| Timestamp (GMT-4) | Instantaneous VOC Concentration (ppm) | 15-Minute Running Average VOC Concentration (ppm) | Instantaneous Particulate Concentration (mg/m³) | 15-Minute Running Average Particulate Concentration (mg/m³) | Field Notes |
|---|---|---|---|---|---|
| 2/22/2019 7:50 | 0.167 | 0.139 | 0.067 | 0.068 | Start Work, PID and DustTrak calibrated to manufacturers specifications. |
| 2/22/2019 7:51 | 0.173 | 0.143 | 0.067 | 0.068 | |
| 2/22/2019 7:52 | 0.175 | 0.147 | 0.067 | 0.068 | |
| 2/22/2019 7:53 | 0.18 | 0.151 | 0.067 | 0.068 | |
| 2/22/2019 7:54 | 0.181 | 0.155 | 0.067 | 0.068 | |
| 2/22/2019 7:55 | 0.182 | 0.159 | 0.067 | 0.068 | |
| 2/22/2019 7:56 | 0.185 | 0.162 | 0.067 | 0.068 | |
| 2/22/2019 7:57 | 0.19 | 0.166 | 0.067 | 0.068 | |
| 2/22/2019 7:58 | 0.2 | 0.170 | 0.067 | 0.068 | |
| 2/22/2019 7:59 | 0.204 | 0.174 | 0.067 | 0.068 | |
| 2/22/2019 8:00 | 0.205 | 0.178 | 0.067 | 0.068 | |
| 2/22/2019 8:01 | 0.209 | 0.182 | 0.067 | 0.068 | |
| 2/22/2019 8:02 | 0.211 | 0.186 | 0.069 | 0.068 | |
| 2/22/2019 8:03 | 0.214 | 0.190 | 0.069 | 0.068 | |
| 2/22/2019 8:04 | 0.221 | 0.193 | 0.069 | 0.067 | |
| 2/22/2019 8:05 | 0.226 | 0.197 | 0.069 | 0.068 | |
| 2/22/2019 8:06 | 0.23 | 0.201 | 0.069 | 0.068 | |
| 2/22/2019 8:07 | 0.234 | 0.205 | 0.069 | 0.068 | |
| 2/22/2019 8:08 | 0.235 | 0.209 | 0.069 | 0.068 | |
| 2/22/2019 8:09 | 0.246 | 0.213 | 0.069 | 0.068 | |
| 2/22/2019 8:10 | 0.25 | 0.217 | 0.069 | 0.068 | |
| 2/22/2019 8:11 | 0.253 | 0.222 | 0.069 | 0.068 | |
| 2/22/2019 8:12 | 0.254 | 0.226 | 0.069 | 0.069 | |
| 2/22/2019 8:13 | 0.261 | 0.230 | 0.069 | 0.069 | |
| 2/22/2019 8:14 | 0.261 | 0.234 | 0.07 | 0.069 | |
| 2/22/2019 8:15 | 0.267 | 0.238 | 0.069 | 0.069 | |
| 2/22/2019 8:16 | 0.273 | 0.242 | 0.069 | 0.069 | |
| 2/22/2019 8:17 | 0.272 | 0.247 | 0.07 | 0.069 | |
| 2/22/2019 8:18 | 0.275 | 0.251 | 0.07 | 0.069 | |
| 2/22/2019 8:19 | 0.282 | 0.255 | 0.07 | 0.069 | |
| 2/22/2019 8:20 | 0.287 | 0.259 | 0.071 | 0.069 | |
| 2/22/2019 8:21 | 0.286 | 0.262 | 0.072 | 0.070 | |
| 2/22/2019 8:22 | 0.289 | 0.266 | 0.072 | 0.070 | |
| 2/22/2019 8:23 | 0.293 | 0.270 | 0.073 | 0.070 | |
| 2/22/2019 8:24 | 0.296 | 0.273 | 0.073 | 0.070 | |
| 2/22/2019 8:25 | 0.3 | 0.277 | 0.074 | 0.071 | |
| 2/22/2019 8:26 | 0.306 | 0.280 | 0.075 | 0.071 | |
| 2/22/2019 8:27 | 0.308 | 0.284 | 0.075 | 0.072 | |
| 2/22/2019 8:28 | 0.312 | 0.287 | 0.075 | 0.072 | |
| 2/22/2019 8:29 | 0.32 | 0.291 | 0.075 | 0.072 | |
| 2/22/2019 8:30 | 0.316 | 0.294 | 0.077 | 0.073 | |
| 2/22/2019 8:31 | 0.325 | 0.298 | 0.077 | 0.073 | |
| 2/22/2019 8:32 | 0.326 | 0.301 | 0.076 | 0.074 | |
| 2/22/2019 8:33 | 0.328 | 0.305 | 0.077 | 0.074 | |
| 2/22/2019 8:34 | 0.325 | 0.308 | 0.076 | 0.075 | |
| 2/22/2019 8:35 | 0.334 | 0.311 | 0.076 | 0.075 | |
| 2/22/2019 8:36 | 0.341 | 0.315 | 0.076 | 0.075 | |
| 2/22/2019 8:37 | 0.347 | 0.319 | 0.075 | 0.075 | |
| 2/22/2019 8:38 | 0.343 | 0.322 | 0.076 | 0.076 | |
| 2/22/2019 8:39 | 0.345 | 0.325 | 0.076 | 0.076 | |
| 2/22/2019 8:40 | 0.353 | 0.329 | 0.076 | 0.076 | |
| 2/22/2019 8:41 | 0.355 | 0.332 | 0.076 | 0.076 | |
| 2/22/2019 8:42 | 0.354 | 0.335 | 0.076 | 0.076 | |
| 2/22/2019 8:43 | 0.362 | 0.338 | 0.075 | 0.076 | |
| 2/22/2019 8:44 | 0.362 | 0.341 | 0.075 | 0.076 | |
| 2/22/2019 8:45 | 0.363 | 0.344 | 0.074 | 0.076 | |
| 2/22/2019 8:46 | 0.366 | 0.347 | 0.074 | 0.076 | |
| 2/22/2019 8:47 | 0.369 | 0.350 | 0.074 | 0.076 | |
| 2/22/2019 8:48 | 0.368 | 0.353 | 0.074 | 0.075 | |
| 2/22/2019 8:49 | 0.379 | 0.356 | 0.075 | 0.075 | |
| 2/22/2019 8:50 | 0.38 | 0.359 | 0.074 | 0.075 | |
| 2/22/2019 8:51 | 0.377 | 0.362 | 0.075 | 0.075 | |
| 2/22/2019 8:52 | 0.385 | 0.364 | 0.075 | 0.075 | |
| 2/22/2019 8:53 | 0.387 | 0.367 | 0.074 | 0.075 | |
| 2/22/2019 8:54 | 0.391 | 0.370 | 0.074 | 0.075 | |
| 2/22/2019 8:55 | 0.389 | 0.373 | 0.074 | 0.075 | |
| 2/22/2019 8:56 | 0.395 | 0.375 | 0.074 | 0.075 | |
| 2/22/2019 8:57 | 0.396 | 0.378 | 0.074 | 0.074 | |
| 2/22/2019 8:58 | 0.397 | 0.380 | 0.074 | 0.074 | |
| 2/22/2019 8:59 | 0.406 | 0.383 | 0.073 | 0.074 | |
| 2/22/2019 9:00 | 0.411 | 0.386 | 0.073 | 0.074 | |
| 2/22/2019 9:01 | 0.411 | 0.389 | 0.073 | 0.074 | |
| 2/22/2019 9:02 | 0.411 | 0.392 | 0.073 | 0.074 | |
| 2/22/2019 9:03 | 0.413 | 0.395 | 0.072 | 0.074 | |
| 2/22/2019 9:04 | 0.41 | 0.397 | 0.073 | 0.074 | |
| 2/22/2019 9:05 | 0.422 | 0.400 | 0.073 | 0.074 | |

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| 2/22/2019 9:06 | 0.423 | 0.403 | 0.073 | 0.074 | |
| 2/22/2019 9:07 | 0.425 | 0.406 | 0.073 | 0.073 | |
| 2/22/2019 9:08 | 0.424 | 0.408 | 0.072 | 0.073 | |
| 2/22/2019 9:09 | 0.426 | 0.411 | 0.072 | 0.073 | |
| 2/22/2019 9:10 | 0.432 | 0.414 | 0.073 | 0.073 | |
| 2/22/2019 9:11 | 0.43 | 0.416 | 0.072 | 0.073 | |
| 2/22/2019 9:12 | 0.435 | 0.418 | 0.073 | 0.073 | |
| 2/22/2019 9:13 | 0.432 | 0.421 | 0.072 | 0.073 | |
| 2/22/2019 9:14 | 0.437 | 0.423 | 0.072 | 0.073 | |
| 2/22/2019 9:15 | 0.441 | 0.425 | 0.073 | 0.073 | |
| 2/22/2019 9:16 | 0.446 | 0.427 | 0.073 | 0.073 | |
| 2/22/2019 9:17 | 0.455 | 0.430 | 0.074 | 0.073 | |
| 2/22/2019 9:18 | 0.457 | 0.433 | 0.077 | 0.073 | |
| 2/22/2019 9:19 | 0.456 | 0.436 | 0.079 | 0.073 | |
| 2/22/2019 9:20 | 0.46 | 0.439 | 0.075 | 0.074 | |
| 2/22/2019 9:21 | 0.459 | 0.441 | 0.073 | 0.074 | |
| 2/22/2019 9:22 | 0.456 | 0.443 | 0.072 | 0.074 | |
| 2/22/2019 9:23 | 0.458 | 0.445 | 0.072 | 0.074 | |
| 2/22/2019 9:24 | 0.467 | 0.448 | 0.072 | 0.074 | |
| 2/22/2019 9:25 | 0.472 | 0.451 | 0.075 | 0.074 | |
| 2/22/2019 9:26 | 0.472 | 0.454 | 0.073 | 0.074 | |
| 2/22/2019 9:27 | 0.479 | 0.457 | 0.072 | 0.074 | |
| 2/22/2019 9:28 | 0.476 | 0.459 | 0.073 | 0.074 | |
| 2/22/2019 9:29 | 0.469 | 0.462 | 0.078 | 0.074 | |
| 2/22/2019 9:30 | 0.467 | 0.463 | 0.074 | 0.074 | |
| 2/22/2019 9:31 | 0.475 | 0.465 | 0.071 | 0.074 | |
| 2/22/2019 9:32 | 0.474 | 0.467 | 0.09 | 0.075 | |
| 2/22/2019 9:33 | 0.47 | 0.467 | 0.072 | 0.075 | |
| 2/22/2019 9:34 | 0.477 | 0.469 | 0.072 | 0.074 | |
| 2/22/2019 9:35 | 0.474 | 0.470 | 0.078 | 0.075 | |
| 2/22/2019 9:36 | 0.477 | 0.471 | 0.072 | 0.074 | |
| 2/22/2019 9:37 | 0.478 | 0.472 | 0.071 | 0.074 | |
| 2/22/2019 9:38 | 0.479 | 0.474 | 0.069 | 0.074 | |
| 2/22/2019 9:39 | 0.48 | 0.475 | 0.067 | 0.074 | |
| 2/22/2019 9:40 | 0.479 | 0.475 | 0.065 | 0.073 | |
| 2/22/2019 9:41 | 0.479 | 0.476 | 0.071 | 0.073 | |
| 2/22/2019 9:42 | 0.486 | 0.476 | 0.064 | 0.073 | |
| 2/22/2019 9:43 | 0.492 | 0.477 | 0.066 | 0.072 | |
| 2/22/2019 9:44 | 0.489 | 0.478 | 0.064 | 0.071 | |
| 2/22/2019 9:45 | 0.494 | 0.480 | 0.064 | 0.070 | |
| 2/22/2019 9:46 | 0.498 | 0.482 | 0.062 | 0.070 | |
| 2/22/2019 9:47 | 0.498 | 0.483 | 0.064 | 0.068 | |
| 2/22/2019 9:48 | 0.495 | 0.485 | 0.065 | 0.068 | |
| 2/22/2019 9:49 | 0.501 | 0.487 | 0.067 | 0.067 | |
| 2/22/2019 9:50 | 0.5 | 0.488 | 0.066 | 0.067 | |
| 2/22/2019 9:51 | 0.505 | 0.490 | 0.064 | 0.066 | |
| 2/22/2019 9:52 | 0.506 | 0.492 | 0.064 | 0.066 | |
| 2/22/2019 9:53 | 0.506 | 0.494 | 0.064 | 0.065 | |
| 2/22/2019 9:54 | 0.504 | 0.496 | 0.064 | 0.065 | |
| 2/22/2019 9:55 | 0.508 | 0.497 | 0.069 | 0.065 | |
| 2/22/2019 9:56 | 0.509 | 0.499 | 0.068 | 0.065 | |
| 2/22/2019 9:57 | 0.507 | 0.501 | 0.076 | 0.066 | |
| 2/22/2019 9:58 | 0.508 | 0.502 | 0.073 | 0.066 | |
| 2/22/2019 9:59 | 0.511 | 0.503 | 0.071 | 0.067 | |
| 2/22/2019 10:00 | 0.512 | 0.505 | 0.067 | 0.067 | |
| 2/22/2019 10:01 | 0.518 | 0.506 | 0.068 | 0.067 | |
| 2/22/2019 10:02 | 0.523 | 0.508 | 0.065 | 0.067 | |
| 2/22/2019 10:03 | 0.517 | 0.509 | 0.065 | 0.067 | |
| 2/22/2019 10:04 | 0.52 | 0.510 | 0.065 | 0.067 | |
| 2/22/2019 10:05 | 0.522 | 0.512 | 0.066 | 0.067 | |
| 2/22/2019 10:06 | 0.518 | 0.513 | 0.064 | 0.067 | |
| 2/22/2019 10:07 | 0.522 | 0.514 | 0.062 | 0.067 | |
| 2/22/2019 10:08 | 0.528 | 0.515 | 0.066 | 0.067 | |
| 2/22/2019 10:09 | 0.521 | 0.516 | 0.071 | 0.068 | |
| 2/22/2019 10:10 | 0.52 | 0.517 | 0.069 | 0.068 | |
| 2/22/2019 10:11 | 0.525 | 0.518 | 0.067 | 0.068 | |
| 2/22/2019 10:12 | 0.526 | 0.519 | 0.066 | 0.067 | |
| 2/22/2019 10:13 | 0.531 | 0.521 | 0.065 | 0.067 | |
| 2/22/2019 10:14 | 0.523 | 0.522 | 0.064 | 0.066 | |
| 2/22/2019 10:15 | 0.527 | 0.523 | 0.064 | 0.066 | |
| 2/22/2019 10:16 | 0.526 | 0.523 | 0.065 | 0.066 | |
| 2/22/2019 10:17 | 0.524 | 0.523 | 0.065 | 0.066 | |
| 2/22/2019 10:18 | 0.53 | 0.524 | 0.063 | 0.066 | |
| 2/22/2019 10:19 | 0.528 | 0.525 | 0.066 | 0.066 | |
| 2/22/2019 10:20 | 0.531 | 0.525 | 0.061 | 0.065 | |
| 2/22/2019 10:21 | 0.534 | 0.526 | 0.062 | 0.065 | |
| 2/22/2019 10:22 | 0.532 | 0.527 | 0.063 | 0.065 | |
| 2/22/2019 10:23 | 0.527 | 0.527 | 0.06 | 0.065 | |
| 2/22/2019 10:24 | 0.528 | 0.528 | 0.063 | 0.064 | |
| 2/22/2019 10:25 | 0.533 | 0.528 | 0.061 | 0.064 | |
| 2/22/2019 10:26 | 0.529 | 0.529 | 0.06 | 0.063 | |

