# PM10 Particulate Data

# Location: Barker Lane

| | | | | |
|---|---|---|---|---|
| Instrument ID: D687 | Total D*CONC[1] | 184504.5 | | Latitude: 39.2589 |
| Tag: 1 | Total Time (mins) | 4:40:20 | | Longitude: -81.5316 |
| Log Interval: 5 sec | Total Time (sec) | 16820 | | |
| Log Interval Displayed: 1 min | D*CONC/Total D | 10.96935196 | TWA over 4 hours 40 min 20 sec | |
| Date: 10/22/17 & 10/23/17 | Maximum | 225.9743 | | |
| | Maximum Date | 23-Oct-17 | | |
| | Maximum Time | 2:12:53 | | |

| Record | Temp | RHumidity | Diameter | Time | Date | (MASS )ug/m3 |
|---|---|---|---|---|---|---|
| 12 | 17.8 | 55 | 0.4583 | 21:41:43 | 22-Oct-17 | 13.6 |
| 24 | 17.8 | 57 | 0.4331 | 21:42:43 | 22-Oct-17 | 15.8 |
| 36 | 17.8 | 59 | 0.4463 | 21:43:43 | 22-Oct-17 | 16.9 |
| 48 | 17.8 | 60 | 0.4013 | 21:44:43 | 22-Oct-17 | 14.6 |
| 60 | 17.7 | 61 | 0.4139 | 21:45:43 | 22-Oct-17 | 15.4 |
| 72 | 17.7 | 62 | 0.408 | 21:46:43 | 22-Oct-17 | 14.6 |
| 84 | 17.7 | 62 | 0.3564 | 21:47:43 | 22-Oct-17 | 14.2 |
| 96 | 17.6 | 63 | 0.4116 | 21:48:43 | 22-Oct-17 | 15.1 |
| 108 | 17.5 | 63 | 0.3815 | 21:49:43 | 22-Oct-17 | 14.5 |
| 120 | 17.5 | 63 | 0.379 | 21:50:43 | 22-Oct-17 | 13.4 |
| 132 | 17.5 | 64 | 0.3847 | 21:51:43 | 22-Oct-17 | 16.2 |
| 144 | 17.4 | 64 | 0.3516 | 21:52:43 | 22-Oct-17 | 14.1 |
| 156 | 17.3 | 65 | 0.4383 | 21:53:43 | 22-Oct-17 | 17.2 |
| 168 | 17.2 | 65 | 0.3888 | 21:54:43 | 22-Oct-17 | 16.5 |
| 180 | 17.2 | 65 | 0.3842 | 21:55:43 | 22-Oct-17 | 17 |
| 192 | 17.1 | 65 | 0.4072 | 21:56:43 | 22-Oct-17 | 18.2 |
| 204 | 17.1 | 66 | 0.4051 | 21:57:43 | 22-Oct-17 | 18 |
| 216 | 17 | 66 | 0.3497 | 21:58:43 | 22-Oct-17 | 16.9 |
| 228 | 17 | 66 | 0.3825 | 21:59:43 | 22-Oct-17 | 17.4 |
| 240 | 16.8 | 67 | 0.4628 | 22:00:43 | 22-Oct-17 | 18.3 |
| 252 | 16.8 | 67 | 0.376 | 22:01:43 | 22-Oct-17 | 17.1 |
| 264 | 16.7 | 67 | 0.3523 | 22:02:43 | 22-Oct-17 | 15.8 |
| 276 | 16.7 | 68 | 0.3697 | 22:03:43 | 22-Oct-17 | 17.4 |
| 288 | 16.7 | 68 | 0.4086 | 22:04:43 | 22-Oct-17 | 18 |
| 300 | 16.6 | 68 | 0.3815 | 22:05:43 | 22-Oct-17 | 19 |
| 312 | 16.6 | 68 | 0.3391 | 22:06:43 | 22-Oct-17 | 16.8 |
| 324 | 16.6 | 69 | 0.3829 | 22:07:43 | 22-Oct-17 | 17.6 |
| 336 | 16.5 | 69 | 0.3614 | 22:08:43 | 22-Oct-17 | 16.7 |
| 348 | 16.5 | 69 | 0.393 | 22:09:43 | 22-Oct-17 | 18.1 |
| 360 | 16.4 | 69 | 0.4068 | 22:10:43 | 22-Oct-17 | 19.3 |
| 372 | 16.3 | 70 | 0.3332 | 22:11:43 | 22-Oct-17 | 17.8 |
| 384 | 16.3 | 70 | 0.3428 | 22:12:43 | 22-Oct-17 | 17.3 |
| 396 | 16.2 | 70 | 0.3054 | 22:13:43 | 22-Oct-17 | 18.8 |
| 408 | 16.2 | 70 | 0.3553 | 22:14:43 | 22-Oct-17 | 17 |
| 420 | 16.2 | 70 | 0.3783 | 22:15:43 | 22-Oct-17 | 17.2 |
| 432 | 16.1 | 71 | 0.3708 | 22:16:43 | 22-Oct-17 | 16.1 |
| 444 | 16 | 71 | 0.3404 | 22:17:43 | 22-Oct-17 | 16.2 |
| 456 | 16.1 | 71 | 0.3481 | 22:18:43 | 22-Oct-17 | 16 |
| 468 | 16 | 71 | 0.3629 | 22:19:43 | 22-Oct-17 | 16.2 |
| 480 | 15.9 | 71 | 0.3856 | 22:20:43 | 22-Oct-17 | 18 |
| 492 | 16 | 71 | 0.3802 | 22:21:43 | 22-Oct-17 | 16.9 |
| 504 | 15.8 | 71 | 0.3883 | 22:22:43 | 22-Oct-17 | 17.2 |
| 516 | 15.8 | 72 | 0.3526 | 22:23:43 | 22-Oct-17 | 16.9 |
| 528 | 15.8 | 72 | 0.3961 | 22:24:43 | 22-Oct-17 | 18 |
| 540 | 15.8 | 72 | 0.3714 | 22:25:43 | 22-Oct-17 | 17.5 |
| 552 | 15.7 | 72 | 0.363 | 22:26:43 | 22-Oct-17 | 16.7 |
| 564 | 15.7 | 72 | 0.369 | 22:27:43 | 22-Oct-17 | 15.9 |
| 576 | 15.7 | 72 | 0.3611 | 22:28:43 | 22-Oct-17 | 18.2 |
| 588 | 15.7 | 73 | 0.432 | 22:29:43 | 22-Oct-17 | 17.4 |
| 600 | 15.6 | 73 | 0.4125 | 22:30:43 | 22-Oct-17 | 17.3 |
| 612 | 15.6 | 73 | 0.4424 | 22:31:43 | 22-Oct-17 | 16.4 |
| 624 | 15.5 | 73 | 0.3637 | 22:32:43 | 22-Oct-17 | 15 |
| 636 | 15.5 | 73 | 0.3215 | 22:33:43 | 22-Oct-17 | 14.2 |

