



Air Quality Analysis for Ozone

The following information is for the ambient air monitors operated by the state. This information is reported to the U.S. Environmental Protection Agency's Air Quality System database. The monitoring information provided in the chart below includes the preliminary design values for the ozone National Ambient Air Quality Standard, or NAAQS.

In March 2008, EPA strengthened the ozone NAAQS by setting it at a level of 0.075 parts per million (ppm) measured over 8 hours. Based on 2008-2010 monitoring data, the department recommended the St. Louis area as the only nonattainment area in the state with a boundary encompassing St. Louis City and St. Louis, St. Charles, Jefferson, and Franklin counties. In April 2012, the EPA finalized St. Louis as a nonattainment area for the 2008 ozone standard. In April 2016, EPA determined that the area has until July 20, 2016, to attain the standard. Missouri is following up that action by requesting that EPA review 2013 to 2015 ozone monitoring data to verify the area met the standard, and Missouri is working on plans so that EPA can formally redesignate the area back to attainment.

In October 2015 (effective in December 2015), EPA further strengthened the ozone NAAQS by setting it at a level of 0.070 ppm measured over 8 hours. Based on 2015 to 2017 monitoring data, only the West Alton site in the St. Louis area exceeds the standard.

More information on ozone health effects, the ozone standard and the designation process appears online at <http://dnr.mo.gov/env/apcp/ozone.htm>



Eight-hour Ozone Design Values^a

Annual summary through August 12, 2018

| Site | County | Fourth Highest Eight-Hour Ozone Averages | | | | | Critical Values | Exceedances > 70 ppb (2015 Std) | Design Values | | |
|-------------------------|----------------|--|------|-----------|-----------|--------------------|-----------------|------------------------------------|---------------|-----------|--------------------|
| | | Parts per billion (ppb) Year-to-date | | | | | | | Year-to-date | | |
| | | 2014 | 2015 | 2016 | 2017 | 2018 ^{cd} | CV - 70 | 2018 ^c | 14-16 | 15-17 | 16-18 ^c |
| St. Louis | | | | | | | | | | | |
| Arnold West | Jefferson | 72 | 69 | 70 | 66 | 70 | 77 | 3 | 70 | 68 | 68 |
| Blair Street* | St. Louis City | 66 | 63 | 68 | 68 | 77 | 77 | 10 | 65 | 66 | 71 |
| Foley West [^] | Lincoln | 67 | 65 | 65 | 66 | 68 | 82 | 2 | 65 | 65 | 66 |
| Maryland Heights | St. Louis | 72 | 69 | 73 | 67 | 70 | 73 | 3 | 71 | 69 | 70 |
| Orchard Farm | St. Charles | 72 | 66 | 76 | 68 | 72 | 69 | 6 | 71 | 70 | 72 |
| Pacific | St. Louis | 65 | 65 | 67 | 62 | 71 | 84 | 5 | 65 | 64 | 66 |
| West Alton | St. Charles | 72 | 70 | 75 | 72 | 75 | 66 | 5 | 72 | 72 | 74 |
| Ste. Genevieve | | | | | | | | | | | |
| Bonne Terre | Ste. Genevieve | 69 | 63 | 67 | 65 | 65 | 81 | 0 | 66 | 65 | 65 |
| Southeast | | | | | | | | | | | |
| Farrar | Perry | 67 | 67 | 69 | 67 | 66 | 77 | 1 | 67 | 67 | 67 |
| Kansas City | | | | | | | | | | | |
| Liberty | Clay | 65 | 62 | 66 | 69 | 74 | 78 | 7 | 64 | 65 | 69 |
| RG South | Cass | 65 | 65 | 61 | 63 | 65 | 89 | 0 | 63 | 63 | 63 |
| Rocky Creek | Clay | 66 | 68 | 69 | 70 | 72 | 74 | 4 | 67 | 69 | 70 |
| Trimble | Clinton | 64 | 68 | 69 | 66 | 69 | 78 | 2 | 67 | 67 | 68 |
| Watkins Mill | Clay | 67 | 64 | 66 | 69 | 72 | 78 | 5 | 65 | 66 | 69 |
| Springfield | | | | | | | | | | | |
| Fellows Lake | Greene | 60 | 61 | 59 | 62 | 63 | 92 | 0 | 60 | 60 | 61 |
| Hillcrest H.S. | Greene | 60 | 61 | 58 | 61 | 64 | 94 | 0 | 59 | 60 | 61 |
| Outstate | | | | | | | | | | | |
| Alba | Jasper | 65 | 61 | 59 | 60 | 66 | 94 | 0 | 61 | 60 | 61 |
| Branson† | Taney | 58 | 59 | 56 | 58 | † | N/A | † | 57 | 57 | † |
| El Dorado Springs | Cedar | 65 | 60 | 60 | 60 | 64 | 93 | 0 | 61 | 60 | 61 |
| Finger Lakes | Boone | 64 | 63 | 65 | 61 | 63 | 87 | 1 | 64 | 63 | 63 |
| Mark Twain* | Monroe | 60 | 58 | 59 | 60 | 63 | 94 | 1 | 59 | 59 | 60 |
| New Bloomfield | Callaway | 64 | 65 | 64 | 58 | 64 | 91 | 0 | 64 | 62 | 62 |
| Savannah | Andrew | 64 | 64 | 62 | 62 | 67 | 89 | 1 | 63 | 62 | 63 |

56

^aQuality assured data through Dec. 31, 2017.

^cYear-to-date preliminary data. Numbers may change as more data is collected over the year. Do not cite or quote.