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| 2/22/2019 10:27 | 0.538 | 0.529 | 0.059 | 0.063 | |
| 2/22/2019 10:28 | 0.53 | 0.529 | 0.063 | 0.063 | |
| 2/22/2019 10:29 | 0.532 | 0.530 | 0.058 | 0.062 | |
| 2/22/2019 10:30 | 0.54 | 0.531 | 0.062 | 0.062 | |
| 2/22/2019 10:31 | 0.537 | 0.532 | 0.061 | 0.062 | |
| 2/22/2019 10:32 | 0.535 | 0.532 | 0.057 | 0.061 | |
| 2/22/2019 10:33 | 0.533 | 0.533 | 0.056 | 0.061 | |
| 2/22/2019 10:34 | 0.533 | 0.533 | 0.056 | 0.060 | |
| 2/22/2019 10:35 | 0.532 | 0.533 | 0.059 | 0.060 | |
| 2/22/2019 10:36 | 0.538 | 0.533 | 0.054 | 0.060 | |
| 2/22/2019 10:37 | 0.536 | 0.533 | 0.053 | 0.059 | |
| 2/22/2019 10:38 | 0.536 | 0.534 | 0.052 | 0.058 | |
| 2/22/2019 10:39 | 0.535 | 0.535 | 0.052 | 0.058 | |
| 2/22/2019 10:40 | 0.536 | 0.535 | 0.05 | 0.057 | |
| 2/22/2019 10:41 | 0.539 | 0.535 | 0.05 | 0.056 | |
| 2/22/2019 10:42 | 0.538 | 0.535 | 0.051 | 0.056 | |
| 2/22/2019 10:43 | 0.538 | 0.536 | 0.051 | 0.055 | |
| 2/22/2019 10:44 | 0.542 | 0.537 | 0.052 | 0.054 | |
| 2/22/2019 10:45 | 0.541 | 0.537 | 0.053 | 0.054 | |
| 2/22/2019 10:46 | 0.544 | 0.537 | 0.05 | 0.053 | |
| 2/22/2019 10:47 | 0.544 | 0.538 | 0.046 | 0.052 | |
| 2/22/2019 10:48 | 0.545 | 0.539 | 0.044 | 0.052 | |
| 2/22/2019 10:49 | 0.552 | 0.540 | 0.043 | 0.051 | |
| 2/22/2019 10:50 | 0.555 | 0.541 | 0.042 | 0.050 | |
| 2/22/2019 10:51 | 0.553 | 0.542 | 0.041 | 0.049 | |
| 2/22/2019 10:52 | 0.558 | 0.544 | 0.041 | 0.048 | |
| 2/22/2019 10:53 | 0.559 | 0.545 | 0.043 | 0.047 | |
| 2/22/2019 10:54 | 0.564 | 0.547 | 0.042 | 0.047 | |
| 2/22/2019 10:55 | 0.567 | 0.549 | 0.042 | 0.046 | |
| 2/22/2019 10:56 | 0.564 | 0.551 | 0.041 | 0.046 | |
| 2/22/2019 10:57 | 0.563 | 0.553 | 0.043 | 0.045 | |
| 2/22/2019 10:58 | 0.565 | 0.554 | 0.044 | 0.045 | |
| 2/22/2019 10:59 | 0.567 | 0.556 | 0.043 | 0.044 | |
| 2/22/2019 11:00 | 0.562 | 0.558 | 0.043 | 0.043 | |
| 2/22/2019 11:01 | 0.564 | 0.559 | 0.042 | 0.043 | |
| 2/22/2019 11:02 | 0.567 | 0.560 | 0.043 | 0.043 | |
| 2/22/2019 11:03 | 0.571 | 0.562 | 0.041 | 0.042 | |
| 2/22/2019 11:04 | 0.568 | 0.563 | 0.042 | 0.042 | |
| 2/22/2019 11:05 | 0.571 | 0.564 | 0.044 | 0.042 | |
| 2/22/2019 11:06 | 0.568 | 0.565 | 0.044 | 0.043 | |
| 2/22/2019 11:07 | 0.57 | 0.566 | 0.045 | 0.043 | |
| 2/22/2019 11:08 | 0.571 | 0.567 | 0.044 | 0.043 | |
| 2/22/2019 11:09 | 0.572 | 0.567 | 0.047 | 0.043 | |
| 2/22/2019 11:10 | 0.575 | 0.568 | 0.042 | 0.043 | |
| 2/22/2019 11:11 | 0.573 | 0.569 | 0.042 | 0.043 | |
| 2/22/2019 11:12 | 0.573 | 0.569 | 0.042 | 0.043 | |
| 2/22/2019 11:13 | 0.569 | 0.569 | 0.042 | 0.043 | |
| 2/22/2019 11:14 | 0.571 | 0.570 | 0.043 | 0.043 | |
| 2/22/2019 11:15 | 0.581 | 0.571 | 0.045 | 0.043 | |
| 2/22/2019 11:16 | 0.571 | 0.571 | 0.049 | 0.044 | |
| 2/22/2019 11:17 | 0.568 | 0.572 | 0.045 | 0.044 | |
| 2/22/2019 11:18 | 0.566 | 0.571 | 0.042 | 0.044 | |
| 2/22/2019 11:19 | 0.563 | 0.571 | 0.042 | 0.044 | |
| 2/22/2019 11:20 | 0.565 | 0.570 | 0.043 | 0.044 | |
| 2/22/2019 11:21 | 0.561 | 0.570 | 0.041 | 0.044 | |
| 2/22/2019 11:22 | 0.559 | 0.569 | 0.041 | 0.043 | |
| 2/22/2019 11:23 | 0.558 | 0.568 | 0.04 | 0.043 | |
| 2/22/2019 11:24 | 0.554 | 0.567 | 0.041 | 0.043 | |
| 2/22/2019 11:25 | 0.555 | 0.566 | 0.04 | 0.043 | |
| 2/22/2019 11:26 | 0.552 | 0.564 | 0.04 | 0.042 | |
| 2/22/2019 11:27 | 0.553 | 0.563 | 0.041 | 0.042 | |
| 2/22/2019 11:28 | 0.556 | 0.562 | 0.04 | 0.042 | |
| 2/22/2019 11:29 | 0.556 | 0.561 | 0.038 | 0.042 | |
| 2/22/2019 11:30 | 0.552 | 0.559 | 0.039 | 0.042 | |
| 2/22/2019 11:31 | 0.551 | 0.558 | 0.037 | 0.041 | |
| 2/22/2019 11:32 | 0.554 | 0.557 | 0.037 | 0.040 | |
| 2/22/2019 11:33 | 0.548 | 0.556 | 0.039 | 0.040 | |
| 2/22/2019 11:34 | 0.546 | 0.555 | 0.04 | 0.040 | |
| 2/22/2019 11:35 | 0.546 | 0.553 | 0.034 | 0.039 | |
| 2/22/2019 11:36 | 0.546 | 0.552 | 0.036 | 0.039 | |
| 2/22/2019 11:37 | 0.544 | 0.551 | 0.036 | 0.039 | |
| 2/22/2019 11:38 | 0.541 | 0.550 | 0.037 | 0.038 | |
| 2/22/2019 11:39 | 0.542 | 0.550 | 0.037 | 0.038 | |
| 2/22/2019 11:40 | 0.544 | 0.549 | 0.038 | 0.038 | |
| 2/22/2019 11:41 | 0.538 | 0.548 | 0.037 | 0.038 | |
| 2/22/2019 11:42 | 0.542 | 0.547 | 0.038 | 0.038 | |
| 2/22/2019 11:43 | 0.549 | 0.547 | 0.043 | 0.038 | |
| 2/22/2019 11:44 | 0.545 | 0.546 | 0.045 | 0.038 | |
| 2/22/2019 11:45 | 0.544 | 0.545 | 0.04 | 0.038 | |
| 2/22/2019 11:46 | 0.549 | 0.545 | 0.039 | 0.038 | |
| 2/22/2019 11:47 | 0.547 | 0.545 | 0.038 | 0.039 | |

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|---|---|---|---|---|---|
| 2/22/2019 11:48 | 0.542 | 0.544 | 0.036 | 0.038 | |
| 2/22/2019 11:49 | 0.534 | 0.544 | 0.034 | 0.038 | |
| 2/22/2019 11:50 | 0.543 | 0.543 | 0.033 | 0.038 | |
| 2/22/2019 11:51 | 0.542 | 0.543 | 0.033 | 0.038 | |
| 2/22/2019 11:52 | 0.539 | 0.543 | 0.033 | 0.037 | |
| 2/22/2019 11:53 | 0.537 | 0.543 | 0.033 | 0.037 | |
| 2/22/2019 11:54 | 0.546 | 0.543 | 0.035 | 0.037 | |
| 2/22/2019 11:55 | 0.54 | 0.543 | 0.037 | 0.037 | |
| 2/22/2019 11:56 | 0.542 | 0.543 | 0.035 | 0.037 | |
| 2/22/2019 11:57 | 0.536 | 0.542 | 0.034 | 0.037 | |
| 2/22/2019 11:58 | 0.537 | 0.542 | 0.033 | 0.036 | |
| 2/22/2019 11:59 | 0.537 | 0.541 | 0.034 | 0.035 | |
| 2/22/2019 12:00 | 0.539 | 0.541 | 0.034 | 0.035 | |
| 2/22/2019 12:01 | 0.538 | 0.540 | 0.034 | 0.034 | |
| 2/22/2019 12:02 | 0.542 | 0.540 | 0.033 | 0.034 | |
| 2/22/2019 12:03 | 0.538 | 0.539 | 0.033 | 0.034 | |
| 2/22/2019 12:04 | 0.546 | 0.540 | 0.033 | 0.034 | |
| 2/22/2019 12:05 | 0.541 | 0.540 | 0.033 | 0.034 | |
| 2/22/2019 12:06 | 0.553 | 0.541 | 0.033 | 0.034 | |
| 2/22/2019 12:07 | 0.549 | 0.541 | 0.032 | 0.034 | |
| 2/22/2019 12:08 | 0.557 | 0.543 | 0.032 | 0.034 | |
| 2/22/2019 12:09 | 0.558 | 0.544 | 0.033 | 0.034 | |
| 2/22/2019 12:10 | 0.566 | 0.545 | 0.034 | 0.033 | |
| 2/22/2019 12:11 | 0.567 | 0.547 | 0.034 | 0.033 | |
| 2/22/2019 12:12 | 0.574 | 0.550 | 0.034 | 0.033 | |
| 2/22/2019 12:13 | 0.576 | 0.552 | 0.034 | 0.033 | |
| 2/22/2019 12:14 | 0.583 | 0.555 | 0.035 | 0.033 | |
| 2/22/2019 12:15 | 0.583 | 0.558 | 0.037 | 0.034 | |
| 2/22/2019 12:16 | 0.585 | 0.561 | 0.031 | 0.033 | |
| 2/22/2019 12:17 | 0.588 | 0.564 | 0.035 | 0.034 | |
| 2/22/2019 12:18 | 0.585 | 0.567 | 0.031 | 0.033 | |
| 2/22/2019 12:19 | 0.59 | 0.570 | 0.032 | 0.033 | |
| 2/22/2019 12:20 | 0.592 | 0.574 | 0.036 | 0.034 | |
| 2/22/2019 12:21 | 0.585 | 0.576 | 0.035 | 0.034 | |
| 2/22/2019 12:22 | 0.584 | 0.578 | 0.034 | 0.034 | |
| 2/22/2019 12:23 | 0.584 | 0.580 | 0.035 | 0.034 | |
| 2/22/2019 12:24 | 0.584 | 0.582 | 0.036 | 0.034 | |
| 2/22/2019 12:25 | 0.582 | 0.583 | 0.034 | 0.034 | |
| 2/22/2019 12:26 | 0.581 | 0.584 | 0.036 | 0.034 | |
| 2/22/2019 12:27 | 0.575 | 0.584 | 0.036 | 0.035 | |
| 2/22/2019 12:28 | 0.572 | 0.584 | 0.034 | 0.035 | |
| 2/22/2019 12:29 | 0.583 | 0.584 | 0.033 | 0.034 | |
| 2/22/2019 12:30 | 0.581 | 0.583 | 0.037 | 0.034 | |
| 2/22/2019 12:31 | 0.569 | 0.582 | 0.035 | 0.035 | |
| 2/22/2019 12:32 | 0.571 | 0.581 | 0.03 | 0.034 | |
| 2/22/2019 12:33 | 0.571 | 0.580 | 0.031 | 0.034 | |
| 2/22/2019 12:34 | 0.57 | 0.579 | 0.031 | 0.034 | |
| 2/22/2019 12:35 | 0.565 | 0.577 | 0.031 | 0.034 | |
| 2/22/2019 12:36 | 0.568 | 0.576 | 0.032 | 0.034 | |
| 2/22/2019 12:37 | 0.564 | 0.575 | 0.034 | 0.034 | |
| 2/22/2019 12:38 | 0.561 | 0.573 | 0.036 | 0.034 | |
| 2/22/2019 12:39 | 0.559 | 0.572 | 0.035 | 0.034 | |
| 2/22/2019 12:40 | 0.564 | 0.570 | 0.035 | 0.034 | |
| 2/22/2019 12:41 | 0.559 | 0.569 | 0.036 | 0.034 | |
| 2/22/2019 12:42 | 0.557 | 0.568 | 0.037 | 0.034 | |
| 2/22/2019 12:43 | 0.55 | 0.566 | 0.037 | 0.034 | |
| 2/22/2019 12:44 | 0.551 | 0.564 | 0.037 | 0.034 | |
| 2/22/2019 12:45 | 0.552 | 0.562 | 0.037 | 0.034 | |
| 2/22/2019 12:46 | 0.55 | 0.561 | 0.038 | 0.035 | |
| 2/22/2019 12:47 | 0.554 | 0.560 | 0.039 | 0.035 | |
| 2/22/2019 12:48 | 0.551 | 0.558 | 0.038 | 0.036 | |
| 2/22/2019 12:49 | 0.553 | 0.557 | 0.038 | 0.036 | |
| 2/22/2019 12:50 | 0.553 | 0.556 | 0.038 | 0.037 | |
| 2/22/2019 12:51 | 0.55 | 0.555 | 0.038 | 0.037 | |
| 2/22/2019 12:52 | 0.555 | 0.555 | 0.039 | 0.037 | |
| 2/22/2019 12:53 | 0.551 | 0.554 | 0.04 | 0.038 | |
| 2/22/2019 12:54 | 0.546 | 0.553 | 0.038 | 0.038 | |
| 2/22/2019 12:55 | 0.545 | 0.552 | 0.037 | 0.038 | |
| 2/22/2019 12:56 | 0.549 | 0.551 | 0.037 | 0.038 | |
| 2/22/2019 12:57 | 0.54 | 0.550 | 0.036 | 0.038 | |
| 2/22/2019 12:58 | 0.547 | 0.550 | 0.036 | 0.038 | |
| 2/22/2019 12:59 | 0.54 | 0.549 | 0.039 | 0.038 | |
| 2/22/2019 13:00 | 0.545 | 0.549 | 0.038 | 0.038 | |
| 2/22/2019 13:01 | 0.54 | 0.548 | 0.039 | 0.038 | |
| 2/22/2019 13:02 | 0.542 | 0.547 | 0.04 | 0.038 | |
| 2/22/2019 13:03 | 0.537 | 0.546 | 0.04 | 0.038 | |
| 2/22/2019 13:04 | 0.536 | 0.545 | 0.039 | 0.038 | |
| 2/22/2019 13:05 | 0.535 | 0.544 | 0.038 | 0.038 | |
| 2/22/2019 13:06 | 0.544 | 0.544 | 0.037 | 0.038 | |
| 2/22/2019 13:07 | 0.533 | 0.542 | 0.037 | 0.038 | |
| 2/22/2019 13:08 | 0.539 | 0.541 | 0.036 | 0.038 | |

