



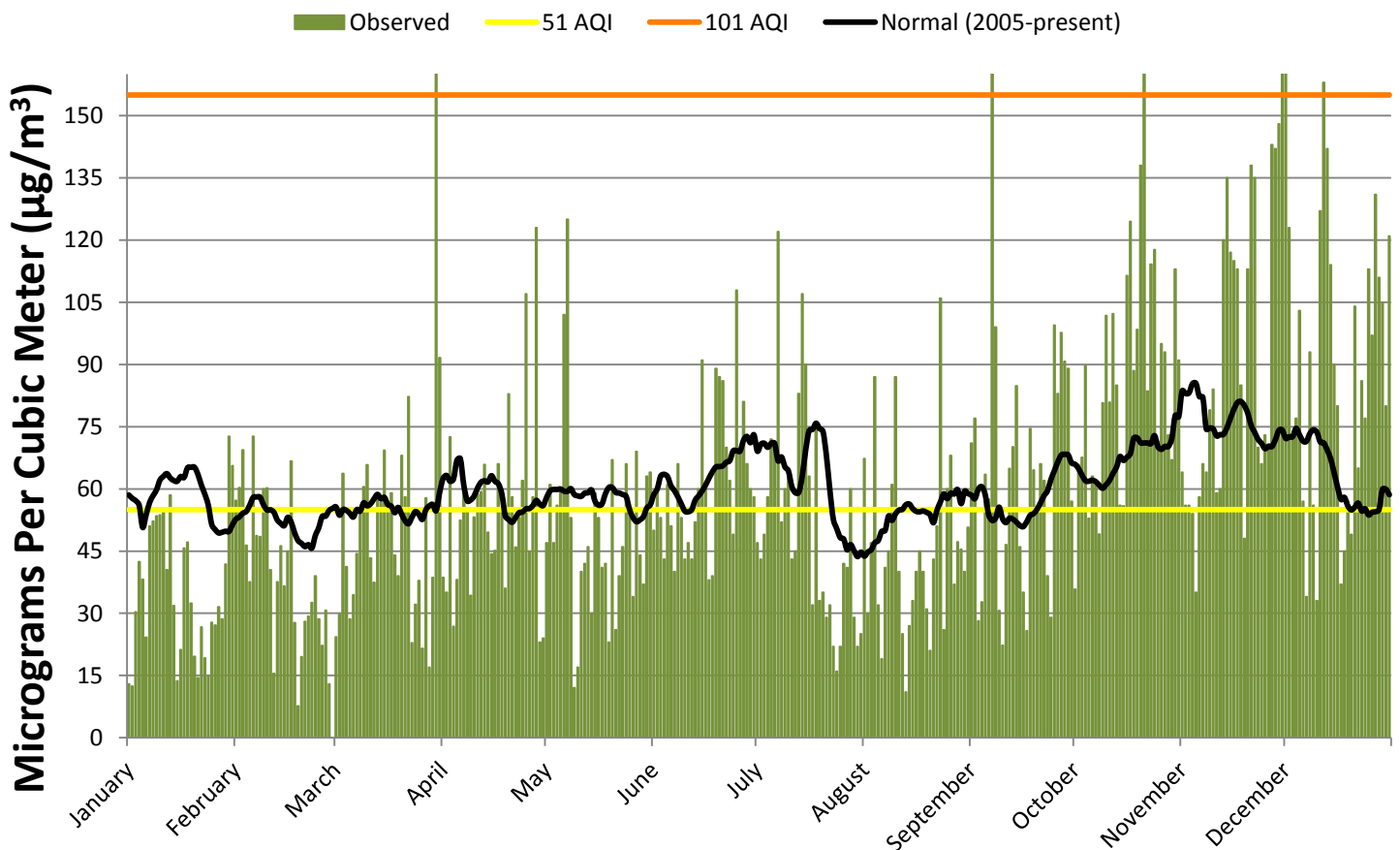
2017 Phoenix PM10

Disclaimer: The data provided in this document are preliminary and have not yet been quality assured and certified in the Environmental Protection Agency's (EPA) Air Quality System database. The data are for the purpose of providing general information to the public. This product is updated weekly.

Year to Date (Jan 1 - Dec 31)

| | Good days | Moderate days | Exceedance days |
|----------------|-----------|---------------|-----------------|
| Number of days | 178 | 181 | 6 |

2017 Phoenix PM₁₀



Daily maximum PM₁₀ concentration (green) for the Phoenix area measured in micrograms per cubic meter (µg/m³). The normal line (black) is a rolling weekly average of historical PM₁₀ data. The yellow and orange lines are Air Quality Index (AQI) category breakpoints.