^dFourth highest concentration measured year-to-date. Concentrations may change as more data is collected over the year.

*Year-round ozone monitoring.

[^]Monitor relocated less than a mile east of the previous site (within the same neighborhood scale of representativeness). Monitoring began on March 1, 2017.

Design values in red and bold are violations of 2015 standard.

Fourth Highest eight-hour averages in purple and bold are exceedances of the 2015 standard.

†Monitoring discontinued on Oct. 31, 2017.



Four Highest Eight-hour Ozone Values

Through August 12, 2018

2018^c

Year-to-date in parts per billion (ppb)

| <i>St. Louis</i> | 1 st High | 2 nd High | 3 rd High | 4 th High | CV - 70 |
|-------------------------|----------------------|----------------------|----------------------|----------------------|---------|
| Arnold West | 74 | 71 | 71 | 70 | 77 |
| Blair Street* | 98 | 84 | 81 | 77 | 77 |
| Foley West [^] | 83 | 77 | 68 | 68 | 82 |
| Maryland Heights | 76 | 73 | 73 | 70 | 73 |
| Orchard Farm | 80 | 73 | 73 | 72 | 69 |
| Pacific | 76 | 73 | 73 | 71 | 84 |
| West Alton | 84 | 79 | 76 | 75 | 66 |

Ste. Genevieve

| | | | | | |
|-------------|----|----|----|----|----|
| Bonne Terre | 69 | 69 | 65 | 65 | 81 |
|-------------|----|----|----|----|----|

Southeast

| | | | | | |
|--------|-----------|----|----|----|----|
| Farrar | 76 | 68 | 66 | 66 | 77 |
|--------|-----------|----|----|----|----|

Kansas City

| | | | | | |
|--------------|-----------|-----------|-----------|-----------|----|
| Liberty | 78 | 76 | 74 | 74 | 78 |
| RG South | 69 | 69 | 66 | 65 | 89 |
| Rocky Creek | 84 | 80 | 73 | 72 | 74 |
| Trimble | 83 | 74 | 69 | 69 | 78 |
| Watkins Mill | 77 | 77 | 72 | 72 | 78 |

Springfield

| | | | | | |
|----------------|----|----|----|----|----|
| Fellows Lake | 68 | 65 | 64 | 63 | 92 |
| Hillcrest H.S. | 66 | 66 | 65 | 64 | 94 |

Outstate

| | | | | | |
|-------------------|-----------|----|----|----|-----|
| Alba | 67 | 66 | 66 | 66 | 94 |
| Branson† | - | - | - | - | N/A |
| El Dorado Springs | 65 | 65 | 64 | 64 | 93 |
| Finger Lakes | 72 | 64 | 64 | 63 | 87 |
| Mark Twain* | 71 | 63 | 63 | 63 | 94 |
| New Bloomfield | 67 | 65 | 65 | 64 | 91 |
| Savannah | 72 | 69 | 68 | 67 | 89 |

CV - 70:

The critical value (CV) is the current year's fourth-highest value, which, if monitored, could yield a violation of the ozone standard for the most current three year period. (CV = 213 ppb – last year's fourth-highest value – previous year's fourth-highest value).