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|---|---|---|---|---|---|
| 2/22/2019 13:09 | 0.53 | 0.540 | 0.036 | 0.038 | |
| 2/22/2019 13:10 | 0.532 | 0.539 | 0.036 | 0.038 | |
| 2/22/2019 13:11 | 0.535 | 0.538 | 0.035 | 0.038 | |
| 2/22/2019 13:12 | 0.531 | 0.538 | 0.035 | 0.037 | |
| 2/22/2019 13:13 | 0.537 | 0.537 | 0.035 | 0.037 | |
| 2/22/2019 13:14 | 0.54 | 0.537 | 0.035 | 0.037 | |
| 2/22/2019 13:15 | 0.539 | 0.537 | 0.035 | 0.037 | |
| 2/22/2019 13:16 | 0.537 | 0.537 | 0.037 | 0.037 | |
| 2/22/2019 13:17 | 0.54 | 0.536 | 0.037 | 0.037 | |
| 2/22/2019 13:18 | 0.538 | 0.536 | 0.037 | 0.036 | |
| 2/22/2019 13:19 | 0.544 | 0.537 | 0.037 | 0.036 | |
| 2/22/2019 13:20 | 0.547 | 0.538 | 0.037 | 0.036 | |
| 2/22/2019 13:21 | 0.544 | 0.538 | 0.038 | 0.036 | |
| 2/22/2019 13:22 | 0.543 | 0.538 | 0.038 | 0.036 | |
| 2/22/2019 13:23 | 0.546 | 0.539 | 0.037 | 0.036 | |
| 2/22/2019 13:24 | 0.548 | 0.540 | 0.038 | 0.037 | |
| 2/22/2019 13:25 | 0.546 | 0.541 | 0.043 | 0.037 | |
| 2/22/2019 13:26 | 0.55 | 0.542 | 0.044 | 0.038 | |
| 2/22/2019 13:27 | 0.553 | 0.544 | 0.042 | 0.038 | |
| 2/22/2019 13:28 | 0.556 | 0.545 | 0.039 | 0.038 | |
| 2/22/2019 13:29 | 0.555 | 0.546 | 0.038 | 0.039 | |
| 2/22/2019 13:30 | 0.557 | 0.547 | 0.037 | 0.039 | |
| 2/22/2019 13:31 | 0.557 | 0.548 | 0.036 | 0.039 | |
| 2/22/2019 13:32 | 0.563 | 0.550 | 0.036 | 0.039 | |
| 2/22/2019 13:33 | 0.565 | 0.552 | 0.037 | 0.039 | |
| 2/22/2019 13:34 | 0.563 | 0.553 | 0.036 | 0.038 | |
| 2/22/2019 13:35 | 0.565 | 0.554 | 0.036 | 0.038 | |
| 2/22/2019 13:36 | 0.573 | 0.556 | 0.034 | 0.038 | |
| 2/22/2019 13:37 | 0.575 | 0.558 | 0.034 | 0.038 | |
| 2/22/2019 13:38 | 0.579 | 0.560 | 0.034 | 0.038 | |
| 2/22/2019 13:39 | 0.585 | 0.563 | 0.034 | 0.037 | |
| 2/22/2019 13:40 | 0.585 | 0.565 | 0.034 | 0.037 | |
| 2/22/2019 13:41 | 0.584 | 0.568 | 0.034 | 0.036 | |
| 2/22/2019 13:42 | 0.591 | 0.570 | 0.033 | 0.036 | |
| 2/22/2019 13:43 | 0.59 | 0.573 | 0.032 | 0.035 | |
| 2/22/2019 13:44 | 0.593 | 0.575 | 0.033 | 0.035 | |
| 2/22/2019 13:45 | 0.594 | 0.578 | 0.032 | 0.034 | |
| 2/22/2019 13:46 | 0.594 | 0.580 | 0.032 | 0.034 | |
| 2/22/2019 13:47 | 0.606 | 0.583 | 0.032 | 0.034 | |
| 2/22/2019 13:48 | 0.602 | 0.585 | 0.031 | 0.033 | |
| 2/22/2019 13:49 | 0.604 | 0.588 | 0.031 | 0.033 | |
| 2/22/2019 13:50 | 0.602 | 0.591 | 0.032 | 0.033 | |
| 2/22/2019 13:51 | 0.612 | 0.593 | 0.032 | 0.033 | |
| 2/22/2019 13:52 | 0.613 | 0.596 | 0.034 | 0.033 | |
| 2/22/2019 13:53 | 0.608 | 0.598 | 0.04 | 0.033 | |
| 2/22/2019 13:54 | 0.608 | 0.599 | 0.042 | 0.034 | |
| 2/22/2019 13:55 | 0.61 | 0.601 | 0.035 | 0.034 | |
| 2/22/2019 13:56 | 0.616 | 0.603 | 0.033 | 0.034 | |
| 2/22/2019 13:57 | 0.619 | 0.605 | 0.033 | 0.034 | |
| 2/22/2019 13:58 | 0.617 | 0.607 | 0.034 | 0.034 | |
| 2/22/2019 13:59 | 0.62 | 0.608 | 0.033 | 0.034 | |
| 2/22/2019 14:00 | 0.619 | 0.610 | 0.035 | 0.034 | |
| 2/22/2019 14:01 | 0.619 | 0.612 | 0.034 | 0.034 | |
| 2/22/2019 14:02 | 0.622 | 0.613 | 0.033 | 0.034 | |
| 2/22/2019 14:03 | 0.618 | 0.614 | 0.033 | 0.034 | |
| 2/22/2019 14:04 | 0.615 | 0.615 | 0.033 | 0.034 | |
| 2/22/2019 14:05 | 0.619 | 0.616 | 0.033 | 0.035 | |
| 2/22/2019 14:06 | 0.619 | 0.616 | 0.033 | 0.035 | |
| 2/22/2019 14:07 | 0.615 | 0.616 | 0.032 | 0.034 | |
| 2/22/2019 14:08 | 0.61 | 0.616 | 0.033 | 0.034 | |
| 2/22/2019 14:09 | 0.608 | 0.616 | 0.033 | 0.033 | |
| 2/22/2019 14:10 | 0.611 | 0.617 | 0.032 | 0.033 | |
| 2/22/2019 14:11 | 0.612 | 0.616 | 0.032 | 0.033 | |
| 2/22/2019 14:12 | 0.609 | 0.616 | 0.032 | 0.033 | |
| 2/22/2019 14:13 | 0.614 | 0.615 | 0.033 | 0.033 | |
| 2/22/2019 14:14 | 0.614 | 0.615 | 0.034 | 0.033 | |
| 2/22/2019 14:15 | 0.613 | 0.615 | 0.034 | 0.033 | |
| 2/22/2019 14:16 | 0.611 | 0.614 | 0.033 | 0.033 | |
| 2/22/2019 14:17 | 0.61 | 0.613 | 0.033 | 0.033 | |
| 2/22/2019 14:18 | 0.604 | 0.612 | 0.033 | 0.033 | |
| 2/22/2019 14:19 | 0.607 | 0.612 | 0.033 | 0.033 | |
| 2/22/2019 14:20 | 0.613 | 0.611 | 0.034 | 0.033 | |
| 2/22/2019 14:21 | 0.607 | 0.611 | 0.034 | 0.033 | |
| 2/22/2019 14:22 | 0.603 | 0.610 | 0.034 | 0.033 | |
| 2/22/2019 14:23 | 0.6 | 0.609 | 0.035 | 0.033 | |
| 2/22/2019 14:24 | 0.604 | 0.609 | 0.035 | 0.033 | |
| 2/22/2019 14:25 | 0.597 | 0.608 | 0.035 | 0.034 | |
| 2/22/2019 14:26 | 0.6 | 0.607 | 0.035 | 0.034 | |
| 2/22/2019 14:27 | 0.602 | 0.607 | 0.036 | 0.034 | |
| 2/22/2019 14:28 | 0.603 | 0.606 | 0.034 | 0.034 | |
| 2/22/2019 14:29 | 0.6 | 0.605 | 0.035 | 0.034 | |

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|---|---|---|---|---|---|
| 2/22/2019 14:30 | 0.6 | 0.604 | 0.035 | 0.034 | |
| 2/22/2019 14:31 | 0.603 | 0.604 | 0.035 | 0.034 | |
| 2/22/2019 14:32 | 0.597 | 0.603 | 0.036 | 0.035 | |
| 2/22/2019 14:33 | 0.601 | 0.603 | 0.037 | 0.035 | |
| 2/22/2019 14:34 | 0.588 | 0.601 | 0.047 | 0.036 | |
| 2/22/2019 14:35 | 0.593 | 0.600 | 0.041 | 0.036 | |
| 2/22/2019 14:36 | 0.588 | 0.599 | 0.044 | 0.037 | |
| 2/22/2019 14:37 | 0.588 | 0.598 | 0.038 | 0.037 | |
| 2/22/2019 14:38 | 0.596 | 0.597 | 0.037 | 0.037 | |
| 2/22/2019 14:39 | 0.592 | 0.597 | 0.036 | 0.037 | |
| 2/22/2019 14:40 | 0.59 | 0.596 | 0.036 | 0.038 | |
| 2/22/2019 14:41 | 0.588 | 0.595 | 0.036 | 0.038 | |
| 2/22/2019 14:42 | 0.585 | 0.594 | 0.034 | 0.037 | |
| 2/22/2019 14:43 | 0.586 | 0.593 | 0.034 | 0.037 | |
| 2/22/2019 14:44 | 0.584 | 0.592 | 0.034 | 0.037 | |
| 2/22/2019 14:45 | 0.594 | 0.592 | 0.035 | 0.037 | |
| 2/22/2019 14:46 | 0.592 | 0.591 | 0.036 | 0.037 | |
| 2/22/2019 14:47 | 0.583 | 0.590 | 0.037 | 0.038 | |
| 2/22/2019 14:48 | 0.581 | 0.589 | 0.037 | 0.038 | |
| 2/22/2019 14:49 | 0.583 | 0.588 | 0.037 | 0.037 | |
| 2/22/2019 14:50 | 0.576 | 0.587 | 0.038 | 0.037 | |
| 2/22/2019 14:51 | 0.579 | 0.587 | 0.037 | 0.036 | |
| 2/22/2019 14:52 | 0.578 | 0.586 | 0.036 | 0.036 | |
| 2/22/2019 14:53 | 0.579 | 0.585 | 0.036 | 0.036 | |
| 2/22/2019 14:54 | 0.579 | 0.584 | 0.035 | 0.036 | |
| 2/22/2019 14:55 | 0.579 | 0.583 | 0.035 | 0.036 | |
| 2/22/2019 14:56 | 0.585 | 0.583 | 0.035 | 0.036 | |
| 2/22/2019 14:57 | 0.589 | 0.583 | 0.036 | 0.036 | |
| 2/22/2019 14:58 | 0.58 | 0.583 | 0.038 | 0.036 | |
| 2/22/2019 14:59 | 0.58 | 0.583 | 0.037 | 0.036 | |
| 2/22/2019 15:00 | 0.583 | 0.582 | 0.035 | 0.036 | |
| 2/22/2019 15:01 | 0.582 | 0.581 | 0.035 | 0.036 | |
| 2/22/2019 15:02 | 0.578 | 0.581 | 0.034 | 0.036 | |
| 2/22/2019 15:03 | 0.585 | 0.581 | 0.034 | 0.036 | |
| 2/22/2019 15:04 | 0.583 | 0.581 | 0.034 | 0.036 | |
| 2/22/2019 15:05 | 0.584 | 0.582 | 0.034 | 0.035 | |
| 2/22/2019 15:06 | 0.581 | 0.582 | 0.035 | 0.035 | |
| 2/22/2019 15:07 | 0.575 | 0.582 | 0.035 | 0.035 | |
| 2/22/2019 15:08 | 0.571 | 0.581 | 0.035 | 0.035 | |
| 2/22/2019 15:09 | 0.569 | 0.580 | 0.035 | 0.035 | |
| 2/22/2019 15:10 | 0.575 | 0.580 | 0.035 | 0.035 | |
| 2/22/2019 15:11 | 0.573 | 0.579 | 0.036 | 0.035 | |
| 2/22/2019 15:12 | 0.569 | 0.578 | 0.036 | 0.035 | |
| 2/22/2019 15:13 | 0.568 | 0.577 | 0.036 | 0.035 | |
| 2/22/2019 15:14 | 0.57 | 0.576 | 0.037 | 0.035 | |
| 2/22/2019 15:15 | 0.567 | 0.575 | 0.036 | 0.035 | |
| 2/22/2019 15:16 | 0.565 | 0.574 | 0.035 | 0.035 | |
| 2/22/2019 15:17 | 0.563 | 0.573 | 0.035 | 0.035 | |
| 2/22/2019 15:18 | 0.564 | 0.572 | 0.036 | 0.035 | |
| 2/22/2019 15:19 | 0.561 | 0.570 | 0.037 | 0.036 | |
| 2/22/2019 15:20 | 0.559 | 0.569 | 0.036 | 0.036 | |
| 2/22/2019 15:21 | 0.557 | 0.567 | 0.036 | 0.036 | |
| 2/22/2019 15:22 | 0.556 | 0.566 | 0.035 | 0.036 | |
| 2/22/2019 15:23 | 0.55 | 0.564 | 0.036 | 0.036 | |
| 2/22/2019 15:24 | 0.554 | 0.563 | 0.037 | 0.036 | |
| 2/22/2019 15:25 | 0.551 | 0.562 | 0.036 | 0.036 | |
| 2/22/2019 15:26 | 0.554 | 0.561 | 0.035 | 0.036 | |
| 2/22/2019 15:27 | 0.552 | 0.559 | 0.036 | 0.036 | |
| 2/22/2019 15:28 | 0.551 | 0.558 | 0.036 | 0.036 | |
| 2/22/2019 15:29 | 0.551 | 0.557 | 0.036 | 0.036 | |
| 2/22/2019 15:30 | 0.549 | 0.556 | 0.038 | 0.036 | |
| 2/22/2019 15:31 | 0.55 | 0.555 | 0.038 | 0.036 | |
| 2/22/2019 15:32 | 0.545 | 0.554 | 0.037 | 0.036 | |
| 2/22/2019 15:33 | 0.548 | 0.553 | 0.035 | 0.036 | |
| 2/22/2019 15:34 | 0.551 | 0.552 | 0.037 | 0.036 | |
| 2/22/2019 15:35 | 0.549 | 0.551 | 0.039 | 0.037 | |
| 2/22/2019 15:36 | 0.545 | 0.550 | 0.038 | 0.037 | |
| 2/22/2019 15:37 | 0.539 | 0.549 | 0.038 | 0.037 | |
| 2/22/2019 15:38 | 0.541 | 0.549 | 0.038 | 0.037 | |
| 2/22/2019 15:39 | 0.537 | 0.548 | 0.041 | 0.037 | |
| 2/22/2019 15:40 | 0.54 | 0.547 | 0.039 | 0.037 | |
| 2/22/2019 15:41 | 0.542 | 0.546 | 0.038 | 0.038 | |
| 2/22/2019 15:42 | 0.547 | 0.546 | 0.037 | 0.038 | |
| 2/22/2019 15:43 | 0.539 | 0.545 | 0.037 | 0.038 | |
| 2/22/2019 15:44 | 0.545 | 0.545 | 0.037 | 0.038 | |
| 2/22/2019 15:45 | 0.542 | 0.544 | 0.037 | 0.038 | |
| 2/22/2019 15:46 | 0.539 | 0.543 | 0.038 | 0.038 | |
| 2/22/2019 15:47 | 0.539 | 0.543 | 0.038 | 0.038 | |
| 2/22/2019 15:48 | 0.543 | 0.543 | 0.038 | 0.038 | |
| 2/22/2019 15:49 | 0.542 | 0.542 | 0.038 | 0.038 | |
| 2/22/2019 15:50 | 0.547 | 0.542 | 0.039 | 0.038 | Stop Work |

**Notes:**

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.