*Scroll to bottom for list of exceedance days.

Daily Maximum PM10 Observations

| January | | | February | | | March | | |
|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|
| Date | µg/m3 | AQI | Date | µg/m3 | AQI | Date | µg/m3 | AQI |
| 1/1/2017 | 12.9 | 11 | 2/1/2017 | 57.2 | 52 | 3/1/2017 | 24.3 | 22 |
| 1/2/2017 | 12.4 | 11 | 2/2/2017 | 60.3 | 53 | 3/2/2017 | 29.7 | 27 |
| 1/3/2017 | 30.3 | 28 | 2/3/2017 | 69.4 | 58 | 3/3/2017 | 63.7 | 55 |
| 1/4/2017 | 42.4 | 39 | 2/4/2017 | 46.4 | 43 | 3/4/2017 | 41.2 | 38 |
| 1/5/2017 | 38.2 | 35 | 2/5/2017 | 37.6 | 34 | 3/5/2017 | 28.6 | 26 |
| 1/6/2017 | 24.2 | 22 | 2/6/2017 | 72.7 | 59 | 3/6/2017 | 34.4 | 31 |
| 1/7/2017 | 51 | 47 | 2/7/2017 | 48.7 | 44 | 3/7/2017 | 44.4 | 41 |
| 1/8/2017 | 52.2 | 48 | 2/8/2017 | 48.5 | 44 | 3/8/2017 | 55.5 | 51 |
| 1/9/2017 | 53.5 | 49 | 2/9/2017 | 60 | 53 | 3/9/2017 | 60.5 | 53 |
| 1/10/2017 | 53.7 | 49 | 2/10/2017 | 60.2 | 53 | 3/10/2017 | 65.8 | 56 |
| 1/11/2017 | 54.3 | 50 | 2/11/2017 | 40.5 | 37 | 3/11/2017 | 43.3 | 40 |
| 1/12/2017 | 40.5 | 37 | 2/12/2017 | 15.5 | 14 | 3/12/2017 | 37.4 | 34 |
| 1/13/2017 | 58.5 | 52 | 2/13/2017 | 37.6 | 34 | 3/13/2017 | 58.8 | 52 |
| 1/14/2017 | 31.8 | 29 | 2/14/2017 | 46.2 | 43 | 3/14/2017 | 56.7 | 51 |
| 1/15/2017 | 13.7 | 12 | 2/15/2017 | 36.5 | 33 | 3/15/2017 | 69.3 | 58 |
| 1/16/2017 | 21.2 | 19 | 2/16/2017 | 45 | 42 | 3/16/2017 | 55.9 | 51 |
| 1/17/2017 | 45.7 | 42 | 2/17/2017 | 66.7 | 56 | 3/17/2017 | 59 | 53 |
| 1/18/2017 | 47.1 | 44 | 2/18/2017 | 27.7 | 25 | 3/18/2017 | 44 | 41 |
| 1/19/2017 | 32.4 | 30 | 2/19/2017 | 7.6 | 6 | 3/19/2017 | 39 | 36 |
| 1/20/2017 | 19.6 | 18 | 2/20/2017 | 19.5 | 18 | 3/20/2017 | 68 | 57 |
| 1/21/2017 | 14.4 | 13 | 2/21/2017 | 28 | 26 | 3/21/2017 | 58 | 52 |
| 1/22/2017 | 26.7 | 24 | 2/22/2017 | 29.3 | 27 | 3/22/2017 | 82.2 | 64 |
| 1/23/2017 | 19.2 | 18 | 2/23/2017 | 32.6 | 30 | 3/23/2017 | 22.9 | 20 |
| 1/24/2017 | 14.8 | 13 | 2/24/2017 | 39 | 36 | 3/24/2017 | 32.1 | 30 |
| 1/25/2017 | 27.8 | 25 | 2/25/2017 | 28.6 | 26 | 3/25/2017 | 37.9 | 34 |
| 1/26/2017 | 27.1 | 25 | 2/26/2017 | 22.2 | 20 | 3/26/2017 | 21.5 | 19 |
| 1/27/2017 | 31.5 | 29 | 2/27/2017 | 30.7 | 28 | 3/27/2017 | 57.8 | 52 |
| 1/28/2017 | 28.6 | 26 | 2/28/2017 | 12.9 | 11 | 3/28/2017 | 17 | 16 |
| 1/29/2017 | 41.8 | 38 | | | | 3/29/2017 | 38.6 | 35 |
| 1/30/2017 | 72.7 | 59 | | | | 3/30/2017 | 164.5 | 105 |
| 1/31/2017 | 65.6 | 56 | | | | 3/31/2017 | 91.6 | 69 |