(1) Calculations based on 5-sec logging interval.

# PM10 Particulate Data

# Location: Barker Lane

| | | | | |
|---|---|---|---|---|
| Instrument ID: D687 | Total D*CONC[1] | 184504.5 | | Latitude: 39.2589 |
| Tag: 1 | Total Time (mins) | 4:40:20 | | Longitude: -81.5316 |
| Log Interval: 5 sec | Total Time (sec) | 16820 | | |
| Log Interval Displayed: 1 min | D*CONC/Total D | 10.96935196 | TWA over 4 hours 40 min 20 sec | |
| Date: 10/22/17 & 10/23/17 | Maximum | 225.9743 | | |
| | Maximum Date | 23-Oct-17 | | |
| | Maximum Time | 2:12:53 | | |

| Record | Temp | RHumidity | Diameter | Time | Date | (MASS )ug/m3 |
|---|---|---|---|---|---|---|
| 648 | 15.5 | 73 | 0.3624 | 22:34:43 | 22-Oct-17 | 16.5 |
| 660 | 15.5 | 73 | 0.3438 | 22:35:43 | 22-Oct-17 | 16.5 |
| 672 | 15.5 | 73 | 0.4067 | 22:36:43 | 22-Oct-17 | 16.3 |
| 684 | 15.5 | 73 | 0.371 | 22:37:43 | 22-Oct-17 | 17.1 |
| 696 | 15.4 | 73 | 0.4005 | 22:38:43 | 22-Oct-17 | 17.5 |
| 708 | 15.5 | 73 | 0.4537 | 22:39:43 | 22-Oct-17 | 16.3 |
| 720 | 15.3 | 74 | 0.4229 | 22:40:43 | 22-Oct-17 | 15.7 |
| 732 | 15.3 | 74 | 0.5797 | 22:41:43 | 22-Oct-17 | 24.1 |
| 744 | 15.3 | 74 | 0.476 | 22:42:43 | 22-Oct-17 | 17.7 |
| 756 | 15.3 | 74 | 0.4137 | 22:43:43 | 22-Oct-17 | 17.8 |
| 768 | 15.3 | 74 | 0.3223 | 22:44:43 | 22-Oct-17 | 14 |
| 780 | 15.2 | 74 | 0.3968 | 22:45:43 | 22-Oct-17 | 15.8 |
| 792 | 15.3 | 74 | 0.4011 | 22:46:43 | 22-Oct-17 | 14.4 |
| 804 | 15.2 | 74 | 0.3342 | 22:47:43 | 22-Oct-17 | 12.6 |
| 816 | 15.2 | 74 | 0.332 | 22:48:43 | 22-Oct-17 | 15.1 |
| 828 | 15.2 | 74 | 0.3391 | 22:49:43 | 22-Oct-17 | 12.1 |
| 840 | 15.2 | 74 | 0.3637 | 22:50:43 | 22-Oct-17 | 12.7 |
| 852 | 15.2 | 74 | 0.3639 | 22:51:43 | 22-Oct-17 | 13.1 |
| 864 | 15.1 | 74 | 0.3508 | 22:52:43 | 22-Oct-17 | 13.6 |
| 876 | 15.2 | 74 | 0.3327 | 22:53:43 | 22-Oct-17 | 13.3 |
| 888 | 15.1 | 74 | 0.3357 | 22:54:43 | 22-Oct-17 | 13.7 |
| 900 | 15.1 | 74 | 0.3443 | 22:55:43 | 22-Oct-17 | 12.2 |