2. VOC concentrations monitored with a RAE Systems minRAE3000.
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10

**Key:**
$mg/m^3$ = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound

| Timestamp (GMT-4) | Instantaneous VOC Concentration (ppm) | 15-Minute Running Average VOC Concentration (ppm) | Instantaneous Particulate Concentration (mg/m³) | 15-Minute Running Average Particulate Concentration (mg/m³) | Field Notes |
|---|---|---|---|---|---|
| 2/26/2019 8:34 | 0 | 0.000 | 0.011 | 0.011 | Start Work, PID and DustTrak calibrated to manufacturers specifications. |
| 2/26/2019 8:35 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:36 | 0 | 0.000 | 0.011 | 0.011 | |
| 2/26/2019 8:37 | 0 | 0.000 | 0.011 | 0.011 | |
| 2/26/2019 8:38 | 0 | 0.000 | 0.012 | 0.011 | |
| 2/26/2019 8:39 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:40 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:41 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:42 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:43 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:44 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:45 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:46 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:47 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:48 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:49 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:50 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:51 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:52 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:53 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:54 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:55 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:56 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:57 | 0 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:58 | 0.004 | 0.000 | 0.012 | 0.012 | |
| 2/26/2019 8:59 | 0.003 | 0.001 | 0.012 | 0.012 | |
| 2/26/2019 9:00 | 0.005 | 0.001 | 0.013 | 0.012 | |
| 2/26/2019 9:01 | 0.009 | 0.001 | 0.012 | 0.012 | |
| 2/26/2019 9:02 | 0.015 | 0.002 | 0.013 | 0.012 | |
| 2/26/2019 9:03 | 0.015 | 0.003 | 0.012 | 0.012 | |
| 2/26/2019 9:04 | 0.02 | 0.005 | 0.013 | 0.012 | |
| 2/26/2019 9:05 | 0.025 | 0.006 | 0.013 | 0.012 | |
| 2/26/2019 9:06 | 0.03 | 0.008 | 0.015 | 0.013 | |
| 2/26/2019 9:07 | 0.03 | 0.010 | 0.014 | 0.013 | |
| 2/26/2019 9:08 | 0.041 | 0.013 | 0.014 | 0.013 | |
| 2/26/2019 9:09 | 0.04 | 0.016 | 0.015 | 0.013 | |
| 2/26/2019 9:10 | 0.045 | 0.019 | 0.014 | 0.013 | |
| 2/26/2019 9:11 | 0.047 | 0.022 | 0.014 | 0.013 | |
| 2/26/2019 9:12 | 0.051 | 0.025 | 0.014 | 0.013 | |
| 2/26/2019 9:13 | 0.056 | 0.029 | 0.014 | 0.014 | |
| 2/26/2019 9:14 | 0.06 | 0.033 | 0.014 | 0.014 | |
| 2/26/2019 9:15 | 0.059 | 0.036 | 0.014 | 0.014 | |
| 2/26/2019 9:16 | 0.06 | 0.040 | 0.014 | 0.014 | |
| 2/26/2019 9:17 | 0.065 | 0.043 | 0.013 | 0.014 | |
| 2/26/2019 9:18 | 0.07 | 0.047 | 0.015 | 0.014 | |
| 2/26/2019 9:19 | 0.077 | 0.050 | 0.014 | 0.014 | |
| 2/26/2019 9:20 | 0.08 | 0.054 | 0.014 | 0.014 | |
| 2/26/2019 9:21 | 0.084 | 0.058 | 0.013 | 0.014 | |
| 2/26/2019 9:22 | 0.088 | 0.062 | 0.013 | 0.014 | |
| 2/26/2019 9:23 | 0.087 | 0.065 | 0.014 | 0.014 | |
| 2/26/2019 9:24 | 0.093 | 0.068 | 0.013 | 0.014 | |
| 2/26/2019 9:25 | 0.093 | 0.071 | 0.013 | 0.014 | |
| 2/26/2019 9:26 | 0.096 | 0.075 | 0.014 | 0.014 | |
| 2/26/2019 9:27 | 0.102 | 0.078 | 0.013 | 0.014 | |
| 2/26/2019 9:28 | 0.103 | 0.081 | 0.014 | 0.014 | |
| 2/26/2019 9:29 | 0.11 | 0.085 | 0.014 | 0.014 | |
| 2/26/2019 9:30 | 0.116 | 0.088 | 0.014 | 0.014 | |
| 2/26/2019 9:31 | 0.119 | 0.092 | 0.013 | 0.014 | |
| 2/26/2019 9:32 | 0.117 | 0.096 | 0.013 | 0.014 | |
| 2/26/2019 9:33 | 0.121 | 0.099 | 0.014 | 0.014 | |
| 2/26/2019 9:34 | 0.126 | 0.102 | 0.014 | 0.014 | |
| 2/26/2019 9:35 | 0.13 | 0.106 | 0.013 | 0.014 | |
| 2/26/2019 9:36 | 0.134 | 0.109 | 0.013 | 0.014 | |
| 2/26/2019 9:37 | 0.137 | 0.112 | 0.013 | 0.014 | |
| 2/26/2019 9:38 | 0.139 | 0.116 | 0.013 | 0.013 | |
| 2/26/2019 9:39 | 0.139 | 0.119 | 0.015 | 0.014 | |
| 2/26/2019 9:40 | 0.139 | 0.122 | 0.014 | 0.014 | |
| 2/26/2019 9:41 | 0.14 | 0.125 | 0.013 | 0.014 | |
| 2/26/2019 9:42 | 0.144 | 0.128 | 0.013 | 0.014 | |
| 2/26/2019 9:43 | 0.151 | 0.131 | 0.013 | 0.014 | |
| 2/26/2019 9:44 | 0.159 | 0.134 | 0.02 | 0.014 | |
| 2/26/2019 9:45 | 0.157 | 0.137 | 0.016 | 0.014 | |
| 2/26/2019 9:46 | 0.157 | 0.139 | 0.014 | 0.014 | |
| 2/26/2019 9:47 | 0.159 | 0.142 | 0.013 | 0.014 | |
| 2/26/2019 9:48 | 0.168 | 0.145 | 0.013 | 0.014 | |
| 2/26/2019 9:49 | 0.169 | 0.148 | 0.013 | 0.014 | |

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|---|---|---|---|---|---|
| 2/26/2019 9:50 | 0.175 | 0.151 | 0.014 | 0.014 | |
| 2/26/2019 9:51 | 0.175 | 0.154 | 0.014 | 0.014 | |
| 2/26/2019 9:52 | 0.174 | 0.156 | 0.014 | 0.014 | |
| 2/26/2019 9:53 | 0.182 | 0.159 | 0.014 | 0.014 | |
| 2/26/2019 9:54 | 0.183 | 0.162 | 0.014 | 0.014 | |
| 2/26/2019 9:55 | 0.18 | 0.165 | 0.014 | 0.014 | |
| 2/26/2019 9:56 | 0.188 | 0.168 | 0.014 | 0.014 | |
| 2/26/2019 9:57 | 0.189 | 0.171 | 0.015 | 0.014 | |
| 2/26/2019 9:58 | 0.192 | 0.174 | 0.015 | 0.015 | |
| 2/26/2019 9:59 | 0.191 | 0.176 | 0.015 | 0.014 | |
| 2/26/2019 10:00 | 0.196 | 0.179 | 0.015 | 0.014 | |
| 2/26/2019 10:01 | 0.198 | 0.181 | 0.014 | 0.014 | |
| 2/26/2019 10:02 | 0.199 | 0.184 | 0.013 | 0.014 | |
| 2/26/2019 10:03 | 0.201 | 0.186 | 0.013 | 0.014 | |
| 2/26/2019 10:04 | 0.203 | 0.188 | 0.013 | 0.014 | |
| 2/26/2019 10:05 | 0.208 | 0.191 | 0.014 | 0.014 | |
| 2/26/2019 10:06 | 0.208 | 0.193 | 0.013 | 0.014 | |
| 2/26/2019 10:07 | 0.211 | 0.195 | 0.013 | 0.014 | |
| 2/26/2019 10:08 | 0.214 | 0.197 | 0.01 | 0.014 | |
| 2/26/2019 10:09 | 0.217 | 0.200 | 0.01 | 0.013 | |
| 2/26/2019 10:10 | 0.22 | 0.202 | 0.01 | 0.013 | |
| 2/26/2019 10:11 | 0.218 | 0.204 | 0.009 | 0.013 | |
| 2/26/2019 10:12 | 0.221 | 0.207 | 0.008 | 0.012 | |
| 2/26/2019 10:13 | 0.224 | 0.209 | 0.008 | 0.012 | |
| 2/26/2019 10:14 | 0.227 | 0.211 | 0.009 | 0.012 | |
| 2/26/2019 10:15 | 0.22 | 0.213 | 0.008 | 0.011 | |
| 2/26/2019 10:16 | 0.223 | 0.214 | 0.008 | 0.011 | |
| 2/26/2019 10:17 | 0.229 | 0.216 | 0.008 | 0.010 | |
| 2/26/2019 10:18 | 0.229 | 0.218 | 0.009 | 0.010 | |
| 2/26/2019 10:19 | 0.232 | 0.220 | 0.008 | 0.010 | |
| 2/26/2019 10:20 | 0.229 | 0.222 | 0.008 | 0.009 | |
| 2/26/2019 10:21 | 0.23 | 0.223 | 0.008 | 0.009 | |
| 2/26/2019 10:22 | 0.229 | 0.224 | 0.008 | 0.009 | |
| 2/26/2019 10:23 | 0.229 | 0.225 | 0.008 | 0.009 | |
| 2/26/2019 10:24 | 0.232 | 0.226 | 0.008 | 0.008 | |
| 2/26/2019 10:25 | 0.23 | 0.227 | 0.008 | 0.008 | |
| 2/26/2019 10:26 | 0.235 | 0.228 | 0.008 | 0.008 | |
| 2/26/2019 10:27 | 0.233 | 0.229 | 0.008 | 0.008 | |
| 2/26/2019 10:28 | 0.233 | 0.229 | 0.008 | 0.008 | |
| 2/26/2019 10:29 | 0.234 | 0.230 | 0.008 | 0.008 | |
| 2/26/2019 10:30 | 0.236 | 0.231 | 0.009 | 0.008 | |
| 2/26/2019 10:31 | 0.234 | 0.232 | 0.009 | 0.008 | |
| 2/26/2019 10:32 | 0.232 | 0.232 | 0.009 | 0.008 | |
| 2/26/2019 10:33 | 0.235 | 0.232 | 0.009 | 0.008 | |
| 2/26/2019 10:34 | 0.239 | 0.233 | 0.009 | 0.008 | |
| 2/26/2019 10:35 | 0.244 | 0.234 | 0.009 | 0.008 | |
| 2/26/2019 10:36 | 0.243 | 0.235 | 0.009 | 0.009 | |
| 2/26/2019 10:37 | 0.242 | 0.235 | 0.009 | 0.009 | |
| 2/26/2019 10:38 | 0.242 | 0.236 | 0.008 | 0.009 | |
| 2/26/2019 10:39 | 0.244 | 0.237 | 0.008 | 0.009 | |
| 2/26/2019 10:40 | 0.246 | 0.238 | 0.009 | 0.009 | |
| 2/26/2019 10:41 | 0.245 | 0.239 | 0.008 | 0.009 | |
| 2/26/2019 10:42 | 0.25 | 0.240 | 0.008 | 0.009 | |
| 2/26/2019 10:43 | 0.25 | 0.241 | 0.009 | 0.009 | |
| 2/26/2019 10:44 | 0.251 | 0.242 | 0.009 | 0.009 | |
| 2/26/2019 10:45 | 0.255 | 0.244 | 0.009 | 0.009 | |
| 2/26/2019 10:46 | 0.252 | 0.245 | 0.009 | 0.009 | |
| 2/26/2019 10:47 | 0.257 | 0.246 | 0.009 | 0.009 | |
| 2/26/2019 10:48 | 0.258 | 0.248 | 0.009 | 0.009 | |
| 2/26/2019 10:49 | 0.262 | 0.249 | 0.009 | 0.009 | |
| 2/26/2019 10:50 | 0.261 | 0.251 | 0.009 | 0.009 | |
| 2/26/2019 10:51 | 0.264 | 0.252 | 0.009 | 0.009 | |
| 2/26/2019 10:52 | 0.268 | 0.254 | 0.01 | 0.009 | |
| 2/26/2019 10:53 | 0.27 | 0.256 | 0.009 | 0.009 | |
| 2/26/2019 10:54 | 0.269 | 0.257 | 0.009 | 0.009 | |
| 2/26/2019 10:55 | 0.27 | 0.259 | 0.009 | 0.009 | |
| 2/26/2019 10:56 | 0.273 | 0.261 | 0.009 | 0.009 | |
| 2/26/2019 10:57 | 0.272 | 0.262 | 0.009 | 0.009 | |
| 2/26/2019 10:58 | 0.279 | 0.264 | 0.009 | 0.009 | |
| 2/26/2019 10:59 | 0.277 | 0.266 | 0.009 | 0.009 | |
| 2/26/2019 11:00 | 0.281 | 0.268 | 0.009 | 0.009 | |
| 2/26/2019 11:01 | 0.287 | 0.270 | 0.009 | 0.009 | |
| 2/26/2019 11:02 | 0.28 | 0.271 | 0.009 | 0.009 | |
| 2/26/2019 11:03 | 0.288 | 0.273 | 0.009 | 0.009 | |
| 2/26/2019 11:04 | 0.289 | 0.275 | 0.009 | 0.009 | |
| 2/26/2019 11:05 | 0.284 | 0.277 | 0.009 | 0.009 | |
| 2/26/2019 11:06 | 0.287 | 0.278 | 0.009 | 0.009 | |
| 2/26/2019 11:07 | 0.288 | 0.280 | 0.009 | 0.009 | |
| 2/26/2019 11:08 | 0.29 | 0.281 | 0.009 | 0.009 | |
| 2/26/2019 11:09 | 0.295 | 0.283 | 0.009 | 0.009 | |
| 2/26/2019 11:10 | 0.293 | 0.284 | 0.009 | 0.009 | |

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|---|---|---|---|---|---|
| 2/26/2019 11:11 | 0.292 | 0.286 | 0.009 | 0.009 | |
| 2/26/2019 11:12 | 0.295 | 0.287 | 0.01 | 0.009 | |
| 2/26/2019 11:13 | 0.298 | 0.288 | 0.009 | 0.009 | |
| 2/26/2019 11:14 | 0.305 | 0.290 | 0.01 | 0.009 | |
| 2/26/2019 11:15 | 0.301 | 0.292 | 0.01 | 0.009 | |
| 2/26/2019 11:16 | 0.306 | 0.293 | 0.01 | 0.009 | |
| 2/26/2019 11:17 | 0.306 | 0.295 | 0.012 | 0.010 | |
| 2/26/2019 11:18 | 0.309 | 0.296 | 0.01 | 0.010 | |
| 2/26/2019 11:19 | 0.313 | 0.298 | 0.01 | 0.010 | |
| 2/26/2019 11:20 | 0.314 | 0.300 | 0.01 | 0.010 | |
| 2/26/2019 11:21 | 0.311 | 0.301 | 0.012 | 0.010 | |
| 2/26/2019 11:22 | 0.318 | 0.303 | 0.011 | 0.010 | |
| 2/26/2019 11:23 | 0.318 | 0.305 | 0.011 | 0.010 | |
| 2/26/2019 11:24 | 0.317 | 0.306 | 0.01 | 0.010 | |
| 2/26/2019 11:25 | 0.314 | 0.308 | 0.01 | 0.010 | |
| 2/26/2019 11:26 | 0.317 | 0.310 | 0.013 | 0.011 | |
| 2/26/2019 11:27 | 0.32 | 0.311 | 0.012 | 0.011 | |
| 2/26/2019 11:28 | 0.319 | 0.313 | 0.01 | 0.011 | |
| 2/26/2019 11:29 | 0.317 | 0.313 | 0.011 | 0.011 | |
| 2/26/2019 11:30 | 0.318 | 0.315 | 0.01 | 0.011 | |
| 2/26/2019 11:31 | 0.32 | 0.315 | 0.01 | 0.011 | |
| 2/26/2019 11:32 | 0.322 | 0.317 | 0.01 | 0.011 | |
| 2/26/2019 11:33 | 0.319 | 0.317 | 0.011 | 0.011 | |
| 2/26/2019 11:34 | 0.319 | 0.318 | 0.011 | 0.011 | |
| 2/26/2019 11:35 | 0.32 | 0.318 | 0.011 | 0.011 | |
| 2/26/2019 11:36 | 0.325 | 0.319 | 0.011 | 0.011 | |
| 2/26/2019 11:37 | 0.324 | 0.319 | 0.011 | 0.011 | |
| 2/26/2019 11:38 | 0.325 | 0.320 | 0.011 | 0.011 | |
| 2/26/2019 11:39 | 0.327 | 0.320 | 0.011 | 0.011 | |
| 2/26/2019 11:40 | 0.328 | 0.321 | 0.011 | 0.011 | |
| 2/26/2019 11:41 | 0.331 | 0.322 | 0.011 | 0.011 | |
| 2/26/2019 11:42 | 0.33 | 0.323 | 0.011 | 0.011 | |
| 2/26/2019 11:43 | 0.329 | 0.324 | 0.011 | 0.011 | |
| 2/26/2019 11:44 | 0.332 | 0.325 | 0.011 | 0.011 | |
| 2/26/2019 11:45 | 0.333 | 0.326 | 0.011 | 0.011 | |
| 2/26/2019 11:46 | 0.335 | 0.327 | 0.012 | 0.011 | |
| 2/26/2019 11:47 | 0.334 | 0.327 | 0.011 | 0.011 | |
| 2/26/2019 11:48 | 0.336 | 0.329 | 0.011 | 0.011 | |
| 2/26/2019 11:49 | 0.338 | 0.330 | 0.011 | 0.011 | |
| 2/26/2019 11:50 | 0.338 | 0.331 | 0.011 | 0.011 | |
| 2/26/2019 11:51 | 0.338 | 0.332 | 0.011 | 0.011 | |
| 2/26/2019 11:52 | 0.336 | 0.333 | 0.011 | 0.011 | |
| 2/26/2019 11:53 | 0.338 | 0.334 | 0.011 | 0.011 | |
| 2/26/2019 11:54 | 0.338 | 0.334 | 0.011 | 0.011 | |
| 2/26/2019 11:55 | 0.336 | 0.335 | 0.011 | 0.011 | |
| 2/26/2019 11:56 | 0.337 | 0.335 | 0.011 | 0.011 | |
| 2/26/2019 11:57 | 0.342 | 0.336 | 0.011 | 0.011 | |
| 2/26/2019 11:58 | 0.34 | 0.337 | 0.011 | 0.011 | |
| 2/26/2019 11:59 | 0.336 | 0.337 | 0.011 | 0.011 | |
| 2/26/2019 12:00 | 0.342 | 0.338 | 0.011 | 0.011 | |
| 2/26/2019 12:01 | 0.342 | 0.338 | 0.012 | 0.011 | |
| 2/26/2019 12:02 | 0.346 | 0.339 | 0.012 | 0.011 | |
| 2/26/2019 12:03 | 0.337 | 0.339 | 0.011 | 0.011 | |
| 2/26/2019 12:04 | 0.343 | 0.339 | 0.011 | 0.011 | |
| 2/26/2019 12:05 | 0.339 | 0.339 | 0.011 | 0.011 | |
| 2/26/2019 12:06 | 0.341 | 0.340 | 0.012 | 0.011 | |
| 2/26/2019 12:07 | 0.338 | 0.340 | 0.012 | 0.011 | |
| 2/26/2019 12:08 | 0.335 | 0.340 | 0.012 | 0.011 | |
| 2/26/2019 12:09 | 0.339 | 0.340 | 0.012 | 0.011 | |
| 2/26/2019 12:10 | 0.335 | 0.340 | 0.012 | 0.012 | |
| 2/26/2019 12:11 | 0.334 | 0.339 | 0.012 | 0.012 | |
| 2/26/2019 12:12 | 0.335 | 0.339 | 0.012 | 0.012 | |
| 2/26/2019 12:13 | 0.336 | 0.339 | 0.012 | 0.012 | |
| 2/26/2019 12:14 | 0.34 | 0.339 | 0.012 | 0.012 | |
| 2/26/2019 12:15 | 0.335 | 0.338 | 0.012 | 0.012 | |
| 2/26/2019 12:16 | 0.338 | 0.338 | 0.012 | 0.012 | |
| 2/26/2019 12:17 | 0.337 | 0.338 | 0.012 | 0.012 | |
| 2/26/2019 12:18 | 0.339 | 0.338 | 0.012 | 0.012 | |
| 2/26/2019 12:19 | 0.34 | 0.337 | 0.011 | 0.012 | |
| 2/26/2019 12:20 | 0.335 | 0.337 | 0.012 | 0.012 | |
| 2/26/2019 12:21 | 0.334 | 0.337 | 0.012 | 0.012 | |
| 2/26/2019 12:22 | 0.337 | 0.337 | 0.012 | 0.012 | |
| 2/26/2019 12:23 | 0.335 | 0.337 | 0.012 | 0.012 | |
| 2/26/2019 12:24 | 0.333 | 0.336 | 0.012 | 0.012 | |
| 2/26/2019 12:25 | 0.337 | 0.336 | 0.012 | 0.012 | |
| 2/26/2019 12:26 | 0.336 | 0.337 | 0.012 | 0.012 | |
| 2/26/2019 12:27 | 0.334 | 0.336 | 0.012 | 0.012 | |
| 2/26/2019 12:28 | 0.336 | 0.336 | 0.012 | 0.012 | |
| 2/26/2019 12:29 | 0.335 | 0.336 | 0.012 | 0.012 | |
| 2/26/2019 12:30 | 0.34 | 0.336 | 0.012 | 0.012 | |
| 2/26/2019 12:31 | 0.334 | 0.336 | 0.012 | 0.012 | |