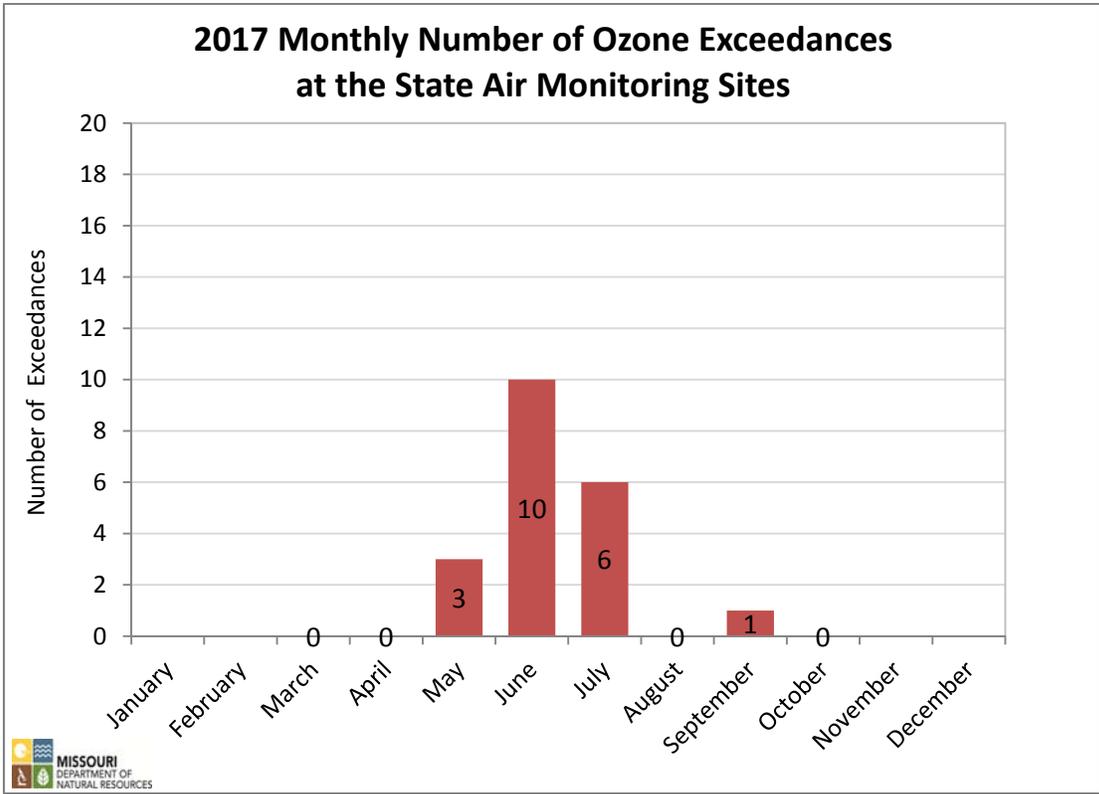
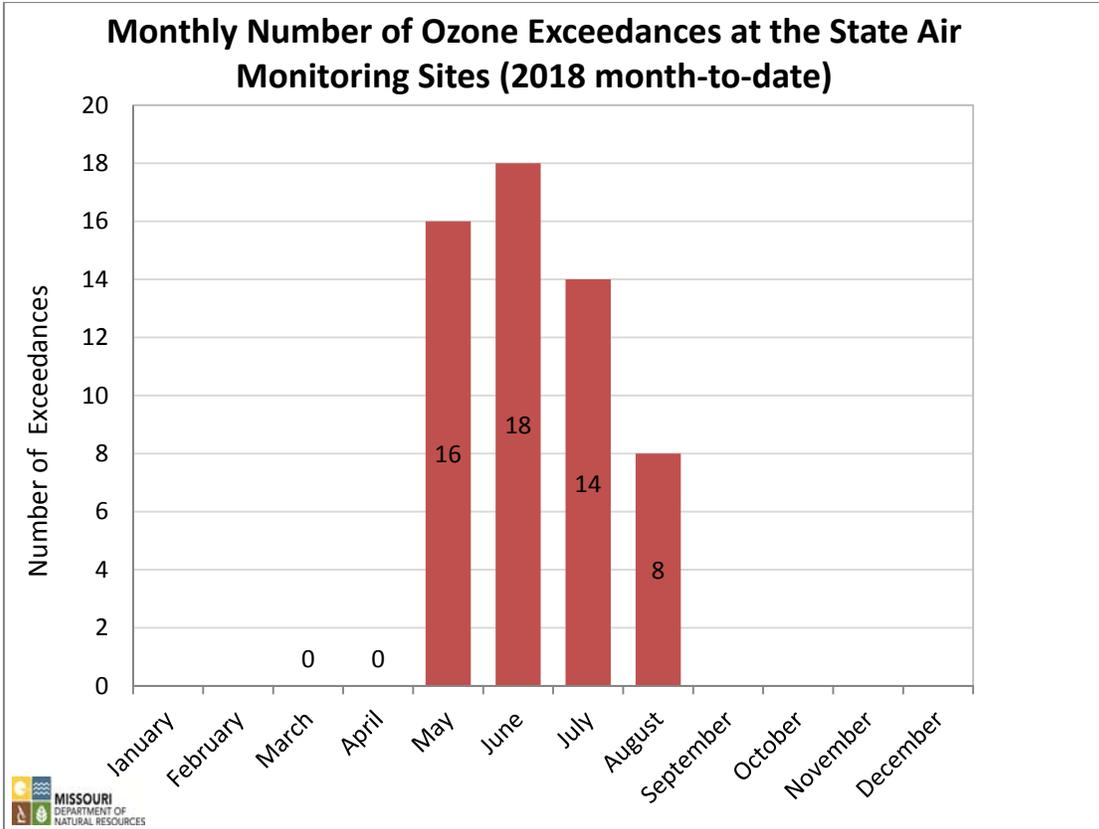
^cYear-to-date preliminary data. Do not cite or quote.

*Year-round ozone monitoring.

[^]Monitor relocated less than a mile east of the previous site (within the same neighborhood scale of representativeness). Monitoring began on March 1, 2017.

†Monitoring discontinued on Oct. 31, 2017.

Eight-hour ozone values in red and bold are exceedances of the 2015 standard.





**Daily 2018 Maximum Average Eight-Hour Concentration
of Ground-Level Ozone in Parts per Million**

(Since March 1, 2018, beginning of ozone season)[^]