| 912 | 15.1 | 74 | 0.3062 | 22:56:43 | 22-Oct-17 | 13.4 |
| 924 | 15.1 | 75 | 0.3877 | 22:57:43 | 22-Oct-17 | 12.1 |
| 936 | 15.1 | 74 | 0.3548 | 22:58:43 | 22-Oct-17 | 13.5 |
| 948 | 15.1 | 74 | 0.3524 | 22:59:43 | 22-Oct-17 | 11.4 |
| 960 | 15.1 | 74 | 0.3207 | 23:00:43 | 22-Oct-17 | 10.7 |
| 972 | 15.1 | 74 | 0.3521 | 23:01:43 | 22-Oct-17 | 12.8 |
| 984 | 15.1 | 75 | 0.4265 | 23:02:43 | 22-Oct-17 | 11.9 |
| 996 | 15.1 | 74 | 0.3047 | 23:03:43 | 22-Oct-17 | 11.2 |
| 1008 | 15.1 | 74 | 0.3265 | 23:04:43 | 22-Oct-17 | 12.8 |
| 1020 | 15.1 | 74 | 0.3156 | 23:05:43 | 22-Oct-17 | 10.9 |
| 1032 | 15.1 | 74 | 0.3554 | 23:06:43 | 22-Oct-17 | 11.3 |
| 1044 | 15.1 | 75 | 0.307 | 23:07:43 | 22-Oct-17 | 11.4 |
| 1056 | 15.1 | 74 | 0.4161 | 23:08:43 | 22-Oct-17 | 13.9 |
| 1068 | 15.1 | 75 | 0.3439 | 23:09:43 | 22-Oct-17 | 12.7 |
| 1080 | 15.1 | 74 | 0.3861 | 23:10:43 | 22-Oct-17 | 15.8 |
| 1092 | 15.1 | 74 | 0.3924 | 23:11:43 | 22-Oct-17 | 10.3 |
| 1104 | 15.1 | 74 | 0.432 | 23:12:43 | 22-Oct-17 | 12 |
| 1116 | 15.1 | 74 | 0.428 | 23:13:43 | 22-Oct-17 | 11.4 |
| 1128 | 15.1 | 74 | 0.4742 | 23:14:43 | 22-Oct-17 | 11.2 |
| 1140 | 15.1 | 74 | 0.3172 | 23:15:43 | 22-Oct-17 | 11.2 |
| 1152 | 15.1 | 74 | 0.4198 | 23:16:43 | 22-Oct-17 | 11.8 |
| 1164 | 15.1 | 75 | 0.382 | 23:17:43 | 22-Oct-17 | 11.7 |
| 1176 | 15.1 | 75 | 0.3295 | 23:18:43 | 22-Oct-17 | 10 |
| 1188 | 15.1 | 74 | 0.4424 | 23:19:43 | 22-Oct-17 | 12.1 |
| 1200 | 15.1 | 75 | 0.3303 | 23:20:43 | 22-Oct-17 | 10.5 |
| 1212 | 15.1 | 74 | 0.3466 | 23:21:43 | 22-Oct-17 | 11.2 |
| 1224 | 15.1 | 75 | 0.4667 | 23:22:43 | 22-Oct-17 | 10.5 |
| 1236 | 15.1 | 75 | 0.3132 | 23:23:43 | 22-Oct-17 | 10.4 |
| 1248 | 15.1 | 75 | 0.3977 | 23:24:43 | 22-Oct-17 | 11.7 |
| 1260 | 15.1 | 74 | 0.4346 | 23:25:43 | 22-Oct-17 | 12.7 |
| 1272 | 15.1 | 74 | 0.3738 | 23:26:43 | 22-Oct-17 | 11.1 |

(1) Calculations based on 5-sec logging interval.

