# Metcalf Energy Center

Mr. Steve Munro
California Energy Commission
1516 Ninth Street
Sacramento, California 95814

March 3, 2005

Re: Air Monitoring Data

Dear Mr. Munro:

Attached are the data collected from the temporary monitoring station located near the Martin Murphy School on Monterey Highway. The data are from the inception of monitoring on November 22, 2004 through the end of January 2005.

The temporary monitoring location was selected by the City of San Jose based on criteria that did not include EPA Site Representativeness criteria. Thus, the data are inappropriate for use in an air quality impact analysis.

Please contact me at 408 361-4805 if you have questions.

Sincerely,

Mark Smolley

Mark Smolley
Compliance Manager

Attachment: November 2004 Monitoring Data, PCR Services Corporation, 9 pages
December 2004 Monitoring Data, PCR Services Corporation, 9 pages
January 2005 Monitoring Data, PCR Services Corporation, 10 pages
Table 1 – PM10 Sampler Data, PCR Services Corporation, 1 page

1 BLANCHARD ROAD · P.O. BOX 13190 · SAN JOSE, CA 95013 · PHONE (408) 361 4800 · FAX (408) 463 6077 · www.metcalfenergycenter.com

PCR

PCR Services Corporation Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Carbon Monoxide (CO) Units: PPM Month: 11 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
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| 21 | | | | | | | | | | | | | | | | | | 0.0 | 0.0 | 5.0 | 8.0 | 23.0 | 3.0 | 0.0 | 5.8 | 23.0 |
| 22 | 0.0 | | | | 1.0 | 1.0 | 1.0 | 1.0 | | | 6.0 | 1.0 | 0.0 | 0.0 | 0.0 | 5.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.5 | 6.0 |
| 23 | 1.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.4 | 8.0 |
| 24 | 3.0 | | | | 2.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 3.0 |
| 25 | 2.0 | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.4 | 2.0 |
| 26 | 2.0 | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| 27 | 2.0 | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.2 | 2.0 |
| 28 | 2.0 | | | | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | | | | | | | | | | 1.9 | 2.0 |
| 29 | | | | | | | | 2.0 | 2.0 | 3.0 | 10.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.9 | 10.0 |
| Ave | 1.7 | | | | 1.1 | 1.0 | 1.0 | 1.3 | 2.3 | 1.3 | 2.8 | 1.1 | 1.1 | 1.1 | 1.1 | 1.7 | 1.1 | 1.1 | 1.1 | 2.1 | 2.1 | 4.5 | 2.0 | 1.4 | | |
| Max | 3.0 | | | | 2.0 | 2.0 | 2.0 | 2.0 | 8.0 | 3.0 | 10.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 1.0 | 2.0 | 2.0 | 5.0 | 8.0 | 23.0 | 3.0 | 2.0 | | |

Data collection began on 11/22/04. Data lost 11/28 1500 to 11/29 0600 due to datalogger malfunction.

Data averages for 00:00 to 03:00 were invalidated because they contained auto zero/precision/span check.

Other missing data are due to the performance of manual quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Nitrogen Oxides (NOX) Units: PPB Month: 11 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
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| 23 | | | | | 18.0 | 16.0 | 44.0 | 58.0 | | | | | | | | | 9.0 | 32.0 | 39.0 | | | | 46.0 | 32.0 | 31.6 | 46.0 |
| 24 | | | | | 55.0 | 33.0 | 26.0 | 52.0 | 75.0 | | | | 0.0 | 0.0 | 11.0 | 34.0 | 26.0 | 45.0 | 80.0 | 97.0 | 111. | 113. | 99.0 | 51.0 | 63.2 | 113. |
| 25 | | | | | 103. | 54.0 | 55.0 | 72.0 | 64.0 | 43.0 | 35.0 | 35.0 | 32.0 | 25.0 | 10.0 | 11.0 | 43.0 | 62.0 | 90.0 | 95.0 | 112. | 142. | 129. | 134. | 64.3 | 142. |
| 26 | | | | | | 15.0 | 9.0 | 12.0 | 9.0 | 13.0 | 9.0 | 6.0 | 3.0 | 8.0 | 12.0 | 15.0 | 10.0 | 10.0 | 8.0 | 13.0 | 11.0 | 14.0 | 12.0 | 6.0 | 31.2 | 103. |
| 27 | | | | | | 9.0 | 1.0 | 3.0 | 4.0 | 6.0 | 5.0 | 6.0 | 12.0 | 9.0 | 7.0 | 4.0 | 16.0 | 22.0 | 26.0 | 32.0 | 35.0 | 37.0 | 29.0 | 29.0 | 17.7 | 37.0 |
| 28 | | | | | 45.0 | 10.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | 4.0 | 2.0 | 3.0 | 3.0 | 2.0 | 4.0 | 10.0 | 12.0 | 18.0 | 23.0 | 18.0 | 13.0 | 11.0 | 9.2 | 23.0 |
| 29 | | | | | 54.0 | 26.0 | 42.0 | 43.0 | 29.0 | 26.0 | 14.0 | 11.0 | 13.0 | 24.0 | 25.0 | | 3.0 | 3.0 | 6.0 | 6.0 | 4.0 | 16.0 | 18.0 | 18.0 | 8.0 | 45.0 |
| 30 | | | | | | | | 79.0 | 44.0 | 39.0 | 39.0 | 40.0 | 60.0 | 42.0 | 25.0 | 19.0 | 19.0 | 29.0 | 44.0 | 66.0 | 59.0 | 64.0 | 58.0 | 54.0 | 27.9 | 54.0 |
| Ave | | | | | 55.0 | 23.3 | 25.6 | 40.3 | 32.7 | 21.8 | 17.5 | 17.0 | 17.4 | 15.9 | 13.3 | 14.2 | 16.3 | 26.6 | 38.1 | 46.7 | 50.7 | 57.7 | 50.5 | 41.9 | 46.3 | 79.0 |
| Max | | | | | 103. | 54.0 | 55.0 | 79.0 | 75.0 | 43.0 | 39.0 | 40.0 | 60.0 | 42.0 | 25.0 | 34.0 | 43.0 | 62.0 | 90.0 | 97.0 | 112. | 142. | 129. | 134. | | |

Data collection began on 11/22/04. . Data lost 11/28 1500 to 11/29 0600 due to datalogger malfunction.

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PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Nitrous Oxide (NO) Units: PPB Month: 11 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
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| 22 | | | | | | | | | | | | | | | | | -10.0 | 6.0 | 19.0 | | | | 9.0 | 2.0 | 5.2 | 19.0 |
| 23 | | | | | 0.0 | 0.0 | 23.0 | 34.0 | | | | | | | | | 2.0 | 7.0 | 33.0 | 54.0 | 68.0 | 70.0 | 58.0 | 17.0 | 30.5 | 70.0 |
| 24 | | | | | 31.0 | 10.0 | 5.0 | 24.0 | 63.0 | | | | 0.0 | 0.0 | 7.0 | 4.0 | 6.0 | 16.0 | 44.0 | 50.0 | 70.0 | 102. | 89.0 | 98.0 | 36.4 | 102. |
| 25 | | | | | 43.0 | 25.0 | 32.0 | 45.0 | 32.0 | 10.0 | 8.0 | 8.0 | 6.0 | 5.0 | 0.0 | 0.0 | 0.0 | -1.0 | -2.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | 10.3 | 45.0 |
| 26 | | | | | | 0.0 | -1.0 | -1.0 | 0.0 | 0.0 | 0.0 | -1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | -1.0 | -2.0 | -1.0 | 0.0 | 3.0 | 1.0 | 0.0 | -0.1 | 3.0 |
| 27 | | | | | | 0.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.0 | -1.0 | -1.0 | 0.0 | -1.0 | -1.0 | -1.0 | -0.5 | 1.0 |
| 28 | | | | | 6.0 | 0.0 | -1.0 | -1.0 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.0 | -1.0 | -1.0 | -1.0 | -2.0 | -1.0 | -1.0 | -1.0 | -0.3 | 6.0 |
| 29 | | | | | 4.0 | 4.0 | 21.0 | 22.0 | 11.0 | 14.0 | 4.0 | 2.0 | 4.0 | 7.0 | 8.0 | | | | | | | | | | 9.2 | 22.0 |
| 30 | | | | | | | | 79.0 | 38.0 | 31.0 | 26.0 | 22.0 | 45.0 | 20.0 | 7.0 | 2.0 | 0.0 | 5.0 | 21.0 | 49.0 | 42.0 | 53.0 | 46.0 | 45.0 | 32.0 | 79.0 |
| Ave | | | | | 16.8 | 5.6 | 11.1 | 25.1 | 20.3 | 9.0 | 6.2 | 5.2 | 8.0 | 5.6 | 3.3 | 1.0 | -0.4 | 3.8 | 13.9 | 21.3 | 25.3 | 32.1 | 25.0 | 19.9 | | |
| Max | | | | | 43.0 | 25.0 | 32.0 | 79.0 | 63.0 | 31.0 | 26.0 | 22.0 | 45.0 | 20.0 | 8.0 | 4.0 | 6.0 | 16.0 | 44.0 | 54.0 | 70.0 | 102. | 89.0 | 98.0 | | |

Data collection began on 11/22/04. . Data lost 11/28 1500 to 11/29 0600 due to datalogger malfunction.

Data averages for 00:00 to 03:00 were invalidated because they contained auto zero/precision/span check.

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PCR

PCR Services Corportation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park Site

Parameter Nitrogen Dioxide (NO2) Units: PPB Month: 11 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
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| 22 | | | | | | | | | | | | | | | | | 20.0 | 26.0 | 20.0 | | | | 37.0 | 29.0 | 26.4 | 37.0 |
| 23 | | | | | 18.0 | 15.0 | 21.0 | 24.0 | | | | | | | | | 24.0 | 38.0 | 46.0 | 42.0 | 42.0 | 43.0 | 40.0 | 33.0 | 32.2 | 46.0 |
| 24 | | | | | 23.0 | 22.0 | 20.0 | 27.0 | 12.0 | | | | 0.0 | 0.0 | 4.0 | 29.0 | 37.0 | 46.0 | 46.0 | 45.0 | 42.0 | 40.0 | 39.0 | 36.0 | 27.5 | 46.0 |
| 25 | | | | | 60.0 | 28.0 | 22.0 | 26.0 | 32.0 | 32.0 | 27.0 | 27.0 | 25.0 | 20.0 | 9.0 | 11.0 | 11.0 | 11.0 | 11.0 | 15.0 | 12.0 | 15.0 | 14.0 | 7.0 | 20.8 | 60.0 |
| 26 | | | | | | 15.0 | 10.0 | 14.0 | 10.0 | 13.0 | 9.0 | 8.0 | 4.0 | 8.0 | 10.0 | 14.0 | 17.0 | 24.0 | 29.0 | 33.0 | 34.0 | 33.0 | 28.0 | 28.0 | 17.9 | 34.0 |
| 27 | | | | | | 9.0 | 3.0 | 4.0 | 6.0 | 7.0 | 7.0 | 7.0 | 11.0 | 8.0 | 7.0 | 5.0 | 5.0 | 11.0 | 14.0 | 19.0 | 24.0 | 19.0 | 14.0 | 12.0 | 10.1 | 24.0 |
| 28 | | | | | 39.0 | 10.0 | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 5.0 | 8.0 | 8.0 | 6.0 | 17.0 | 19.0 | 19.0 | 8.8 | 39.0 |
| 29 | | | | | 50.0 | 22.0 | 20.0 | 20.0 | 17.0 | 11.0 | 10.0 | 9.0 | 9.0 | 16.0 | 16.0 | | | | | | | | | | 18.2 | 50.0 |
| 30 | | | | | | | | 0.0 | 5.0 | 7.0 | 12.0 | 18.0 | 14.0 | 21.0 | 18.0 | 17.0 | 19.0 | 24.0 | 22.0 | 16.0 | 16.0 | 11.0 | 12.0 | 8.0 | 13.8 | 24.0 |
| Ave | | | | 38.0 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | | |
| Max | | | | | 60.0 | 28.0 | 22.0 | 27.0 | 32.0 | 32.0 | 27.0 | 27.0 | 25.0 | 21.0 | 18.0 | 29.0 | 37.0 | 46.0 | 46.0 | 45.0 | 42.0 | 43.0 | 40.0 | 36.0 | | |

Data collection began on 11/22/04. . Data lost 11/28 1500 to 11/29 0600 due to datalogger malfunction.

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PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park Site

Parameter Wind Direction (WD) Units: degrees Month: 11 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave |
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| 22 | | | | | | | | | | | | | | | | | 294 | 214 | 123 | 138 | 121 | 129 | 127 | 126 | 159 |
| 23 | 129 | 129 | 126 | 114 | 110 | 118 | 128 | 117 | 132 | 137 | 219 | 299 | 293 | 297 | 302 | 300 | 296 | 300 | 271 | 185 | 116 | 144 | 124 | 121 | 188 |
| 24 | 125 | 112 | 118 | 111 | 95 | 111 | 116 | 110 | 118 | 121 | 143 | 252 | 296 | 252 | 281 | 268 | 289 | 257 | 260 | 264 | 200 | 217 | 226 | 116 | 186 |
| 25 | 129 | 131 | 130 | 211 | 120 | 162 | 276 | 174 | 218 | 147 | 210 | 294 | 295 | 286 | 290 | 298 | 301 | 307 | 305 | 246 | 206 | 148 | 138 | 105 | 214 |
| 26 | 251 | 236 | 301 | 293 | 279 | 285 | 279 | 274 | 281 | 292 | 195 | 156 | 210 | 283 | 276 | 294 | 295 | 300 | 299 | 274 | 257 | 168 | 138 | 128 | 252 |
| 27 | 134 | 121 | 113 | 120 | 121 | 127 | 133 | 136 | 129 | 249 | 300 | 295 | 305 | 303 | 302 | 302 | 300 | 302 | 305 | 305 | 300 | 296 | 293 | 292 | 233 |
| 28 | 296 | 300 | 298 | 302 | 301 | 301 | 296 | 300 | 299 | 295 | 293 | 298 | 304 | 304 | 305 | 308 | 302 | 303 | 292 | 297 | 302 | 277 | 267 | 229 | 295 |
| 29 | 294 | 269 | 128 | 183 | 272 | 161 | 123 | 131 | 123 | 129 | 128 | 184 | 282 | 261 | 278 | | | | | | | | | | 196 |
| 30 | | | | | | | | 110 | 136 | 131 | 276 | 297 | 293 | 297 | 299 | 292 | 288 | 286 | 298 | 176 | 154 | 158 | 97 | 132 | 214 |
| Ave | 185 | 173 | 191 | 185 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | |
| Max | 296 | 300 | 301 | 302 | 301 | 301 | 296 | 300 | 299 | 295 | 300 | 299 | 305 | 304 | 305 | 308 | 302 | 307 | 305 | 305 | 302 | 296 | 293 | 292 | |

Data lost 11/28 1500 to 11/29 0600 due to datalogger malfunction.

Hours with missing data are due to performance of quality control checks (Calibrations), and maintenance.

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park Site

Parameter Wind Speed (WS) Units: Meters/Second Month: 11 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
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| 22 | | | | | | | | | | | | | | | | | 1.0 | 0.0 | 0.0 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 1.6 | 3.0 |
| 23 | 4.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.3 | 4.0 |
| 24 | 2.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 |
| 25 | 0.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 2.0 |
| 26 | 0.0 | 0.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 1.0 | 2.0 |
| 27 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 2.0 | 4.0 | 5.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.5 | 5.0 |
| 28 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 5.0 | 6.0 | 5.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | 5.0 | 5.0 | 4.0 | 5.0 | 2.0 | 2.0 | 4.0 | 1.0 | 1.0 | 1.0 | 4.0 | 6.0 |
| 29 | 2.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | | | | | | | | 1.0 | 2.0 |
| 30 | | | | | | | | 0.0 | 1.0 | 0.0 | 0.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 2.0 |
| Ave | 2.1 | 2.0 | 2.4 | 1.9 | 1.7 | 1.7 | 1.9 | 1.8 | 1.6 | 1.5 | 1.4 | 2.3 | 2.0 | 2.6 | 2.3 | 2.7 | 2.3 | 1.8 | 1.1 | 0.8 | 1.1 | 0.9 | 1.0 | 1.3 | | |
| Max | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 5.0 | 6.0 | 5.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | | |

Data lost 11/28 1500 to 11/29 0600 due to datalogger malfunction.

Hours with missing data are due to performance of quality control checks (Calibrations), and maintenance.

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Temperature (TEMP) Units: degrees Celcius Month: 11 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 24 | | | | | | | | | | | | | | | 17.0 | 18.0 | 18.0 | 16.0 | 14.0 | 13.0 | 10.0 | 9.0 | 9.0 | 8.0 | 13.2 | 18.0 |
| 25 | 7.0 | 8.0 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 8.0 | 9.0 | 9.0 | 10.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 14.0 | 14.0 | 14.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 10.5 | 14.0 |
| 26 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 16.0 | 16.0 | 15.0 | 14.0 | 14.0 | 13.0 | 12.0 | 12.0 | 11.0 | 12.8 | 16.0 |
| 27 | 11.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 12.0 | 10.0 | 10.0 | 11.0 | 13.0 | 14.0 | 14.0 | 13.0 | 13.0 | 12.0 | 11.0 | 10.0 | 10.0 | 10.0 | 11.6 | 14.0 |
| 28 | 10.0 | 9.0 | 9.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 10.0 | 11.0 | 12.0 | 12.0 | 13.0 | 13.0 | 12.0 | 11.0 | 10.0 | 10.0 | 9.0 | 8.0 | 7.0 | 9.7 | 13.0 |
| 29 | 7.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 1.0 | 1.0 | 1.0 | 2.0 | 5.0 | 8.0 | 9.0 | 11.0 | 11.0 | | | | | | | | | | 5.0 | 11.0 |
| 30 | | | | | | | | 0.0 | 2.0 | 5.0 | 8.0 | 9.0 | 10.0 | 11.0 | 12.0 | 12.0 | 11.0 | 10.0 | 9.0 | 7.0 | 6.0 | 4.0 | 3.0 | 3.0 | 6.9 | 12.0 |
| Ave | 9.4 | 9.4 | 8.8 | 8.6 | 8.2 | 8.0 | 7.6 | 6.5 | 7.0 | 7.8 | 9.3 | 10.0 | 10.8 | 12.0 | 13.4 | 14.5 | 14.3 | 13.3 | 12.5 | 11.5 | 10.5 | 9.5 | 9.2 | 8.7 | | |
| Max | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 17.0 | 18.0 | 18.0 | 16.0 | 14.0 | 14.0 | 13.0 | 13.0 | 13.0 | 13.0 | | |

Data lost 11/28 1500 to 11/29 0600 due to datalogger malfunction.