| | Area's Maximum | Site's Maximum | 1-Mar | 2-Mar | 3-Mar | 4-Mar | 5-Mar | 6-Mar | 7-Mar | 8-Mar |
|------------------------------|-------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| <i>St. Louis</i> | | | | | | | | | | |
| | 0.098 | | | | | | | | | |
| Arnold West | | 0.074 | 0.041 | 0.043 | 0.046 | 0.046 | 0.035 | 0.039 | 0.040 | 0.042 |
| Blair Street* | | 0.098 | 0.042 | 0.038 | 0.042 | 0.041 | 0.031 | 0.038 | 0.040 | 0.042 |
| Foley West [^] | | 0.083 | 0.044 | 0.042 | 0.045 | 0.046 | 0.035 | 0.037 | 0.042 | 0.043 |
| Maryland Heights | | 0.076 | 0.042 | 0.041 | 0.045 | 0.046 | 0.036 | 0.038 | 0.041 | 0.043 |
| Orchard Farm | | 0.080 | 0.043 | 0.041 | 0.043 | 0.043 | 0.034 | 0.036 | 0.040 | 0.040 |
| Pacific | | 0.076 | 0.042 | 0.043 | 0.047 | 0.046 | 0.034 | 0.040 | 0.043 | 0.043 |
| West Alton | | 0.084 | 0.042 | 0.043 | 0.045 | 0.045 | 0.035 | 0.039 | 0.042 | 0.042 |
| <i>Ste. Genevieve</i> | | | | | | | | | | |
| | 0.069 | | | | | | | | | |
| Bonne Terre | | 0.069 | 0.042 | 0.042 | 0.048 | 0.048 | 0.040 | 0.041 | 0.043 | 0.045 |
| <i>Southeast</i> | | | | | | | | | | |
| | 0.076 | | | | | | | | | |
| Farrar | | 0.076 | 0.040 | 0.045 | 0.047 | 0.050 | 0.039 | 0.042 | 0.043 | 0.043 |
| <i>Kansas City</i> | | | | | | | | | | |
| | 0.084 | | | | | | | | | |
| Liberty | | 0.078 | 0.043 | 0.044 | 0.049 | 0.042 | 0.042 | 0.041 | 0.040 | 0.042 |
| RG South | | 0.069 | 0.041 | 0.045 | 0.050 | 0.042 | 0.041 | 0.042 | 0.041 | 0.044 |
| Rocky Creek | | 0.084 | 0.042 | 0.045 | 0.050 | 0.043 | 0.042 | 0.041 | 0.040 | 0.041 |
| Trimble | | 0.083 | 0.041 | 0.044 | 0.048 | 0.042 | 0.040 | 0.041 | 0.041 | 0.042 |
| Watkins Mill | | 0.077 | 0.040 | 0.043 | 0.046 | 0.040 | 0.039 | 0.040 | 0.040 | 0.042 |
| <i>Springfield</i> | | | | | | | | | | |
| | 0.068 | | | | | | | | | |
| Fellows Lake | | 0.068 | 0.046 | 0.046 | 0.052 | 0.044 | 0.043 | 0.041 | 0.045 | 0.045 |
| Hillcrest H.S. | | 0.066 | 0.046 | 0.044 | 0.049 | 0.042 | 0.042 | 0.041 | 0.045 | 0.047 |
| <i>Outstate</i> | | | | | | | | | | |
| | 0.072 | | | | | | | | | |
| Alba | | 0.067 | 0.044 | 0.047 | 0.052 | 0.043 | 0.043 | 0.042 | 0.044 | 0.047 |
| Branson [†] | | 0.000 | - | - | - | - | - | - | - | - |
| El Dorado Springs | | 0.065 | 0.045 | 0.046 | 0.050 | 0.042 | 0.043 | 0.042 | 0.044 | 0.048 |
| Finger Lakes | | 0.072 | 0.042 | 0.045 | 0.049 | 0.046 | 0.039 | 0.039 | 0.043 | 0.044 |
| Mark Twain* | | 0.071 | 0.043 | 0.043 | 0.044 | 0.046 | 0.034 | 0.037 | 0.041 | 0.042 |
| New Bloomfield | | 0.067 | 0.043 | 0.044 | 0.049 | 0.045 | 0.039 | 0.039 | 0.042 | 0.046 |
| Savannah | | 0.072 | 0.042 | 0.046 | 0.050 | 0.043 | 0.041 | 0.041 | 0.040 | 0.044 |

[^]All the 2018 data have not been quality assured and the values are preliminary. Do not cite or quote.

*Year-round ozone monitoring.

[^]Monitor relocated less than a mile east of the previous site (within the same neighborhood scale of representativeness). Monitoring began on March 1, 2017.

Averages in red or bold exceed the 2015 standard.

Ozone season is from March 1 to October 31.

[†]Monitoring discontinued on Oct. 31, 2017.

Cont.

**Daily 2018 Maximum Average Eight-Hour Concentration
of Ground-Level Ozone in Parts per Million**

(Since March 1, 2018, beginning of ozone season)