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|---|---|---|---|---|---|
| 2/26/2019 12:32 | 0.34 | 0.336 | 0.012 | 0.012 | |
| 2/26/2019 12:33 | 0.339 | 0.336 | 0.012 | 0.012 | |
| 2/26/2019 12:34 | 0.337 | 0.336 | 0.012 | 0.012 | |
| 2/26/2019 12:35 | 0.337 | 0.336 | 0.012 | 0.012 | |
| 2/26/2019 12:36 | 0.339 | 0.337 | 0.013 | 0.012 | |
| 2/26/2019 12:37 | 0.335 | 0.337 | 0.013 | 0.012 | |
| 2/26/2019 12:38 | 0.34 | 0.337 | 0.012 | 0.012 | |
| 2/26/2019 12:39 | 0.341 | 0.337 | 0.012 | 0.012 | |
| 2/26/2019 12:40 | 0.343 | 0.338 | 0.012 | 0.012 | |
| 2/26/2019 12:41 | 0.348 | 0.339 | 0.012 | 0.012 | |
| 2/26/2019 12:42 | 0.351 | 0.340 | 0.012 | 0.012 | |
| 2/26/2019 12:43 | 0.344 | 0.340 | 0.012 | 0.012 | |
| 2/26/2019 12:44 | 0.346 | 0.341 | 0.012 | 0.012 | |
| 2/26/2019 12:45 | 0.349 | 0.342 | 0.012 | 0.012 | |
| 2/26/2019 12:46 | 0.346 | 0.342 | 0.012 | 0.012 | |
| 2/26/2019 12:47 | 0.35 | 0.343 | 0.012 | 0.012 | |
| 2/26/2019 12:48 | 0.351 | 0.344 | 0.012 | 0.012 | |
| 2/26/2019 12:49 | 0.355 | 0.345 | 0.012 | 0.012 | |
| 2/26/2019 12:50 | 0.352 | 0.346 | 0.012 | 0.012 | |
| 2/26/2019 12:51 | 0.356 | 0.347 | 0.012 | 0.012 | |
| 2/26/2019 12:52 | 0.35 | 0.348 | 0.012 | 0.012 | |
| 2/26/2019 12:53 | 0.35 | 0.349 | 0.012 | 0.012 | |
| 2/26/2019 12:54 | 0.353 | 0.350 | 0.012 | 0.012 | |
| 2/26/2019 12:55 | 0.354 | 0.350 | 0.013 | 0.012 | |
| 2/26/2019 12:56 | 0.352 | 0.351 | 0.013 | 0.012 | |
| 2/26/2019 12:57 | 0.348 | 0.350 | 0.012 | 0.012 | |
| 2/26/2019 12:58 | 0.351 | 0.351 | 0.012 | 0.012 | |
| 2/26/2019 12:59 | 0.351 | 0.351 | 0.012 | 0.012 | |
| 2/26/2019 13:00 | 0.35 | 0.351 | 0.012 | 0.012 | |
| 2/26/2019 13:01 | 0.35 | 0.352 | 0.013 | 0.012 | |
| 2/26/2019 13:02 | 0.346 | 0.351 | 0.013 | 0.012 | |
| 2/26/2019 13:03 | 0.344 | 0.351 | 0.013 | 0.012 | |
| 2/26/2019 13:04 | 0.346 | 0.350 | 0.013 | 0.012 | |
| 2/26/2019 13:05 | 0.351 | 0.350 | 0.013 | 0.013 | |
| 2/26/2019 13:06 | 0.345 | 0.349 | 0.012 | 0.013 | |
| 2/26/2019 13:07 | 0.345 | 0.349 | 0.012 | 0.013 | |
| 2/26/2019 13:08 | 0.345 | 0.349 | 0.012 | 0.013 | |
| 2/26/2019 13:09 | 0.348 | 0.348 | 0.012 | 0.013 | |
| 2/26/2019 13:10 | 0.348 | 0.348 | 0.012 | 0.012 | |
| 2/26/2019 13:11 | 0.348 | 0.348 | 0.012 | 0.012 | |
| 2/26/2019 13:12 | 0.341 | 0.347 | 0.012 | 0.012 | |
| 2/26/2019 13:13 | 0.342 | 0.347 | 0.012 | 0.012 | |
| 2/26/2019 13:14 | 0.344 | 0.346 | 0.012 | 0.012 | |
| 2/26/2019 13:15 | 0.347 | 0.346 | 0.012 | 0.012 | |
| 2/26/2019 13:16 | 0.342 | 0.346 | 0.012 | 0.012 | |
| 2/26/2019 13:17 | 0.345 | 0.345 | 0.012 | 0.012 | |
| 2/26/2019 13:18 | 0.342 | 0.345 | 0.012 | 0.012 | |
| 2/26/2019 13:19 | 0.343 | 0.345 | 0.012 | 0.012 | |
| 2/26/2019 13:20 | 0.345 | 0.345 | 0.012 | 0.012 | |
| 2/26/2019 13:21 | 0.343 | 0.345 | 0.012 | 0.012 | |
| 2/26/2019 13:22 | 0.341 | 0.344 | 0.012 | 0.012 | |
| 2/26/2019 13:23 | 0.344 | 0.344 | 0.013 | 0.012 | |
| 2/26/2019 13:24 | 0.344 | 0.344 | 0.013 | 0.012 | |
| 2/26/2019 13:25 | 0.344 | 0.344 | 0.012 | 0.012 | |
| 2/26/2019 13:26 | 0.341 | 0.343 | 0.012 | 0.012 | |
| 2/26/2019 13:27 | 0.339 | 0.343 | 0.012 | 0.012 | |
| 2/26/2019 13:28 | 0.341 | 0.343 | 0.013 | 0.012 | |
| 2/26/2019 13:29 | 0.344 | 0.343 | 0.013 | 0.012 | |
| 2/26/2019 13:30 | 0.346 | 0.343 | 0.012 | 0.012 | |
| 2/26/2019 13:31 | 0.345 | 0.343 | 0.013 | 0.012 | |
| 2/26/2019 13:32 | 0.347 | 0.343 | 0.012 | 0.012 | |
| 2/26/2019 13:33 | 0.347 | 0.344 | 0.013 | 0.012 | |
| 2/26/2019 13:34 | 0.346 | 0.344 | 0.012 | 0.012 | |
| 2/26/2019 13:35 | 0.35 | 0.344 | 0.013 | 0.013 | |
| 2/26/2019 13:36 | 0.353 | 0.345 | 0.012 | 0.013 | |
| 2/26/2019 13:37 | 0.352 | 0.346 | 0.012 | 0.013 | |
| 2/26/2019 13:38 | 0.352 | 0.346 | 0.013 | 0.013 | |
| 2/26/2019 13:39 | 0.355 | 0.347 | 0.013 | 0.013 | |
| 2/26/2019 13:40 | 0.355 | 0.348 | 0.013 | 0.013 | |
| 2/26/2019 13:41 | 0.356 | 0.349 | 0.013 | 0.013 | |
| 2/26/2019 13:42 | 0.357 | 0.350 | 0.013 | 0.013 | |
| 2/26/2019 13:43 | 0.362 | 0.351 | 0.013 | 0.013 | |
| 2/26/2019 13:44 | 0.36 | 0.352 | 0.013 | 0.013 | |
| 2/26/2019 13:45 | 0.36 | 0.353 | 0.013 | 0.013 | |
| 2/26/2019 13:46 | 0.36 | 0.354 | 0.013 | 0.013 | |
| 2/26/2019 13:47 | 0.357 | 0.355 | 0.013 | 0.013 | |
| 2/26/2019 13:48 | 0.358 | 0.356 | 0.013 | 0.013 | |
| 2/26/2019 13:49 | 0.364 | 0.357 | 0.014 | 0.013 | |
| 2/26/2019 13:50 | 0.357 | 0.357 | 0.013 | 0.013 | |
| 2/26/2019 13:51 | 0.36 | 0.358 | 0.012 | 0.013 | |
| 2/26/2019 13:52 | 0.362 | 0.358 | 0.013 | 0.013 | |

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|---|---|---|---|---|---|
| 2/26/2019 13:53 | 0.367 | 0.359 | 0.012 | 0.013 | |
| 2/26/2019 13:54 | 0.364 | 0.360 | 0.012 | 0.013 | |
| 2/26/2019 13:55 | 0.366 | 0.361 | 0.013 | 0.013 | |
| 2/26/2019 13:56 | 0.365 | 0.361 | 0.012 | 0.013 | |
| 2/26/2019 13:57 | 0.368 | 0.362 | 0.013 | 0.013 | |
| 2/26/2019 13:58 | 0.363 | 0.362 | 0.012 | 0.013 | |
| 2/26/2019 13:59 | 0.361 | 0.362 | 0.013 | 0.013 | |
| 2/26/2019 14:00 | 0.364 | 0.362 | 0.013 | 0.013 | Stop Work |

**Notes:**

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.
2. VOC concentrations monitored with a RAE Systems minRAE3000.
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10

**Key:**

$mg/m^3$ = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound

| Timestamp (GMT-4) | Instantaneous VOC Concentration (ppm) | 15-Minute Running Average VOC Concentration (ppm) | Instantaneous Particulate Concentration (mg/m³) | 15-Minute Running Average Particulate Concentration (mg/m³) | Field Notes |
|---|---|---|---|---|---|
| 2/27/2019 8:30 | 0.397 | 0.360 | 0.011 | 0.010 | Start Work, PID and DustTrak calibrated to manufacturers specifications. |
| 2/27/2019 8:31 | 0.394 | 0.364 | 0.01 | 0.010 | |
| 2/27/2019 8:32 | 0.405 | 0.369 | 0.011 | 0.010 | |
| 2/27/2019 8:33 | 0.406 | 0.374 | 0.011 | 0.010 | |
| 2/27/2019 8:34 | 0.407 | 0.378 | 0.011 | 0.010 | |
| 2/27/2019 8:35 | 0.404 | 0.382 | 0.011 | 0.010 | |
| 2/27/2019 8:36 | 0.411 | 0.386 | 0.011 | 0.010 | |
| 2/27/2019 8:37 | 0.417 | 0.389 | 0.011 | 0.011 | |
| 2/27/2019 8:38 | 0.422 | 0.393 | 0.011 | 0.011 | |
| 2/27/2019 8:39 | 0.429 | 0.398 | 0.011 | 0.011 | |
| 2/27/2019 8:40 | 0.436 | 0.402 | 0.012 | 0.011 | |
| 2/27/2019 8:41 | 0.44 | 0.407 | 0.011 | 0.011 | |
| 2/27/2019 8:42 | 0.441 | 0.411 | 0.011 | 0.011 | |
| 2/27/2019 8:43 | 0.439 | 0.415 | 0.012 | 0.011 | |
| 2/27/2019 8:44 | 0.447 | 0.420 | 0.011 | 0.011 | |
| 2/27/2019 8:45 | 0.454 | 0.424 | 0.011 | 0.011 | |
| 2/27/2019 8:46 | 0.455 | 0.428 | 0.011 | 0.011 | |
| 2/27/2019 8:47 | 0.466 | 0.432 | 0.011 | 0.011 | |
| 2/27/2019 8:48 | 0.468 | 0.436 | 0.012 | 0.011 | |
| 2/27/2019 8:49 | 0.471 | 0.440 | 0.011 | 0.011 | |
| 2/27/2019 8:50 | 0.473 | 0.445 | 0.011 | 0.011 | |
| 2/27/2019 8:51 | 0.475 | 0.449 | 0.011 | 0.011 | |
| 2/27/2019 8:52 | 0.485 | 0.453 | 0.012 | 0.011 | |
| 2/27/2019 8:53 | 0.488 | 0.458 | 0.012 | 0.011 | |
| 2/27/2019 8:54 | 0.493 | 0.462 | 0.012 | 0.011 | |
| 2/27/2019 8:55 | 0.491 | 0.466 | 0.012 | 0.011 | |
| 2/27/2019 8:56 | 0.495 | 0.469 | 0.012 | 0.012 | |
| 2/27/2019 8:57 | 0.5 | 0.473 | 0.012 | 0.012 | |
| 2/27/2019 8:58 | 0.508 | 0.478 | 0.012 | 0.012 | |
| 2/27/2019 8:59 | 0.514 | 0.482 | 0.012 | 0.012 | |
| 2/27/2019 9:00 | 0.514 | 0.486 | 0.012 | 0.012 | |
| 2/27/2019 9:01 | 0.513 | 0.490 | 0.013 | 0.012 | |
| 2/27/2019 9:02 | 0.522 | 0.494 | 0.012 | 0.012 | |
| 2/27/2019 9:03 | 0.526 | 0.498 | 0.012 | 0.012 | |
| 2/27/2019 9:04 | 0.521 | 0.501 | 0.012 | 0.012 | |
| 2/27/2019 9:05 | 0.529 | 0.505 | 0.012 | 0.012 | |
| 2/27/2019 9:06 | 0.537 | 0.509 | 0.012 | 0.012 | |
| 2/27/2019 9:07 | 0.54 | 0.513 | 0.012 | 0.012 | |
| 2/27/2019 9:08 | 0.536 | 0.516 | 0.012 | 0.012 | |
| 2/27/2019 9:09 | 0.542 | 0.519 | 0.013 | 0.012 | |
| 2/27/2019 9:10 | 0.546 | 0.523 | 0.013 | 0.012 | |
| 2/27/2019 9:11 | 0.552 | 0.527 | 0.013 | 0.012 | |
| 2/27/2019 9:12 | 0.561 | 0.531 | 0.013 | 0.012 | |
| 2/27/2019 9:13 | 0.559 | 0.534 | 0.013 | 0.012 | |
| 2/27/2019 9:14 | 0.562 | 0.537 | 0.013 | 0.013 | |
| 2/27/2019 9:15 | 0.564 | 0.541 | 0.013 | 0.013 | |
| 2/27/2019 9:16 | 0.566 | 0.544 | 0.013 | 0.013 | |
| 2/27/2019 9:17 | 0.566 | 0.547 | 0.013 | 0.013 | |
| 2/27/2019 9:18 | 0.58 | 0.551 | 0.013 | 0.013 | |
| 2/27/2019 9:19 | 0.585 | 0.555 | 0.014 | 0.013 | |
| 2/27/2019 9:20 | 0.581 | 0.559 | 0.014 | 0.013 | |
| 2/27/2019 9:21 | 0.582 | 0.562 | 0.013 | 0.013 | |
| 2/27/2019 9:22 | 0.581 | 0.564 | 0.014 | 0.013 | |
| 2/27/2019 9:23 | 0.58 | 0.567 | 0.013 | 0.013 | |
| 2/27/2019 9:24 | 0.583 | 0.570 | 0.013 | 0.013 | |
| 2/27/2019 9:25 | 0.583 | 0.572 | 0.013 | 0.013 | |
| 2/27/2019 9:26 | 0.594 | 0.575 | 0.013 | 0.013 | |
| 2/27/2019 9:27 | 0.591 | 0.577 | 0.014 | 0.013 | |
| 2/27/2019 9:28 | 0.599 | 0.580 | 0.014 | 0.013 | |
| 2/27/2019 9:29 | 0.602 | 0.583 | 0.014 | 0.013 | |
| 2/27/2019 9:30 | 0.611 | 0.586 | 0.014 | 0.014 | |
| 2/27/2019 9:31 | 0.61 | 0.589 | 0.014 | 0.014 | |
| 2/27/2019 9:32 | 0.607 | 0.591 | 0.014 | 0.014 | |
| 2/27/2019 9:33 | 0.608 | 0.593 | 0.014 | 0.014 | |
| 2/27/2019 9:34 | 0.611 | 0.595 | 0.014 | 0.014 | |
| 2/27/2019 9:35 | 0.613 | 0.597 | 0.014 | 0.014 | |
| 2/27/2019 9:36 | 0.622 | 0.600 | 0.014 | 0.014 | |
| 2/27/2019 9:37 | 0.625 | 0.603 | 0.014 | 0.014 | |
| 2/27/2019 9:38 | 0.633 | 0.606 | 0.014 | 0.014 | |
| 2/27/2019 9:39 | 0.622 | 0.609 | 0.014 | 0.014 | |
| 2/27/2019 9:40 | 0.627 | 0.612 | 0.014 | 0.014 | |
| 2/27/2019 9:41 | 0.633 | 0.614 | 0.014 | 0.014 | |
| 2/27/2019 9:42 | 0.634 | 0.617 | 0.014 | 0.014 | |
| 2/27/2019 9:43 | 0.637 | 0.620 | 0.014 | 0.014 | |
| 2/27/2019 9:44 | 0.638 | 0.622 | 0.014 | 0.014 | |
| 2/27/2019 9:45 | 0.643 | 0.624 | 0.014 | 0.014 | |

