

SEPTEMBER 2011

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 | 5.9 | 5.3 | 6.6 | 6.3 | 4.9 | 5.9 | 5.6 | 5.9 | 6.5 | 6.9 | 8.4 | 8.9 | 5.9 | 6.4 | 3.9 | 4.0 | 3.9 | 3.4 | 4.2 | 5.6 | 5.2 | 4.0 | 4.0 | 4.7 | 2.4 | 1.7 | 3.2 | 3.8 | 4.2 | 4.0 |
| Mount Vernon | 7.0 | 4.9 | 6.3 | 5.4 | 4.4 | 5.4 | 5.4 | 5.6 | 6.0 | 6.6 | 7.9 | 8.5 | 5.6 | 7.2 | 4.5 | 4.1 | 4.1 | 3.1 | 4.3 | 5.3 | 5.4 | 3.7 | 3.4 | 3.7 | 2.3 | 1.9 | 3.0 | 4.0 | 4.3 | 3.6 |
| FCC-Custer | 2.2 | 1.7 | 1.9 | 1.6 | 1.6 | 1.0 | 1.6 | 2.0 | 2.2 | 2.6 | 2.8 | 3.0 | 2.1 | 2.0 | 1.3 | 1.3 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| March Point | 4.8 | 4.1 | 4.9 | 4.6 | 2.8 | 3.5 | 3.9 | 4.5 | 4.3 | 4.1 | 4.8 | 4.8 | 3.4 | 4.5 | 3.6 | 3.3 | 3.2 | 2.5 | 3.8 | 4.4 | 4.2 | 3.0 | 2.5 | 3.1 | 2.1 | 2.0 | 2.6 | 3.1 | 3.0 | 2.9 |
| Oak Harbor | 3.4 | 2.8 | 3.1 | 3.3 | 2.2 | 2.3 | 2.6 | 3.1 | 2.6 | 2.6 | 3.0 | 2.9 | 2.4 | 3.0 | 2.7 | 3.1 | 2.5 | 2.3 | 2.9 | 3.5 | 3.7 | 2.0 | 1.9 | 1.9 | 1.9 | 1.7 | 2.3 | 2.6 | 2.6 | 2.4 |
| Sierra Pacific | 0.0 | 0.1 | 0.3 | 0.4 | 0.2 | 0.1 | 0.2 | 0.6 | 0.2 | 0.0 | 0.2 | 0.0 | 1.1 | 1.2 | 0.5 | 1.6 | 0.1 | 0.5 | 0.6 | 0.6 | 0.0 | 0.0 | 0.1 | 0.1 | 0.3 | 0.5 | 0.0 | 0.3 | 0.4 | |

Good (0 to 15.4)
 Moderate (15.5 to 35.4)
 Unhealthy for Sensitive Groups (35.5 to 65.4)
 Unhealthy (>65.5)

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 | 23 | 31 | 30 | 38 | 25 | 27 | 33 | 35 | 36 | 34 | 38 | 31 | 25 | 21 | 20 | 25 | 23 | 20 | 24 | 21 | 14 | 18 | 22 | 14 | 35 | 22 | 32 | 22 | 21 | 20 |
| Mount Vernon | 23 | 34 | 34 | 37 | 26 | 27 | 33 | 29 | 36 | 31 | 37 | 34 | 26 | 23 | 19 | 29 | 26 | 26 | 31 | 21 | 35 | 18 | 20 | 29 | 38 | 29 | 30 | 21 | 16 | 32 |
| Bellingham | 23 | 29 | 25 | 34 | 19 | 21 | 20 | 26 | 23 | 22 | 22 | 27 | 22 | 19 | 21 | 24 | 22 | 20 | 24 | 17 | 19 | 15 | 23 | 15 | 34 | 26 | 27 | 19 | 9 | 22 |

Good (0 to 59)
 Moderate (60 to 75)
 Unhealthy for Sensitive Groups (76 to 95)
 Unhealthy (>95)

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 | 19 | 6 | 5 | 7 | 25 | 15 | 7 | 12 | 11 | 5 | 6 | 13 | 11 | 11 | 11 | 28 | 16 | 15 | 6 | 5 | 14 | 23 | 15 | 8 | 23 | 16 | 8 | 9 | 19 | 12 |
| ALCOA | 47 | 13 | 3 | 13 | 37 | 20 | 4 | 14 | 8 | 8 | 101 | 44 | 5 | 13 | 35 | 39 | 23 | 17 | 1 | 15 | 33 | 60 | 141 | 23 | 93 | 42 | 94 | 5 | 6 | 19 |
| FCC-Custer | | | | | | | 4 | 2 | 2 | 2 | 3 | 2 | 3 | 5 | 3 | | | | | | | 2 | 2 | 7 | 7 | 2 | 6 | 5 | 4 | 2 |
| Conoco Phillips | 3 | 3 | 18 | 5 | 4 | 3 | 15 | 8 | 7 | 6 | 12 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 30 | 7 | 4 | 3 | 11 | 3 | 3 | 3 | 10 | 14 | 5 |
| March Point | 3 | 12 | 12 | 8 | 3 | 3 | 5 | 7 | 8 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 25 | 10 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 5 | 15 | 6 |
| Tesoro | 0 | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 12 | 4 | 2 | 2 | 0 | 7 | 0 | 0 | 3 | 0 | 3 |
| Shell | 5 | 5 | 6 | 13 | 23 | 6 | 11 | 8 | 8 | 4 | 4 | 5 | 3 | 18 | 6 | 5 | 13 | 10 | 12 | 8 | 8 | 11 | 11 | 4 | 6 | 6 | 4 | 9 | 18 | 6 |
| General Chemical | 8 | 10 | 22 | 13 | 18 | 17 | 34 | 20 | 24 | 33 | 32 | 9 | 11 | 8 | 9 | 8 | 5 | 5 | 11 | 17 | 8 | 5 | 6 | 8 | 8 | 6 | 11 | 12 | 15 | 9 |

Good (0 to 35)
 Moderate (36 to 75)
 Unhealthy for Sensitive Groups (76 to 185)
 Unhealthy (>185)

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 | 240 | 245 | 262 | 295 | 303 | 276 | 286 | 326 | 314 | 343 | 328 | 331 | 319 | 327 | 320 | 309 | 324 | 329 | 335 | 376 | 415 | 379 | 359 | 436 | 430 | 350 | 382 | 406 | 450 | 452 |