Hours with missing data are due to performance of quality control checks (Calibrations), and maintenance.

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Relative Humidity (RH) Units: Percent (%) Month: 11 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 24 | | | | | | | | | | | | | | | 40 | 37 | 38 | 50 | 56 | 62 | 72 | 77 | 78 | 81 | 59 | 81 |
| 25 | 84 | 82 | 82 | 84 | 88 | 88 | 87 | 85 | 89 | 90 | 85 | 83 | 80 | 78 | 74 | 71 | 70 | 69 | 68 | 70 | 72 | 74 | 75 | 81 | 80 | 90 |
| 26 | 82 | 83 | 90 | 91 | 90 | 87 | 85 | 83 | 82 | 80 | 76 | 71 | 67 | 65 | 62 | 59 | 57 | 64 | 69 | 70 | 72 | 77 | 80 | 81 | 76 | 91 |
| 27 | 84 | 85 | 86 | 82 | 78 | 81 | 85 | 90 | 91 | 92 | 87 | 90 | 90 | 80 | 66 | 58 | 56 | 57 | 65 | 72 | 71 | 54 | 46 | 45 | 75 | 92 |
| 28 | 42 | 42 | 49 | 49 | 46 | 41 | 41 | 40 | 38 | 36 | 34 | 31 | 28 | 27 | 25 | 22 | 21 | 23 | 25 | 26 | 26 | 29 | 34 | 38 | 34 | 49 |
| 29 | 39 | 42 | 49 | 54 | 56 | 57 | 66 | 66 | 63 | 60 | 50 | 38 | 31 | 27 | 26 | | | | | | | | | | 48 | 66 |
| 30 | | | | | | | | 81 | 71 | 61 | 50 | 45 | 42 | 35 | 34 | 34 | 34 | 41 | 52 | 59 | 66 | 73 | 76 | 79 | 56 | 81 |
| Ave | 66.2 | 66.8 | 71.2 | 72.0 | 71.6 | 70.8 | 72.8 | 74.2 | 72.3 | 69.8 | 63.7 | 59.7 | 56.3 | 52.0 | 46.7 | 46.8 | 46.0 | 50.7 | 55.8 | 59.8 | 63.2 | 64.0 | 64.8 | 67.5 | | |
| Max | 84.0 | 85.0 | 90.0 | 91.0 | 90.0 | 88.0 | 87.0 | 90.0 | 91.0 | 92.0 | 87.0 | 90.0 | 90.0 | 80.0 | 74.0 | 71.0 | 70.0 | 69.0 | 69.0 | 72.0 | 72.0 | 77.0 | 80.0 | 81.0 | | |

Data lost 11/28 1500 to 11/29 0600 due to datalogger malfunction.

Hours with missing data are due to performance of quality control checks (Calibrations), and maintenance.

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Station Temperature (IT) Units: degrees Celcius Month: 11 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
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| 22 | | | | | | | | | | | | | | | | | 24.0 | 24.0 | 24.0 | 22.0 | 21.0 | 21.0 | 21.0 | 21.0 | 22.3 | 24.0 |
| 23 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 21.0 | 22.0 | 24.0 | 24.0 | 25.0 | 27.0 | 28.0 | 26.0 | 25.0 | 24.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 23.0 | 28.0 |
| 24 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 25.0 | 26.0 | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 | 24.0 | 24.1 | 26.0 |
| 25 | 23.0 | 23.0 | 22.0 | 22.0 | 21.0 | 21.0 | 21.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 21.0 | 21.0 | 22.0 | 22.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 22.0 | 24.0 |
| 26 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 24.0 | 24.0 | 25.0 | 26.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 26.0 | 26.0 | 26.0 | 25.0 | 27.0 |
| 27 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 23.0 | 23.0 | 22.0 | 22.0 | 22.0 | 21.0 | 21.0 | 23.0 | 25.0 |
| 28 | 20.0 | 20.0 | 20.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 20.0 | 21.0 | 21.0 | 21.0 | 22.0 | 22.0 | 22.0 | 21.0 | 21.0 | 20.0 | 21.0 | 24.0 | 20.3 | 24.0 |
| 29 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | | | | | | | | | | 25.0 | 25.0 |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | 25.0 | 25.0 |
| Ave | 23.0 | 23.0 | 22.9 | 22.6 | 22.4 | 22.3 | 22.3 | 22.1 | 22.1 | 22.1 | 22.1 | 22.6 | 22.7 | 23.1 | 23.9 | 24.0 | 24.1 | 24.3 | 24.1 | 23.9 | 23.7 | 23.3 | 23.3 | 23.6 | | |
| Max | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 27.0 | 28.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 26.0 | 26.0 | 26.0 | | |

Data lost 11/28 1500 to 11/29 0600 due to datalogger malfunction.

Hours with missing data are due to performance of quality control checks (Calibrations), and maintenance.

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Carbon Monoxide (CO) Units: PPM Month: 12 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.5 | 3.0 |
| 2 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.5 | 4.0 |
| 3 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.3 | 3.0 |
| 4 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.8 | 3.0 |
| 5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.3 | 4.0 |
| 6 | 4.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.1 | 4.0 |
| 7 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 8 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 9 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.8 | 5.0 |
| 10 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 4.4 | 6.0 |
| 11 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 5.0 | 6.0 | 6.0 | 5.0 | 5.0 | 4.8 | 6.0 |
| 12 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 5.0 |
| 13 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.4 | 5.0 |
| 14 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 4.9 | 5.0 |
| 15 | 5.0 | 4.0 | 5.0 | 5.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.9 | 5.0 |
| 16 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 5.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | | | | | | | | | 0.0 | 4.8 | 6.0 |
| 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 11.0 | 0.0 | 0.0 | 0.0 | 9.0 | 16.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.7 | 16.0 |
| 18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.3 | 1.0 |
| 19 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | 1.0 |
| 20 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.8 | 2.0 |
| 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.4 | 1.0 |
| 22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 7.0 | | 6.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 7.0 |
| 23 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 4.0 | | | | 12.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.6 | 12.0 |
| 24 | 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 | 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 |
| 25 | 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 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 | 2.0 |
| 26 | 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 | 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 |
| 27 | 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 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 28 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | | | | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| 29 | 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 | 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 |
| 30 | 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 | 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 |
| 31 | 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 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | | 1.0 | 2.0 |
| Ave | 2.1 | 2.2 | 2.2 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | | |
| Max | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 11.0 | 6.0 | 5.0 | 5.0 | 9.0 | 16.0 | 6.0 | 12.0 | 5.0 | 5.0 | 6.0 | 5.0 | 6.0 | 6.0 | 5.0 | 6.0 | | |

Hours with missing data due to performance of quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Nitrogen Oxides (NOX) Units: PPB Month: 12 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 28.0 | 30.0 | 30.0 | 42.0 | 39.0 | 25.0 | 22.0 | 24.0 | 28.0 | 22.0 | 15.0 | 14.0 | 21.0 | 39.0 | 64.0 | 58.0 | 62.0 | 68.0 | 51.0 | 43.0 | 37.3 | 68.0 |
| 2 | 38.0 | 25.0 | 19.0 | 22.0 | 22.0 | 20.0 | 41.0 | 90.0 | 81.0 | 71.0 | 80.0 | 49.0 | 34.0 | 16.0 | 20.0 | 12.0 | 19.0 | 26.0 | 32.0 | 33.0 | 42.0 | 32.0 | 33.0 | 17.0 | 36.4 | 90.0 |
| 3 | 14.0 | 21.0 | 34.0 | 41.0 | 28.0 | 26.0 | 28.0 | 41.0 | 39.0 | 21.0 | 22.0 | 19.0 | 19.0 | 31.0 | 34.0 | 15.0 | 18.0 | 36.0 | 33.0 | 35.0 | 47.0 | 53.0 | 41.0 | 23.0 | 30.0 | 53.0 |
| 4 | 18.0 | 16.0 | 18.0 | 20.0 | 14.0 | 7.0 | 10.0 | 17.0 | 18.0 | 14.0 | 9.0 | 6.0 | 7.0 | 6.0 | 22.0 | 16.0 | 20.0 | 18.0 | 8.0 | 6.0 | 8.0 | 9.0 | 7.0 | 10.0 | 12.7 | 22.0 |
| 5 | 7.0 | 7.0 | 4.0 | 3.0 | 7.0 | 9.0 | 22.0 | 33.0 | 18.0 | 10.0 | 12.0 | 9.0 | 8.0 | 9.0 | 9.0 | 9.0 | 14.0 | 25.0 | 30.0 | 33.0 | 42.0 | 48.0 | 30.0 | 31.0 | 17.9 | 48.0 |
| 6 | 34.0 | 19.0 | 21.0 | 18.0 | 19.0 | 12.0 | 14.0 | 25.0 | 16.0 | 13.0 | 5.0 | 6.0 | 8.0 | 4.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 7.0 | 9.0 | 5.0 | 10.5 | 34.0 |
| 7 | 2.0 | 3.0 | 0.0 | 2.0 | 5.0 | 2.0 | 6.0 | 11.0 | 15.0 | 14.0 | 12.0 | 11.0 | 4.0 | 5.0 | 15.0 | 4.0 | 3.0 | 6.0 | 13.0 | 8.0 | 6.0 | 3.0 | 2.0 | 3.0 | 6.5 | 15.0 |
| 8 | 4.0 | 4.0 | 2.0 | 3.0 | 5.0 | 5.0 | 9.0 | 15.0 | 13.0 | 19.0 | 11.0 | 8.0 | 6.0 | 8.0 | 13.0 | 24.0 | 20.0 | 11.0 | 11.0 | 10.0 | 15.0 | 11.0 | 9.0 | 6.0 | 10.1 | 24.0 |
| 9 | 3.0 | 9.0 | 11.0 | 9.0 | 12.0 | 11.0 | 16.0 | 18.0 | 12.0 | 12.0 | 11.0 | 7.0 | 10.0 | 20.0 | 45.0 | 70.0 | 99.0 | 53.0 | 50.0 | 54.0 | 87.0 | 81.0 | 83.0 | 75.0 | 35.8 | 99.0 |
| 10 | 65.0 | 51.0 | 26.0 | 41.0 | 39.0 | 75.0 | 120. | 41.0 | 79.0 | 62.0 | 59.0 | 52.0 | 59.0 | 66.0 | 75.0 | 88.0 | 65.0 | 75.0 | 97.0 | 123. | 100. | 108. | 132. | 135. | 76.4 | 135. |
| 11 | 112.0 | 95.0 | 70.0 | 51.0 | 49.0 | 59.0 | 78.0 | 71.0 | 44.0 | 30.0 | 41.0 | 50.0 | 52.0 | 55.0 | 56.0 | 55.0 | 71.0 | 85.0 | 119. | 101. | 102. | 95.0 | 92.0 | 69.0 | 70.9 | 119. |
| 12 | 62.0 | 72.0 | 59.0 | 25.0 | 25.0 | 17.0 | 19.0 | 18.0 | 12.0 | 26.0 | 36.0 | 23.0 | 6.0 | 3.0 | 4.0 | 2.0 | 4.0 | 18.0 | 14.0 | 11.0 | 8.0 | 6.0 | 7.0 | 7.0 | 20.2 | 72.0 |
| 13 | 10.0 | 11.0 | 5.0 | 7.0 | 9.0 | 6.0 | 12.0 | 11.0 | 12.0 | 8.0 | 11.0 | 6.0 | 3.0 | 9.0 | 32.0 | 22.0 | 24.0 | 45.0 | 74.0 | 98.0 | 73.0 | 75.0 | 54.0 | 50.0 | 27.8 | 98.0 |
| 14 | 62.0 | 77.0 | 56.0 | 39.0 | 28.0 | 31.0 | 50.0 | 74.0 | 43.0 | 30.0 | 21.0 | 40.0 | 46.0 | 30.0 | 26.0 | 21.0 | 18.0 | 25.0 | 22.0 | 27.0 | 22.0 | 18.0 | 13.0 | 14.0 | 34.7 | 77.0 |
| 15 | 11.0 | 11.0 | 9.0 | 11.0 | 12.0 | 19.0 | 55.0 | 93.0 | 67.0 | 45.0 | 45.0 | 23.0 | 21.0 | 20.0 | 16.0 | 19.0 | 21.0 | 31.0 | 65.0 | 82.0 | 79.0 | 46.0 | 39.0 | 34.0 | 36.4 | 93.0 |
| 16 | 31.0 | 42.0 | 32.0 | 27.0 | 29.0 | 38.0 | 81.0 | 111. | 80.0 | 92.0 | 90.0 | 83.0 | 61.0 | 50.0 | 34.0 | | | | | | | | | 43.0 | 57.8 | 111. |
| 17 | 47.0 | 32.0 | 33.0 | 48.0 | 43.0 | 44.0 | 43.0 | 102. | 168. | 49.0 | 52.0 | 68.0 | 122. | 243. | 79.0 | 66.0 | 67.0 | 98.0 | 126. | 121. | 127. | 112. | 81.0 | 56.0 | 84.5 | 243. |
| 18 | 39.0 | 42.0 | 40.0 | 30.0 | 24.0 | 28.0 | 36.0 | 57.0 | 40.0 | 34.0 | 18.0 | 28.0 | 37.0 | 50.0 | 58.0 | 63.0 | 52.0 | 77.0 | 104. | 131. | 101. | 105. | 108. | 105. | 58.6 | 131. |
| 19 | 101.0 | 125.0 | 125.0 | 110. | 68.0 | 89.0 | 147. | 117. | 76.0 | 66.0 | 62.0 | 39.0 | 38.0 | 41.0 | 43.0 | 42.0 | 43.0 | 51.0 | 67.0 | 78.0 | 90.0 | 114. | 110. | 81.0 | 80.1 | 147. |
| 20 | 55.0 | 35.0 | 43.0 | 109. | 100. | 100. | 86.0 | 97.0 | 106. | 112. | 99.0 | 104. | 127. | 152. | 144. | 146. | 150. | 143. | 175. | 146. | 71.0 | 55.0 | 64.0 | 50.0 | 102. | 175. |
| 21 | 44.0 | 49.0 | 46.0 | 48.0 | 43.0 | 51.0 | 78.0 | 166. | 166. | 97.0 | 27.0 | 30.0 | 19.0 | 17.0 | 20.0 | 20.0 | 25.0 | 52.0 | 110. | 79.0 | 40.0 | 46.0 | 50.0 | 25.0 | 55.2 | 166. |
| 22 | 26.0 | 23.0 | 21.0 | 16.0 | 12.0 | 8.0 | 14.0 | 21.0 | 19.0 | 20.0 | 15.0 | 14.0 | 63.0 | | 65.0 | 9.0 | 8.0 | 11.0 | 14.0 | 28.0 | 42.0 | 50.0 | 43.0 | 32.0 | 25.0 | 65.0 |
| 23 | 23.0 | 18.0 | 15.0 | 15.0 | 15.0 | 12.0 | 16.0 | 25.0 | 40.0 | 47.0 | 35.0 | 27.0 | | | | 40.0 | 10.0 | 14.0 | 29.0 | 43.0 | 36.0 | 28.0 | 23.0 | 20.0 | 25.3 | 47.0 |
| 24 | 18.0 | 21.0 | 19.0 | 16.0 | 14.0 | 12.0 | 13.0 | 10.0 | 14.0 | 14.0 | 13.0 | 14.0 | 13.0 | 13.0 | 14.0 | 14.0 | 18.0 | 31.0 | 47.0 | 62.0 | 63.0 | 62.0 | 45.0 | 33.0 | 24.7 | 63.0 |
| 25 | 24.0 | 24.0 | 12.0 | 12.0 | 15.0 | 8.0 | 14.0 | 21.0 | 21.0 | 19.0 | 14.0 | 11.0 | 11.0 | 10.0 | 11.0 | 11.0 | 14.0 | 22.0 | 25.0 | 37.0 | 35.0 | 24.0 | 17.0 | 13.0 | 17.7 | 37.0 |
| 26 | 11.0 | 11.0 | 10.0 | 10.0 | 11.0 | 7.0 | 5.0 | 8.0 | 7.0 | 10.0 | 8.0 | 9.0 | 7.0 | 9.0 | 10.0 | 5.0 | 10.0 | 9.0 | 9.0 | 9.0 | 7.0 | 7.0 | 7.0 | 9.0 | 8.5 | 11.0 |
| 27 | 8.0 | 13.0 | 9.0 | 8.0 | 12.0 | 9.0 | 8.0 | 9.0 | 8.0 | 8.0 | 9.0 | | | | | 17.0 | 15.0 | 13.0 | 11.0 | 10.0 | 9.0 | 8.0 | 8.0 | 7.0 | 10.0 | 17.0 |
| 28 | 10.0 | 11.0 | 10.0 | 11.0 | 13.0 | 13.0 | 17.0 | 16.0 | 17.0 | 18.0 | 18.0 | | | | 19.0 | 13.0 | 10.0 | 9.0 | 10.0 | 12.0 | 12.0 | 11.0 | 10.0 | 11.0 | 12.9 | 19.0 |
| 29 | 10.0 | 10.0 | 7.0 | 8.0 | 9.0 | 7.0 | 9.0 | 11.0 | 14.0 | 17.0 | 13.0 | 11.0 | 10.0 | 10.0 | 10.0 | 9.0 | 9.0 | 7.0 | 6.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 8.9 | 17.0 |
| 30 | 4.0 | 7.0 | 4.0 | 5.0 | 7.0 | 4.0 | 5.0 | 8.0 | 12.0 | 13.0 | 11.0 | 11.0 | 10.0 | 10.0 | 9.0 | 8.0 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 6.0 | 7.0 | 7.0 | 7.5 | 13.0 |
| 31 | 7.0 | 10.0 | 8.0 | 8.0 | 9.0 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 7.0 | 6.0 | 6.0 | | 7.6 | 10.0 |
| Ave | 30.0 | 29.8 | 25.6 | 25.8 | 23.4 | 24.7 | 35.2 | 44.7 | 42.1 | 33.0 | 28.7 | 27.2 | 29.9 | 33.9 | 31.3 | 28.1 | 28.8 | 34.9 | 46.0 | 48.5 | 45.0 | 43.3 | 39.6 | 34.0 | | |
| Max | 112.0 | 125.0 | 125.0 | 110. | 100. | 100. | 147. | 166. | 168. | 112. | 99.0 | 104. | 127. | 243. | 144. | 146. | 150. | 143. | 175. | 146. | 127. | 114. | 132. | 135. | | |