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|---|---|---|---|---|---|
| 2/27/2019 9:46 | 0.647 | 0.627 | 0.015 | 0.014 | |
| 2/27/2019 9:47 | 0.647 | 0.629 | 0.015 | 0.014 | |
| 2/27/2019 9:48 | 0.646 | 0.632 | 0.015 | 0.014 | |
| 2/27/2019 9:49 | 0.655 | 0.635 | 0.015 | 0.014 | |
| 2/27/2019 9:50 | 0.656 | 0.638 | 0.015 | 0.014 | |
| 2/27/2019 9:51 | 0.657 | 0.640 | 0.015 | 0.014 | |
| 2/27/2019 9:52 | 0.653 | 0.642 | 0.015 | 0.015 | |
| 2/27/2019 9:53 | 0.656 | 0.643 | 0.015 | 0.015 | |
| 2/27/2019 9:54 | 0.656 | 0.646 | 0.015 | 0.015 | |
| 2/27/2019 9:55 | 0.659 | 0.648 | 0.015 | 0.015 | |
| 2/27/2019 9:56 | 0.66 | 0.650 | 0.015 | 0.015 | |
| 2/27/2019 9:57 | 0.662 | 0.652 | 0.015 | 0.015 | |
| 2/27/2019 9:58 | 0.666 | 0.653 | 0.015 | 0.015 | |
| 2/27/2019 9:59 | 0.664 | 0.655 | 0.016 | 0.015 | |
| 2/27/2019 10:00 | 0.665 | 0.657 | 0.015 | 0.015 | |
| 2/27/2019 10:01 | 0.669 | 0.658 | 0.016 | 0.015 | |
| 2/27/2019 10:02 | 0.67 | 0.660 | 0.016 | 0.015 | |
| 2/27/2019 10:03 | 0.667 | 0.661 | 0.016 | 0.015 | |
| 2/27/2019 10:04 | 0.674 | 0.662 | 0.016 | 0.015 | |
| 2/27/2019 10:05 | 0.677 | 0.664 | 0.016 | 0.015 | |
| 2/27/2019 10:06 | 0.673 | 0.665 | 0.016 | 0.016 | |
| 2/27/2019 10:07 | 0.675 | 0.666 | 0.016 | 0.016 | |
| 2/27/2019 10:08 | 0.673 | 0.667 | 0.016 | 0.016 | |
| 2/27/2019 10:09 | 0.676 | 0.669 | 0.016 | 0.016 | |
| 2/27/2019 10:10 | 0.679 | 0.670 | 0.016 | 0.016 | |
| 2/27/2019 10:11 | 0.683 | 0.672 | 0.016 | 0.016 | |
| 2/27/2019 10:12 | 0.689 | 0.673 | 0.016 | 0.016 | |
| 2/27/2019 10:13 | 0.685 | 0.675 | 0.016 | 0.016 | |
| 2/27/2019 10:14 | 0.681 | 0.676 | 0.017 | 0.016 | |
| 2/27/2019 10:15 | 0.683 | 0.677 | 0.017 | 0.016 | |
| 2/27/2019 10:16 | 0.688 | 0.678 | 0.017 | 0.016 | |
| 2/27/2019 10:17 | 0.686 | 0.679 | 0.017 | 0.016 | |
| 2/27/2019 10:18 | 0.69 | 0.681 | 0.017 | 0.016 | |
| 2/27/2019 10:19 | 0.688 | 0.682 | 0.017 | 0.016 | |
| 2/27/2019 10:20 | 0.691 | 0.683 | 0.017 | 0.017 | |
| 2/27/2019 10:21 | 0.695 | 0.684 | 0.017 | 0.017 | |
| 2/27/2019 10:22 | 0.69 | 0.685 | 0.017 | 0.017 | |
| 2/27/2019 10:23 | 0.688 | 0.686 | 0.017 | 0.017 | |
| 2/27/2019 10:24 | 0.696 | 0.688 | 0.017 | 0.017 | |
| 2/27/2019 10:25 | 0.693 | 0.688 | 0.017 | 0.017 | |
| 2/27/2019 10:26 | 0.69 | 0.689 | 0.017 | 0.017 | |
| 2/27/2019 10:27 | 0.689 | 0.689 | 0.017 | 0.017 | |
| 2/27/2019 10:28 | 0.698 | 0.690 | 0.017 | 0.017 | |
| 2/27/2019 10:29 | 0.691 | 0.690 | 0.017 | 0.017 | |
| 2/27/2019 10:30 | 0.699 | 0.692 | 0.017 | 0.017 | |
| 2/27/2019 10:31 | 0.702 | 0.692 | 0.017 | 0.017 | |
| 2/27/2019 10:32 | 0.703 | 0.694 | 0.017 | 0.017 | |
| 2/27/2019 10:33 | 0.704 | 0.695 | 0.017 | 0.017 | |
| 2/27/2019 10:34 | 0.702 | 0.695 | 0.017 | 0.017 | |
| 2/27/2019 10:35 | 0.704 | 0.696 | 0.017 | 0.017 | |
| 2/27/2019 10:36 | 0.71 | 0.697 | 0.017 | 0.017 | |
| 2/27/2019 10:37 | 0.706 | 0.698 | 0.017 | 0.017 | |
| 2/27/2019 10:38 | 0.714 | 0.700 | 0.017 | 0.017 | |
| 2/27/2019 10:39 | 0.708 | 0.701 | 0.017 | 0.017 | |
| 2/27/2019 10:40 | 0.705 | 0.702 | 0.017 | 0.017 | |
| 2/27/2019 10:41 | 0.712 | 0.703 | 0.018 | 0.017 | |
| 2/27/2019 10:42 | 0.707 | 0.704 | 0.017 | 0.017 | |
| 2/27/2019 10:43 | 0.714 | 0.705 | 0.017 | 0.017 | |
| 2/27/2019 10:44 | 0.713 | 0.707 | 0.017 | 0.017 | |
| 2/27/2019 10:45 | 0.71 | 0.708 | 0.017 | 0.017 | |
| 2/27/2019 10:46 | 0.716 | 0.709 | 0.018 | 0.017 | |
| 2/27/2019 10:47 | 0.718 | 0.710 | 0.018 | 0.017 | |
| 2/27/2019 10:48 | 0.716 | 0.710 | 0.018 | 0.017 | |
| 2/27/2019 10:49 | 0.718 | 0.711 | 0.018 | 0.017 | |
| 2/27/2019 10:50 | 0.722 | 0.713 | 0.018 | 0.017 | |
| 2/27/2019 10:51 | 0.72 | 0.713 | 0.018 | 0.018 | |
| 2/27/2019 10:52 | 0.726 | 0.715 | 0.018 | 0.018 | |
| 2/27/2019 10:53 | 0.719 | 0.715 | 0.019 | 0.018 | |
| 2/27/2019 10:54 | 0.715 | 0.715 | 0.018 | 0.018 | |
| 2/27/2019 10:55 | 0.717 | 0.716 | 0.019 | 0.018 | |
| 2/27/2019 10:56 | 0.727 | 0.717 | 0.02 | 0.018 | |
| 2/27/2019 10:57 | 0.729 | 0.719 | 0.019 | 0.018 | |
| 2/27/2019 10:58 | 0.732 | 0.720 | 0.018 | 0.018 | |
| 2/27/2019 10:59 | 0.734 | 0.721 | 0.019 | 0.018 | |
| 2/27/2019 11:00 | 0.731 | 0.723 | 0.019 | 0.019 | |
| 2/27/2019 11:01 | 0.736 | 0.724 | 0.019 | 0.019 | |
| 2/27/2019 11:02 | 0.731 | 0.725 | 0.019 | 0.019 | |
| 2/27/2019 11:03 | 0.731 | 0.726 | 0.019 | 0.019 | |
| 2/27/2019 11:04 | 0.744 | 0.728 | 0.019 | 0.019 | |
| 2/27/2019 11:05 | 0.736 | 0.729 | 0.019 | 0.019 | |
| 2/27/2019 11:06 | 0.74 | 0.730 | 0.019 | 0.019 | |

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| 2/27/2019 11:07 | 0.743 | 0.731 | 0.019 | 0.019 | |
| 2/27/2019 11:08 | 0.742 | 0.733 | 0.019 | 0.019 | |
| 2/27/2019 11:09 | 0.742 | 0.734 | 0.019 | 0.019 | |
| 2/27/2019 11:10 | 0.737 | 0.736 | 0.019 | 0.019 | |
| 2/27/2019 11:11 | 0.74 | 0.737 | 0.019 | 0.019 | |
| 2/27/2019 11:12 | 0.747 | 0.738 | 0.019 | 0.019 | |
| 2/27/2019 11:13 | 0.747 | 0.739 | 0.019 | 0.019 | |
| 2/27/2019 11:14 | 0.747 | 0.740 | 0.019 | 0.019 | |
| 2/27/2019 11:15 | 0.745 | 0.741 | 0.019 | 0.019 | |
| 2/27/2019 11:16 | 0.745 | 0.741 | 0.019 | 0.019 | |
| 2/27/2019 11:17 | 0.748 | 0.742 | 0.019 | 0.019 | |
| 2/27/2019 11:18 | 0.749 | 0.744 | 0.019 | 0.019 | |
| 2/27/2019 11:19 | 0.748 | 0.744 | 0.019 | 0.019 | |
| 2/27/2019 11:20 | 0.748 | 0.745 | 0.019 | 0.019 | |
| 2/27/2019 11:21 | 0.751 | 0.745 | 0.019 | 0.019 | |
| 2/27/2019 11:22 | 0.748 | 0.746 | 0.019 | 0.019 | |
| 2/27/2019 11:23 | 0.752 | 0.746 | 0.019 | 0.019 | |
| 2/27/2019 11:24 | 0.747 | 0.747 | 0.019 | 0.019 | |
| 2/27/2019 11:25 | 0.749 | 0.747 | 0.019 | 0.019 | |
| 2/27/2019 11:26 | 0.759 | 0.749 | 0.019 | 0.019 | |
| 2/27/2019 11:27 | 0.753 | 0.749 | 0.02 | 0.019 | |
| 2/27/2019 11:28 | 0.752 | 0.749 | 0.02 | 0.019 | |
| 2/27/2019 11:29 | 0.753 | 0.750 | 0.02 | 0.019 | |
| 2/27/2019 11:30 | 0.748 | 0.750 | 0.019 | 0.019 | |
| 2/27/2019 11:31 | 0.751 | 0.750 | 0.019 | 0.019 | |
| 2/27/2019 11:32 | 0.751 | 0.751 | 0.019 | 0.019 | |
| 2/27/2019 11:33 | 0.747 | 0.751 | 0.019 | 0.019 | |
| 2/27/2019 11:34 | 0.75 | 0.751 | 0.02 | 0.019 | |
| 2/27/2019 11:35 | 0.747 | 0.751 | 0.019 | 0.019 | |
| 2/27/2019 11:36 | 0.75 | 0.751 | 0.02 | 0.019 | |
| 2/27/2019 11:37 | 0.751 | 0.751 | 0.019 | 0.019 | |
| 2/27/2019 11:38 | 0.748 | 0.750 | 0.019 | 0.019 | |
| 2/27/2019 11:39 | 0.757 | 0.751 | 0.02 | 0.019 | |
| 2/27/2019 11:40 | 0.76 | 0.752 | 0.019 | 0.019 | |
| 2/27/2019 11:41 | 0.752 | 0.751 | 0.02 | 0.020 | |
| 2/27/2019 11:42 | 0.752 | 0.751 | 0.02 | 0.020 | |
| 2/27/2019 11:43 | 0.75 | 0.751 | 0.019 | 0.019 | |
| 2/27/2019 11:44 | 0.763 | 0.752 | 0.02 | 0.019 | |
| 2/27/2019 11:45 | 0.757 | 0.752 | 0.019 | 0.019 | |
| 2/27/2019 11:46 | 0.751 | 0.752 | 0.02 | 0.020 | |
| 2/27/2019 11:47 | 0.758 | 0.753 | 0.019 | 0.020 | |
| 2/27/2019 11:48 | 0.758 | 0.754 | 0.02 | 0.020 | |
| 2/27/2019 11:49 | 0.755 | 0.754 | 0.02 | 0.020 | |
| 2/27/2019 11:50 | 0.764 | 0.755 | 0.02 | 0.020 | |
| 2/27/2019 11:51 | 0.763 | 0.756 | 0.02 | 0.020 | |
| 2/27/2019 11:52 | 0.761 | 0.757 | 0.02 | 0.020 | |
| 2/27/2019 11:53 | 0.759 | 0.757 | 0.02 | 0.020 | |
| 2/27/2019 11:54 | 0.756 | 0.757 | 0.02 | 0.020 | |
| 2/27/2019 11:55 | 0.75 | 0.757 | 0.02 | 0.020 | |
| 2/27/2019 11:56 | 0.76 | 0.757 | 0.02 | 0.020 | |
| 2/27/2019 11:57 | 0.76 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 11:58 | 0.763 | 0.759 | 0.02 | 0.020 | |
| 2/27/2019 11:59 | 0.752 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:00 | 0.756 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:01 | 0.755 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:02 | 0.757 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:03 | 0.753 | 0.758 | 0.021 | 0.020 | |
| 2/27/2019 12:04 | 0.763 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:05 | 0.762 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:06 | 0.757 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:07 | 0.755 | 0.757 | 0.02 | 0.020 | |
| 2/27/2019 12:08 | 0.757 | 0.757 | 0.02 | 0.020 | |
| 2/27/2019 12:09 | 0.758 | 0.757 | 0.02 | 0.020 | |
| 2/27/2019 12:10 | 0.76 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:11 | 0.759 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:12 | 0.761 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:13 | 0.759 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:14 | 0.766 | 0.759 | 0.02 | 0.020 | |
| 2/27/2019 12:15 | 0.756 | 0.759 | 0.021 | 0.020 | |
| 2/27/2019 12:16 | 0.758 | 0.759 | 0.02 | 0.020 | |
| 2/27/2019 12:17 | 0.754 | 0.759 | 0.021 | 0.020 | |
| 2/27/2019 12:18 | 0.753 | 0.759 | 0.02 | 0.020 | |
| 2/27/2019 12:19 | 0.76 | 0.758 | 0.02 | 0.020 | |
| 2/27/2019 12:20 | 0.766 | 0.759 | 0.02 | 0.020 | |
| 2/27/2019 12:21 | 0.765 | 0.759 | 0.021 | 0.020 | |
| 2/27/2019 12:22 | 0.76 | 0.760 | 0.021 | 0.020 | |
| 2/27/2019 12:23 | 0.76 | 0.760 | 0.021 | 0.020 | |
| 2/27/2019 12:24 | 0.756 | 0.760 | 0.021 | 0.020 | |
| 2/27/2019 12:25 | 0.756 | 0.759 | 0.021 | 0.021 | |
| 2/27/2019 12:26 | 0.76 | 0.759 | 0.021 | 0.021 | |
| 2/27/2019 12:27 | 0.758 | 0.759 | 0.021 | 0.021 | |