| | 9-Mar | 10-Mar | 11-Mar | 12-Mar | 13-Mar | 14-Mar | 15-Mar | 16-Mar | 17-Mar | 18-Mar | 19-Mar |
|------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <u>St. Louis</u> | | | | | | | | | | | |
| Arnold West | 0.044 | 0.047 | 0.034 | 0.040 | 0.046 | 0.049 | 0.060 | 0.042 | 0.023 | 0.035 | 0.040 |
| Blair Street* | 0.038 | 0.045 | 0.030 | 0.038 | 0.047 | 0.044 | 0.064 | 0.037 | 0.025 | 0.035 | 0.039 |
| Foley West^ | 0.043 | 0.047 | 0.038 | 0.045 | 0.046 | 0.049 | 0.065 | 0.041 | 0.023 | 0.039 | 0.043 |
| Maryland Heights | 0.043 | 0.045 | 0.036 | 0.040 | 0.047 | 0.047 | 0.064 | 0.040 | 0.024 | 0.035 | 0.040 |
| Orchard Farm | 0.043 | 0.042 | 0.033 | 0.043 | 0.045 | 0.044 | 0.061 | 0.039 | 0.023 | 0.038 | 0.042 |
| Pacific | 0.045 | 0.047 | 0.036 | 0.039 | 0.048 | 0.048 | 0.063 | 0.043 | 0.024 | 0.032 | 0.041 |
| West Alton | 0.044 | 0.046 | 0.035 | 0.041 | 0.045 | 0.045 | 0.061 | 0.041 | 0.028 | 0.039 | 0.043 |
| <u>Ste. Genevieve</u> | | | | | | | | | | | |
| Bonne Terre | 0.042 | 0.045 | 0.038 | 0.037 | 0.049 | 0.048 | 0.069 | 0.042 | 0.027 | 0.029 | 0.041 |
| <u>Southeast</u> | | | | | | | | | | | |
| Farrar | 0.037 | 0.045 | 0.038 | 0.035 | 0.048 | 0.048 | 0.060 | 0.043 | 0.031 | 0.032 | 0.041 |
| <u>Kansas City</u> | | | | | | | | | | | |
| Liberty | 0.049 | 0.043 | 0.033 | 0.049 | 0.045 | 0.051 | 0.065 | 0.040 | 0.027 | 0.030 | 0.038 |
| RG South | 0.053 | 0.043 | 0.033 | 0.046 | 0.044 | 0.051 | 0.065 | 0.041 | 0.028 | 0.032 | 0.035 |
| Rocky Creek | 0.050 | 0.044 | 0.035 | 0.049 | 0.045 | 0.050 | 0.065 | 0.042 | 0.029 | 0.030 | 0.040 |
| Trimble | 0.048 | 0.043 | 0.035 | 0.047 | 0.045 | 0.051 | 0.069 | 0.041 | 0.026 | 0.030 | 0.041 |
| Watkins Mill | 0.045 | 0.041 | 0.034 | 0.046 | 0.042 | 0.049 | 0.064 | 0.040 | 0.025 | 0.029 | 0.037 |
| <u>Springfield</u> | | | | | | | | | | | |
| Fellows Lake | 0.056 | 0.041 | 0.037 | 0.037 | 0.049 | 0.052 | 0.063 | 0.055 | 0.030 | 0.039 | 0.037 |
| Hillcrest H.S. | 0.053 | 0.040 | 0.038 | 0.037 | 0.049 | 0.048 | 0.061 | 0.052 | 0.031 | 0.038 | 0.037 |
| <u>Outstate</u> | | | | | | | | | | | |
| Alba | 0.057 | 0.047 | 0.034 | 0.038 | 0.053 | 0.054 | 0.066 | 0.052 | 0.037 | 0.035 | 0.034 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.057 | 0.044 | 0.036 | 0.041 | 0.047 | 0.053 | 0.065 | 0.052 | 0.030 | 0.037 | 0.034 |
| Finger Lakes | 0.045 | 0.046 | 0.038 | 0.049 | 0.046 | 0.049 | 0.064 | 0.044 | 0.027 | 0.034 | 0.045 |
| Mark Twain* | 0.042 | 0.044 | 0.039 | 0.046 | 0.044 | 0.048 | 0.060 | 0.040 | 0.024 | 0.038 | 0.037 |
| New Bloomfield | 0.046 | 0.046 | 0.039 | 0.045 | 0.048 | 0.051 | 0.065 | 0.043 | 0.026 | 0.033 | 0.041 |
| Savannah | 0.047 | 0.043 | 0.038 | 0.048 | 0.044 | 0.053 | 0.063 | 0.041 | 0.027 | 0.031 | 0.046 |

Cont.

**Daily 2018 Maximum Average Eight-Hour Concentration
of Ground-Level Ozone in Parts per Million**

(Since March 1, 2018, beginning of ozone season)

| | 20-Mar | 21-Mar | 22-Mar | 23-Mar | 24-Mar | 25-Mar | 26-Mar | 27-Mar | 28-Mar | 29-Mar | 30-Mar |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <u>St. Louis</u> | | | | | | | | | | | |
| Arnold West | 0.038 | 0.044 | 0.038 | 0.041 | 0.038 | 0.040 | 0.034 | 0.021 | 0.021 | 0.029 | 0.045 |
| Blair Street* | 0.036 | 0.046 | 0.033 | 0.040 | 0.039 | 0.041 | 0.026 | 0.023 | 0.021 | 0.030 | 0.045 |
| Foley West^ | 0.041 | 0.046 | 0.041 | 0.039 | 0.040 | 0.043 | 0.039 | 0.029 | 0.028 | 0.034 | 0.044 |
| Maryland Heights | 0.040 | 0.045 | 0.038 | 0.038 | 0.039 | 0.042 | 0.035 | 0.024 | 0.024 | 0.030 | 0.045 |
| Orchard Farm | 0.040 | 0.044 | 0.041 | 0.041 | 0.041 | 0.044 | 0.036 | 0.029 | 0.029 | 0.033 | 0.043 |
| Pacific | 0.043 | 0.046 | 0.037 | 0.041 | 0.038 | 0.040 | 0.030 | 0.021 | 0.021 | 0.032 | 0.046 |
| West Alton | 0.041 | 0.044 | 0.042 | 0.042 | 0.042 | 0.046 | 0.037 | 0.029 | 0.029 | 0.034 | 0.044 |
| <u>Ste. Genevieve</u> | | | | | | | | | | | |
| Bonne Terre | 0.042 | 0.046 | 0.043 | 0.038 | 0.037 | 0.039 | 0.031 | 0.024 | 0.025 | 0.032 | 0.046 |
| <u>Southeast</u> | | | | | | | | | | | |
| Farrar | 0.037 | 0.048 | 0.045 | 0.044 | 0.040 | 0.039 | 0.031 | 0.026 | 0.024 | 0.029 | 0.045 |
| <u>Kansas City</u> | | | | | | | | | | | |
| Liberty | 0.039 | 0.045 | 0.046 | 0.037 | 0.030 | 0.031 | 0.026 | 0.027 | 0.017 | 0.034 | 0.047 |
| RG South | 0.036 | 0.046 | 0.053 | 0.039 | 0.032 | 0.035 | 0.029 | 0.025 | 0.022 | 0.025 | 0.045 |
| Rocky Creek | 0.039 | 0.044 | 0.051 | 0.038 | 0.033 | 0.035 | 0.028 | 0.028 | 0.022 | 0.033 | 0.047 |
| Trimble | 0.040 | 0.046 | 0.047 | 0.037 | 0.032 | 0.034 | 0.030 | 0.027 | 0.023 | 0.035 | 0.047 |
| Watkins Mill | 0.037 | 0.042 | 0.045 | 0.036 | 0.033 | 0.034 | 0.030 | 0.027 | 0.022 | 0.033 | 0.045 |
| <u>Springfield</u> | | | | | | | | | | | |
| Fellows Lake | 0.046 | 0.041 | 0.047 | 0.049 | 0.042 | 0.037 | 0.031 | 0.027 | 0.020 | 0.031 | 0.045 |
| Hillcrest H.S. | 0.045 | 0.042 | 0.044 | 0.045 | 0.040 | 0.037 | 0.029 | 0.018 | 0.020 | 0.031 | 0.043 |
| <u>Outstate</u> | | | | | | | | | | | |
| Alba | 0.041 | 0.046 | 0.055 | 0.052 | 0.038 | 0.035 | 0.031 | 0.024 | 0.021 | 0.034 | 0.046 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.042 | 0.048 | 0.053 | 0.049 | 0.036 | 0.035 | 0.029 | 0.025 | 0.020 | 0.033 | 0.047 |
| Finger Lakes | 0.044 | 0.046 | 0.042 | 0.039 | 0.036 | 0.037 | 0.035 | 0.033 | 0.024 | 0.039 | 0.045 |
| Mark Twain* | 0.038 | 0.045 | 0.039 | 0.039 | 0.037 | 0.040 | 0.036 | 0.033 | 0.024 | 0.036 | 0.043 |
| New Bloomfield | 0.040 | 0.044 | 0.041 | 0.037 | 0.036 | 0.037 | 0.034 | 0.028 | 0.022 | 0.034 | 0.045 |
| Savannah | 0.034 | 0.047 | 0.050 | 0.035 | 0.033 | 0.034 | 0.030 | 0.027 | 0.032 | 0.041 | 0.047 |