Hours with missing data due to performance of quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Nitrous Oxide (NO) Units: PPB Month: 12 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 12.0 | 19.0 | 20.0 | 35.0 | 29.0 | 16.0 | 10.0 | 9.0 | 13.0 | 9.0 | 1.0 | 0.0 | 5.0 | 16.0 | 50.0 | 42.0 | 51.0 | 61.0 | 39.0 | 30.0 | 24.7 | 61.0 |
| 2 | 23.0 | 11.0 | 5.0 | 10.0 | 9.0 | 10.0 | 33.0 | 94.0 | 82.0 | 64.0 | 67.0 | 33.0 | 19.0 | 3.0 | 4.0 | 0.0 | 0.0 | 6.0 | 13.0 | 12.0 | 27.0 | 16.0 | 17.0 | 2.0 | 23.3 | 94.0 |
| 3 | 0.0 | 6.0 | 21.0 | 31.0 | 14.0 | 17.0 | 18.0 | 34.0 | 31.0 | 11.0 | 12.0 | 8.0 | 8.0 | 20.0 | 37.0 | 3.0 | 1.0 | 18.0 | 16.0 | 21.0 | 37.0 | 43.0 | 32.0 | 10.0 | 18.7 | 43.0 |
| 4 | 3.0 | 4.0 | 1.0 | 6.0 | 2.0 | 0.0 | 0.0 | 6.0 | 10.0 | 7.0 | 1.0 | 0.0 | 0.0 | 0.0 | 8.0 | 4.0 | 7.0 | 1.0 | -2.0 | -1.0 | -2.0 | -1.0 | -2.0 | -1.0 | 2.1 | 10.0 |
| 5 | -2.0 | 0.0 | -2.0 | -2.0 | -1.0 | -1.0 | 7.0 | 21.0 | 9.0 | 3.0 | 3.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 5.0 | 12.0 | 25.0 | 34.0 | 13.0 | 19.0 | 6.0 | 34.0 |
| 6 | 22.0 | 5.0 | 3.0 | 2.0 | 3.0 | 0.0 | 1.0 | 12.0 | 5.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.0 | -1.0 | 0.0 | -2.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | -2.0 | 1.9 | 22.0 |
| 7 | -1.0 | 0.0 | -1.0 | -1.0 | 0.0 | -1.0 | -1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | -1.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | 0.0 | -1.0 | -0.3 | 2.0 |
| 8 | -1.0 | 1.0 | -1.0 | -1.0 | 0.0 | -1.0 | -1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | -0.3 | 2.0 |
| 9 | -1.0 | 1.0 | -1.0 | -1.0 | 0.0 | 0.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 4.0 | 18.0 | 32.0 | 56.0 | 14.0 | 12.0 | 18.0 | 50.0 | 49.0 | 55.0 | 48.0 | 15.0 | 56.0 |
| 10 | 43.0 | 29.0 | 4.0 | 22.0 | 20.0 | 56.0 | 96.0 | 15.0 | 49.0 | 30.0 | 29.0 | 21.0 | 26.0 | 27.0 | 30.0 | 32.0 | 19.0 | 33.0 | 58.0 | 90.0 | 71.0 | 80.0 | 107. | 110. | 45.7 | 110. |
| 11 | 89.0 | 74.0 | 50.0 | 32.0 | 33.0 | 44.0 | 62.0 | 55.0 | 24.0 | 9.0 | 17.0 | 26.0 | 26.0 | 27.0 | 24.0 | 19.0 | 32.0 | 48.0 | 88.0 | 71.0 | 73.0 | 72.0 | 72.0 | 50.0 | 46.5 | 89.0 |
| 12 | 46.0 | 57.0 | 44.0 | 9.0 | 7.0 | 3.0 | 5.0 | 5.0 | 3.0 | 12.0 | 15.0 | 9.0 | 0.0 | 0.0 | -1.0 | -1.0 | 0.0 | 0.0 | 0.0 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 | 8.7 | 57.0 |
| 13 | -1.0 | 1.0 | -1.0 | -1.0 | -1.0 | -1.0 | 0.0 | 0.0 | 2.0 | 0.0 | 1.0 | 0.0 | -1.0 | 0.0 | 7.0 | 1.0 | 0.0 | 10.0 | 40.0 | 67.0 | 44.0 | 49.0 | 30.0 | 27.0 | 11.4 | 67.0 |
| 14 | 40.0 | 51.0 | 31.0 | 11.0 | 3.0 | 8.0 | 26.0 | 48.0 | 18.0 | 7.0 | 2.0 | 15.0 | 19.0 | 7.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | -1.0 | 0.0 | -1.0 | 12.0 | 51.0 |
| 15 | -1.0 | 1.0 | -1.0 | -1.0 | -1.0 | 4.0 | 40.0 | 77.0 | 52.0 | 27.0 | 25.0 | 6.0 | 5.0 | 4.0 | 1.0 | 1.0 | 0.0 | 1.0 | 33.0 | 52.0 | 52.0 | 22.0 | 16.0 | 12.0 | 17.8 | 77.0 |
| 16 | 10.0 | 25.0 | 15.0 | 11.0 | 11.0 | 25.0 | 67.0 | 98.0 | 66.0 | 77.0 | 69.0 | 57.0 | 34.0 | 22.0 | 12.0 | | | | | | | | | 23.0 | 38.9 | 98.0 |
| 17 | 25.0 | 16.0 | 17.0 | 31.0 | 27.0 | 31.0 | 28.0 | 80.0 | 144. | 32.0 | 29.0 | 36.0 | 97.0 | 67.0 | 34.0 | 25.0 | 25.0 | 55.0 | 86.0 | 82.0 | 88.0 | 77.0 | 50.0 | 27.0 | 50.4 | 144. |
| 18 | 14.0 | 18.0 | 17.0 | 8.0 | 5.0 | 9.0 | 17.0 | 35.0 | 22.0 | 20.0 | 6.0 | 8.0 | 12.0 | 16.0 | 17.0 | 15.0 | 11.0 | 33.0 | 57.0 | 81.0 | 56.0 | 61.0 | 69.0 | 68.0 | 28.1 | 81.0 |
| 19 | 68.0 | 88.0 | 91.0 | 79.0 | 41.0 | 62.0 | 109. | 82.0 | 48.0 | 36.0 | 27.0 | 12.0 | 11.0 | 11.0 | 10.0 | 9.0 | 6.0 | 11.0 | 24.0 | 30.0 | 45.0 | 67.0 | 74.0 | 49.0 | 45.4 | 109. |
| 20 | 24.0 | 11.0 | 21.0 | 76.0 | 73.0 | 71.0 | 57.0 | 66.0 | 71.0 | 75.0 | 62.0 | 66.0 | 81.0 | 96.0 | 86.0 | 91.0 | 92.0 | 95.0 | 128. | 100. | 34.0 | 21.0 | 28.0 | 19.0 | 64.3 | 128. |
| 21 | 15.0 | 15.0 | 13.0 | 16.0 | 17.0 | 27.0 | 50.0 | 119. | 114. | 57.0 | 10.0 | 11.0 | 5.0 | 4.0 | 4.0 | 4.0 | 2.0 | 16.0 | 68.0 | 40.0 | 5.0 | 13.0 | 16.0 | 0.0 | 25.6 | 119. |
| 22 | 0.0 | 3.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 3.0 | 4.0 | 7.0 | 2.0 | 2.0 | 65.0 | | 50.0 | 0.0 | 0.0 | 1.0 | 3.0 | 16.0 | 32.0 | 40.0 | 33.0 | 22.0 | 12.4 | 65.0 |
| 23 | 16.0 | 12.0 | 8.0 | 10.0 | 9.0 | 8.0 | 11.0 | 19.0 | 36.0 | 43.0 | 24.0 | 24.0 | | | | 34.0 | 1.0 | 1.0 | 14.0 | 28.0 | 23.0 | 17.0 | 13.0 | 10.0 | 17.2 | 43.0 |
| 24 | 9.0 | 12.0 | 8.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 8.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 4.0 | 6.0 | 14.0 | 29.0 | 41.0 | 44.0 | 43.0 | 30.0 | 19.0 | 13.8 | 44.0 |
| 25 | 11.0 | 9.0 | 4.0 | 4.0 | 4.0 | 2.0 | 4.0 | 11.0 | 13.0 | 11.0 | 7.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 8.0 | 19.0 | 17.0 | 9.0 | 5.0 | 4.0 | 6.9 | 19.0 |
| 26 | 3.0 | 5.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.5 | 5.0 |
| 27 | 3.0 | 5.0 | 2.0 | 3.0 | 4.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | | | | | 2.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 2.2 | 5.0 |
| 28 | 1.0 | 3.0 | 1.0 | 2.0 | 2.0 | 2.0 | 4.0 | 5.0 | 4.0 | 4.0 | 5.0 | | | | 6.0 | 3.0 | 1.0 | 0.0 | 1.0 | 3.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.6 | 6.0 |
| 29 | 1.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.0 | 4.0 | 7.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1.0 | 1.1 | 7.0 |
| 30 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 2.0 |
| 31 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 1.0 |
| Ave | 15.3 | 15.6 | 11.8 | 12.2 | 9.7 | 13.0 | 21.5 | 30.1 | 27.5 | 18.5 | 14.3 | 12.5 | 15.5 | 13.0 | 12.5 | 9.5 | 9.1 | 12.7 | 24.4 | 27.5 | 25.8 | 25.7 | 23.3 | 18.2 | | |
| Max | 89.0 | 88.0 | 91.0 | 79.0 | 73.0 | 71.0 | 109. | 119. | 144. | 77.0 | 69.0 | 66.0 | 97.0 | 96.0 | 86.0 | 91.0 | 92.0 | 95.0 | 128. | 100. | 88.0 | 80.0 | 107. | 110. | | |

Hours with missing data due to performance of quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park Site

Parameter Nitrogen Dioxide (NO2) Units: PPB Month: 12 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | -10.0 | 47.0 | 39.0 | 15.0 | 10.0 | 10.0 | 7.0 | 10.0 | 8.0 | 12.0 | 14.0 | 14.0 | 13.0 | 14.0 | 14.0 | 16.0 | 22.0 | 14.0 | 15.0 | 11.0 | 7.0 | 12.0 | 13.0 | 13.1 | 47.0 |
| 2 | 15.0 | 13.0 | 14.0 | 12.0 | 13.0 | 9.0 | 7.0 | -4.0 | -1.0 | 6.0 | 12.0 | 16.0 | 15.0 | 12.0 | 16.0 | 11.0 | 18.0 | 19.0 | 18.0 | 20.0 | 15.0 | 15.0 | 16.0 | 14.0 | 12.5 | 20.0 |
| 3 | 14.0 | 15.0 | 13.0 | 9.0 | 14.0 | 8.0 | 10.0 | 7.0 | 7.0 | 10.0 | 10.0 | 11.0 | 10.0 | 10.0 | -2.0 | 12.0 | 16.0 | 18.0 | 16.0 | 14.0 | 10.0 | 10.0 | 9.0 | 13.0 | 11.0 | 18.0 |
| 4 | 14.0 | 12.0 | 16.0 | 13.0 | 12.0 | 8.0 | 11.0 | 11.0 | 7.0 | 7.0 | 7.0 | 5.0 | 7.0 | 7.0 | 13.0 | 12.0 | 12.0 | 16.0 | 10.0 | 7.0 | 10.0 | 11.0 | 9.0 | 11.0 | 10.3 | 16.0 |
| 5 | 9.0 | 7.0 | 6.0 | 6.0 | 8.0 | 10.0 | 14.0 | 12.0 | 9.0 | 7.0 | 8.0 | 7.0 | 7.0 | 8.0 | 9.0 | 9.0 | 15.0 | 23.0 | 25.0 | 20.0 | 17.0 | 14.0 | 16.0 | 11.0 | 11.5 | 25.0 |
| 6 | 11.0 | 14.0 | 17.0 | 15.0 | 16.0 | 12.0 | 12.0 | 12.0 | 11.0 | 9.0 | 5.0 | 7.0 | 8.0 | 4.0 | 3.0 | 4.0 | 3.0 | 4.0 | 4.0 | 3.0 | 6.0 | 9.0 | 10.0 | 8.0 | 8.6 | 17.0 |
| 7 | 3.0 | 3.0 | 1.0 | 3.0 | 6.0 | 3.0 | 7.0 | 11.0 | 15.0 | 12.0 | 10.0 | 8.0 | 5.0 | 5.0 | 14.0 | 5.0 | 4.0 | 8.0 | 14.0 | 10.0 | 7.0 | 5.0 | 3.0 | 5.0 | 7.0 | 15.0 |
| 8 | 6.0 | 3.0 | 4.0 | 4.0 | 5.0 | 7.0 | 11.0 | 15.0 | 12.0 | 17.0 | 10.0 | 9.0 | 7.0 | 9.0 | 13.0 | 21.0 | 19.0 | 12.0 | 13.0 | 11.0 | 16.0 | 13.0 | 11.0 | 8.0 | 10.7 | 21.0 |
| 9 | 4.0 | 8.0 | 13.0 | 10.0 | 13.0 | 11.0 | 14.0 | 16.0 | 11.0 | 10.0 | 10.0 | 7.0 | 9.0 | 15.0 | 27.0 | 37.0 | 42.0 | 39.0 | 37.0 | 36.0 | 37.0 | 31.0 | 27.0 | 26.0 | 20.4 | 42.0 |
| 10 | 21.0 | 22.0 | 21.0 | 19.0 | 18.0 | 18.0 | 24.0 | 26.0 | 30.0 | 31.0 | 30.0 | 30.0 | 33.0 | 38.0 | 45.0 | 55.0 | 45.0 | 41.0 | 39.0 | 32.0 | 28.0 | 28.0 | 25.0 | 25.0 | 30.2 | 55.0 |
| 11 | 22.0 | 21.0 | 20.0 | 18.0 | 15.0 | 15.0 | 15.0 | 16.0 | 19.0 | 21.0 | 23.0 | 24.0 | 26.0 | 27.0 | 32.0 | 36.0 | 39.0 | 36.0 | 30.0 | 29.0 | 28.0 | 23.0 | 19.0 | 19.0 | 23.9 | 39.0 |
| 12 | 16.0 | 15.0 | 15.0 | 15.0 | 17.0 | 13.0 | 14.0 | 13.0 | 9.0 | 14.0 | 20.0 | 14.0 | 6.0 | 4.0 | 5.0 | 4.0 | 5.0 | 18.0 | 14.0 | 12.0 | 9.0 | 7.0 | 8.0 | 9.0 | 11.5 | 20.0 |
| 13 | 11.0 | 9.0 | 7.0 | 8.0 | 10.0 | 8.0 | 11.0 | 10.0 | 10.0 | 7.0 | 10.0 | 7.0 | 5.0 | 9.0 | 25.0 | 21.0 | 24.0 | 35.0 | 34.0 | 30.0 | 28.0 | 26.0 | 23.0 | 22.0 | 16.3 | 35.0 |
| 14 | 22.0 | 26.0 | 25.0 | 28.0 | 25.0 | 22.0 | 23.0 | 25.0 | 24.0 | 22.0 | 19.0 | 25.0 | 26.0 | 23.0 | 23.0 | 20.0 | 19.0 | 25.0 | 21.0 | 25.0 | 23.0 | 20.0 | 14.0 | 15.0 | 22.5 | 28.0 |
| 15 | 13.0 | 10.0 | 10.0 | 12.0 | 13.0 | 14.0 | 15.0 | 15.0 | 14.0 | 17.0 | 20.0 | 16.0 | 16.0 | 16.0 | 14.0 | 18.0 | 21.0 | 29.0 | 31.0 | 29.0 | 26.0 | 24.0 | 22.0 | 21.0 | 18.2 | 31.0 |
| 16 | 20.0 | 17.0 | 17.0 | 16.0 | 17.0 | 12.0 | 14.0 | 13.0 | 14.0 | 15.0 | 21.0 | 26.0 | 26.0 | 27.0 | 21.0 | | | | | | | | | 20.0 | 18.5 | 27.0 |
| 17 | 22.0 | 16.0 | 16.0 | 17.0 | 15.0 | 12.0 | 15.0 | 21.0 | 23.0 | 17.0 | 23.0 | 32.0 | 25.0 | 175. | 45.0 | 41.0 | 41.0 | 42.0 | 39.0 | 38.0 | 39.0 | 34.0 | 30.0 | 28.0 | 33.6 | 175. |
| 18 | 24.0 | 24.0 | 22.0 | 22.0 | 18.0 | 18.0 | 18.0 | 21.0 | 18.0 | 13.0 | 11.0 | 19.0 | 25.0 | 33.0 | 41.0 | 47.0 | 41.0 | 43.0 | 47.0 | 49.0 | 45.0 | 44.0 | 39.0 | 37.0 | 30.0 | 49.0 |
| 19 | 32.0 | 36.0 | 34.0 | 31.0 | 27.0 | 26.0 | 37.0 | 34.0 | 28.0 | 29.0 | 34.0 | 26.0 | 26.0 | 30.0 | 32.0 | 33.0 | 37.0 | 40.0 | 43.0 | 47.0 | 44.0 | 46.0 | 35.0 | 31.0 | 34.1 | 47.0 |
| 20 | 31.0 | 23.0 | 21.0 | 32.0 | 26.0 | 28.0 | 29.0 | 30.0 | 35.0 | 37.0 | 36.0 | 38.0 | 45.0 | 56.0 | 58.0 | 55.0 | 57.0 | 48.0 | 46.0 | 45.0 | 37.0 | 33.0 | 35.0 | 31.0 | 38.0 | 58.0 |
| 21 | 28.0 | 34.0 | 32.0 | 31.0 | 26.0 | 23.0 | 27.0 | 46.0 | 52.0 | 40.0 | 17.0 | 19.0 | 14.0 | 12.0 | 15.0 | 15.0 | 22.0 | 35.0 | 41.0 | 38.0 | 34.0 | 33.0 | 34.0 | 24.0 | 29.0 | 52.0 |
| 22 | 25.0 | 20.0 | 20.0 | 14.0 | 10.0 | 7.0 | 13.0 | 17.0 | 14.0 | 13.0 | 12.0 | 11.0 | -1.0 | | 15.0 | 9.0 | 8.0 | 9.0 | 11.0 | 11.0 | 10.0 | 10.0 | 9.0 | 10.0 | 12.0 | 25.0 |
| 23 | 6.0 | 6.0 | 7.0 | 5.0 | 6.0 | 4.0 | 5.0 | 5.0 | 3.0 | 4.0 | 11.0 | 3.0 | | | | 5.0 | 9.0 | 12.0 | 14.0 | 14.0 | 13.0 | 10.0 | 10.0 | 9.0 | 7.7 | 14.0 |
| 24 | 8.0 | 8.0 | 10.0 | 10.0 | 8.0 | 6.0 | 8.0 | 6.0 | 6.0 | 6.0 | 6.0 | 7.0 | 6.0 | 7.0 | 9.0 | 10.0 | 12.0 | 17.0 | 18.0 | 20.0 | 19.0 | 19.0 | 14.0 | 14.0 | 10.6 | 20.0 |
| 25 | 13.0 | 15.0 | 7.0 | 7.0 | 10.0 | 5.0 | 9.0 | 10.0 | 8.0 | 8.0 | 6.0 | 6.0 | 8.0 | 6.0 | 7.0 | 7.0 | 11.0 | 16.0 | 16.0 | 17.0 | 17.0 | 15.0 | 11.0 | 8.0 | 10.1 | 17.0 |
| 26 | 8.0 | 5.0 | 6.0 | 7.0 | 7.0 | 5.0 | 3.0 | 5.0 | 4.0 | 7.0 | 5.0 | 6.0 | 4.0 | 6.0 | 7.0 | 2.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 6.0 | 5.4 | 8.0 |
| 27 | 5.0 | 8.0 | 6.0 | 4.0 | 8.0 | 6.0 | 4.0 | 6.0 | 6.0 | 5.0 | 5.0 | | | | | 15.0 | 12.0 | 10.0 | 9.0 | 8.0 | 8.0 | 8.0 | 6.0 | 7.0 | 7.3 | 15.0 |
| 28 | 8.0 | 8.0 | 9.0 | 9.0 | 11.0 | 11.0 | 12.0 | 11.0 | 13.0 | 13.0 | 13.0 | | | | 12.0 | 10.0 | 9.0 | 8.0 | 9.0 | 9.0 | 10.0 | 9.0 | 8.0 | 9.0 | 10.0 | 13.0 |
| 29 | 8.0 | 8.0 | 6.0 | 7.0 | 8.0 | 6.0 | 7.0 | 8.0 | 9.0 | 10.0 | 10.0 | 9.0 | 8.0 | 9.0 | 9.0 | 9.0 | 8.0 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 7.6 | 10.0 |
| 30 | 5.0 | 6.0 | 5.0 | 5.0 | 7.0 | 4.0 | 5.0 | 7.0 | 12.0 | 11.0 | 9.0 | 9.0 | 9.0 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 6.0 | 7.0 | 8.0 | 7.2 | 12.0 |
| 31 | 7.0 | 8.0 | 8.0 | 7.0 | 9.0 | 7.0 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 7.0 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | | 7.1 | 9.0 |
| Ave | 13.2 | 14.7 | 14.0 | 13.3 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | | |
| Max | 32.0 | 36.0 | 47.0 | 39.0 | 27.0 | 28.0 | 37.0 | 46.0 | 52.0 | 40.0 | 36.0 | 38.0 | 45.0 | 175. | 58.0 | 55.0 | 57.0 | 48.0 | 47.0 | 49.0 | 45.0 | 46.0 | 39.0 | 37.0 | | |