| April | | | May | | | June | | |
|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|
| Date | µg/m3 | AQI | Date | µg/m3 | AQI | Date | µg/m3 | AQI |
| 4/1/2017 | 38.6 | 35 | 5/1/2017 | 47 | 44 | 6/1/2017 | 50 | 46 |
| 4/2/2017 | 35 | 32 | 5/2/2017 | 61 | 54 | 6/2/2017 | 59 | 53 |
| 4/3/2017 | 72.5 | 59 | 5/3/2017 | 47 | 44 | 6/3/2017 | 53 | 49 |
| 4/4/2017 | 26.8 | 24 | 5/4/2017 | 56 | 51 | 6/4/2017 | 43 | 40 |
| 4/5/2017 | 38.1 | 35 | 5/5/2017 | 60 | 53 | 6/5/2017 | 61 | 54 |
| 4/6/2017 | 52.4 | 48 | 5/6/2017 | 102 | 74 | 6/6/2017 | 51 | 47 |
| 4/7/2017 | 62 | 54 | 5/7/2017 | 125 | 86 | 6/7/2017 | 40 | 37 |
| 4/8/2017 | 55.2 | 51 | 5/8/2017 | 53 | 49 | 6/8/2017 | 66 | 56 |
| 4/9/2017 | 34.3 | 31 | 5/9/2017 | 12 | 11 | 6/9/2017 | 53 | 49 |
| 4/10/2017 | 53.2 | 49 | 5/10/2017 | 17 | 16 | 6/10/2017 | 43 | 40 |
| 4/11/2017 | 58.7 | 52 | 5/11/2017 | 40 | 37 | 6/11/2017 | 47 | 44 |
| 4/12/2017 | 59.3 | 53 | 5/12/2017 | 42 | 39 | 6/12/2017 | 43 | 40 |
| 4/13/2017 | 65.9 | 56 | 5/13/2017 | 46 | 43 | 6/13/2017 | 52 | 48 |
| 4/14/2017 | 49.5 | 45 | 5/14/2017 | 30 | 28 | 6/14/2017 | 60 | 53 |
| 4/15/2017 | 44.3 | 41 | 5/15/2017 | 59 | 53 | 6/15/2017 | 91 | 69 |
| 4/16/2017 | 45.1 | 42 | 5/16/2017 | 53 | 49 | 6/16/2017 | 60 | 53 |
| 4/17/2017 | 66 | 56 | 5/17/2017 | 41 | 38 | 6/17/2017 | 38 | 35 |
| 4/18/2017 | 55.1 | 51 | 5/18/2017 | 42 | 39 | 6/18/2017 | 39 | 36 |
| 4/19/2017 | 36 | 33 | 5/19/2017 | 23 | 21 | 6/19/2017 | 89 | 68 |
| 4/20/2017 | 82.9 | 64 | 5/20/2017 | 67 | 57 | 6/20/2017 | 87 | 67 |
| 4/21/2017 | 58 | 52 | 5/21/2017 | 26 | 24 | 6/21/2017 | 86 | 66 |
| 4/22/2017 | 45.9 | 42 | 5/22/2017 | 39 | 36 | 6/22/2017 | 70 | 58 |
| 4/23/2017 | 53 | 49 | 5/23/2017 | 46 | 43 | 6/23/2017 | 62 | 54 |
| 4/24/2017 | 62 | 54 | 5/24/2017 | 66 | 56 | 6/24/2017 | 49 | 45 |
| 4/25/2017 | 107 | 77 | 5/25/2017 | 55 | 51 | 6/25/2017 | 107.9 | 77 |
| 4/26/2017 | 45 | 42 | 5/26/2017 | 34 | 31 | 6/26/2017 | 69 | 58 |
| 4/27/2017 | 58 | 52 | 5/27/2017 | 69 | 58 | 6/27/2017 | 81 | 64 |
| 4/28/2017 | 123 | 85 | 5/28/2017 | 44 | 41 | 6/28/2017 | 66 | 56 |
| 4/29/2017 | 23 | 21 | 5/29/2017 | 37 | 34 | 6/29/2017 | 60 | 53 |
| 4/30/2017 | 24 | 22 | 5/30/2017 | 63 | 55 | 6/30/2017 | 58 | 52 |
| | | | 5/31/2017 | 64 | 55 | | | |