Cont.

**Daily 2018 Maximum Average Eight-Hour Concentration
of Ground-Level Ozone in Parts per Million**

(Since March 1, 2018, beginning of ozone season)

| | 31-Mar | 1-Apr | 2-Apr | 3-Apr | 4-Apr | 5-Apr | 6-Apr | 7-Apr | 8-Apr | 9-Apr | 10-Apr |
|------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.039 | 0.036 | 0.036 | 0.039 | 0.043 | 0.046 | 0.045 | 0.039 | 0.042 | 0.041 | 0.046 |
| Blair Street* | 0.033 | 0.036 | 0.032 | 0.042 | 0.044 | 0.044 | 0.045 | 0.039 | 0.042 | 0.041 | 0.046 |
| Foley West^ | 0.038 | 0.039 | 0.043 | 0.042 | 0.042 | 0.048 | 0.046 | 0.039 | 0.041 | 0.042 | 0.045 |
| Maryland Heights | 0.037 | 0.037 | 0.038 | 0.042 | 0.044 | 0.048 | 0.047 | 0.039 | 0.042 | 0.041 | 0.047 |
| Orchard Farm | 0.036 | 0.038 | 0.040 | 0.042 | 0.040 | 0.042 | 0.045 | 0.037 | 0.039 | 0.038 | 0.046 |
| Pacific | 0.038 | 0.038 | 0.035 | 0.039 | 0.045 | 0.049 | 0.048 | 0.043 | 0.041 | 0.042 | 0.047 |
| West Alton | 0.038 | 0.039 | 0.041 | 0.044 | 0.042 | 0.044 | 0.047 | 0.040 | 0.043 | 0.043 | 0.047 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.041 | 0.036 | 0.032 | 0.040 | 0.044 | 0.050 | 0.047 | 0.043 | 0.044 | 0.047 | 0.048 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.044 | 0.038 | 0.037 | 0.039 | 0.042 | 0.048 | 0.047 | 0.044 | 0.045 | 0.048 | 0.046 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.040 | 0.038 | 0.034 | 0.037 | 0.043 | 0.059 | 0.046 | 0.045 | 0.034 | 0.030 | 0.044 |
| RG South | 0.038 | 0.040 | 0.038 | 0.037 | 0.044 | 0.058 | 0.045 | 0.041 | 0.038 | 0.028 | 0.045 |
| Rocky Creek | 0.039 | 0.042 | 0.038 | 0.037 | 0.042 | 0.060 | 0.046 | 0.042 | 0.037 | 0.031 | 0.047 |
| Trimble | 0.039 | 0.042 | 0.037 | 0.036 | 0.043 | 0.060 | 0.045 | 0.042 | 0.037 | 0.031 | 0.043 |
| Watkins Mill | 0.038 | 0.040 | 0.037 | 0.036 | 0.042 | 0.055 | 0.043 | 0.044 | 0.040 | 0.031 | 0.043 |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.037 | 0.037 | 0.030 | 0.036 | 0.046 | 0.047 | 0.047 | 0.042 | 0.038 | 0.039 | 0.041 |
| Hillcrest H.S. | 0.037 | 0.036 | 0.028 | 0.037 | 0.046 | 0.045 | 0.047 | 0.042 | 0.036 | 0.039 | 0.041 |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.045 | 0.038 | 0.031 | 0.035 | 0.048 | 0.052 | 0.046 | 0.042 | 0.041 | 0.038 | 0.044 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.044 | 0.037 | 0.032 | 0.035 | 0.047 | 0.052 | 0.047 | 0.042 | 0.037 | 0.034 | 0.043 |
| Finger Lakes | 0.040 | 0.038 | 0.039 | 0.039 | 0.044 | 0.051 | 0.051 | 0.042 | 0.043 | 0.041 | 0.044 |
| Mark Twain* | 0.040 | 0.039 | 0.043 | 0.041 | 0.042 | 0.050 | 0.045 | 0.040 | 0.039 | 0.038 | 0.043 |
| New Bloomfield | 0.037 | 0.039 | 0.037 | 0.040 | 0.045 | 0.051 | 0.047 | 0.042 | 0.042 | 0.037 | 0.043 |
| Savannah | 0.040 | 0.041 | 0.038 | 0.037 | 0.044 | 0.056 | 0.044 | 0.044 | 0.037 | 0.029 | 0.044 |