Hours with missing data due to performance of quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park Site

Parameter Wind Direction (WD) Units: degrees Month: 12 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 135 | 117 | 95 | 119 | 124 | 115 | 129 | 130 | 128 | 133 | 218 | 276 | 299 | 295 | 300 | 295 | 304 | 202 | 127 | 128 | 121 | 132 | 117 | 89 | 173 |
| 2 | 123 | 125 | 134 | 131 | 122 | 102 | 126 | 119 | 133 | 305 | 302 | 300 | 290 | 287 | 296 | 287 | 274 | 235 | 200 | 221 | 149 | 119 | 108 | 121 | 192 |
| 3 | 130 | 115 | 107 | 77 | 118 | 112 | 114 | 124 | 128 | 136 | 232 | 276 | 278 | 290 | 285 | 286 | 255 | 120 | 150 | 121 | 126 | 126 | 112 | 119 | 164 |
| 4 | 106 | 105 | 135 | 119 | 112 | 117 | 128 | 120 | 126 | 127 | 138 | 137 | 143 | 219 | 285 | 264 | 182 | 131 | 133 | 135 | 138 | 135 | 135 | 137 | 146 |
| 5 | 128 | 137 | 129 | 116 | 221 | 289 | 246 | 285 | 300 | 301 | 296 | 298 | 302 | 294 | 301 | 297 | 309 | 290 | 286 | 223 | 171 | 163 | 142 | 142 | 236 |
| 6 | 168 | 138 | 126 | 114 | 117 | 115 | 124 | 109 | 132 | 135 | 139 | 135 | 120 | 123 | 139 | 142 | 128 | 116 | 123 | 125 | 133 | 136 | 120 | 119 | 128 |
| 7 | 122 | 116 | 123 | 114 | 128 | 129 | 121 | 129 | 145 | 142 | 137 | 145 | 177 | 233 | 249 | 142 | 137 | 127 | 152 | 128 | 120 | 130 | 130 | 126 | 142 |
| 8 | 133 | 125 | 122 | 125 | 126 | 124 | 131 | 135 | 135 | 137 | 138 | 136 | 120 | 127 | 131 | 126 | 118 | 122 | 117 | 119 | 142 | 126 | 119 | 144 | 128 |
| 9 | 137 | 131 | 135 | 131 | 131 | 127 | 137 | 130 | 128 | 128 | 136 | 176 | 284 | 295 | 298 | 302 | 301 | 276 | 281 | 302 | 256 | 240 | 131 | 128 | 197 |
| 10 | 123 | 110 | 101 | 119 | 138 | 186 | 181 | 176 | 58 | 250 | 278 | 301 | 271 | 286 | 294 | 301 | 276 | 283 | 248 | 87 | 125 | 154 | 173 | 116 | 193 |
| 11 | 125 | 117 | 118 | 120 | 211 | 162 | 222 | 275 | 259 | 228 | 291 | 292 | 291 | 276 | 279 | 301 | 285 | 293 | 189 | 132 | 109 | 199 | 111 | 98 | 208 |
| 12 | 152 | 118 | 114 | 128 | 84 | 94 | 66 | 95 | 159 | 168 | 275 | 160 | 143 | 218 | 243 | 227 | 216 | 144 | 139 | 131 | 133 | 131 | 129 | 135 | 150 |
| 13 | 133 | 139 | 133 | 138 | 133 | 126 | 136 | 124 | 125 | 127 | 129 | 139 | 217 | 279 | 299 | 285 | 282 | 286 | 274 | 181 | 123 | 140 | 101 | 141 | 175 |
| 14 | 171 | 164 | 226 | 296 | 293 | 297 | 220 | 111 | 269 | 299 | 271 | 300 | 300 | 299 | 298 | 278 | 270 | 295 | 280 | 291 | 296 | 300 | 298 | 308 | 268 |
| 15 | 301 | 300 | 297 | 136 | 142 | 134 | 157 | 112 | 131 | 146 | 241 | 303 | 297 | 298 | 301 | 299 | 299 | 287 | 130 | 111 | 137 | 118 | 131 | 123 | 205 |
| 16 | 118 | 128 | 114 | 129 | 124 | 106 | 96 | 111 | 116 | 113 | 296 | 299 | 265 | 289 | 298 | 299 | 275 | 274 | 272 | 187 | 108 | 123 | 145 | 143 | 185 |
| 17 | 123 | 118 | 135 | 91 | 91 | 95 | 168 | 118 | 121 | 157 | 297 | 298 | 293 | 296 | 293 | 300 | 279 | 160 | 134 | 129 | 136 | 123 | 117 | 120 | 175 |
| 18 | 109 | 105 | 131 | 135 | 133 | 124 | 131 | 117 | 122 | 133 | 149 | 276 | 299 | 296 | 301 | 303 | 281 | 298 | 274 | 157 | 153 | 150 | 102 | 143 | 184 |
| 19 | 250 | 129 | 87 | 100 | 151 | 263 | 146 | 165 | 155 | 168 | 301 | 295 | 304 | 305 | 305 | 307 | 308 | 288 | 277 | 279 | 253 | 253 | 149 | 126 | 224 |
| 20 | 103 | 119 | 255 | 112 | 169 | 125 | 164 | 146 | 201 | 295 | 103 | 277 | 296 | 258 | 255 | 300 | 292 | 255 | 277 | 286 | 292 | 296 | 308 | 305 | 229 |
| 21 | 296 | 290 | 282 | 284 | 183 | 194 | 259 | 222 | 162 | 243 | 290 | 294 | 275 | 280 | 297 | 294 | 299 | 165 | 153 | 211 | 278 | 246 | 249 | 302 | 254 |
| 22 | 304 | 307 | 299 | 220 | 296 | 285 | 274 | 275 | 271 | 280 | 277 | 296 | 297 | 283 | 270 | 267 | 271 | 274 | 215 | 156 | 79 | 126 | 134 | 124 | 245 |
| 23 | 131 | 131 | 121 | 126 | 121 | 121 | 122 | 122 | 136 | 232 | 293 | 289 | 289 | 276 | 266 | 261 | 265 | 275 | 85 | 126 | 133 | 130 | 130 | 108 | 179 |
| 24 | 121 | 121 | 105 | 118 | 113 | 119 | 117 | 111 | 117 | 118 | 128 | 127 | 149 | 156 | 207 | 213 | 238 | 264 | 164 | 117 | 158 | 132 | 105 | 120 | 143 |
| 25 | 118 | 116 | 127 | 113 | 133 | 122 | 165 | 156 | 110 | 122 | 140 | 137 | 131 | 146 | 140 | 144 | 193 | 270 | 205 | 122 | 138 | 155 | 133 | 125 | 144 |
| 26 | 148 | 151 | 139 | 137 | 149 | 146 | 130 | 124 | 134 | 134 | 127 | 116 | 135 | 129 | 145 | 149 | 150 | 138 | 142 | 128 | 136 | 128 | 128 | 128 | 136 |
| 27 | 119 | 120 | 137 | 140 | 143 | 139 | 140 | 132 | 129 | 130 | 123 | | | | | 242 | 87 | 156 | 148 | 128 | 136 | 127 | 139 | 101 | 136 |
| 28 | 132 | 130 | 225 | 108 | 238 | 291 | 268 | 280 | 279 | 281 | 270 | 298 | 256 | 118 | 120 | 130 | 124 | 129 | 134 | 134 | 132 | 134 | 132 | 146 | 187 |
| 29 | 132 | 128 | 116 | 127 | 134 | 132 | 133 | 120 | 130 | 125 | 118 | 121 | 120 | 122 | 171 | 145 | 140 | 136 | 121 | 116 | 120 | 121 | 119 | 114 | 128 |
| 30 | 114 | 131 | 130 | 116 | 124 | 132 | 160 | 170 | 195 | 141 | 149 | 135 | 123 | 140 | 119 | 123 | 115 | 124 | 146 | 126 | 110 | 152 | 163 | 234 | 141 |
| 31 | 238 | 217 | 179 | 133 | 161 | 264 | 215 | 138 | 126 | 135 | 132 | 133 | 155 | 123 | 144 | 147 | 140 | 132 | 135 | 139 | 135 | 145 | 140 | | 157 |
| Ave | 145 | 151 | 135 | 150 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | |
| Max | 304 | 307 | 299 | 296 | 296 | 297 | 274 | 285 | 300 | 305 | 302 | 303 | 304 | 305 | 305 | 307 | 309 | 298 | 286 | 302 | 296 | 300 | 308 | 308 | |

Hours with missing data due to performance of quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park Site

Parameter Wind Speed (WS) Units: Meters/Second Month: 12 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 3.0 |
| 2 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 2.0 |
| 3 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 2.0 |
| 4 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 1.0 | 2.0 | 0.0 | 0.0 | 1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.1 | 3.0 |
| 5 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 3.0 |
| 6 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 4.0 | 3.0 | 4.0 | 4.0 | 2.6 | 5.0 |
| 7 | 5.0 | 6.0 | 5.0 | 5.0 | 3.0 | 4.0 | 4.0 | 3.0 | 1.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 2.6 | 6.0 |
| 8 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.9 | 4.0 |
| 9 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 3.0 |
| 10 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 2.0 |
| 11 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.0 |
| 12 | 0.0 | 0.0 | 0.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 0.0 | 0.0 | 2.0 | 3.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.1 | 3.0 |
| 13 | 2.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 0.0 | 1.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 |
| 14 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 |
| 15 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.1 | 4.0 |
| 16 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 2.0 |
| 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 2.0 |
| 18 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 2.0 |
| 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 3.0 |
| 20 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 3.0 | 2.0 | 0.8 | 3.0 |
| 21 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.0 | 3.0 | 2.0 | 3.0 | 4.0 | 3.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 2.0 | 1.1 | 4.0 |
| 22 | 2.0 | 2.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 1.5 | 4.0 |
| 23 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.2 | 3.0 |
| 24 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 1.3 | 3.0 |
| 25 | 2.0 | 2.0 | 2.0 | 1.0 | 3.0 | 2.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.5 | 3.0 |
| 26 | 2.0 | 3.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.9 | 4.0 |
| 27 | 3.0 | 3.0 | 5.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 7.0 | | | | | 1.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 3.1 | 7.0 |
| 28 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.2 | 3.0 |
| 29 | 2.0 | 2.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 2.5 | 5.0 |
| 30 | 4.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 1.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 0.0 | 1.0 | 2.2 | 4.0 |
| 31 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | | 1.2 | 2.0 |
| Ave | 1.4 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.0 | 1.0 | 1.2 | 1.6 | 1.7 | 2.0 | 1.8 | 1.9 | 2.1 | 1.9 | 1.4 | 0.9 | 1.0 | 1.0 | 1.1 | 1.1 | 1.2 | 1.3 | | |
| Max | 5.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 7.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 5.0 | 4.0 | | |