| July | | | August | | | September | | |
|-----------|-------|-----|-----------|-------|-----|-----------|-------|-----|
| Date | µg/m3 | AQI | Date | µg/m3 | AQI | Date | µg/m3 | AQI |
| 7/1/2017 | 47 | 44 | 8/1/2017 | 67.3 | 57 | 9/1/2017 | 71 | 59 |
| 7/2/2017 | 43 | 40 | 8/2/2017 | 30 | 28 | 9/2/2017 | 77 | 62 |
| 7/3/2017 | 49 | 45 | 8/3/2017 | 47 | 44 | 9/3/2017 | 28.2 | 26 |
| 7/4/2017 | 58 | 52 | 8/4/2017 | 87 | 67 | 9/4/2017 | 32.7 | 30 |
| 7/5/2017 | 72 | 59 | 8/5/2017 | 32 | 30 | 9/5/2017 | 63.5 | 55 |
| 7/6/2017 | 70 | 58 | 8/6/2017 | 19 | 18 | 9/6/2017 | 57.5 | 52 |
| 7/7/2017 | 122 | 84 | 8/7/2017 | 41 | 38 | 9/7/2017 | 250.5 | 148 |
| 7/8/2017 | 52 | 48 | 8/8/2017 | 45 | 42 | 9/8/2017 | 99 | 73 |
| 7/9/2017 | 60 | 53 | 8/9/2017 | 61 | 54 | 9/9/2017 | 30.6 | 28 |
| 7/10/2017 | 65 | 56 | 8/10/2017 | 87 | 67 | 9/10/2017 | 22.3 | 20 |
| 7/11/2017 | 43 | 40 | 8/11/2017 | 40 | 37 | 9/11/2017 | 46.5 | 43 |
| 7/12/2017 | 45 | 42 | 8/12/2017 | 25 | 23 | 9/12/2017 | 64.9 | 55 |
| 7/13/2017 | 83 | 65 | 8/13/2017 | 11 | 10 | 9/13/2017 | 70.1 | 58 |
| 7/14/2017 | 107 | 77 | 8/14/2017 | 27 | 25 | 9/14/2017 | 84.8 | 65 |
| 7/15/2017 | 90 | 68 | 8/15/2017 | 33 | 31 | 9/15/2017 | 46 | 43 |
| 7/16/2017 | 63 | 55 | 8/16/2017 | 40 | 37 | 9/16/2017 | 35 | 32 |
| 7/17/2017 | 32 | 30 | 8/17/2017 | 45 | 42 | 9/17/2017 | 25.8 | 23 |
| 7/18/2017 | 76 | 61 | 8/18/2017 | 40 | 37 | 9/18/2017 | 74.5 | 60 |
| 7/19/2017 | 33 | 31 | 8/19/2017 | 31 | 29 | 9/19/2017 | 64.5 | 55 |
| 7/20/2017 | 35 | 32 | 8/20/2017 | 21 | 19 | 9/20/2017 | 54.7 | 50 |
| 7/21/2017 | 29 | 27 | 8/21/2017 | 43 | 40 | 9/21/2017 | 66 | 56 |
| 7/22/2017 | 32 | 30 | 8/22/2017 | 51 | 47 | 9/22/2017 | 62 | 54 |
| 7/23/2017 | 22 | 20 | 8/23/2017 | 106 | 76 | 9/23/2017 | 39 | 36 |
| 7/24/2017 | 16 | 15 | 8/24/2017 | 26 | 24 | 9/24/2017 | 29 | 27 |
| 7/25/2017 | 22 | 20 | 8/25/2017 | 60 | 53 | 9/25/2017 | 99.5 | 73 |
| 7/26/2017 | 42 | 39 | 8/26/2017 | 68 | 57 | 9/26/2017 | 83 | 65 |
| 7/27/2017 | 41 | 38 | 8/27/2017 | 37 | 34 | 9/27/2017 | 97.7 | 72 |
| 7/28/2017 | 60 | 53 | 8/28/2017 | 47.2 | 44 | 9/28/2017 | 90.7 | 68 |
| 7/29/2017 | 29 | 27 | 8/29/2017 | 45.4 | 42 | 9/29/2017 | 89 | 68 |
| 7/30/2017 | 22 | 20 | 8/30/2017 | 40 | 37 | 9/30/2017 | 57 | 52 |
| 7/31/2017 | 25 | 23 | 8/31/2017 | 50.7 | 46 | | | |

| October | | | November | | | December | | |
|------------|-------|-----|------------|-------|-----|------------|-------|-----|
| Date | µg/m3 | AQI | Date | µg/m3 | AQI | Date | µg/m3 | AQI |
| 10/1/2017 | 35.8 | 32 | 11/1/2017 | 64 | 55 | 12/1/2017 | 170 | 108 |
| 10/2/2017 | 65.9 | 56 | 11/2/2017 | 56 | 51 | 12/2/2017 | 123 | 85 |
| 10/3/2017 | 67.6 | 57 | 11/3/2017 | 56 | 51 | 12/3/2017 | 72 | 59 |
| 10/4/2017 | 89.7 | 68 | 11/4/2017 | 54 | 50 | 12/4/2017 | 77 | 62 |
| 10/5/2017 | 52.9 | 48 | 11/5/2017 | 35 | 32 | 12/5/2017 | 103 | 75 |
| 10/6/2017 | 63 | 55 | 11/6/2017 | 58 | 52 | 12/6/2017 | 57 | 52 |
| 10/7/2017 | 61 | 54 | 11/7/2017 | 66 | 56 | 12/7/2017 | 34 | 31 |
| 10/8/2017 | 49.1 | 45 | 11/8/2017 | 64 | 55 | 12/8/2017 | 93 | 70 |
| 10/9/2017 | 80.7 | 63 | 11/9/2017 | 79 | 63 | 12/9/2017 | 56 | 51 |
| 10/10/2017 | 101.8 | 74 | 11/10/2017 | 84 | 65 | 12/10/2017 | 33 | 31 |
| 10/11/2017 | 80.9 | 63 | 11/11/2017 | 59 | 53 | 12/11/2017 | 127 | 87 |
| 10/12/2017 | 102.2 | 74 | 11/12/2017 | 60 | 53 | 12/12/2017 | 158 | 102 |
| 10/13/2017 | 85 | 66 | 11/13/2017 | 120 | 83 | 12/13/2017 | 142 | 94 |
| 10/14/2017 | 56 | 51 | 11/14/2017 | 135 | 91 | 12/14/2017 | 114 | 80 |
| 10/15/2017 | 55.9 | 51 | 11/15/2017 | 117 | 82 | 12/15/2017 | 90 | 68 |
| 10/16/2017 | 111.4 | 79 | 11/16/2017 | 115 | 81 | 12/16/2017 | 80 | 63 |
| 10/17/2017 | 124.5 | 85 | 11/17/2017 | 113 | 80 | 12/17/2017 | 37 | 34 |
| 10/18/2017 | 88.5 | 67 | 11/18/2017 | 85 | 66 | 12/18/2017 | 45 | 42 |
| 10/19/2017 | 98.4 | 72 | 11/19/2017 | 48 | 44 | 12/19/2017 | 57 | 52 |
| 10/20/2017 | 138 | 92 | 11/20/2017 | 113 | 80 | 12/20/2017 | 49 | 45 |
| 10/21/2017 | 170 | 108 | 11/21/2017 | 138 | 92 | 12/21/2017 | 104 | 75 |
| 10/22/2017 | 83.6 | 65 | 11/22/2017 | 135 | 91 | 12/22/2017 | 65 | 56 |
| 10/23/2017 | 114.2 | 80 | 11/23/2017 | 70 | 58 | 12/23/2017 | 86 | 66 |
| 10/24/2017 | 117.7 | 82 | 11/24/2017 | 66 | 56 | 12/24/2017 | 77 | 62 |
| 10/25/2017 | 71.4 | 59 | 11/25/2017 | 73 | 60 | 12/25/2017 | 113 | 80 |
| 10/26/2017 | 95 | 71 | 11/26/2017 | 70 | 58 | 12/26/2017 | 97 | 72 |
| 10/27/2017 | 93 | 70 | 11/27/2017 | 143 | 95 | 12/27/2017 | 131 | 89 |
| 10/28/2017 | 73 | 60 | 11/28/2017 | 142 | 94 | 12/28/2017 | 111 | 79 |
| 10/29/2017 | 67 | 57 | 11/29/2017 | 148 | 97 | 12/29/2017 | 105 | 76 |
| 10/30/2017 | 113 | 80 | 11/30/2017 | 160 | 103 | 12/30/2017 | 80 | 63 |
| 10/31/2017 | 91 | 69 | | | | 12/31/2017 | 121 | 84 |

2017 PM10 Exceedance Day List

| Date | $\mu\text{g}/\text{m}^3$ | AQI |
|------------|--------------------------|-----|
| 3/30/2017 | 164.5 | 105 |
| 9/7/2017 | 250.5 | 148 |
| 10/21/2017 | 170 | 108 |
| 11/30/2017 | 160 | 103 |
| 12/1/2017 | 170 | 108 |
| 12/12/2017 | 158 | 102 |
| | | |