Cont.

**Daily 2018 Maximum Average Eight-Hour Concentration
of Ground-Level Ozone in Parts per Million**

(Since March 1, 2018, beginning of ozone season)

| | 11-Apr | 12-Apr | 13-Apr | 14-Apr | 15-Apr | 16-Apr | 17-Apr | 18-Apr | 19-Apr | 20-Apr | 21-Apr |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.048 | 0.056 | 0.049 | 0.047 | 0.040 | 0.046 | 0.050 | 0.050 | 0.049 | 0.053 | 0.057 |
| Blair Street* | 0.049 | 0.058 | 0.047 | 0.049 | 0.041 | 0.046 | 0.051 | 0.049 | 0.048 | 0.046 | 0.055 |
| Foley West^ | 0.051 | 0.062 | 0.049 | 0.047 | 0.041 | 0.046 | 0.053 | 0.043 | 0.052 | 0.051 | 0.057 |
| Maryland Heights | 0.050 | 0.061 | 0.050 | 0.048 | 0.040 | 0.046 | 0.052 | 0.048 | 0.050 | 0.051 | 0.058 |
| Orchard Farm | 0.051 | 0.060 | 0.050 | 0.050 | 0.042 | 0.046 | 0.052 | 0.045 | 0.050 | 0.052 | 0.057 |
| Pacific | 0.050 | 0.059 | 0.049 | 0.049 | 0.041 | 0.047 | 0.051 | 0.051 | 0.049 | 0.054 | 0.058 |
| West Alton | 0.051 | 0.061 | 0.048 | 0.049 | 0.041 | 0.044 | 0.055 | 0.045 | 0.050 | 0.050 | 0.056 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.050 | 0.058 | 0.053 | 0.052 | 0.040 | 0.048 | 0.054 | 0.057 | 0.048 | 0.055 | 0.057 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.048 | 0.058 | 0.053 | 0.053 | 0.040 | 0.048 | 0.056 | 0.059 | 0.051 | 0.057 | 0.059 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.063 | 0.059 | 0.047 | 0.035 | 0.041 | 0.053 | 0.051 | 0.045 | 0.053 | 0.056 | 0.056 |
| RG South | 0.061 | 0.056 | 0.048 | 0.038 | 0.042 | 0.055 | 0.052 | 0.045 | 0.053 | 0.055 | 0.055 |
| Rocky Creek | 0.064 | 0.060 | 0.047 | 0.039 | 0.040 | 0.053 | 0.054 | 0.045 | 0.053 | 0.056 | 0.055 |
| Trimble | 0.063 | m | m | m | m | m | m | 0.044 | 0.052 | 0.055 | 0.054 |
| Watkins Mill | 0.059 | 0.055 | 0.043 | 0.035 | 0.039 | 0.051 | 0.051 | 0.043 | 0.050 | 0.054 | 0.053 |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.055 | 0.056 | 0.048 | 0.038 | 0.044 | 0.055 | 0.056 | 0.050 | 0.050 | 0.057 | 0.063 |
| Hillcrest H.S. | 0.051 | 0.055 | 0.047 | 0.037 | 0.041 | 0.054 | 0.053 | 0.050 | 0.049 | 0.057 | 0.059 |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.056 | 0.054 | 0.048 | 0.040 | 0.045 | 0.055 | 0.055 | 0.052 | 0.050 | 0.058 | 0.051 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.055 | 0.055 | 0.047 | 0.038 | 0.041 | 0.056 | 0.055 | 0.048 | 0.051 | 0.064 | 0.058 |
| Finger Lakes | 0.053 | 0.061 | 0.049 | 0.038 | 0.040 | 0.049 | 0.055 | 0.044 | 0.050 | 0.053 | 0.058 |
| Mark Twain* | 0.053 | 0.059 | 0.042 | 0.038 | 0.040 | 0.047 | 0.055 | 0.043 | 0.052 | 0.052 | 0.054 |
| New Bloomfield | 0.052 | 0.059 | 0.048 | 0.039 | 0.040 | 0.050 | 0.053 | 0.044 | 0.052 | 0.054 | 0.059 |
| Savannah | 0.058 | 0.063 | 0.041 | 0.038 | 0.040 | 0.051 | 0.053 | 0.043 | 0.052 | 0.054 | 0.049 |

Cont.