Hours with missing data due to performance of quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Temperature (TEMP) Units: degrees Celcius Month: 12 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 5.0 | 8.0 | 10.0 | 12.0 | 12.0 | 13.0 | 13.0 | 12.0 | 10.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 5.5 | 13.0 |
| 2 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 5.0 | 7.0 | 9.0 | 11.0 | 12.0 | 13.0 | 13.0 | 12.0 | 10.0 | 8.0 | 7.0 | 5.0 | 4.0 | 3.0 | 3.0 | 5.5 | 13.0 |
| 3 | 3.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 5.0 | 9.0 | 11.0 | 12.0 | 13.0 | 14.0 | 14.0 | 12.0 | 9.0 | 7.0 | 6.0 | 4.0 | 3.0 | 2.0 | 3.0 | 5.5 | 14.0 |
| 4 | 3.0 | 2.0 | 2.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 4.0 | 8.0 | 10.0 | 12.0 | 14.0 | 13.0 | 12.0 | 11.0 | 9.0 | 8.0 | 8.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 14.0 |
| 5 | 5.0 | 5.0 | 6.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 5.0 | 6.0 | 8.0 | 10.0 | 11.0 | 12.0 | 12.0 | 12.0 | 12.0 | 10.0 | 9.0 | 8.0 | 7.0 | 6.0 | 6.0 | 6.0 | 7.5 | 12.0 |
| 6 | 6.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 7.0 | 10.0 | 11.0 | 11.0 | 12.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.0 | 10.0 | 10.0 | 9.0 | 9.0 | 8.3 | 12.0 |
| 7 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.0 | 10.0 | 11.0 | 13.0 | 14.0 | 14.0 | 14.0 | 14.0 | 13.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 11.2 | 14.0 |
| 8 | 11.0 | 11.0 | 11.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 11.0 | 12.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 14.0 | 14.0 | 12.1 | 14.0 |
| 9 | 13.0 | 13.0 | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 12.0 | 12.0 | 13.0 | 14.0 | 16.0 | 17.0 | 18.0 | 18.0 | 18.0 | 17.0 | 15.0 | 15.0 | 14.0 | 13.0 | 12.0 | 10.0 | 10.0 | 13.7 | 18.0 |
| 10 | 10.0 | 10.0 | 11.0 | 10.0 | 9.0 | 9.0 | 10.0 | 10.0 | 11.0 | 11.0 | 12.0 | 12.0 | 14.0 | 15.0 | 16.0 | 17.0 | 16.0 | 14.0 | 13.0 | 11.0 | 10.0 | 10.0 | 9.0 | 9.0 | 11.6 | 17.0 |
| 11 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 | 8.0 | 9.0 | 9.0 | 10.0 | 10.0 | 10.0 | 11.0 | 12.0 | 14.0 | 15.0 | 15.0 | 13.0 | 11.0 | 10.0 | 9.0 | 9.0 | 8.0 | 8.0 | 10.0 | 15.0 |
| 12 | 7.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 9.0 | 10.0 | 11.0 | 13.0 | 14.0 | 14.0 | 14.0 | 14.0 | 13.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.2 | 14.0 |
| 13 | 11.0 | 11.0 | 11.0 | 11.0 | 10.0 | 11.0 | 11.0 | 11.0 | 12.0 | 13.0 | 14.0 | 16.0 | 17.0 | 18.0 | 18.0 | 17.0 | 16.0 | 15.0 | 13.0 | 12.0 | 10.0 | 10.0 | 10.0 | 11.0 | 12.9 | 18.0 |
| 14 | 11.0 | 11.0 | 11.0 | 11.0 | 10.0 | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 12.0 | 12.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.0 | 12.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.5 | 13.0 |
| 15 | 11.0 | 10.0 | 10.0 | 10.0 | 8.0 | 7.0 | 6.0 | 6.0 | 8.0 | 11.0 | 14.0 | 16.0 | 17.0 | 18.0 | 18.0 | 17.0 | 16.0 | 15.0 | 13.0 | 11.0 | 9.0 | 8.0 | 8.0 | 7.0 | 11.4 | 18.0 |
| 16 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 5.0 | 8.0 | 11.0 | 13.0 | 14.0 | 16.0 | 16.0 | 16.0 | 15.0 | 13.0 | 11.0 | 10.0 | 8.0 | 7.0 | 7.0 | 6.0 | 9.0 | 16.0 |
| 17 | 6.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 9.0 | 11.0 | 13.0 | 15.0 | 16.0 | 17.0 | 17.0 | 15.0 | 13.0 | 10.0 | 9.0 | 8.0 | 6.0 | 6.0 | 7.0 | 8.7 | 17.0 |
| 18 | 6.0 | 6.0 | 5.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 5.0 | 8.0 | 12.0 | 14.0 | 15.0 | 16.0 | 17.0 | 17.0 | 16.0 | 13.0 | 12.0 | 9.0 | 8.0 | 7.0 | 7.0 | 6.0 | 9.1 | 17.0 |
| 19 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 6.0 | 9.0 | 10.0 | 12.0 | 14.0 | 15.0 | 15.0 | 16.0 | 14.0 | 13.0 | 11.0 | 11.0 | 9.0 | 8.0 | 7.0 | 6.0 | 8.7 | 16.0 |
| 20 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | 6.0 | 7.0 | 7.0 | 8.0 | 9.0 | 9.0 | 9.0 | 8.0 | 7.0 | 8.0 | 8.0 | 9.0 | 9.0 | 8.0 | 6.7 | 9.0 |
| 21 | 8.0 | 7.0 | 7.0 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 7.0 | 11.0 | 14.0 | 15.0 | 17.0 | 18.0 | 18.0 | 17.0 | 16.0 | 13.0 | 10.0 | 11.0 | 13.0 | 11.0 | 11.0 | 12.0 | 10.8 | 18.0 |
| 22 | 12.0 | 12.0 | 11.0 | 11.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 12.0 | 14.0 | 15.0 | 15.0 | 15.0 | 16.0 | 15.0 | 14.0 | 13.0 | 11.0 | 8.0 | 8.0 | 7.0 | 7.0 | 6.0 | 11.6 | 16.0 |
| 23 | 5.0 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 9.0 | 12.0 | 14.0 | 15.0 | 15.0 | 16.0 | 15.0 | 14.0 | 13.0 | 10.0 | 9.0 | 8.0 | 7.0 | 7.0 | 6.0 | 8.3 | 16.0 |
| 24 | 5.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 7.0 | 9.0 | 11.0 | 14.0 | 15.0 | 17.0 | 16.0 | 15.0 | 12.0 | 10.0 | 8.0 | 6.0 | 6.0 | 6.0 | 6.0 | 8.0 | 17.0 |
| 25 | 6.0 | 5.0 | 5.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 3.0 | 6.0 | 9.0 | 12.0 | 13.0 | 13.0 | 15.0 | 15.0 | 14.0 | 11.0 | 9.0 | 8.0 | 7.0 | 8.0 | 8.0 | 8.0 | 7.8 | 15.0 |
| 26 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 8.0 | 8.0 | 9.0 | 10.0 | 11.0 | 12.0 | 11.0 | 11.0 | 11.0 | 10.0 | 11.0 | 11.0 | 11.0 | 10.0 | 11.0 | 11.0 | 9.5 | 12.0 |
| 27 | 10.0 | 11.0 | 11.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.0 | 11.0 | 9.0 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 10.1 | 13.0 |
| 28 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.0 | 10.0 | 9.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.1 | 10.0 |
| 29 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 | 8.0 | 9.0 | 10.0 | 11.0 | 11.0 | 12.0 | 13.0 | 12.0 | 11.0 | 10.0 | 10.0 | 10.0 | 9.0 | 8.0 | 8.0 | 8.0 | 9.3 | 13.0 |
| 30 | 9.0 | 10.0 | 10.0 | 10.0 | 11.0 | 11.0 | 11.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 11.0 | 11.0 | 11.0 | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.0 | 10.4 | 11.0 |
| 31 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 8.0 | 8.0 | 7.0 | 8.0 | 8.0 | 9.0 | 10.0 | 10.0 | 10.0 | 11.0 | 11.0 | 10.0 | 9.0 | 9.0 | 9.0 | 8.0 | 7.0 | 7.0 | | 8.9 | 11.0 |
| Ave | 7.4 | 7.1 | 6.9 | 6.6 | 6.2 | 6.1 | 6.0 | 6.0 | 7.1 | 8.8 | 10.6 | 12.0 | 12.9 | 13.6 | 14.1 | 13.8 | 13.0 | 11.6 | 10.3 | 9.6 | 8.8 | 8.3 | 8.0 | 7.9 | | |
| Max | 13.0 | 13.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 13.0 | 13.0 | 14.0 | 16.0 | 17.0 | 18.0 | 18.0 | 18.0 | 17.0 | 15.0 | 15.0 | 14.0 | 13.0 | 13.0 | 14.0 | 14.0 | | |

Hours with missing data due to performance of quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Relative Humidity (RH) Units: Percent (%) Month: 12 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 83 | 84 | 84 | 86 | 87 | 87 | 86 | 86 | 80 | 71 | 61 | 51 | 44 | 42 | 40 | 39 | 40 | 50 | 63 | 69 | 73 | 76 | 78 | 80 | 68 | 87 |
| 2 | 81 | 83 | 82 | 85 | 89 | 88 | 91 | 90 | 78 | 72 | 66 | 58 | 54 | 45 | 37 | 31 | 36 | 39 | 48 | 49 | 59 | 63 | 68 | 67 | 65 | 91 |
| 3 | 68 | 73 | 79 | 84 | 84 | 85 | 82 | 80 | 72 | 61 | 46 | 37 | 31 | 30 | 28 | 25 | 33 | 42 | 50 | 57 | 65 | 69 | 70 | 67 | 59 | 85 |
| 4 | 66 | 68 | 71 | 74 | 75 | 70 | 68 | 74 | 75 | 64 | 49 | 38 | 34 | 32 | 37 | 39 | 43 | 45 | 52 | 64 | 72 | 77 | 80 | 80 | 60 | 80 |
| 5 | 79 | 74 | 71 | 72 | 75 | 77 | 83 | 84 | 80 | 71 | 64 | 57 | 50 | 48 | 46 | 45 | 50 | 58 | 61 | 67 | 73 | 78 | 81 | 82 | 68 | 84 |
| 6 | 83 | 84 | 85 | 86 | 87 | 88 | 88 | 87 | 84 | 78 | 70 | 62 | 64 | 60 | 58 | 63 | 68 | 68 | 69 | 74 | 79 | 80 | 81 | 85 | 76 | 88 |
| 7 | 92 | 93 | 92 | 94 | 96 | 96 | 95 | 95 | 96 | 95 | 91 | 84 | 74 | 74 | 72 | 71 | 76 | 77 | 79 | 74 | 74 | 77 | 77 | 79 | 84 | 96 |
| 8 | 86 | 85 | 88 | 93 | 96 | 96 | 97 | 97 | 96 | 94 | 93 | 93 | 92 | 94 | 96 | 97 | 96 | 96 | 95 | 94 | 94 | 92 | 90 | 91 | 93 | 97 |
| 9 | 95 | 96 | 98 | 98 | 98 | 98 | 99 | 98 | 97 | 96 | 91 | 80 | 73 | 68 | 68 | 69 | 70 | 78 | 80 | 84 | 89 | 93 | 96 | 97 | 88 | 99 |
| 10 | 97 | 98 | 96 | 97 | 99 | 100 | 100 | 99 | 99 | 98 | 95 | 92 | 85 | 78 | 72 | 70 | 74 | 82 | 89 | 94 | 96 | 97 | 97 | 97 | 92 | 100 |
| 11 | 98 | 99 | 100 | 98 | 99 | 100 | 100 | 100 | 101 | 100 | 100 | 100 | 97 | 90 | 81 | 76 | 78 | 87 | 93 | 95 | 96 | 97 | 97 | 98 | 95 | 101 |
| 12 | 98 | 100 | 100 | 100 | 98 | 97 | 97 | 97 | 93 | 89 | 88 | 83 | 77 | 77 | 77 | 71 | 75 | 82 | 85 | 88 | 86 | 87 | 87 | 88 | 88 | 100 |
| 13 | 89 | 90 | 91 | 92 | 92 | 91 | 91 | 89 | 87 | 81 | 78 | 71 | 64 | 63 | 64 | 66 | 72 | 76 | 84 | 89 | 93 | 94 | 93 | 93 | 83 | 94 |
| 14 | 92 | 92 | 93 | 94 | 97 | 97 | 94 | 94 | 90 | 88 | 87 | 86 | 83 | 83 | 82 | 81 | 82 | 82 | 84 | 86 | 86 | 85 | 85 | 86 | 88 | 97 |
| 15 | 88 | 89 | 89 | 91 | 95 | 97 | 97 | 98 | 92 | 84 | 64 | 51 | 46 | 44 | 44 | 46 | 48 | 51 | 59 | 68 | 76 | 79 | 83 | 85 | 74 | 98 |
| 16 | 86 | 89 | 90 | 90 | 91 | 93 | 93 | 93 | 91 | 83 | 75 | 69 | 61 | 56 | 54 | 52 | 61 | 68 | 75 | 82 | 87 | 90 | 91 | 91 | 80 | 93 |
| 17 | 93 | 93 | 93 | 96 | 96 | 97 | 96 | 96 | 90 | 80 | 73 | 66 | 56 | 50 | 49 | 49 | 57 | 68 | 78 | 83 | 87 | 90 | 90 | 85 | 80 | 97 |
| 18 | 84 | 85 | 87 | 86 | 87 | 89 | 91 | 90 | 84 | 76 | 60 | 50 | 43 | 42 | 39 | 38 | 45 | 55 | 60 | 72 | 76 | 79 | 81 | 85 | 70 | 91 |
| 19 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 94 | 84 | 77 | 71 | 57 | 53 | 50 | 47 | 47 | 55 | 66 | 73 | 74 | 81 | 84 | 90 | 90 | 76 | 94 |
| 20 | 87 | 89 | 92 | 95 | 96 | 96 | 98 | 100 | 100 | 101 | 100 | 100 | 98 | 91 | 86 | 83 | 84 | 89 | 92 | 92 | 92 | 92 | 90 | 92 | 93 | 101 |
| 21 | 91 | 94 | 94 | 96 | 97 | 98 | 96 | 91 | 71 | 50 | 33 | 29 | 27 | 22 | 25 | 26 | 30 | 39 | 51 | 47 | 38 | 43 | 45 | 40 | 57 | 98 |
| 22 | 42 | 43 | 44 | 44 | 42 | 42 | 43 | 44 | 47 | 43 | 37 | 32 | 28 | 28 | 28 | 27 | 31 | 33 | 38 | 49 | 55 | 61 | 66 | 71 | 42 | 71 |
| 23 | 73 | 73 | 75 | 80 | 81 | 81 | 82 | 83 | 72 | 56 | 39 | 34 | 29 | 29 | 28 | 30 | 31 | 32 | 44 | 50 | 53 | 59 | 62 | 65 | 56 | 83 |
| 24 | 67 | 71 | 69 | 72 | 74 | 74 | 73 | 71 | 69 | 59 | 57 | 48 | 38 | 34 | 33 | 34 | 40 | 48 | 56 | 63 | 69 | 73 | 70 | 71 | 60 | 74 |
| 25 | 72 | 74 | 76 | 80 | 82 | 83 | 87 | 89 | 81 | 74 | 63 | 50 | 47 | 50 | 46 | 46 | 54 | 69 | 77 | 81 | 81 | 85 | 88 | 89 | 72 | 89 |
| 26 | 92 | 92 | 91 | 91 | 90 | 90 | 86 | 79 | 78 | 79 | 77 | 75 | 69 | 69 | 80 | 83 | 83 | 88 | 87 | 89 | 89 | 91 | 85 | 84 | 84 | 92 |
| 27 | 85 | 83 | 82 | 79 | 77 | 79 | 78 | 82 | 74 | 74 | 74 | 80 | 90 | 93 | 97 | 97 | 93 | 93 | 93 | 96 | 96 | 95 | 97 | 96 | 87 | 97 |
| 28 | 98 | 98 | 98 | 99 | 99 | 99 | 99 | 99 | 98 | 98 | 95 | 93 | 94 | 92 | 87 | 88 | 88 | 89 | 89 | 91 | 88 | 89 | 92 | 95 | 94 | 99 |
| 29 | 94 | 90 | 91 | 93 | 94 | 96 | 96 | 95 | 93 | 89 | 85 | 86 | 83 | 71 | 55 | 60 | 68 | 70 | 67 | 64 | 83 | 90 | 93 | 93 | 83 | 96 |
| 30 | 92 | 90 | 89 | 91 | 88 | 88 | 90 | 96 | 95 | 92 | 92 | 93 | 94 | 93 | 87 | 91 | 94 | 95 | 90 | 87 | 95 | 96 | 95 | 94 | 92 | 96 |
| 31 | 95 | 97 | 97 | 97 | 97 | 95 | 95 | 96 | 95 | 93 | 86 | 81 | 79 | 79 | 75 | 73 | 76 | 84 | 88 | 92 | 91 | 93 | 94 | | 89 | 97 |
| Ave | 85.0 | 85.7 | 86.4 | 87.9 | 88.7 | 89.0 | 89.2 | 89.2 | 85.2 | 79.5 | 72.9 | 67.3 | 63.1 | 60.5 | 58.6 | 58.5 | 62.3 | 67.7 | 72.5 | 76.3 | 79.7 | 82.4 | 83.6 | 83.9 | | |
| Max | 98.0 | 100.0 | 100.0 | 100. | 99.0 | 100. | 100. | 100. | 101. | 101. | 100. | 100. | 98.0 | 94.0 | 97.0 | 97.0 | 96.0 | 96.0 | 95.0 | 96.0 | 96.0 | 97.0 | 97.0 | 98.0 | | |

Hours with missing data due to performance of quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

PCR

PCR Services Corporation

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Station Temperature Units: degrees Celcius Month: 12 Year 2004

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 24.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.8 | 25.0 |
| 2 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.9 | 25.0 |
| 3 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 |
| 4 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 5 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.9 | 25.0 |
| 6 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 7 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.2 | 26.0 |
| 8 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 9 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 26.0 | 27.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.0 | 27.0 | 26.0 | 26.0 | 25.0 | 25.9 | 28.0 |
| 10 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.2 | 26.0 |
| 11 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 12 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.1 | 26.0 |
| 13 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 27.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.0 | 27.0 | 26.0 | 25.0 | 25.0 | 26.1 | 28.0 |
| 14 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 15 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 26.0 | 27.0 | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.3 | 27.0 |
| 16 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 26.0 | 27.0 | 28.0 | 30.0 | 29.0 | 29.0 | 30.0 | 29.0 | 27.0 | 26.3 | 30.0 |
| 17 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 26.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.6 | 27.0 |
| 18 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 26.0 | 27.0 | 27.0 | 27.0 | 26.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.4 | 27.0 |
| 19 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 |
| 20 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 21 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.2 | 26.0 |
| 22 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 27.0 | 29.0 | 30.0 | 30.0 | 29.0 | 28.0 | 27.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.1 | 30.0 |
| 23 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 27.0 | 29.0 | 31.0 | 32.0 | 32.0 | 30.0 | 29.0 | 28.0 | 27.0 | 26.0 | 25.0 | 25.0 | 26.7 | 32.0 |
| 24 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 25.0 | 26.0 | 27.0 | 27.0 | 28.0 | 28.0 | 27.0 | 27.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.5 | 28.0 |
| 25 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 25.0 | 25.0 | 26.0 | 26.0 | 27.0 | 27.0 | 26.0 | 26.0 | 25.0 | 25.0 | 25.0 | 24.0 | 25.2 | 27.0 |
| 26 | 24.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.5 | 25.0 |
| 27 | 24.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 25.0 | 27.0 | 28.0 | 27.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 28.0 |
| 28 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 25.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.3 | 26.0 |
| 29 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.5 | 25.0 |
| 30 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 31 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| Ave | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.8 | 24.7 | 24.7 | 24.8 | 25.1 | 25.4 | 25.7 | 25.9 | 25.8 | 25.8 | 25.5 | 25.3 | 25.1 | 25.0 | 24.9 | 24.8 | | |
| Max | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 26.0 | 27.0 | 29.0 | 31.0 | 32.0 | 32.0 | 30.0 | 30.0 | 29.0 | 29.0 | 30.0 | 29.0 | 27.0 | | |

Hours with missing data due to performance of quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

PCR Services

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Carbon Monoxide (CO) Units: PPM Month: January Year 2005

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.3 | 2.0 |
| 2 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.9 | 2.0 |
| 3 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 2.0 |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.0 | 15.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 17.0 |
| 6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.1 | 1.0 |
| 12 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 1.0 |
| 13 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.0 |
| 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.3 | 1.0 |
| 17 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.4 | 1.0 |
| 18 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.0 |
| 19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 1.5 | 4.0 |
| 21 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.7 | 4.0 |
| 22 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.6 | 4.0 |
| 23 | 5.0 | 8.0 | 5.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 8.0 |
| 24 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 |
| 26 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ave | 0.7 | 0.9 | 0.7 | 0.6 | 0.4 | 0.4 | 0.4 | 0.5 | 0.4 | 0.4 | 0.4 | 0.2 | 0.2 | 0.2 | 0.7 | 0.8 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | | |
| Max | 5.0 | 8.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 17.0 | 15.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | | |

Hours with missing data due to performance of quality control checks
(Calibrations, Zero/Span/Precision Checks, etc.)

