 | 4 | 21 | 6 | 11 | 9 | 16 | 4 | 8 | 8 | 3 | 5 | 3 | 3 | 5 | 9 | 33 | 4 | 11 | 13 | 28 | 4 |
| FCC-Custer | | | | | | | | 0.2 | 7.6 | 0.4 | 0.6 | 4.1 | 3.4 | 7.7 | 3.0 | 6.2 | 2.5 | 11.9 | 7.6 | 10.6 | 0.4 | 0.2 | 0.5 | 0.3 | 1.7 | 1.6 | 0.3 | 2.1 | 1.7 | 1.6 | 0.2 |
| Phillips 66 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 6 | 5 | 3 | 3 | 3 | 3 | 3 | 4 | 5 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 |
| March Point | 14 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 11 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 3 | 11 | 2 | 1 | 1 | 1 | 1 | 3 | |
| Tesoro | 0 | 0 | 5 | 0 | 0 | 8 | 9 | 22 | 0 | 0 | 0 | 2 | 10 | 9 | 19 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 17 | 5 | 11 | 20 | 8 | 2 | 0 |
| Shell | 4 | 7 | 3 | 3 | 10 | 1 | 2 | 2 | 1 | 8 | 3 | 20 | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 3 | 7 | 1 | 1 | 3 | 2 | 1 | 8 | 7 |
| Anacortes | 0.8 | 0.5 | 0.8 | 1.1 | 1.0 | 0.5 | 1.0 | 1.1 | 0.6 | 0.6 | 1.0 | 6.4 | 1.1 | 0.5 | 2.0 | 0.3 | 0.4 | 1.5 | 0.6 | 0.4 | 1.0 | 3.5 | 1.1 | 1.6 | 2.1 | 1.5 | 1.5 | 1.5 | 0.8 | 0.9 | 2.0 |
| General Chemical | 5 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 6 | 4 | 8 | 18 | 9 | 2 | 2 | 2 | 5 | 2 | 4 | 9 | 29 | 3 | 13 | 4 | 3 | 2 | 4 | 2 | 3 | 2 | 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 | | | | | | | | | | 198 | 249 | 254 | 273 | 317 | 280 | 248 | 237 | 221 | 246 | 271 | 275 | 252 | 238 | 222 | 241 | 235 | 245 | 264 | 229 | 250 | 184 |