# PM10 Particulate Data

# Location: Barker Lane

| | | | | |
|---|---|---|---|---|
| Instrument ID: D687 | Total D*CONC[1] | 184504.5 | | Latitude: 39.2589 |
| Tag: 1 | Total Time (mins) | 4:40:20 | | Longitude: -81.5316 |
| Log Interval: 5 sec | Total Time (sec) | 16820 | | |
| Log Interval Displayed: 1 min | D*CONC/Total D | 10.96935196 | TWA over 4 hours 40 min 20 sec | |
| Date: 10/22/17 & 10/23/17 | Maximum | 225.9743 | | |
| | Maximum Date | 23-Oct-17 | | |
| | Maximum Time | 2:12:53 | | |

| Record | Temp | RHumidity | Diameter | Time | Date | (MASS )ug/m3 |
|---|---|---|---|---|---|---|
| 1284 | 15.1 | 74 | 0.3645 | 23:27:43 | 22-Oct-17 | 11.7 |
| 1296 | 15.1 | 74 | 0.3221 | 23:28:43 | 22-Oct-17 | 11.2 |
| 1308 | 15.1 | 74 | 0.4002 | 23:29:43 | 22-Oct-17 | 11.6 |
| 1320 | 15.1 | 74 | 0.3928 | 23:30:43 | 22-Oct-17 | 10.8 |
| 1332 | 15.1 | 74 | 0.2987 | 23:31:43 | 22-Oct-17 | 9.7 |
| 1344 | 15.1 | 74 | 0.2756 | 23:32:43 | 22-Oct-17 | 10.4 |
| 1356 | 15.1 | 74 | 0.3427 | 23:33:43 | 22-Oct-17 | 11.8 |
| 1368 | 15.1 | 74 | 0.3462 | 23:34:43 | 22-Oct-17 | 9.3 |
| 1380 | 15.1 | 74 | 0.2936 | 23:35:43 | 22-Oct-17 | 12.1 |
| 1392 | 15.1 | 74 | 0.3516 | 23:36:43 | 22-Oct-17 | 10.2 |
| 1404 | 15.1 | 74 | 0.372 | 23:37:43 | 22-Oct-17 | 10 |
| 1416 | 15.1 | 74 | 0.3912 | 23:38:43 | 22-Oct-17 | 10 |
| 1428 | 15.1 | 74 | 0.3458 | 23:39:43 | 22-Oct-17 | 8.8 |
| 1440 | 15.1 | 74 | 0.2931 | 23:40:43 | 22-Oct-17 | 8.6 |
| 1452 | 15.1 | 74 | 0.3606 | 23:41:43 | 22-Oct-17 | 9.2 |
| 1464 | 15.1 | 73 | 0.3719 | 23:42:43 | 22-Oct-17 | 10.3 |
| 1476 | 15.2 | 73 | 0.3654 | 23:43:43 | 22-Oct-17 | 10.3 |
| 1488 | 15.2 | 74 | 0.2888 | 23:44:43 | 22-Oct-17 | 8.7 |
| 1500 | 15.1 | 73 | 0.3226 | 23:45:43 | 22-Oct-17 | 9.8 |
| 1512 | 15.2 | 73 | 0.3101 | 23:46:43 | 22-Oct-17 | 9.8 |
| 1524 | 15.2 | 73 | 0.3717 | 23:47:43 | 22-Oct-17 | 8.2 |
| 1536 | 15.2 | 73 | 0.3227 | 23:48:43 | 22-Oct-17 | 8.1 |
| 1548 | 15.2 | 73 | 0.3107 | 23:49:43 | 22-Oct-17 | 9.2 |
| 1560 | 15.1 | 73 | 0.4098 | 23:50:43 | 22-Oct-17 | 10.5 |
| 1572 | 15.2 | 73 | 0.3581 | 23:51:43 | 22-Oct-17 | 8.1 |
| 1584 | 15.2 | 73 | 0.2969 | 23:52:43 | 22-Oct-17 | 8.6 |
| 1596 | 15.1 | 73 | 0.4535 | 23:53:43 | 22-Oct-17 | 9.7 |
| 1608 | 15.2 | 73 | 0.3294 | 23:54:43 | 22-Oct-17 | 9.2 |
| 1620 | 15.2 | 73 | 0.3073 | 23:55:43 | 22-Oct-17 | 8 |
| 1632 | 15.2 | 73 | 0.3033 | 23:56:43 | 22-Oct-17 | 11.4 |
| 1644 | 15.2 | 73 | 0.3483 | 23:57:43 | 22-Oct-17 | 9 |
| 1656 | 15.2 | 72 | 0.3234 | 23:58:43 | 22-Oct-17 | 8 |
| 1668 | 15.3 | 73 | 0.3413 | 23:59:43 | 22-Oct-17 | 9.8 |
| 1680 | 15.3 | 73 | 0.3368 | 0:00:43 | 23-Oct-17 | 9.5 |
| 1692 | 15.3 | 73 | 0.3252 | 0:01:43 | 23-Oct-17 | 8.6 |
| 1704 | 15.3 | 72 | 0.3223 | 0:02:43 | 23-Oct-17 | 8.8 |
| 1716 | 15.3 | 72 | 0.3723 | 0:03:43 | 23-Oct-17 | 8.2 |
| 1728 | 15.4 | 72 | 0.3138 | 0:04:43 | 23-Oct-17 | 8.8 |
| 1740 | 15.3 | 72 | 0.3371 | 0:05:43 | 23-Oct-17 | 7.5 |
| 1752 | 15.4 | 72 | 0.3363 | 0:06:43 | 23-Oct-17 | 8.6 |
| 1764 | 15.4 | 72 | 0.3605 | 0:07:43 | 23-Oct-17 | 8.9 |
| 1776 | 15.4 | 72 | 0.3941 | 0:08:43 | 23-Oct-17 | 9 |
| 1788 | 15.5 | 72 | 0.3411 | 0:09:43 | 23-Oct-17 | 7.1 |
| 1800 | 15.5 | 72 | 0.4011 | 0:10:43 | 23-Oct-17 | 9.7 |
| 1812 | 15.5 | 72 | 0.3552 | 0:11:43 | 23-Oct-17 | 7.7 |
| 1824 | 15.5 | 72 | 0.2805 | 0:12:43 | 23-Oct-17 | 7.2 |
| 1836 | 15.5 | 72 | 0.2997 | 0:13:43 | 23-Oct-17 | 8.8 |
| 1848 | 15.6 | 71 | 0.3126 | 0:14:43 | 23-Oct-17 | 8.6 |
| 1860 | 15.6 | 71 | 0.3736 | 0:15:43 | 23-Oct-17 | 7.6 |
| 1872 | 15.6 | 71 | 0.3086 | 0:16:43 | 23-Oct-17 | 9.5 |
| 1884 | 15.6 | 71 | 0.4108 | 0:17:43 | 23-Oct-17 | 9.1 |
| 1896 | 15.6 | 71 | 0.4187 | 0:18:43 | 23-Oct-17 | 9.5 |
| 1908 | 15.6 | 71 | 0.3386 | 0:19:43 | 23-Oct-17 | 8.1 |