PCR Services

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Nitrogen Oxides (NOX) Units: PPB Month: January Year 2005

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.0 | 17.0 | 6.0 | 6.0 | 8.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 8.0 | 9.0 | 9.0 | 10.0 | 8.0 | 8.0 | 8.0 | 7.0 | 17.0 |
| 2 | 7.0 | 6.0 | 6.0 | 6.0 | 7.0 | 5.0 | 5.0 | 5.0 | 3.0 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | -1.0 | 0.0 | 2.0 | 4.0 | 5.0 | 4.0 | 0.0 | -1.0 | 0.0 | 1.0 | 3.0 | 7.0 |
| 3 | 2.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 6.0 | 15.0 | 16.0 | 20.0 | | | 15.0 | 12.0 | 13.0 | 17.0 | 19.0 | 26.0 | 30.0 | 41.0 | 39.0 | 31.0 | 26.0 | 21.0 | 15.9 | 41.0 |
| 4 | 16.0 | 14.0 | 14.0 | 15.0 | 19.0 | 18.0 | 21.0 | 40.0 | 43.0 | 40.0 | 32.0 | 24.0 | 18.0 | 14.0 | 14.0 | 15.0 | 16.0 | 17.0 | 19.0 | 18.0 | 17.0 | 18.0 | 17.0 | 14.0 | 20.5 | 43.0 |
| 5 | 12.0 | 6.0 | 9.0 | 8.0 | 6.0 | 0.0 | 1.0 | 12.0 | 16.0 | 14.0 | 12.0 | 11.0 | 10.0 | 10.0 | 189. | 182. | 9.0 | 12.0 | 13.0 | 16.0 | 18.0 | 20.0 | 24.0 | 26.0 | 26.5 | 189. |
| 6 | 27.0 | 27.0 | 25.0 | 24.0 | 91.0 | 68.0 | 40.0 | 49.0 | 53.0 | 43.0 | 25.0 | 18.0 | 19.0 | 19.0 | 9.0 | 10.0 | 12.0 | 14.0 | 18.0 | 16.0 | 13.0 | 12.0 | 12.0 | 10.0 | 27.3 | 91.0 |
| 7 | 8.0 | 7.0 | 5.0 | 4.0 | 71.0 | 45.0 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 4.0 | 7.0 | 8.0 | 7.0 | | 7.0 | 8.0 | 10.0 | 11.0 | 10.0 | 11.0 | 5.0 | 4.0 | 10.7 | 71.0 |
| 8 | 2.0 | | 5.0 | 4.0 | 71.0 | 45.0 | 5.0 | | 4.0 | 4.0 | 6.0 | 9.0 | 9.0 | 9.0 | 9.0 | 8.0 | 9.0 | 9.0 | 9.0 | 8.0 | 8.0 | 9.0 | 5.0 | 5.0 | 11.5 | 71.0 |
| 9 | 5.0 | 1.0 | 2.0 | 4.0 | 71.0 | 49.0 | 7.0 | 7.0 | 8.0 | 12.0 | 14.0 | 14.0 | 11.0 | 10.0 | 9.0 | 9.0 | 10.0 | 12.0 | 14.0 | 19.0 | 21.0 | 19.0 | 17.0 | 14.0 | 15.0 | 71.0 |
| 10 | 12.0 | 11.0 | 12.0 | 9.0 | 74.0 | 50.0 | 14.0 | 11.0 | 7.0 | 6.0 | 6.0 | 11.0 | 10.0 | 12.0 | 10.0 | 8.0 | 6.0 | 6.0 | 6.0 | 7.0 | | 7.0 | 10.0 | 1.0 | 13.3 | 74.0 |
| 11 | 6.0 | 4.0 | 5.0 | 5.0 | 6.0 | 6.0 | 7.0 | 6.0 | | 7.0 | 7.0 | 6.0 | 2.0 | 5.0 | 4.0 | 5.0 | 6.0 | 6.0 | | | | | | | 5.5 | 7.0 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 20 | | | | | | | | | | | | | | | | | | | | 85.0 | 90.0 | 92.0 | 92.0 | 95.0 | 90.8 | 95.0 |
| 21 | 101.0 | 116.0 | 119.0 | 129. | 112. | 97.0 | 92.0 | 85.0 | 95.0 | 105. | 108. | 100. | 81.0 | 91.0 | 71.0 | 70.0 | 74.0 | 78.0 | 88.0 | 101. | 108. | 97.0 | 98.0 | 95.0 | 96.3 | 129. |
| 22 | 90.0 | 80.0 | 76.0 | 79.0 | 76.0 | 76.0 | 76.0 | 73.0 | 76.0 | 74.0 | 79.0 | 81.0 | 72.0 | 68.0 | 64.0 | 60.0 | 54.0 | 53.0 | 57.0 | 61.0 | 61.0 | 68.0 | 82.0 | 98.0 | 72.3 | 98.0 |
| 23 | 79.0 | 42.0 | 39.0 | 37.0 | 33.0 | 30.0 | 32.0 | 29.0 | 29.0 | 31.0 | 32.0 | 36.0 | 37.0 | 38.0 | 45.0 | 49.0 | 42.0 | 36.0 | 43.0 | 51.0 | 60.0 | 64.0 | 56.0 | 55.0 | 42.7 | 79.0 |
| 24 | 50.0 | 49.0 | 48.0 | 43.0 | 34.0 | 31.0 | 35.0 | 39.0 | 46.0 | 54.0 | 59.0 | 59.0 | 53.0 | 50.0 | 56.0 | 60.0 | 73.0 | 97.0 | 107. | 113. | 117. | 107. | 92.0 | 78.0 | 64.6 | 117. |
| 25 | 64.0 | 50.0 | 74.0 | 74.0 | 52.0 | 36.0 | 34.0 | 72.0 | 101. | 66.0 | | 2.0 | 3.0 | 13.0 | 25.0 | 36.0 | 58.0 | 73.0 | 84.0 | 86.0 | 82.0 | 76.0 | | 67.0 | 56.5 | 101. |
| 26 | 61.0 | 53.0 | 49.0 | 45.0 | 38.0 | 35.0 | 33.0 | 39.0 | 43.0 | 38.0 | 31.0 | 31.0 | 34.0 | 37.0 | 24.0 | 13.0 | 12.0 | 15.0 | 23.0 | 29.0 | 36.0 | 32.0 | 36.0 | 34.0 | 34.2 | 61.0 |
| 27 | 31.0 | 23.0 | 23.0 | 18.0 | 15.0 | 19.0 | 17.0 | 22.0 | 29.0 | 26.0 | 16.0 | 11.0 | | 1.0 | 26.0 | 27.0 | 28.0 | 27.0 | 26.0 | 27.0 | 27.0 | 25.0 | 20.0 | 17.0 | 21.8 | 31.0 |
| 28 | 15.0 | 14.0 | 13.0 | 15.0 | 14.0 | 15.0 | 22.0 | 28.0 | 32.0 | 30.0 | | | | | 16.0 | 13.0 | 14.0 | 16.0 | 15.0 | 21.0 | 24.0 | 27.0 | 31.0 | 31.0 | 20.3 | 32.0 |
| 29 | 31.0 | 30.0 | 32.0 | 24.0 | 21.0 | 20.0 | 25.0 | | 29.0 | 27.0 | 15.0 | 13.0 | 6.0 | 1.0 | 2.0 | 5.0 | 8.0 | 13.0 | 17.0 | 26.0 | 34.0 | 36.0 | 40.0 | 49.0 | 21.9 | 49.0 |
| 30 | 59.0 | 59.0 | 62.0 | 63.0 | 46.0 | 35.0 | 32.0 | 30.0 | 33.0 | 30.0 | 29.0 | 29.0 | 26.0 | 14.0 | 12.0 | 11.0 | 12.0 | 15.0 | | 33.0 | 46.0 | 57.0 | 52.0 | 45.0 | 35.4 | 63.0 |
| 31 | 35.0 | 28.0 | 32.0 | 29.0 | 21.0 | 19.0 | 23.0 | 38.0 | 33.0 | 31.0 | 30.0 | 36.0 | 38.0 | 50.0 | 47.0 | 39.0 | 57.0 | 48.0 | 55.0 | 76.0 | 86.0 | 86.0 | 88.0 | 89.0 | 46.4 | 89.0 |
| Ave | 32.6 | 30.3 | 29.8 | 29.1 | 40.3 | 32.0 | 24.2 | 30.4 | 33.5 | 30.5 | 27.0 | 25.1 | 22.9 | 22.3 | 29.9 | 30.6 | 24.3 | 27.0 | 32.4 | 39.0 | 43.2 | 41.0 | 38.6 | 39.0 | | |
| Max | 101.0 | 116.0 | 119.0 | 129. | 112. | 97.0 | 92.0 | 85.0 | 101. | 105. | 108. | 100. | 81.0 | 91.0 | 189. | 182. | 74.0 | 97.0 | 107. | 113. | 117. | 107. | 98.0 | 98.0 | | |

Hours with missing data due to performance of quality control checks
(Calibrations, Zero/Span/Precision Checks, etc.)

Data between 1/11/05 @ 1800 through 1/20/05 @ 1800 invalid due to instrument malfunction.

PCR Services

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Nitrous Oxide (NO) Units: PPB Month: January Year 2005

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0 | 10.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.5 | 10.0 |
| 2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 6.0 | 9.0 | 8.0 | | | 0.0 | 1.0 | 1.0 | 3.0 | 3.0 | 8.0 | 15.0 | 29.0 | 27.0 | 20.0 | 17.0 | 12.0 | 7.3 | 29.0 |
| 4 | 8.0 | 6.0 | 5.0 | 5.0 | 8.0 | 7.0 | 11.0 | 30.0 | 33.0 | 31.0 | 24.0 | 14.0 | 8.0 | 6.0 | 5.0 | 6.0 | 7.0 | 7.0 | 10.0 | 8.0 | 7.0 | 9.0 | 8.0 | 6.0 | 11.2 | 33.0 |
| 5 | 4.0 | 3.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 5.0 | 9.0 | 9.0 | 6.0 | 3.0 | 2.0 | 1.0 | 180. | 101. | 1.0 | 2.0 | 4.0 | 6.0 | 8.0 | 10.0 | 14.0 | 17.0 | 16.2 | 180. |
| 6 | 19.0 | 19.0 | 17.0 | 16.0 | 30.0 | 25.0 | 32.0 | 41.0 | 44.0 | 34.0 | 13.0 | 6.0 | 9.0 | 10.0 | 1.0 | 1.0 | 3.0 | 5.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 7.0 | 15.4 | 44.0 |
| 7 | 5.0 | 1.0 | 0.0 | 0.0 | 15.0 | 6.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.6 | 15.0 |
| 8 | 2.0 | | 1.0 | 1.0 | 16.0 | 7.0 | 1.0 | | 2.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.6 | 16.0 |
| 9 | 2.0 | 1.0 | 1.0 | 1.0 | 17.0 | 9.0 | 3.0 | 2.0 | 3.0 | 5.0 | 6.0 | 3.0 | 1.0 | 0.0 | 0.0 | 0.0 | 3.0 | 5.0 | 8.0 | 13.0 | 16.0 | 14.0 | 13.0 | 12.0 | 5.8 | 17.0 |
| 10 | 11.0 | 9.0 | 10.0 | 8.0 | 22.0 | 13.0 | 7.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 2.0 | 1.0 | 2.0 | 2.0 | | 1.0 | 1.0 | 1.0 | 5.4 | 22.0 |
| 11 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | 0.5 | 2.0 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 20 | | | | | | | | | | | | | | | | | | | | 77.0 | 81.0 | 86.0 | 88.0 | 93.0 | 85.0 | 93.0 |
| 21 | 95.0 | 109.0 | 119.0 | 128. | 101. | 86.0 | 81.0 | 80.0 | 91.0 | 94.0 | 86.0 | 79.0 | 53.0 | 55.0 | 36.0 | 38.0 | 45.0 | 55.0 | 68.0 | 82.0 | 87.0 | 81.0 | 83.0 | 82.0 | 79.8 | 128. |
| 22 | 76.0 | 69.0 | 67.0 | 73.0 | 67.0 | 66.0 | 67.0 | 62.0 | 66.0 | 63.0 | 61.0 | 62.0 | 55.0 | 52.0 | 43.0 | 36.0 | 35.0 | 40.0 | 46.0 | 50.0 | 52.0 | 59.0 | 73.0 | 88.0 | 59.5 | 88.0 |
| 23 | 71.0 | 36.0 | 32.0 | 26.0 | 23.0 | 23.0 | 24.0 | 24.0 | 25.0 | 26.0 | 27.0 | 27.0 | 24.0 | 23.0 | 23.0 | 22.0 | 17.0 | 18.0 | 27.0 | 36.0 | 47.0 | 51.0 | 44.0 | 42.0 | 30.8 | 71.0 |
| 24 | 40.0 | 40.0 | 38.0 | 33.0 | 25.0 | 22.0 | 29.0 | 37.0 | 42.0 | 50.0 | 52.0 | 49.0 | 42.0 | 38.0 | 32.0 | 31.0 | 46.0 | 69.0 | 84.0 | 91.0 | 96.0 | 86.0 | 73.0 | 61.0 | 50.3 | 96.0 |
| 25 | 48.0 | 35.0 | 60.0 | 60.0 | 43.0 | 30.0 | 27.0 | 62.0 | 89.0 | 55.0 | | 0.0 | 0.0 | 4.0 | 14.0 | 22.0 | 40.0 | 55.0 | 65.0 | 69.0 | 66.0 | 61.0 | | 54.0 | 44.2 | 89.0 |
| 26 | 48.0 | 42.0 | 38.0 | 34.0 | 27.0 | 25.0 | 28.0 | 31.0 | 31.0 | 29.0 | 22.0 | 23.0 | 27.0 | 29.0 | 12.0 | 3.0 | 3.0 | 4.0 | 13.0 | 20.0 | 27.0 | 28.0 | 27.0 | 26.0 | 24.9 | 48.0 |
| 27 | 24.0 | 19.0 | 17.0 | 14.0 | 10.0 | 10.0 | 12.0 | 14.0 | 19.0 | 16.0 | 9.0 | 5.0 | | 0.0 | 18.0 | 19.0 | 18.0 | 17.0 | 17.0 | 18.0 | 17.0 | 15.0 | 8.0 | 6.0 | 14.0 | 24.0 |
| 28 | 5.0 | 3.0 | 4.0 | 6.0 | 5.0 | 6.0 | 11.0 | 18.0 | 22.0 | 19.0 | | | | | 1.0 | 0.0 | 0.0 | 1.0 | 3.0 | 9.0 | 13.0 | 17.0 | 21.0 | 23.0 | 9.1 | 23.0 |
| 29 | 23.0 | 25.0 | 24.0 | 22.0 | 10.0 | 6.0 | 10.0 | | 12.0 | 7.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 15.0 | 22.0 | 22.0 | 33.0 | 42.0 | 12.1 | 42.0 |
| 30 | 49.0 | 56.0 | 55.0 | 55.0 | 39.0 | 27.0 | 24.0 | 22.0 | 25.0 | 22.0 | 19.0 | 9.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | | 18.0 | 33.0 | 45.0 | 41.0 | 34.0 | 24.4 | 56.0 |
| 31 | 25.0 | 19.0 | 23.0 | 20.0 | 13.0 | 10.0 | 15.0 | 30.0 | 25.0 | 22.0 | 20.0 | 16.0 | 15.0 | 21.0 | 18.0 | 11.0 | 25.0 | 21.0 | 36.0 | 59.0 | 71.0 | 70.0 | 73.0 | 77.0 | 30.6 | 77.0 |
| Ave | 25.3 | 23.9 | 23.3 | 22.9 | 21.5 | 17.2 | 17.5 | 23.5 | 26.3 | 22.7 | 18.7 | 15.1 | 12.2 | 17.2 | 17.7 | 14.1 | 11.3 | 14.1 | 20.7 | 27.8 | 32.4 | 31.2 | 29.9 | 31.2 | | |
| Max | 95.0 | 109.0 | 119.0 | 128. | 101. | 86.0 | 81.0 | 80.0 | 91.0 | 94.0 | 86.0 | 79.0 | 55.0 | 55.0 | 180. | 101. | 46.0 | 69.0 | 84.0 | 91.0 | 96.0 | 86.0 | 88.0 | 93.0 | | |

Hours with missing data due to performance of quality control checks
(Calibrations, Zero/Span/Precision Checks, etc.)