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|---|---|---|---|---|---|
| 2/27/2019 12:28 | 0.767 | 0.760 | 0.021 | 0.021 | |
| 2/27/2019 12:29 | 0.766 | 0.760 | 0.02 | 0.021 | |
| 2/27/2019 12:30 | 0.77 | 0.761 | 0.021 | 0.021 | |
| 2/27/2019 12:31 | 0.764 | 0.761 | 0.021 | 0.021 | |
| 2/27/2019 12:32 | 0.757 | 0.761 | 0.021 | 0.021 | |
| 2/27/2019 12:33 | 0.768 | 0.762 | 0.021 | 0.021 | |
| 2/27/2019 12:34 | 0.77 | 0.763 | 0.021 | 0.021 | |
| 2/27/2019 12:35 | 0.766 | 0.763 | 0.021 | 0.021 | |
| 2/27/2019 12:36 | 0.766 | 0.763 | 0.021 | 0.021 | |
| 2/27/2019 12:37 | 0.768 | 0.764 | 0.021 | 0.021 | |
| 2/27/2019 12:38 | 0.771 | 0.764 | 0.021 | 0.021 | |
| 2/27/2019 12:39 | 0.771 | 0.765 | 0.021 | 0.021 | |
| 2/27/2019 12:40 | 0.77 | 0.766 | 0.021 | 0.021 | |
| 2/27/2019 12:41 | 0.769 | 0.767 | 0.021 | 0.021 | |
| 2/27/2019 12:42 | 0.783 | 0.768 | 0.021 | 0.021 | |
| 2/27/2019 12:43 | 0.78 | 0.769 | 0.021 | 0.021 | |
| 2/27/2019 12:44 | 0.781 | 0.770 | 0.021 | 0.021 | |
| 2/27/2019 12:45 | 0.773 | 0.771 | 0.021 | 0.021 | |
| 2/27/2019 12:46 | 0.778 | 0.771 | 0.021 | 0.021 | |
| 2/27/2019 12:47 | 0.784 | 0.773 | 0.021 | 0.021 | |
| 2/27/2019 12:48 | 0.78 | 0.774 | 0.021 | 0.021 | |
| 2/27/2019 12:49 | 0.781 | 0.775 | 0.021 | 0.021 | |
| 2/27/2019 12:50 | 0.784 | 0.776 | 0.021 | 0.021 | |
| 2/27/2019 12:51 | 0.784 | 0.777 | 0.021 | 0.021 | |
| 2/27/2019 12:52 | 0.783 | 0.778 | 0.021 | 0.021 | |
| 2/27/2019 12:53 | 0.784 | 0.779 | 0.021 | 0.021 | |
| 2/27/2019 12:54 | 0.776 | 0.779 | 0.022 | 0.021 | |
| 2/27/2019 12:55 | 0.782 | 0.780 | 0.022 | 0.021 | |
| 2/27/2019 12:56 | 0.781 | 0.781 | 0.022 | 0.021 | |
| 2/27/2019 12:57 | 0.785 | 0.781 | 0.022 | 0.021 | |
| 2/27/2019 12:58 | 0.784 | 0.781 | 0.021 | 0.021 | |
| 2/27/2019 12:59 | 0.783 | 0.782 | 0.022 | 0.021 | |
| 2/27/2019 13:00 | 0.787 | 0.782 | 0.022 | 0.021 | |
| 2/27/2019 13:01 | 0.781 | 0.783 | 0.022 | 0.022 | |
| 2/27/2019 13:02 | 0.783 | 0.783 | 0.022 | 0.022 | |
| 2/27/2019 13:03 | 0.789 | 0.783 | 0.022 | 0.022 | |
| 2/27/2019 13:04 | 0.78 | 0.783 | 0.022 | 0.022 | |
| 2/27/2019 13:05 | 0.781 | 0.783 | 0.022 | 0.022 | |
| 2/27/2019 13:06 | 0.787 | 0.783 | 0.022 | 0.022 | |
| 2/27/2019 13:07 | 0.784 | 0.783 | 0.022 | 0.022 | |
| 2/27/2019 13:08 | 0.788 | 0.783 | 0.022 | 0.022 | |
| 2/27/2019 13:09 | 0.781 | 0.784 | 0.022 | 0.022 | |
| 2/27/2019 13:10 | 0.781 | 0.784 | 0.022 | 0.022 | |
| 2/27/2019 13:11 | 0.793 | 0.785 | 0.022 | 0.022 | |
| 2/27/2019 13:12 | 0.785 | 0.785 | 0.022 | 0.022 | |
| 2/27/2019 13:13 | 0.781 | 0.784 | 0.023 | 0.022 | |
| 2/27/2019 13:14 | 0.792 | 0.785 | 0.023 | 0.022 | |
| 2/27/2019 13:15 | 0.782 | 0.785 | 0.022 | 0.022 | |
| 2/27/2019 13:16 | 0.789 | 0.785 | 0.022 | 0.022 | |
| 2/27/2019 13:17 | 0.791 | 0.786 | 0.022 | 0.022 | |
| 2/27/2019 13:18 | 0.796 | 0.786 | 0.022 | 0.022 | |
| 2/27/2019 13:19 | 0.795 | 0.787 | 0.022 | 0.022 | |
| 2/27/2019 13:20 | 0.795 | 0.788 | 0.023 | 0.022 | |
| 2/27/2019 13:21 | 0.79 | 0.788 | 0.023 | 0.022 | |
| 2/27/2019 13:22 | 0.797 | 0.789 | 0.022 | 0.022 | |
| 2/27/2019 13:23 | 0.786 | 0.789 | 0.023 | 0.022 | |
| 2/27/2019 13:24 | 0.793 | 0.790 | 0.024 | 0.023 | |
| 2/27/2019 13:25 | 0.797 | 0.791 | 0.023 | 0.023 | |
| 2/27/2019 13:26 | 0.795 | 0.791 | 0.023 | 0.023 | |
| 2/27/2019 13:27 | 0.794 | 0.792 | 0.023 | 0.023 | |
| 2/27/2019 13:28 | 0.793 | 0.792 | 0.023 | 0.023 | |
| 2/27/2019 13:29 | 0.795 | 0.793 | 0.023 | 0.023 | |
| 2/27/2019 13:30 | 0.789 | 0.793 | 0.024 | 0.023 | |
| 2/27/2019 13:31 | 0.787 | 0.793 | 0.025 | 0.023 | |
| 2/27/2019 13:32 | 0.789 | 0.793 | 0.024 | 0.023 | |
| 2/27/2019 13:33 | 0.79 | 0.792 | 0.023 | 0.023 | |
| 2/27/2019 13:34 | 0.795 | 0.792 | 0.023 | 0.023 | |
| 2/27/2019 13:35 | 0.8 | 0.793 | 0.023 | 0.023 | |
| 2/27/2019 13:36 | 0.793 | 0.793 | 0.023 | 0.023 | |
| 2/27/2019 13:37 | 0.794 | 0.793 | 0.023 | 0.023 | |
| 2/27/2019 13:38 | 0.791 | 0.793 | 0.023 | 0.023 | |
| 2/27/2019 13:39 | 0.792 | 0.793 | 0.023 | 0.023 | |
| 2/27/2019 13:40 | 0.791 | 0.793 | 0.023 | 0.023 | |
| 2/27/2019 13:41 | 0.79 | 0.792 | 0.023 | 0.023 | |
| 2/27/2019 13:42 | 0.796 | 0.792 | 0.023 | 0.023 | |
| 2/27/2019 13:43 | 0.791 | 0.792 | 0.024 | 0.023 | |
| 2/27/2019 13:44 | 0.784 | 0.792 | 0.024 | 0.023 | |
| 2/27/2019 13:45 | 0.793 | 0.792 | 0.023 | 0.023 | |
| 2/27/2019 13:46 | 0.789 | 0.792 | 0.023 | 0.023 | |
| 2/27/2019 13:47 | 0.794 | 0.792 | 0.024 | 0.023 | |
| 2/27/2019 13:48 | 0.791 | 0.792 | 0.023 | 0.023 | |

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|---|---|---|---|---|---|
| 2/27/2019 13:49 | 0.798 | 0.793 | 0.024 | 0.023 | |
| 2/27/2019 13:50 | 0.793 | 0.792 | 0.024 | 0.023 | |
| 2/27/2019 13:51 | 0.792 | 0.792 | 0.024 | 0.023 | |
| 2/27/2019 13:52 | 0.79 | 0.792 | 0.024 | 0.024 | |
| 2/27/2019 13:53 | 0.794 | 0.792 | 0.024 | 0.024 | |
| 2/27/2019 13:54 | 0.793 | 0.792 | 0.025 | 0.024 | |
| 2/27/2019 13:55 | 0.789 | 0.792 | 0.024 | 0.024 | |
| 2/27/2019 13:56 | 0.787 | 0.792 | 0.024 | 0.024 | |
| 2/27/2019 13:57 | 0.785 | 0.791 | 0.024 | 0.024 | |
| 2/27/2019 13:58 | 0.787 | 0.791 | 0.024 | 0.024 | |
| 2/27/2019 13:59 | 0.798 | 0.792 | 0.024 | 0.024 | |
| 2/27/2019 14:00 | 0.787 | 0.791 | 0.024 | 0.024 | |
| 2/27/2019 14:01 | 0.789 | 0.791 | 0.025 | 0.024 | |
| 2/27/2019 14:02 | 0.79 | 0.791 | 0.025 | 0.024 | |
| 2/27/2019 14:03 | 0.789 | 0.791 | 0.024 | 0.024 | |
| 2/27/2019 14:04 | 0.785 | 0.790 | 0.024 | 0.024 | |
| 2/27/2019 14:05 | 0.795 | 0.790 | 0.024 | 0.024 | |
| 2/27/2019 14:06 | 0.79 | 0.790 | 0.025 | 0.024 | |
| 2/27/2019 14:07 | 0.784 | 0.790 | 0.025 | 0.024 | |
| 2/27/2019 14:08 | 0.783 | 0.789 | 0.025 | 0.024 | |
| 2/27/2019 14:09 | 0.786 | 0.788 | 0.025 | 0.024 | |
| 2/27/2019 14:10 | 0.79 | 0.788 | 0.025 | 0.025 | |
| 2/27/2019 14:11 | 0.786 | 0.788 | 0.025 | 0.025 | |
| 2/27/2019 14:12 | 0.787 | 0.788 | 0.026 | 0.025 | |
| 2/27/2019 14:13 | 0.788 | 0.789 | 0.025 | 0.025 | |
| 2/27/2019 14:14 | 0.781 | 0.787 | 0.025 | 0.025 | |
| 2/27/2019 14:15 | 0.786 | 0.787 | 0.025 | 0.025 | |
| 2/27/2019 14:16 | 0.786 | 0.787 | 0.025 | 0.025 | |
| 2/27/2019 14:17 | 0.786 | 0.787 | 0.026 | 0.025 | |
| 2/27/2019 14:18 | 0.795 | 0.787 | 0.025 | 0.025 | |
| 2/27/2019 14:19 | 0.795 | 0.788 | 0.026 | 0.025 | |
| 2/27/2019 14:20 | 0.789 | 0.788 | 0.026 | 0.025 | |
| 2/27/2019 14:21 | 0.782 | 0.787 | 0.026 | 0.025 | |
| 2/27/2019 14:22 | 0.78 | 0.787 | 0.026 | 0.025 | |
| 2/27/2019 14:23 | 0.794 | 0.787 | 0.026 | 0.026 | |
| 2/27/2019 14:24 | 0.791 | 0.788 | 0.026 | 0.026 | |
| 2/27/2019 14:25 | 0.789 | 0.788 | 0.026 | 0.026 | |
| 2/27/2019 14:26 | 0.794 | 0.788 | 0.026 | 0.026 | |
| 2/27/2019 14:27 | 0.789 | 0.788 | 0.026 | 0.026 | |
| 2/27/2019 14:28 | 0.794 | 0.789 | 0.027 | 0.026 | |
| 2/27/2019 14:29 | 0.793 | 0.790 | 0.027 | 0.026 | |
| 2/27/2019 14:30 | 0.791 | 0.790 | 0.027 | 0.026 | |
| 2/27/2019 14:31 | 0.797 | 0.791 | 0.027 | 0.026 | |
| 2/27/2019 14:32 | 0.795 | 0.791 | 0.027 | 0.026 | |
| 2/27/2019 14:33 | 0.793 | 0.791 | 0.027 | 0.026 | |
| 2/27/2019 14:34 | 0.793 | 0.791 | 0.027 | 0.027 | |
| 2/27/2019 14:35 | 0.795 | 0.791 | 0.027 | 0.027 | |
| 2/27/2019 14:36 | 0.802 | 0.793 | 0.027 | 0.027 | |
| 2/27/2019 14:37 | 0.799 | 0.794 | 0.027 | 0.027 | |
| 2/27/2019 14:38 | 0.8 | 0.794 | 0.028 | 0.027 | |
| 2/27/2019 14:39 | 0.799 | 0.795 | 0.028 | 0.027 | |
| 2/27/2019 14:40 | 0.797 | 0.795 | 0.028 | 0.027 | |
| 2/27/2019 14:41 | 0.802 | 0.796 | 0.028 | 0.027 | |
| 2/27/2019 14:42 | 0.803 | 0.797 | 0.028 | 0.027 | |
| 2/27/2019 14:43 | 0.801 | 0.797 | 0.027 | 0.027 | |
| 2/27/2019 14:44 | 0.807 | 0.798 | 0.028 | 0.027 | |
| 2/27/2019 14:45 | 0.803 | 0.799 | 0.028 | 0.028 | Stop Work |

**Notes:**

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.
2. VOC concentrations monitored with a RAE Systems minRAE3000.
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10