(1) Calculations based on 5-sec logging interval.

# PM10 Particulate Data

# Location: Barker Lane

| | | | | |
|---|---|---|---|---|
| Instrument ID: D687 | Total D*CONC[1] | 184504.5 | | Latitude: 39.2589 |
| Tag: 1 | Total Time (mins) | 4:40:20 | | Longitude: -81.5316 |
| Log Interval: 5 sec | Total Time (sec) | 16820 | | |
| Log Interval Displayed: 1 min | D*CONC/Total D | 10.96935196 | TWA over 4 hours 40 min 20 sec | |
| Date: 10/22/17 & 10/23/17 | Maximum | 225.9743 | | |
| | Maximum Date | 23-Oct-17 | | |
| | Maximum Time | 2:12:53 | | |

| Record | Temp | RHumidity | Diameter | Time | Date | (MASS )ug/m3 |
|---|---|---|---|---|---|---|
| 1920 | 15.7 | 71 | 0.4394 | 0:20:43 | 23-Oct-17 | 9.9 |
| 1932 | 15.7 | 71 | 0.3134 | 0:21:43 | 23-Oct-17 | 7 |
| 1944 | 15.7 | 71 | 0.4434 | 0:22:43 | 23-Oct-17 | 8.9 |
| 1956 | 15.6 | 70 | 0.2884 | 0:23:43 | 23-Oct-17 | 7.6 |
| 1968 | 15.7 | 71 | 0.3185 | 0:24:43 | 23-Oct-17 | 8.6 |
| 1980 | 15.7 | 70 | 0.4313 | 0:25:43 | 23-Oct-17 | 8.4 |
| 1992 | 15.7 | 70 | 0.3245 | 0:26:43 | 23-Oct-17 | 6.5 |
| 2004 | 15.7 | 70 | 0.432 | 0:27:43 | 23-Oct-17 | 8.1 |
| 2016 | 15.7 | 70 | 0.3555 | 0:28:43 | 23-Oct-17 | 8.5 |
| 2028 | 15.8 | 70 | 0.3142 | 0:29:43 | 23-Oct-17 | 8.4 |
| 2040 | 15.8 | 70 | 0.3057 | 0:30:43 | 23-Oct-17 | 7.1 |
| 2052 | 15.8 | 69 | 0.3701 | 0:31:43 | 23-Oct-17 | 9.2 |
| 2064 | 15.8 | 70 | 0.3062 | 0:32:43 | 23-Oct-17 | 6.4 |
| 2076 | 15.8 | 69 | 0.3731 | 0:33:43 | 23-Oct-17 | 7.1 |
| 2088 | 15.9 | 69 | 0.3065 | 0:34:43 | 23-Oct-17 | 6.6 |
| 2100 | 15.9 | 69 | 0.3158 | 0:35:43 | 23-Oct-17 | 8.3 |
| 2112 | 15.9 | 69 | 0.3406 | 0:36:43 | 23-Oct-17 | 9.3 |
| 2124 | 16 | 69 | 0.3051 | 0:37:43 | 23-Oct-17 | 7.3 |
| 2136 | 16 | 69 | 0.5009 | 0:38:43 | 23-Oct-17 | 9.6 |
| 2148 | 16 | 69 | 0.3068 | 0:39:43 | 23-Oct-17 | 7.7 |
| 2160 | 16 | 69 | 0.301 | 0:40:43 | 23-Oct-17 | 6.2 |