Data between 1/11/05 @ 1800 through 1/20/05 @ 1800 invalid due to instrument malfunction.

PCR Services

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park Site

Parameter Nitrogen Dioxide (NO2) Units: PPB Month: January Year 2005

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.0 | 6.0 | 6.0 | 6.0 | 7.0 | 5.0 | 5.0 | 6.0 | 5.0 | 5.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 6.3 | 8.0 |
| 2 | 6.0 | 6.0 | 6.0 | 6.0 | 7.0 | 5.0 | 5.0 | 5.0 | 3.0 | 3.0 | 1.0 | 1.0 | 1.0 | 2.0 | -1.0 | 0.0 | 2.0 | 5.0 | 5.0 | 4.0 | 0.0 | 0.0 | 0.0 | 2.0 | 3.1 | 7.0 |
| 3 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 8.0 | 6.0 | 11.0 | | | 14.0 | 11.0 | 11.0 | 14.0 | 16.0 | 18.0 | 14.0 | 11.0 | 11.0 | 10.0 | 9.0 | 9.0 | 8.2 | 18.0 |
| 4 | 8.0 | 7.0 | 8.0 | 10.0 | 11.0 | 10.0 | 9.0 | 10.0 | 9.0 | 9.0 | 8.0 | 9.0 | 9.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 8.0 | 8.9 | 11.0 |
| 5 | 8.0 | 3.0 | 7.0 | 6.0 | 4.0 | -1.0 | 0.0 | 7.0 | 7.0 | 5.0 | 5.0 | 8.0 | 8.0 | 8.0 | 8.0 | 80.0 | 7.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.0 | 8.0 | 9.7 | 80.0 |
| 6 | 8.0 | 7.0 | 7.0 | 7.0 | 60.0 | 43.0 | 7.0 | 8.0 | 8.0 | 9.0 | 12.0 | 11.0 | 10.0 | 9.0 | 7.0 | 8.0 | 9.0 | 9.0 | 10.0 | 8.0 | 5.0 | 3.0 | 4.0 | 2.0 | 11.3 | 60.0 |
| 7 | 3.0 | 5.0 | 5.0 | 4.0 | 55.0 | 38.0 | 1.0 | 2.0 | 2.0 | 3.0 | 4.0 | 3.0 | 7.0 | 7.0 | 7.0 | | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 4.0 | 2.0 | 8.9 | 55.0 |
| 8 | 0.0 | | 3.0 | 3.0 | 54.0 | 38.0 | 4.0 | | 1.0 | 0.0 | 3.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 3.0 | 3.0 | 8.4 | 54.0 |
| 9 | 3.0 | 0.0 | 0.0 | 3.0 | 53.0 | 40.0 | 4.0 | 4.0 | 5.0 | 6.0 | 7.0 | 10.0 | 10.0 | 10.0 | 9.0 | 8.0 | 6.0 | 6.0 | 5.0 | 6.0 | 5.0 | 5.0 | 3.0 | 1.0 | 8.7 | 53.0 |
| 10 | 0.0 | 1.0 | 2.0 | 0.0 | 52.0 | 37.0 | 7.0 | 5.0 | 1.0 | 0.0 | 2.0 | 7.0 | 7.0 | 8.0 | 5.0 | 5.0 | 4.0 | 4.0 | 3.0 | 4.0 | | 6.0 | 8.0 | 0.0 | 7.3 | 52.0 |
| 11 | 5.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | | 5.0 | 4.0 | 6.0 | 2.0 | 5.0 | 5.0 | 6.0 | 7.0 | 6.0 | | | | | | | 4.8 | 7.0 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | 7.0 | 9.0 | 6.0 | 4.0 | 2.0 | 5.6 | 9.0 |
| 21 | 6.0 | 6.0 | 0.0 | 0.0 | 10.0 | 10.0 | 10.0 | 5.0 | 3.0 | 11.0 | 21.0 | 20.0 | 28.0 | 36.0 | 34.0 | 32.0 | 29.0 | 22.0 | 20.0 | 18.0 | 21.0 | 15.0 | 14.0 | 13.0 | 16.0 | 36.0 |
| 22 | 13.0 | 10.0 | 8.0 | 6.0 | 8.0 | 9.0 | 9.0 | 10.0 | 9.0 | 11.0 | 17.0 | 19.0 | 17.0 | 15.0 | 21.0 | 23.0 | 19.0 | 13.0 | 11.0 | 10.0 | 8.0 | 9.0 | 8.0 | 9.0 | 12.2 | 23.0 |
| 23 | 8.0 | 5.0 | 7.0 | 11.0 | 9.0 | 6.0 | 7.0 | 4.0 | 4.0 | 4.0 | 5.0 | 8.0 | 12.0 | 15.0 | 21.0 | 26.0 | 24.0 | 18.0 | 16.0 | 15.0 | 13.0 | 12.0 | 11.0 | 12.0 | 11.4 | 26.0 |
| 24 | 10.0 | 9.0 | 9.0 | 9.0 | 8.0 | 8.0 | 5.0 | 2.0 | 3.0 | 4.0 | 6.0 | 10.0 | 10.0 | 11.0 | 23.0 | 28.0 | 27.0 | 27.0 | 23.0 | 21.0 | 20.0 | 20.0 | 19.0 | 17.0 | 13.7 | 28.0 |
| 25 | 15.0 | 14.0 | 14.0 | 13.0 | 9.0 | 6.0 | 7.0 | 9.0 | 11.0 | 11.0 | | 3.0 | 3.0 | 8.0 | 11.0 | 13.0 | 17.0 | 18.0 | 18.0 | 17.0 | 16.0 | 15.0 | | 13.0 | 12.0 | 18.0 |
| 26 | 13.0 | 10.0 | 10.0 | 10.0 | 11.0 | 9.0 | 5.0 | 8.0 | 11.0 | 8.0 | 8.0 | 7.0 | 6.0 | 8.0 | 12.0 | 10.0 | 9.0 | 10.0 | 9.0 | 8.0 | 8.0 | 4.0 | 9.0 | 8.0 | 8.8 | 13.0 |
| 27 | 7.0 | 3.0 | 6.0 | 4.0 | 5.0 | 8.0 | 4.0 | 7.0 | 10.0 | 10.0 | 7.0 | 6.0 | | 1.0 | 8.0 | 7.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.0 | 11.0 | 10.0 | 7.3 | 11.0 |
| 28 | 9.0 | 10.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.0 | 10.0 | 10.0 | 10.0 | | | | | 15.0 | 13.0 | 14.0 | 15.0 | 12.0 | 11.0 | 10.0 | 10.0 | 9.0 | 7.0 | 10.7 | 15.0 |
| 29 | 8.0 | 4.0 | 7.0 | 1.0 | 10.0 | 13.0 | 14.0 | | 17.0 | 20.0 | 13.0 | 12.0 | 7.0 | 1.0 | 3.0 | 6.0 | 8.0 | 12.0 | 12.0 | 10.0 | 12.0 | 13.0 | 6.0 | 6.0 | 9.3 | 20.0 |
| 30 | 9.0 | 2.0 | 6.0 | 8.0 | 7.0 | 7.0 | 8.0 | 7.0 | 8.0 | 7.0 | 10.0 | 19.0 | 21.0 | 14.0 | 12.0 | 12.0 | 12.0 | 13.0 | | 14.0 | 13.0 | 12.0 | 11.0 | 10.0 | 10.6 | 21.0 |
| 31 | 10.0 | 9.0 | 8.0 | 9.0 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 10.0 | 19.0 | 23.0 | 29.0 | 28.0 | 27.0 | 31.0 | 26.0 | 19.0 | 16.0 | 14.0 | 15.0 | 14.0 | 12.0 | 15.3 | 31.0 |
| Ave | 5.7 | 6.0 | 5.9 | 18.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | | |
| Max | 15.0 | 14.0 | 14.0 | 13.0 | 60.0 | 43.0 | 14.0 | 10.0 | 17.0 | 20.0 | 21.0 | 20.0 | 28.0 | 36.0 | 34.0 | 80.0 | 31.0 | 27.0 | 23.0 | 21.0 | 21.0 | 20.0 | 19.0 | 17.0 | | |

Hours with missing data due to performance of quality control checks (Calibrations, Zero/Span/Precision Checks, etc.)

Data between 1/11/05 @ 1800 through 1/20/05 @ 1800 invalid due to instrument malfunction.

PCR Services

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park Site

Parameter Wind Speed (WS) Units: Meters/Second Month: January Year 2005

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.5 | 3.0 |
| 2 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 |
| 3 | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 2.0 |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 1.3 | 3.0 |
| 5 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.9 | 3.0 |
| 6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 2.0 | 3.0 | 0.9 | 3.0 |
| 7 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 6.0 | 5.0 | 2.0 | 2.0 | | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.3 | 6.0 |
| 8 | 1.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.9 | 2.0 |
| 9 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.8 | 2.0 |
| 10 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | | 0.0 | 1.0 | 1.0 | 1.9 | 3.0 |
| 11 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | | 1.0 | 1.0 | 2.0 | 5.0 | 5.0 | 5.0 | 4.0 | 2.0 | 2.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.7 | 5.0 |
| 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.7 | 2.0 |
| 13 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 2.0 |
| 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 2.0 |
| 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.7 | 2.0 |
| 16 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 3.0 |
| 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 2.0 |
| 18 | 0.0 | 2.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 2.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 2.0 |
| 19 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 2.0 |
| 20 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 3.0 |
| 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.7 | 2.0 |
| 22 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 2.0 |
| 23 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.8 | 2.0 |
| 24 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 0.6 | 2.0 |
| 25 | 2.0 | 1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | | 2.0 | 1.2 | 3.0 |
| 26 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.7 | 3.0 |
| 27 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.6 | 4.0 |
| 28 | 3.0 | 3.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.0 |
| 29 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 2.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.4 | 4.0 |
| 30 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.8 | 3.0 |
| 31 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 3.0 |
| Ave | 0.9 | 0.9 | 0.7 | 0.7 | 1.0 | 1.1 | 1.1 | 1.0 | 1.0 | 1.4 | 1.7 | 1.9 | 2.1 | 2.0 | 2.1 | 1.9 | 1.4 | 0.9 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.8 | | |
| Max | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | | |

Hours with missing data due to performance of quality control checks
(Calibrations, Zero/Span/Precision Checks, etc.)

PCR Services

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park Site

Parameter Wind Speed (WS) Units: Meters/Second Month: January Year 2005

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.5 | 3.0 |
| 2 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 |
| 3 | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 2.0 |
| 4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 1.3 | 3.0 |
| 5 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.9 | 3.0 |
| 6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 2.0 | 3.0 | 0.9 | 3.0 |
| 7 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 6.0 | 5.0 | 2.0 | 2.0 | | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.3 | 6.0 |
| 8 | 1.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 0.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.9 | 2.0 |
| 9 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.8 | 2.0 |
| 10 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | | 0.0 | 1.0 | 1.0 | 1.9 | 3.0 |
| 11 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | | 1.0 | 1.0 | 2.0 | 5.0 | 5.0 | 5.0 | 4.0 | 2.0 | 2.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.7 | 5.0 |
| 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.7 | 2.0 |
| 13 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 2.0 |
| 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 2.0 |
| 15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.7 | 2.0 |
| 16 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 3.0 |
| 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 2.0 |
| 18 | 0.0 | 2.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 2.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 2.0 |
| 19 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 2.0 |
| 20 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 3.0 |
| 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.7 | 2.0 |
| 22 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 0.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 2.0 |
| 23 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.8 | 2.0 |
| 24 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 0.6 | 2.0 |
| 25 | 2.0 | 1.0 | 0.0 | 1.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | | 2.0 | 1.2 | 3.0 |
| 26 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.7 | 3.0 |
| 27 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.6 | 4.0 |
| 28 | 3.0 | 3.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.0 |
| 29 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 2.0 | 1.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 1.4 | 4.0 |
| 30 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.8 | 3.0 |
| 31 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 3.0 |
| Ave | 0.9 | 0.9 | 0.7 | 0.7 | 1.0 | 1.1 | 1.1 | 1.0 | 1.0 | 1.4 | 1.7 | 1.9 | 2.1 | 2.0 | 2.1 | 1.9 | 1.4 | 0.9 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.8 | | |
| Max | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | | |

Hours with missing data due to performance of quality control checks
(Calibrations, Zero/Span/Precision Checks, etc.)

PCR Services

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Temperature (TEMP) Units: degrees Celcius Month: January Year 2005

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 10.0 | 11.0 | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 | 9.0 | 8.0 | 7.0 | 6.0 | 7.0 | 7.0 | 7.0 | 8.2 | 11.0 |
| 2 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.6 | 9.0 |
| 3 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 7.0 | 8.0 | 8.0 | 9.0 | 10.0 | 10.0 | 10.0 | 9.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 7.0 | 7.3 | 10.0 |
| 4 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 8.0 |
| 5 | 6.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 7.0 | 8.0 | 9.0 | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.0 | 9.0 | 9.0 | 9.0 | 8.0 | 7.0 | 6.0 | 7.9 | 11.0 |
| 6 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 4.0 | 5.0 | 5.0 | 5.0 | 6.0 | 8.0 | 11.0 | 12.0 | 12.0 | 12.0 | 11.0 | 10.0 | 10.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.5 | 12.0 |
| 7 | 9.0 | 9.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 | 10.0 | 11.0 | 10.0 | 10.0 | 11.0 | 12.0 | 13.0 | 12.0 | | 11.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 9.0 | 9.0 | 10.0 | 13.0 |
| 8 | 9.0 | | 9.0 | 9.0 | 9.0 | 8.0 | 8.0 | | 8.0 | 8.0 | 9.0 | 10.0 | 10.0 | 11.0 | 11.0 | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.0 | 9.0 | 9.0 | 9.0 | 9.5 | 11.0 |
| 9 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.0 | 10.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.3 | 11.0 |
| 10 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.0 | 10.0 | 11.0 | 13.0 | 13.0 | 13.0 | 12.0 | 12.0 | 12.0 | 11.0 | 10.0 | | 9.0 | 9.0 | 8.0 | 10.2 | 13.0 |
| 11 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | | 8.0 | 9.0 | 10.0 | 10.0 | 11.0 | 10.0 | 10.0 | 10.0 | 9.0 | 8.0 | 7.0 | 7.0 | 6.0 | 5.0 | 4.0 | 8.0 | 11.0 |
| 12 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 5.0 | 7.0 | 9.0 | 11.0 | 12.0 | 13.0 | 13.0 | 13.0 | 10.0 | 9.0 | 8.0 | 7.0 | 6.0 | 4.0 | 4.0 | 6.3 | 13.0 |
| 13 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 6.0 | 6.0 | 7.0 | 7.0 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 4.9 | 8.0 |
| 14 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.0 | 5.0 | 7.0 | 9.0 | 9.0 | 10.0 | 11.0 | 10.0 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 4.4 | 11.0 |
| 15 | 2.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.0 | 5.0 | 7.0 | 9.0 | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.0 | 9.0 | 9.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.8 | 11.0 |
| 16 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | 9.0 | 10.0 | 11.0 | 13.0 | 14.0 | 14.0 | | 13.0 | 10.0 | 9.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.7 | 14.0 |
| 17 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 6.0 | 7.0 | 8.0 | 11.0 | 13.0 | 14.0 | 15.0 | 15.0 | 14.0 | 13.0 | 11.0 | 9.0 | 8.0 | 8.0 | 7.0 | 7.0 | 8.5 | 15.0 |
| 18 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 6.0 | 7.0 | 7.0 | 10.0 | 12.0 | 13.0 | 14.0 | 14.0 | 14.0 | 12.0 | 11.0 | 10.0 | 9.0 | 8.0 | 7.0 | 6.0 | 8.9 | 14.0 |
| 19 | 5.0 | 4.0 | 4.0 | 5.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 6.0 | 8.0 | 11.0 | 13.0 | 14.0 | 14.0 | 12.0 | 10.0 | 9.0 | 9.0 | 7.0 | 7.0 | 6.0 | 7.6 | 14.0 |
| 20 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 6.0 | 8.0 | 10.0 | 11.0 | 13.0 | 15.0 | 16.0 | 17.0 | 15.0 | 13.0 | 11.0 | 9.0 | 8.0 | 7.0 | 7.0 | 6.0 | 8.8 | 17.0 |
| 21 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 6.0 | 8.0 | 11.0 | 13.0 | 14.0 | 16.0 | 16.0 | 16.0 | 16.0 | 14.0 | 13.0 | 11.0 | 10.0 | 9.0 | 7.0 | 7.0 | 9.4 | 16.0 |
| 22 | 7.0 | 6.0 | 5.0 | 5.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 8.0 | 10.0 | 12.0 | 12.0 | 10.0 | 8.0 | 8.0 | 7.0 | 6.0 | 6.0 | 7.0 | 7.3 | 12.0 |
| 23 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 7.0 | 8.0 | 9.0 | 11.0 | 13.0 | 13.0 | 13.0 | 12.0 | 11.0 | 10.0 | 8.0 | 8.0 | 8.0 | 7.0 | 8.4 | 13.0 |
| 24 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 8.0 | 10.0 | 13.0 | 15.0 | 16.0 | 16.0 | 15.0 | 14.0 | 12.0 | 11.0 | 11.0 | 12.0 | 13.0 | 13.0 | 9.7 | 16.0 |
| 25 | 13.0 | 12.0 | 10.0 | 9.0 | 10.0 | 11.0 | 11.0 | 8.0 | 9.0 | 14.0 | 16.0 | 17.0 | 17.0 | 18.0 | 18.0 | 16.0 | 15.0 | 14.0 | 13.0 | 13.0 | 12.0 | 12.0 | | 12.0 | 13.0 | 18.0 |
| 26 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 16.0 | 15.0 | 13.0 | 12.0 | 11.0 | 10.0 | 10.0 | 9.0 | 9.0 | 12.3 | 16.0 |
| 27 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 10.0 | 11.0 | 12.0 | 13.0 | 13.0 | 13.0 | 14.0 | 13.0 | 12.0 | 12.0 | 11.0 | 10.0 | 10.0 | 10.0 | 11.0 | 10.4 | 14.0 |
| 28 | 10.0 | 11.0 | 10.0 | 10.0 | 10.0 | 9.0 | 9.0 | 9.0 | 10.0 | 13.0 | | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 9.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 10.0 | 13.0 |
| 29 | 7.0 | 7.0 | 7.0 | 8.0 | 7.0 | 7.0 | 7.0 | | 8.0 | 9.0 | 10.0 | 11.0 | 12.0 | 12.0 | 12.0 | 13.0 | 12.0 | 12.0 | 10.0 | 9.0 | 8.0 | 8.0 | 7.0 | 5.0 | 9.0 | 13.0 |
| 30 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 7.0 | 10.0 | 11.0 | 13.0 | 14.0 | 15.0 | 16.0 | 15.0 | 14.0 | | 10.0 | 8.0 | 7.0 | 7.0 | 6.0 | 8.2 | 16.0 |
| 31 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 5.0 | 7.0 | 10.0 | 12.0 | 13.0 | 15.0 | 15.0 | 16.0 | 16.0 | 15.0 | 13.0 | 10.0 | 10.0 | 10.0 | 8.0 | 7.0 | 9.0 | 16.0 |
| Ave | 6.6 | 6.3 | 6.1 | 6.0 | 6.0 | 5.9 | 5.8 | 5.6 | 6.4 | 7.6 | 8.7 | 10.0 | 11.1 | 12.1 | 12.5 | 12.7 | 12.2 | 11.1 | 9.9 | 9.1 | 8.3 | 7.9 | 7.2 | 7.1 | | |
| Max | 13.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 14.0 | 16.0 | 17.0 | 17.0 | 18.0 | 18.0 | 17.0 | 16.0 | 15.0 | 13.0 | 13.0 | 12.0 | 12.0 | 13.0 | 13.0 | | |

Hours with missing data due to performance of quality control checks
(Calibrations, Zero/Span/Precision Checks, etc.)

PCR Services

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Relative Humidity (RH) Units: Percent (%) Month: January Year 2005

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 96 | 97 | 97 | 97 | 97 | 98 | 97 | 97 | 97 | 92 | 81 | 73 | 75 | 63 | 61 | 65 | 67 | 75 | 81 | 85 | 89 | 89 | 92 | 95 | 86 | 98 |
| 2 | 93 | 94 | 95 | 94 | 94 | 94 | 91 | 91 | 89 | 87 | 91 | 89 | 85 | 83 | 88 | 92 | 92 | 95 | 95 | 93 | 89 | 94 | 96 | 97 | 92 | 97 |
| 3 | 96 | 96 | 97 | 95 | 96 | 97 | 97 | 98 | 97 | 93 | 90 | 86 | 81 | 77 | 75 | 76 | 80 | 84 | 89 | 92 | 89 | 91 | 92 | 92 | 90 | 98 |
| 4 | 92 | 92 | 91 | 90 | 91 | 92 | 91 | 92 | 90 | 91 | 87 | 84 | 82 | 83 | 84 | 85 | 86 | 86 | 88 | 89 | 92 | 94 | 95 | 95 | 89 | 95 |
| 5 | 94 | 93 | 92 | 95 | 95 | 95 | 92 | 92 | 88 | 84 | 76 | 71 | 71 | 70 | 68 | 67 | 71 | 78 | 80 | 83 | 86 | 89 | 93 | 95 | 84 | 95 |
| 6 | 96 | 96 | 96 | 97 | 98 | 98 | 98 | 97 | 98 | 96 | 94 | 85 | 74 | 65 | 55 | 53 | 64 | 73 | 76 | 79 | 84 | 85 | 84 | 83 | 84 | 98 |
| 7 | 77 | 78 | 91 | 90 | 90 | 88 | 88 | 84 | 82 | 89 | 91 | 94 | 92 | 85 | 77 | | 76 | 77 | 79 | 76 | 75 | 82 | 88 | 92 | 84 | 94 |
| 8 | 90 | | 89 | 93 | 93 | 93 | 96 | | 96 | 95 | 92 | 88 | 81 | 81 | 81 | 90 | 89 | 87 | 73 | 71 | 79 | 87 | 88 | 88 | 87 | 96 |
| 9 | 91 | 93 | 94 | 96 | 94 | 92 | 93 | 96 | 97 | 98 | 97 | 91 | 87 | 81 | 78 | 81 | 81 | 84 | 86 | 90 | 93 | 93 | 94 | 95 | 91 | 98 |
| 10 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 96 | 95 | 93 | 89 | 85 | 79 | 74 | 73 | 75 | 74 | 79 | 92 | 89 | | 89 | 85 | 84 | 88 | 97 |
| 11 | 77 | 78 | 86 | 94 | 92 | 92 | 92 | 94 | | 91 | 91 | 79 | 70 | 68 | 64 | 63 | 66 | 71 | 78 | 82 | 84 | 87 | 92 | 96 | 82 | 96 |
| 12 | 97 | 97 | 97 | 98 | 98 | 98 | 95 | 96 | 92 | 87 | 82 | 76 | 66 | 59 | 55 | 51 | 55 | 70 | 79 | 86 | 88 | 93 | 95 | 95 | 84 | 98 |
| 13 | 94 | 95 | 95 | 96 | 95 | 95 | 94 | 92 | 91 | 90 | 87 | 87 | 85 | 81 | 75 | 73 | 73 | 79 | 84 | 87 | 92 | 95 | 97 | 97 | 89 | 97 |
| 14 | 97 | 98 | 99 | 100 | 101 | 101 | 101 | 101 | 98 | 93 | 85 | 80 | 72 | 67 | 63 | 60 | 66 | 73 | 80 | 86 | 90 | 92 | 93 | 95 | 87 | 101 |
| 15 | 96 | 96 | 97 | 98 | 98 | 98 | 99 | 99 | 95 | 84 | 77 | 71 | 66 | 64 | 61 | 62 | 63 | 68 | 74 | 75 | 82 | 85 | 87 | 89 | 83 | 99 |
| 16 | 93 | 95 | 96 | 96 | 94 | 94 | 94 | 94 | 91 | 87 | 73 | 70 | 66 | 57 | 54 | 58 | | 64 | 75 | 82 | 83 | 84 | 88 | 86 | 81 | 96 |
| 17 | 91 | 94 | 95 | 95 | 95 | 96 | 96 | 97 | 99 | 100 | 97 | 79 | 73 | 65 | 66 | 65 | 66 | 72 | 78 | 87 | 90 | 92 | 94 | 94 | 87 | 100 |
| 18 | 96 | 95 | 98 | 98 | 99 | 99 | 99 | 100 | 99 | 98 | 95 | 86 | 76 | 69 | 65 | 64 | 65 | 71 | 78 | 84 | 89 | 93 | 95 | 95 | 88 | 100 |
| 19 | 96 | 97 | 97 | 97 | 96 | 99 | 100 | 100 | 100 | 99 | 97 | 95 | 87 | 77 | 68 | 64 | 64 | 73 | 83 | 87 | 88 | 92 | 93 | 95 | 89 | 100 |
| 20 | 96 | 97 | 98 | 98 | 98 | 97 | 98 | 99 | 96 | 87 | 76 | 74 | 67 | 63 | 59 | 57 | 61 | 72 | 79 | 86 | 90 | 91 | 93 | 95 | 84 | 99 |
| 21 | 96 | 97 | 97 | 98 | 98 | 97 | 97 | 98 | 94 | 86 | 78 | 69 | 63 | 57 | 54 | 56 | 58 | 65 | 70 | 77 | 81 | 87 | 92 | 93 | 82 | 98 |
| 22 | 93 | 96 | 97 | 98 | 100 | 100 | 101 | 101 | 101 | 101 | 101 | 100 | 99 | 94 | 86 | 78 | 77 | 85 | 90 | 92 | 95 | 96 | 97 | 97 | 95 | 101 |
| 23 | 96 | 98 | 98 | 99 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 96 | 89 | 82 | 75 | 71 | 70 | 76 | 81 | 86 | 91 | 92 | 93 | 94 | 91 | 100 |
| 24 | 96 | 98 | 98 | 98 | 99 | 97 | 98 | 100 | 100 | 99 | 95 | 87 | 75 | 70 | 66 | 65 | 68 | 72 | 79 | 84 | 85 | 81 | 81 | 79 | 86 | 100 |
| 25 | 79 | 80 | 91 | 91 | 87 | 84 | 84 | 94 | 89 | 75 | 67 | 62 | 60 | 59 | 59 | 71 | 77 | 89 | 91 | 94 | 96 | 96 | | 94 | 82 | 96 |
| 26 | 93 | 91 | 92 | 93 | 94 | 91 | 94 | 93 | 95 | 96 | 95 | 93 | 86 | 76 | 60 | 61 | 66 | 72 | 83 | 89 | 91 | 91 | 92 | 94 | 87 | 96 |
| 27 | 95 | 93 | 96 | 96 | 95 | 97 | 97 | 97 | 95 | 87 | 81 | 76 | 71 | 70 | 69 | 66 | 70 | 74 | 81 | 84 | 87 | 85 | 90 | 86 | 85 | 97 |
| 28 | 89 | 92 | 95 | 96 | 95 | 97 | 98 | 98 | 94 | 74 | | 74 | 72 | 74 | 66 | 63 | 64 | 70 | 84 | 90 | 91 | 94 | 96 | 96 | 85 | 98 |
| 29 | 96 | 96 | 95 | 91 | 91 | 92 | 94 | | 91 | 86 | 78 | 62 | 52 | 50 | 51 | 54 | 57 | 58 | 70 | 75 | 78 | 81 | 89 | 93 | 77 | 96 |
| 30 | 95 | 94 | 96 | 96 | 95 | 95 | 96 | 96 | 90 | 85 | 72 | 60 | 53 | 44 | 42 | 38 | 40 | 49 | | 65 | 76 | 81 | 82 | 83 | 74 | 96 |
| 31 | 82 | 88 | 88 | 89 | 89 | 89 | 92 | 91 | 84 | 79 | 71 | 64 | 58 | 54 | 53 | 48 | 47 | 54 | 62 | 73 | 73 | 70 | 81 | 86 | 74 | 92 |
| Ave | 92.4 | 93.3 | 94.8 | 95.4 | 95.3 | 95.2 | 95.5 | 96.0 | 94.1 | 90.4 | 86.2 | 80.2 | 74.6 | 69.7 | 66.2 | 65.7 | 68.4 | 74.0 | 80.6 | 83.8 | 86.5 | 88.7 | 90.9 | 91.9 | | |
| Max | 97.0 | 98.0 | 99.0 | 100. | 101. | 101. | 101. | 101. | 101. | 101. | 101. | 100. | 99.0 | 94.0 | 88.0 | 92.0 | 92.0 | 95.0 | 95.0 | 94.0 | 96.0 | 96.0 | 97.0 | 97.0 | | |

Hours with missing data due to performance of quality control checks
(Calibrations, Zero/Span/Precision Checks, etc.)

PCR Services

Data Report - Level 1.0

Project Calpines Initial Study Site Name: Park

Parameter Station Temperature Units: degrees Celcius Month: Janua Year 2005

| Day | 00:00 | 01:00 | 02:00 | 03:0 | 04:0 | 05:0 | 06:0 | 07:0 | 08:0 | 09:0 | 10:0 | 11:0 | 12:0 | 13:0 | 14:0 | 15:0 | 16:0 | 17:0 | 18:0 | 19:0 | 20:0 | 21:0 | 22:0 | 23:0 | Ave | Max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.2 | 24.0 |
| 2 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 3 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 25.0 | 26.0 | 26.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 23.0 | 22.0 | 22.0 | 22.0 | 22.0 | 23.5 | 26.0 |
| 4 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 |
| 5 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 23.0 | 25.0 | 25.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 22.7 | 25.0 |
| 6 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.5 | 25.0 |
| 7 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 8 | 23.0 | | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 9 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 10 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | | 23.0 | 23.0 | 23.0 | 23.3 | 24.0 |
| 11 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 12 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 24.0 | 25.0 | 25.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.4 | 25.0 |
| 13 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.1 | 24.0 |
| 14 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 15 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.1 | 24.0 |
| 16 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | | 25.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.3 | 25.0 |
| 17 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.5 | 25.0 |
| 18 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 26.0 | 27.0 | 26.0 | 26.0 | 25.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.8 | 27.0 |
| 19 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.2 | 24.0 |
| 20 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 25.0 | 26.0 | 27.0 | 28.0 | 27.0 | 27.0 | 26.0 | 26.0 | 25.0 | 24.0 | 23.0 | 23.0 | 24.3 | 28.0 |
| 21 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 25.0 | 26.0 | 26.0 | 27.0 | 27.0 | 27.0 | 26.0 | 25.0 | 25.0 | 24.0 | 23.0 | 24.3 | 27.0 |
| 22 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| 23 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.1 | 24.0 |
| 24 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 25.0 | 25.0 | 26.0 | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 26.0 |
| 25 | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 25.0 | 26.0 | 27.0 | 28.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | | 28.0 | 26.0 | 29.0 |
| 26 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 28.0 | 28.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 28.0 | 28.0 | 28.0 | 27.0 | 27.9 | 29.0 |
| 27 | 26.0 | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 25.0 | 27.0 | 29.0 | 30.0 | 29.0 | 25.0 | 23.0 | 23.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 24.9 | 30.0 |
| 28 | 22.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 22.0 | | 24.0 | 27.0 | 29.0 | 29.0 | 26.0 | 25.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 24.0 | 29.0 |
| 29 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 22.0 | 22.0 | | 22.0 | 22.0 | 22.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 | 23.1 | 24.0 |
| 30 | 22.0 | 22.0 | 22.0 | 21.0 | 21.0 | 20.0 | 20.0 | 19.0 | 19.0 | 19.0 | 20.0 | 22.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 | 22.0 | 24.0 |
| 31 | 22.0 | 22.0 | 22.0 | 22.0 | 21.0 | 21.0 | 20.0 | 20.0 | 19.0 | 20.0 | 20.0 | 22.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 22.2 | 24.0 |
| Ave | 23.1 | 23.2 | 23.2 | 23.1 | 23.0 | 23.0 | 22.9 | 22.9 | 22.8 | 22.8 | 22.9 | 23.3 | 23.7 | 24.1 | 24.4 | 24.6 | 24.5 | 24.3 | 24.2 | 24.0 | 23.7 | 23.5 | 23.2 | 23.3 | | |
| Max | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 29.0 | 30.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 28.0 | 28.0 | | |

Hours with missing data due to performance of quality control checks
(Calibrations, Zero/Span/Precision Checks, etc.)

**Table 1**

**$PM_{10}$ SAMPLER DATA**
**METCALF ENERGY CENTER INITIAL AIR QUALITY STUDY**

| Run Date | Filter ID | Sampler ID | Technician | Run Type | Flow Rate ($m^3$/min) | PM10 Concentration ($\mu g/m^3$) | Notes |
|---|---|---|---|---|---|---|---|
| 1/16/05 | Q1223 | 1 | JK | 24-Hour | 1.11 | 11.42 | |
| 1/22/05 | Q1224 | 1 | JK | 24-Hour | 1.13 | 13.45 | |
| 1/22/05 | Q1225 | 2 | JK | Blank | - | - | |
| 1/28/05 | Q1226 | 1 | JK | 24-Hour | 1.12 | 44.80 | |
| 1/28/05 | Q1227 | 2 | JK | Collocated | 1.11 | 37.14 | |

*Source: PCR Services Corporation.*

**Table 1**

**$PM_{10}$ SAMPLER DATA**
**METCALF ENERGY CENTER INITIAL AIR QUALITY STUDY**

| Run Date | Filter ID | Sampler ID | Technician | Run Type | Flow Rate ($m^3$/min) | PM10 Concentration ($\mu g/m^3$) | Notes |
|---|---|---|---|---|---|---|---|
| 12/23/04 | Q1231 | 1 | JK | 24-Hour | 1.07 | 21.3 | |
| 12/23/04 | Q1232 | 2 | JK | Collocated | 1.11 | 13.3 | Collocated |
| 12/29/04 | Q1230 | 1 | JK | 24-Hour | 0.99 | 7.31 | |
| 01/04/05 | Q1229 | 1 | JK | 24-Hour | 0.92 | 16.05 | |
| 01/10/05 | Q1228 | 1 | JK | 24-Hour | 1.02 | 10.02 | |

*Source: PCR Services Corporation.*