**Key:**

$mg/m^3$ = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound

| Timestamp (GMT-4) | Instantaneous VOC Concentration (ppm) | 15-Minute Running Average VOC Concentration (ppm) | Instantaneous Particulate Concentration (mg/m³) | 15-Minute Running Average Particulate Concentration (mg/m³) | Field Notes |
|---|---|---|---|---|---|
| 2/28/2019 12:08 | 0.105 | 0.111 | 0.013 | 0.017 | Start Work, PID and DustTrak calibrated to manufacturers specifications. |
| 2/28/2019 12:09 | 0.108 | 0.111 | 0.013 | 0.017 | |
| 2/28/2019 12:10 | 0.112 | 0.111 | 0.013 | 0.017 | |
| 2/28/2019 12:11 | 0.114 | 0.111 | 0.013 | 0.017 | |
| 2/28/2019 12:12 | 0.12 | 0.113 | 0.013 | 0.017 | |
| 2/28/2019 12:13 | 0.122 | 0.114 | 0.013 | 0.017 | |
| 2/28/2019 12:14 | 0.125 | 0.115 | 0.013 | 0.017 | |
| 2/28/2019 12:15 | 0.134 | 0.117 | 0.013 | 0.017 | |
| 2/28/2019 12:16 | 0.137 | 0.119 | 0.012 | 0.013 | |
| 2/28/2019 12:17 | 0.145 | 0.121 | 0.013 | 0.013 | |
| 2/28/2019 12:18 | 0.15 | 0.123 | 0.012 | 0.013 | |
| 2/28/2019 12:19 | 0.152 | 0.125 | 0.012 | 0.013 | |
| 2/28/2019 12:20 | 0.155 | 0.127 | 0.012 | 0.013 | |
| 2/28/2019 12:21 | 0.155 | 0.130 | 0.012 | 0.013 | |
| 2/28/2019 12:22 | 0.158 | 0.133 | 0.012 | 0.013 | |
| 2/28/2019 12:23 | 0.16 | 0.137 | 0.012 | 0.013 | |
| 2/28/2019 12:24 | 0.162 | 0.140 | 0.013 | 0.013 | |
| 2/28/2019 12:25 | 0.156 | 0.143 | 0.013 | 0.013 | |
| 2/28/2019 12:26 | 0.159 | 0.146 | 0.012 | 0.013 | |
| 2/28/2019 12:27 | 0.163 | 0.149 | 0.012 | 0.012 | |
| 2/28/2019 12:28 | 0.162 | 0.152 | 0.012 | 0.012 | |
| 2/28/2019 12:29 | 0.159 | 0.154 | 0.013 | 0.012 | |
| 2/28/2019 12:30 | 0.164 | 0.156 | 0.012 | 0.012 | |
| 2/28/2019 12:31 | 0.165 | 0.158 | 0.013 | 0.012 | |
| 2/28/2019 12:32 | 0.162 | 0.159 | 0.013 | 0.012 | |
| 2/28/2019 12:33 | 0.165 | 0.160 | 0.013 | 0.012 | |
| 2/28/2019 12:34 | 0.163 | 0.161 | 0.012 | 0.012 | |
| 2/28/2019 12:35 | 0.166 | 0.161 | 0.012 | 0.012 | |
| 2/28/2019 12:36 | 0.167 | 0.162 | 0.012 | 0.012 | |
| 2/28/2019 12:37 | 0.169 | 0.163 | 0.012 | 0.012 | |
| 2/28/2019 12:38 | 0.169 | 0.163 | 0.012 | 0.012 | |
| 2/28/2019 12:39 | 0.169 | 0.164 | 0.012 | 0.012 | |
| 2/28/2019 12:40 | 0.174 | 0.165 | 0.012 | 0.012 | |
| 2/28/2019 12:41 | 0.174 | 0.166 | 0.012 | 0.012 | |
| 2/28/2019 12:42 | 0.174 | 0.167 | 0.012 | 0.012 | |
| 2/28/2019 12:43 | 0.179 | 0.168 | 0.012 | 0.012 | |
| 2/28/2019 12:44 | 0.182 | 0.170 | 0.012 | 0.012 | |
| 2/28/2019 12:45 | 0.187 | 0.171 | 0.012 | 0.012 | |
| 2/28/2019 12:46 | 0.192 | 0.173 | 0.012 | 0.012 | |
| 2/28/2019 12:47 | 0.194 | 0.175 | 0.012 | 0.012 | |
| 2/28/2019 12:48 | 0.2 | 0.177 | 0.012 | 0.012 | |
| 2/28/2019 12:49 | 0.204 | 0.180 | 0.012 | 0.012 | |
| 2/28/2019 12:50 | 0.206 | 0.183 | 0.012 | 0.012 | |
| 2/28/2019 12:51 | 0.211 | 0.186 | 0.012 | 0.012 | |
| 2/28/2019 12:52 | 0.212 | 0.189 | 0.012 | 0.012 | |
| 2/28/2019 12:53 | 0.218 | 0.192 | 0.012 | 0.012 | |
| 2/28/2019 12:54 | 0.224 | 0.195 | 0.012 | 0.012 | |
| 2/28/2019 12:55 | 0.228 | 0.199 | 0.012 | 0.012 | |
| 2/28/2019 12:56 | 0.232 | 0.203 | 0.012 | 0.012 | |
| 2/28/2019 12:57 | 0.234 | 0.207 | 0.012 | 0.012 | |
| 2/28/2019 12:58 | 0.238 | 0.211 | 0.012 | 0.012 | |
| 2/28/2019 12:59 | 0.242 | 0.215 | 0.012 | 0.012 | |
| 2/28/2019 13:00 | 0.245 | 0.219 | 0.012 | 0.012 | |
| 2/28/2019 13:01 | 0.251 | 0.223 | 0.012 | 0.012 | |
| 2/28/2019 13:02 | 0.253 | 0.227 | 0.012 | 0.012 | |
| 2/28/2019 13:03 | 0.255 | 0.230 | 0.013 | 0.012 | |
| 2/28/2019 13:04 | 0.262 | 0.234 | 0.012 | 0.012 | |
| 2/28/2019 13:05 | 0.263 | 0.238 | 0.012 | 0.012 | |
| 2/28/2019 13:06 | 0.267 | 0.242 | 0.012 | 0.012 | |
| 2/28/2019 13:07 | 0.272 | 0.246 | 0.012 | 0.012 | |
| 2/28/2019 13:08 | 0.273 | 0.249 | 0.012 | 0.012 | |
| 2/28/2019 13:09 | 0.278 | 0.253 | 0.012 | 0.012 | |
| 2/28/2019 13:10 | 0.279 | 0.256 | 0.015 | 0.012 | |
| 2/28/2019 13:11 | 0.28 | 0.260 | 0.014 | 0.012 | |
| 2/28/2019 13:12 | 0.283 | 0.263 | 0.013 | 0.013 | |
| 2/28/2019 13:13 | 0.282 | 0.266 | 0.013 | 0.013 | |
| 2/28/2019 13:14 | 0.286 | 0.269 | 0.012 | 0.013 | |
| 2/28/2019 13:15 | 0.29 | 0.272 | 0.013 | 0.013 | |
| 2/28/2019 13:16 | 0.294 | 0.275 | 0.013 | 0.013 | |
| 2/28/2019 13:17 | 0.301 | 0.278 | 0.013 | 0.013 | |
| 2/28/2019 13:18 | 0.3 | 0.281 | 0.014 | 0.013 | |
| 2/28/2019 13:19 | 0.302 | 0.283 | 0.013 | 0.013 | |
| 2/28/2019 13:20 | 0.303 | 0.286 | 0.013 | 0.013 | |
| 2/28/2019 13:21 | 0.304 | 0.289 | 0.014 | 0.013 | |
| 2/28/2019 13:22 | 0.306 | 0.291 | 0.013 | 0.013 | |
| 2/28/2019 13:23 | 0.308 | 0.293 | 0.014 | 0.013 | |

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|---|---|---|---|---|---|
| 2/28/2019 13:24 | 0.309 | 0.295 | 0.014 | 0.013 | |
| 2/28/2019 13:25 | 0.309 | 0.297 | 0.013 | 0.013 | |
| 2/28/2019 13:26 | 0.311 | 0.299 | 0.013 | 0.013 | |
| 2/28/2019 13:27 | 0.314 | 0.301 | 0.013 | 0.013 | |
| 2/28/2019 13:28 | 0.315 | 0.304 | 0.013 | 0.013 | |
| 2/28/2019 13:29 | 0.323 | 0.306 | 0.013 | 0.013 | |
| 2/28/2019 13:30 | 0.324 | 0.308 | 0.014 | 0.013 | |
| 2/28/2019 13:31 | 0.322 | 0.310 | 0.014 | 0.013 | |
| 2/28/2019 13:32 | 0.329 | 0.312 | 0.012 | 0.013 | |
| 2/28/2019 13:33 | 0.331 | 0.314 | 0.014 | 0.013 | |
| 2/28/2019 13:34 | 0.335 | 0.316 | 0.013 | 0.013 | |
| 2/28/2019 13:35 | 0.327 | 0.318 | 0.013 | 0.013 | |
| 2/28/2019 13:36 | 0.333 | 0.320 | 0.013 | 0.013 | |
| 2/28/2019 13:37 | 0.334 | 0.322 | 0.013 | 0.013 | |
| 2/28/2019 13:38 | 0.338 | 0.324 | 0.013 | 0.013 | |
| 2/28/2019 13:39 | 0.34 | 0.326 | 0.013 | 0.013 | |
| 2/28/2019 13:40 | 0.338 | 0.328 | 0.013 | 0.013 | |
| 2/28/2019 13:41 | 0.336 | 0.329 | 0.013 | 0.013 | |
| 2/28/2019 13:42 | 0.339 | 0.331 | 0.014 | 0.013 | |
| 2/28/2019 13:43 | 0.34 | 0.333 | 0.014 | 0.013 | |
| 2/28/2019 13:44 | 0.339 | 0.334 | 0.015 | 0.013 | |
| 2/28/2019 13:45 | 0.343 | 0.335 | 0.015 | 0.014 | |
| 2/28/2019 13:46 | 0.342 | 0.336 | 0.014 | 0.014 | |
| 2/28/2019 13:47 | 0.343 | 0.337 | 0.015 | 0.014 | |
| 2/28/2019 13:48 | 0.336 | 0.338 | 0.016 | 0.014 | |
| 2/28/2019 13:49 | 0.337 | 0.338 | 0.015 | 0.014 | |
| 2/28/2019 13:50 | 0.342 | 0.339 | 0.014 | 0.014 | |
| 2/28/2019 13:51 | 0.338 | 0.339 | 0.015 | 0.014 | |
| 2/28/2019 13:52 | 0.343 | 0.340 | 0.014 | 0.014 | |
| 2/28/2019 13:53 | 0.336 | 0.340 | 0.014 | 0.014 | |
| 2/28/2019 13:54 | 0.339 | 0.339 | 0.015 | 0.014 | |
| 2/28/2019 13:55 | 0.343 | 0.340 | 0.014 | 0.015 | |
| 2/28/2019 13:56 | 0.343 | 0.340 | 0.014 | 0.015 | |
| 2/28/2019 13:57 | 0.341 | 0.340 | 0.013 | 0.015 | |
| 2/28/2019 13:58 | 0.344 | 0.341 | 0.013 | 0.014 | |
| 2/28/2019 13:59 | 0.342 | 0.341 | 0.012 | 0.014 | |
| 2/28/2019 14:00 | 0.344 | 0.341 | 0.013 | 0.014 | |
| 2/28/2019 14:01 | 0.347 | 0.341 | 0.013 | 0.014 | |
| 2/28/2019 14:02 | 0.349 | 0.342 | 0.014 | 0.014 | |
| 2/28/2019 14:03 | 0.35 | 0.343 | 0.013 | 0.014 | |
| 2/28/2019 14:04 | 0.35 | 0.343 | 0.012 | 0.014 | |
| 2/28/2019 14:05 | 0.351 | 0.344 | 0.013 | 0.014 | |
| 2/28/2019 14:06 | 0.351 | 0.345 | 0.012 | 0.013 | |
| 2/28/2019 14:07 | 0.35 | 0.345 | 0.012 | 0.013 | |
| 2/28/2019 14:08 | 0.352 | 0.346 | 0.012 | 0.013 | |
| 2/28/2019 14:09 | 0.349 | 0.347 | 0.012 | 0.013 | |
| 2/28/2019 14:10 | 0.354 | 0.348 | 0.012 | 0.013 | |
| 2/28/2019 14:11 | 0.349 | 0.348 | 0.013 | 0.013 | |
| 2/28/2019 14:12 | 0.351 | 0.349 | 0.014 | 0.013 | |
| 2/28/2019 14:13 | 0.347 | 0.349 | 0.014 | 0.013 | |
| 2/28/2019 14:14 | 0.349 | 0.350 | 0.014 | 0.013 | |
| 2/28/2019 14:15 | 0.351 | 0.350 | 0.014 | 0.013 | |
| 2/28/2019 14:16 | 0.347 | 0.350 | 0.013 | 0.013 | |
| 2/28/2019 14:17 | 0.346 | 0.350 | 0.014 | 0.013 | |
| 2/28/2019 14:18 | 0.349 | 0.350 | 0.013 | 0.013 | |
| 2/28/2019 14:19 | 0.345 | 0.349 | 0.014 | 0.013 | |
| 2/28/2019 14:20 | 0.348 | 0.349 | 0.013 | 0.013 | |
| 2/28/2019 14:21 | 0.346 | 0.349 | 0.013 | 0.013 | |
| 2/28/2019 14:22 | 0.344 | 0.349 | 0.012 | 0.013 | |
| 2/28/2019 14:23 | 0.347 | 0.348 | 0.013 | 0.013 | |
| 2/28/2019 14:24 | 0.345 | 0.348 | 0.013 | 0.013 | |
| 2/28/2019 14:25 | 0.345 | 0.347 | 0.014 | 0.013 | |
| 2/28/2019 14:26 | 0.344 | 0.347 | 0.014 | 0.014 | |
| 2/28/2019 14:27 | 0.342 | 0.346 | 0.014 | 0.014 | |
| 2/28/2019 14:28 | 0.344 | 0.346 | 0.015 | 0.014 | |
| 2/28/2019 14:29 | 0.346 | 0.346 | 0.015 | 0.014 | |
| 2/28/2019 14:30 | 0.347 | 0.346 | 0.014 | 0.014 | |
| 2/28/2019 14:31 | 0.344 | 0.346 | 0.013 | 0.014 | |
| 2/28/2019 14:32 | 0.346 | 0.346 | 0.013 | 0.014 | |
| 2/28/2019 14:33 | 0.349 | 0.346 | 0.015 | 0.014 | |
| 2/28/2019 14:34 | 0.347 | 0.346 | 0.014 | 0.014 | |
| 2/28/2019 14:35 | 0.349 | 0.346 | 0.014 | 0.014 | |
| 2/28/2019 14:36 | 0.35 | 0.346 | 0.014 | 0.014 | |
| 2/28/2019 14:37 | 0.352 | 0.347 | 0.014 | 0.014 | |
| 2/28/2019 14:38 | 0.35 | 0.347 | 0.014 | 0.014 | |
| 2/28/2019 14:39 | 0.351 | 0.347 | 0.014 | 0.014 | |
| 2/28/2019 14:40 | 0.348 | 0.347 | 0.014 | 0.014 | |
| 2/28/2019 14:41 | 0.346 | 0.347 | 0.013 | 0.014 | |
| 2/28/2019 14:42 | 0.349 | 0.348 | 0.013 | 0.014 | |
| 2/28/2019 14:43 | 0.348 | 0.348 | 0.013 | 0.014 | |
| 2/28/2019 14:44 | 0.346 | 0.348 | 0.013 | 0.014 | |

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|---|---|---|---|---|---|
| 2/28/2019 14:45 | 0.344 | 0.348 | 0.013 | 0.014 | |
| 2/28/2019 14:46 | 0.343 | 0.348 | 0.013 | 0.014 | |
| 2/28/2019 14:47 | 0.342 | 0.348 | 0.013 | 0.014 | |
| 2/28/2019 14:48 | 0.344 | 0.347 | 0.012 | 0.013 | |
| 2/28/2019 14:49 | 0.343 | 0.347 | 0.013 | 0.013 | |
| 2/28/2019 14:50 | 0.345 | 0.347 | 0.012 | 0.013 | |
| 2/28/2019 14:51 | 0.345 | 0.346 | 0.013 | 0.013 | |
| 2/28/2019 14:52 | 0.346 | 0.346 | 0.013 | 0.013 | |
| 2/28/2019 14:53 | 0.346 | 0.346 | 0.013 | 0.013 | |
| 2/28/2019 14:54 | 0.343 | 0.345 | 0.013 | 0.013 | |
| 2/28/2019 14:55 | 0.34 | 0.345 | 0.012 | 0.013 | |
| 2/28/2019 14:56 | 0.337 | 0.344 | 0.012 | 0.013 | |
| 2/28/2019 14:57 | 0.339 | 0.343 | 0.012 | 0.013 | |
| 2/28/2019 14:58 | 0.34 | 0.343 | 0.012 | 0.013 | |
| 2/28/2019 14:59 | 0.342 | 0.343 | 0.012 | 0.013 | |
| 2/28/2019 15:00 | 0.348 | 0.343 | 0.012 | 0.013 | |
| 2/28/2019 15:01 | 0.345 | 0.343 | 0.012 | 0.012 | |
| 2/28/2019 15:02 | 0.347 | 0.343 | 0.012 | 0.012 | |
| 2/28/2019 15:03 | 0.348 | 0.344 | 0.012 | 0.012 | |
| 2/28/2019 15:04 | 0.348 | 0.344 | 0.012 | 0.012 | |
| 2/28/2019 15:05 | 0.347 | 0.344 | 0.012 | 0.012 | |
| 2/28/2019 15:06 | 0.347 | 0.344 | 0.013 | 0.012 | |
| 2/28/2019 15:07 | 0.346 | 0.344 | 0.013 | 0.012 | |
| 2/28/2019 15:08 | 0.347 | 0.344 | 0.012 | 0.012 | |
| 2/28/2019 15:09 | 0.344 | 0.344 | 0.012 | 0.012 | |
| 2/28/2019 15:10 | 0.345 | 0.345 | 0.012 | 0.012 | |
| 2/28/2019 15:11 | 0.347 | 0.345 | 0.012 | 0.012 | |
| 2/28/2019 15:12 | 0.347 | 0.346 | 0.012 | 0.012 | |
| 2/28/2019 15:13 | 0.345 | 0.346 | 0.012 | 0.012 | |
| 2/28/2019 15:14 | 0.346 | 0.347 | 0.012 | 0.012 | |
| 2/28/2019 15:15 | 0.342 | 0.346 | 0.014 | 0.012 | |
| 2/28/2019 15:16 | 0.34 | 0.346 | 0.013 | 0.012 | |
| 2/28/2019 15:17 | 0.34 | 0.345 | 0.013 | 0.012 | |
| 2/28/2019 15:18 | 0.337 | 0.345 | 0.012 | 0.012 | |
| 2/28/2019 15:19 | 0.334 | 0.344 | 0.012 | 0.012 | |
| 2/28/2019 15:20 | 0.334 | 0.343 | 0.013 | 0.013 | |
| 2/28/2019 15:21 | 0.334 | 0.342 | 0.013 | 0.013 | |
| 2/28/2019 15:22 | 0.334 | 0.341 | 0.013 | 0.013 | |
| 2/28/2019 15:23 | 0.333 | 0.340 | 0.014 | 0.013 | Stop Work |

**Notes:**

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.
2. VOC concentrations monitored with a RAE Systems minRAE3000.
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10

**Key:**

$mg/m^3$ = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound