

COMBS PM₁₀ 2017 TEOM Data

24 Hour Averages (ug/m³)

| | Approved Data | | | | | Preliminary Data | | | | | | |
|-------------------------------|---------------|----------|-------------------------------|--------|-----|-------------------------------|--------|--------|-------------------------------|---------|----------|----------|
| | January | February | March | April | May | June | July | August | September | October | November | December |
| 1 | 6 | 33 | 10 | 34 | 46 | 49 | 34 | 20 | 49 | 35 | 53 | 119 |
| 2 | 6 | 30 | 17 | 20 | 53 | 46 | AN | 20 | 48 | 63 | 58 | 70 |
| 3 | 13 | 39 | 32 | 68 | 49 | 44 | 57 | 27 | 28 | 68 | 64 | 38 |
| 4 | 15 | 21 | 26 | 54 | 53 | 33 | 55 | 32 | 26 | 55 | 51 | 61 |
| 5 | 12 | 20 | 14 | 37 | 64 | 51 | 48 | 26 | 59 | 62 | 30 | 105 |
| 6 | 22 | 45 | 31 | 47 | 100 | 49 | 72 | 18 | 60 | 61 | 56 | 51 |
| 7 | 18 | 29 | 34 | 57 | 46 | 48 | 86 | 33 | 177 | 42 | 62 | 45 |
| 8 | 17 | 34 | 37 | 35 | 49 | 54 | 52 | 43 | 51 | 46 | 37 | 52 |
| 9 | 31 | 31 | 42 | 32 | 11 | 43 | 60 | 44 | 20 | 58 | 49 | 45 |
| 10 | 23 | 49 | 41 | 61 | 17 | 27 | 63 | 75 | 21 | 42 | 42 | 26 |
| 11 | 25 | 21 | 30 | 64 | 33 | 38 | 19 | 31 | 39 | 75 | 45 | 77 |
| 12 | 30 | 21 | 24 | 60 | 38 | 33 | 50 | 29 | 48 | 65 | 41 | 47 |
| 13 | 41 | 22 | 36 | 61 | 23 | 46 | 73 | 8 | 98 | 49 | 81 | 86 |
| 14 | 22 | 32 | 41 | 45 | 20 | 59 | 32 | 22 | 65 | 55 | 74 | 71 |
| 15 | 8 | 27 | 48 | 38 | 53 | 55 | 76 | 23 | 40 | 43 | 84 | 47 |
| 16 | 9 | 33 | 42 | 39 | 38 | 48 | 82 | 44 | 31 | 58 | 77 | 47 |
| 17 | 14 | 54 | 43 | 51 | 45 | 37 | 23 | 43 | 29 | 69 | 73 | 18 |
| 18 | 19 | 14 | 36 | 54 | 29 | 33 | 17 | 52 | 49 | 78 | 44 | 14 |
| 19 | 12 | 4 | 33 | 44 | 27 | 56 | 36 | 39 | 59 | 66 | 31 | 17 |
| 20 | 6 | 8 | 48 | 47 | 20 | 73 | 37 | 27 | 53 | 77 | 80 | 19 |
| 21 | 9 | 13 | 49 | 46 | 22 | 55 | 35 | 31 | 65 | 149 | 82 | 46 |
| 22 | 17 | 13 | 73 | 39 | 39 | 60 | 17 | 46 | 42 | 85 | 89 | 26 |
| 23 | 10 | 27 | 19 | 36 | 43 | 62 | 17 | 133 | 41 | 65 | 46 | 28 |
| 24 | 8 | 23 | 24 | 51 | 43 | 47 | 9 | 28 | 33 | 63 | 60 | 24 |
| 25 | 10 | 16 | 19 | 70 | 39 | 63 | 14 | 35 | 58 | 57 | 52 | 28 |
| 26 | 12 | 15 | 22 | 42 | 38 | 54 | 22 | 78 | 56 | 70 | 43 | 38 |
| 27 | 11 | 26 | 30 | 55 | 26 | 57 | 32 | 35 | 62 | 63 | 79 | 49 |
| 28 | 15 | 9 | 21 | 143 | 27 | AN | 15 | 30 | 57 | 48 | 125 | 53 |
| 29 | 9 | | 33 | 21 | 33 | 68 | 16 | 36 | 63 | 42 | 113 | 51 |
| 30 | 24 | | 71 | 25 | 61 | 40 | 17 | 37 | 48 | 72 | 111 | 40 |
| 31 | 26 | | 117 | | 40 | | 20 | 46 | | 61 | | 62 |
| 1st quarter average | 26.1 | | 2nd quarter average | 45.9 | | 3rd quarter average | 43.4 | | 4th quarter average | 58.4 | | |
| # of valid samples | 90 | | # of valid samples | 90 | | # of valid samples | 91 | | # of valid samples | 92 | | |
| % of samples collected | 100.00% | | % of samples collected | 98.90% | | % of samples collected | 98.91% | | % of samples collected | 100.00% | | |
| # of 24 hr exceedances | 0 | | # of 24 hr exceedances | 0 | | # of 24 hr exceedances | 1 | | # of 24 hr exceedances | 0 | | |

COMBS PM₁₀ 2017 TEOM Data Reference Page

Corresponding Color Codings

AQS Codings

| | | |
|---------------------------------|---|------------------|
| 24 hour exceedances | any sample > 155.5 ug/m ³ | |
| PCAQCD Exceptional Event | HIGH WIND EVENTS HIGH WIND EVENTS - EPA CONCURRED. | ### ^A |
| Noise exceedences | when the noise on the monitor invalidates the data & data recovery is <75% | AN |
| Status out of range | flow out of range for more than 1 hour machine malfunction shelter temperature out of range | AH AN AE |
| General maintenance | monitor is down for general maintenance activities or filter exchanges for more than 1 hour Building/Site repair | BA BA BE |
| Negative data readings | data readings > - 10.4 ug/m ³ or Operator Error for more than 6 hours | AN BJ |
| Power failures/Vandalism | power outage for more than 6 hours Vandalism | AV AP |
| CAL / VER / AUDIT | monitor is down to perform monthly verification or annual system calibrations or QC Audit (ADEQ) for more than 1 hour | AT AT AZ |

| | |
|---|------|
| Annual Average (ug/m ³) minus high wind events | 43.5 |
|---|------|

| | |
|---------------------------------|---|
| Total # of 24 hr Exceedances | 1 |
|---------------------------------|---|

| | |
|-----------------|--------|
| Maximum Reading | 177.00 |
|-----------------|--------|