| 2172 | 16 | 69 | 0.2816 | 0:41:43 | 23-Oct-17 | 6.3 |
| 2184 | 16 | 69 | 0.3015 | 0:42:43 | 23-Oct-17 | 8 |
| 2196 | 16.1 | 69 | 0.2925 | 0:43:43 | 23-Oct-17 | 6 |
| 2208 | 16 | 68 | 0.3291 | 0:44:43 | 23-Oct-17 | 6.5 |
| 2220 | 16.1 | 68 | 0.3036 | 0:45:43 | 23-Oct-17 | 6.2 |
| 2232 | 16.1 | 69 | 0.3316 | 0:46:43 | 23-Oct-17 | 5.6 |
| 2244 | 16.1 | 68 | 0.3267 | 0:47:43 | 23-Oct-17 | 6.3 |
| 2256 | 16.1 | 68 | 0.3151 | 0:48:43 | 23-Oct-17 | 6.5 |
| 2268 | 16.1 | 68 | 0.3623 | 0:49:43 | 23-Oct-17 | 6.3 |
| 2280 | 16.1 | 68 | 0.3633 | 0:50:43 | 23-Oct-17 | 7.3 |
| 2292 | 16.1 | 68 | 0.35 | 0:51:43 | 23-Oct-17 | 7 |
| 2304 | 16.2 | 68 | 0.3839 | 0:52:43 | 23-Oct-17 | 8.4 |
| 2316 | 16.1 | 68 | 0.4365 | 0:53:43 | 23-Oct-17 | 7.7 |
| 2328 | 16.2 | 68 | 0.3092 | 0:54:43 | 23-Oct-17 | 7.7 |
| 2340 | 16.2 | 68 | 0.3242 | 0:55:43 | 23-Oct-17 | 7 |
| 2352 | 16.1 | 68 | 0.329 | 0:56:43 | 23-Oct-17 | 5.5 |
| 2364 | 16.2 | 68 | 0.3723 | 0:57:43 | 23-Oct-17 | 7.5 |
| 2376 | 16.2 | 68 | 0.4842 | 0:58:43 | 23-Oct-17 | 8.3 |
| 2388 | 16.2 | 68 | 0.3396 | 0:59:43 | 23-Oct-17 | 6 |
| 2400 | 16.2 | 68 | 0.3533 | 1:00:43 | 23-Oct-17 | 7.9 |
| 2412 | 16.2 | 68 | 0.3274 | 1:01:43 | 23-Oct-17 | 6.1 |
| 2424 | 16.2 | 68 | 0.3719 | 1:02:43 | 23-Oct-17 | 6.6 |
| 2436 | 16.2 | 68 | 0.3012 | 1:03:43 | 23-Oct-17 | 6.5 |
| 2448 | 16.2 | 67 | 0.435 | 1:04:43 | 23-Oct-17 | 7.8 |
| 2460 | 16.2 | 67 | 0.379 | 1:05:43 | 23-Oct-17 | 6.3 |
| 2472 | 16.3 | 68 | 0.3577 | 1:06:43 | 23-Oct-17 | 8.1 |
| 2484 | 16.3 | 67 | 0.3462 | 1:07:43 | 23-Oct-17 | 5.9 |
| 2496 | 16.3 | 67 | 0.3652 | 1:08:43 | 23-Oct-17 | 5.6 |
| 2508 | 16.2 | 67 | 0.3261 | 1:09:43 | 23-Oct-17 | 6.2 |
| 2520 | 16.3 | 68 | 0.3475 | 1:10:43 | 23-Oct-17 | 6.9 |
| 2532 | 16.3 | 67 | 0.3152 | 1:11:43 | 23-Oct-17 | 7.3 |
| 2544 | 16.3 | 67 | 0.3839 | 1:12:43 | 23-Oct-17 | 8.3 |

(1) Calculations based on 5-sec logging interval.

# PM10 Particulate Data

# Location: Barker Lane

| | | | | |
|---|---|---|---|---|
| Instrument ID: D687 | Total D*CONC[1] | 184504.5 | | Latitude: 39.2589 |
| Tag: 1 | Total Time (mins) | 4:40:20 | | Longitude: -81.5316 |
| Log Interval: 5 sec | Total Time (sec) | 16820 | | |
| Log Interval Displayed: 1 min | D*CONC/Total D | 10.96935196 | TWA over 4 hours 40 min 20 sec | |
| Date: 10/22/17 & 10/23/17 | Maximum | 225.9743 | | |
| | Maximum Date | 23-Oct-17 | | |
| | Maximum Time | 2:12:53 | | |

| Record | Temp | RHumidity | Diameter | Time | Date | (MASS )ug/m3 |
|---|---|---|---|---|---|---|
| 2556 | 16.3 | 67 | 0.4082 | 1:13:43 | 23-Oct-17 | 6.8 |
| 2568 | 16.4 | 67 | 0.4133 | 1:14:43 | 23-Oct-17 | 7.5 |
| 2580 | 16.4 | 67 | 0.4688 | 1:15:43 | 23-Oct-17 | 6.9 |
| 2592 | 16.3 | 67 | 0.301 | 1:16:43 | 23-Oct-17 | 6.1 |
| 2604 | 16.4 | 67 | 0.3733 | 1:17:43 | 23-Oct-17 | 6.5 |
| 2616 | 16.3 | 67 | 0.3212 | 1:18:43 | 23-Oct-17 | 7.6 |
| 2628 | 16.4 | 67 | 0.403 | 1:19:43 | 23-Oct-17 | 6.1 |
| 2640 | 16.4 | 67 | 0.3415 | 1:20:43 | 23-Oct-17 | 5.6 |
| 2652 | 16.3 | 67 | 0.3347 | 1:21:43 | 23-Oct-17 | 6.8 |
| 2664 | 16.5 | 67 | 0.3673 | 1:22:43 | 23-Oct-17 | 6.4 |
| 2676 | 16.4 | 67 | 0.3313 | 1:23:43 | 23-Oct-17 | 4.5 |
| 2688 | 16.4 | 67 | 0.4235 | 1:24:43 | 23-Oct-17 | 7.7 |
| 2700 | 16.5 | 67 | 0.362 | 1:25:43 | 23-Oct-17 | 6.9 |
| 2712 | 16.4 | 67 | 0.3565 | 1:26:43 | 23-Oct-17 | 5.8 |
| 2724 | 16.4 | 67 | 0.5259 | 1:27:43 | 23-Oct-17 | 10.3 |
| 2736 | 16.5 | 67 | 0.4492 | 1:28:43 | 23-Oct-17 | 7.2 |
| 2748 | 16.4 | 67 | 0.3402 | 1:29:43 | 23-Oct-17 | 4.7 |
| 2760 | 16.5 | 67 | 0.3723 | 1:30:43 | 23-Oct-17 | 5.7 |
| 2772 | 16.4 | 67 | 0.3424 | 1:31:43 | 23-Oct-17 | 6.2 |
| 2784 | 16.5 | 67 | 0.3717 | 1:32:43 | 23-Oct-17 | 5 |
| 2796 | 16.4 | 66 | 0.3495 | 1:33:43 | 23-Oct-17 | 6.4 |
| 2808 | 16.5 | 67 | 0.3104 | 1:34:43 | 23-Oct-17 | 5.7 |
| 2820 | 16.5 | 67 | 0.3411 | 1:35:43 | 23-Oct-17 | 4.7 |
| 2832 | 16.5 | 67 | 0.313 | 1:36:43 | 23-Oct-17 | 4.5 |
| 2844 | 16.5 | 67 | 0.3131 | 1:37:43 | 23-Oct-17 | 4.6 |
| 2856 | 16.5 | 67 | 0.3626 | 1:38:43 | 23-Oct-17 | 7 |
| 2868 | 16.5 | 67 | 0.3651 | 1:39:43 | 23-Oct-17 | 6.7 |
| 2880 | 16.5 | 66 | 0.3574 | 1:40:43 | 23-Oct-17 | 6.9 |
| 2892 | 16.5 | 67 | 0.3639 | 1:41:43 | 23-Oct-17 | 5.6 |
| 2904 | 16.5 | 67 | 0.3259 | 1:42:43 | 23-Oct-17 | 5.2 |
| 2916 | 16.5 | 67 | 0.3598 | 1:43:43 | 23-Oct-17 | 5 |
| 2928 | 16.5 | 66 | 0.3446 | 1:44:43 | 23-Oct-17 | 6 |
| 2940 | 16.5 | 67 | 0.3398 | 1:45:43 | 23-Oct-17 | 5.9 |
| 2952 | 16.5 | 66 | 0.3831 | 1:46:43 | 23-Oct-17 | 6.5 |
| 2964 | 16.5 | 67 | 0.303 | 1:47:43 | 23-Oct-17 | 6.9 |
| 2976 | 16.6 | 66 | 0.3533 | 1:48:43 | 23-Oct-17 | 8 |
| 2988 | 16.6 | 67 | 0.3872 | 1:49:43 | 23-Oct-17 | 8 |
| 3000 | 16.6 | 66 | 0.2692 | 1:50:43 | 23-Oct-17 | 7.7 |
| 3012 | 16.6 | 66 | 0.327 | 1:51:43 | 23-Oct-17 | 7.2 |
| 3024 | 16.6 | 67 | 0.4142 | 1:52:43 | 23-Oct-17 | 9.2 |
| 3036 | 16.6 | 66 | 0.33 | 1:53:43 | 23-Oct-17 | 7.9 |
| 3048 | 16.6 | 66 | 0.3658 | 1:54:43 | 23-Oct-17 | 7.4 |
| 3060 | 16.6 | 66 | 0.6464 | 1:55:43 | 23-Oct-17 | 29.2 |
| 3072 | 16.6 | 66 | 0.6755 | 1:56:43 | 23-Oct-17 | 13.3 |
| 3084 | 16.6 | 66 | 0.6285 | 1:57:43 | 23-Oct-17 | 15.8 |
| 3096 | 16.6 | 66 | 0.5274 | 1:58:43 | 23-Oct-17 | 23.4 |
| 3108 | 16.6 | 66 | 0.3788 | 1:59:43 | 23-Oct-17 | 5.6 |
| 3120 | 16.6 | 66 | 0.3104 | 2:00:43 | 23-Oct-17 | 6 |
| 3132 | 16.6 | 66 | 0.3618 | 2:01:43 | 23-Oct-17 | 6.2 |
| 3144 | 16.6 | 66 | 0.3429 | 2:02:43 | 23-Oct-17 | 7.3 |
| 3156 | 16.6 | 66 | 0.3463 | 2:03:43 | 23-Oct-17 | 5.8 |
| 3168 | 16.7 | 66 | 0.3427 | 2:04:43 | 23-Oct-17 | 5.5 |
| 3180 | 16.7 | 66 | 0.3948 | 2:05:43 | 23-Oct-17 | 7.5 |

(1) Calculations based on 5-sec logging interval.

## PM10 Particulate Data

## Location: Barker Lane

| | | | |
|---|---|---|---|
| Instrument ID: D687 | Total D*CONC[1] | 184504.5 | Latitude: 39.2589 |
| Tag: 1 | Total Time (mins) | 4:40:20 | Longitude: -81.5316 |
| Log Interval: 5 sec | Total Time (sec) | 16820 | |
| Log Interval Displayed: 1 min | D*CONC/Total D | 10.96935196 | TWA over 4 hours 40 min 20 sec |
| Date: 10/22/17 & 10/23/17 | Maximum | 225.9743 | |
| | Maximum Date | 23-Oct-17 | |
| | Maximum Time | 2:12:53 | |

| Record | Temp | RHumidity | Diameter | Time | Date | (MASS )ug/m3 |
|---|---|---|---|---|---|---|
| 3192 | 16.7 | 66 | 0.4426 | 2:06:43 | 23-Oct-17 | 11.6 |
| 3204 | 16.7 | 66 | 0.5209 | 2:07:43 | 23-Oct-17 | 11.5 |
| 3216 | 16.7 | 66 | 0.3649 | 2:08:43 | 23-Oct-17 | 5.4 |
| 3228 | 16.7 | 66 | 0.3244 | 2:09:43 | 23-Oct-17 | 5.8 |
| 3240 | 16.7 | 66 | 0.2946 | 2:10:43 | 23-Oct-17 | 6.4 |
| 3252 | 16.7 | 66 | 0.4153 | 2:11:43 | 23-Oct-17 | 5.4 |
| 3264 | 16.8 | 66 | 0.4959 | 2:12:43 | 23-Oct-17 | 44 |
| 3276 | 16.7 | 66 | 0.3331 | 2:13:43 | 23-Oct-17 | 6.1 |
| 3288 | 16.8 | 66 | 0.3786 | 2:14:43 | 23-Oct-17 | 6.5 |
| 3300 | 16.8 | 66 | 0.3147 | 2:15:43 | 23-Oct-17 | 6.1 |
| 3312 | 16.7 | 66 | 0.3522 | 2:16:43 | 23-Oct-17 | 5.6 |
| 3324 | 16.8 | 66 | 0.3245 | 2:17:43 | 23-Oct-17 | 5.9 |
| 3336 | 16.8 | 66 | 0.3571 | 2:18:43 | 23-Oct-17 | 6.3 |
| 3348 | 16.8 | 66 | 0.3517 | 2:19:43 | 23-Oct-17 | 5.9 |
| 3360 | 16.8 | 66 | 0.3445 | 2:20:43 | 23-Oct-17 | 7 |

(1) Calculations based on 5-sec logging interval.