Daily 2018 Maximum Average Eight-Hour Concentration of Ground-Level Ozone in Parts per Million

(Since March 1, 2018, beginning of ozone season)

| | 22-Apr | 23-Apr | 24-Apr | 25-Apr | 26-Apr | 27-Apr | 28-Apr | 29-Apr | 30-Apr | 1-May | 2-May |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.044 | 0.039 | 0.051 | 0.046 | 0.058 | 0.054 | 0.047 | 0.052 | 0.056 | 0.061 | 0.052 |
| Blair Street* | 0.040 | 0.032 | 0.045 | 0.050 | 0.060 | 0.056 | 0.046 | 0.054 | 0.057 | 0.065 | 0.048 |
| Foley West^ | 0.048 | 0.046 | 0.062 | 0.045 | 0.060 | 0.053 | 0.038 | 0.054 | 0.061 | 0.059 | 0.052 |
| Maryland Heights | 0.046 | 0.039 | 0.055 | 0.047 | 0.059 | 0.055 | 0.046 | 0.053 | 0.059 | 0.062 | 0.054 |
| Orchard Farm | 0.042 | 0.042 | 0.059 | 0.047 | 0.058 | 0.054 | 0.045 | 0.054 | 0.059 | 0.061 | 0.049 |
| Pacific | 0.045 | 0.040 | 0.055 | 0.049 | 0.052 | 0.055 | 0.049 | 0.053 | 0.061 | 0.061 | 0.047 |
| West Alton | 0.048 | 0.040 | 0.052 | 0.047 | 0.057 | 0.053 | 0.045 | 0.054 | 0.060 | 0.065 | 0.049 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.046 | 0.045 | 0.045 | 0.050 | 0.054 | 0.056 | 0.051 | 0.052 | 0.059 | 0.063 | 0.052 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.049 | 0.046 | 0.044 | 0.056 | 0.059 | 0.058 | 0.048 | 0.055 | 0.061 | 0.064 | 0.048 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.053 | 0.061 | 0.068 | 0.032 | 0.058 | 0.054 | 0.051 | 0.049 | 0.063 | 0.048 | 0.039 |
| RG South | 0.048 | 0.061 | 0.069 | 0.033 | 0.057 | 0.053 | 0.052 | 0.049 | 0.060 | 0.048 | 0.040 |
| Rocky Creek | 0.053 | 0.059 | 0.067 | 0.033 | 0.056 | 0.052 | 0.050 | 0.049 | 0.062 | 0.049 | 0.038 |
| Trimble | 0.051 | 0.059 | 0.067 | 0.036 | 0.057 | 0.055 | 0.049 | 0.049 | 0.063 | 0.049 | 0.037 |
| Watkins Mill | 0.050 | 0.056 | 0.064 | 0.033 | 0.054 | 0.029 | m | m | m | m | m |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.049 | 0.050 | 0.063 | 0.045 | 0.048 | 0.051 | 0.051 | 0.051 | 0.057 | 0.054 | 0.048 |
| Hillcrest H.S. | 0.047 | 0.052 | 0.064 | 0.044 | 0.047 | 0.050 | 0.053 | 0.050 | 0.056 | 0.052 | 0.046 |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.047 | 0.059 | 0.066 | 0.048 | 0.054 | 0.052 | 0.054 | 0.051 | 0.060 | 0.054 | 0.043 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.045 | 0.059 | 0.065 | 0.036 | 0.057 | 0.053 | 0.052 | 0.050 | 0.060 | 0.048 | 0.041 |
| Finger Lakes | 0.050 | 0.060 | 0.051 | 0.040 | 0.058 | 0.055 | 0.047 | 0.054 | 0.059 | 0.057 | 0.050 |
| Mark Twain* | 0.052 | 0.058 | 0.062 | 0.039 | 0.055 | 0.050 | 0.042 | 0.052 | 0.054 | 0.053 | 0.047 |
| New Bloomfield | 0.048 | 0.054 | 0.059 | 0.042 | 0.057 | 0.056 | 0.047 | 0.052 | 0.057 | 0.057 | 0.052 |
| Savannah | 0.056 | 0.059 | 0.066 | 0.041 | 0.057 | 0.056 | 0.050 | 0.050 | 0.062 | 0.046 | 0.037 |

Cont.

Daily 2018 Maximum Average Eight-Hour Concentration of Ground-Level Ozone in Parts per Million

(Since March 1, 2018, beginning of ozone season)

| | 3-May | 4-May | 5-May | 6-May | 7-May | 8-May | 9-May | 10-May | 11-May | 12-May | 13-May |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| <u>St. Louis</u> | | | | | | | | | | | |
| Arnold West | 0.036 | 0.046 | 0.063 | 0.057 | 0.059 | 0.065 | 0.057 | 0.059 | 0.056 | 0.048 | 0.042 |
| Blair Street* | 0.039 | 0.050 | 0.065 | 0.063 | 0.055 | 0.061 | 0.059 | 0.066 | 0.059 | 0.051 | 0.049 |
| Foley West^ | 0.035 | m | m | m | m | m | m | 0.062 | 0.055 | 0.046 | 0.045 |
| Maryland Heights | 0.037 | 0.049 | 0.064 | 0.058 | 0.057 | 0.065 | 0.059 | 0.061 | 0.058 | 0.049 | 0.048 |
| Orchard Farm | 0.038 | 0.053 | 0.064 | 0.058 | 0.057 | 0.066 | 0.060 | 0.063 | 0.057 | 0.051 | 0.047 |
| Pacific | 0.038 | 0.049 | 0.062 | 0.056 | 0.060 | 0.065 | 0.059 | 0.060 | 0.056 | 0.047 | 0.044 |
| West Alton | 0.038 | 0.051 | 0.061 | 0.056 | 0.057 | 0.065 | 0.060 | 0.064 | 0.060 | 0.052 | 0.050 |
| <u>Ste. Genevieve</u> | | | | | | | | | | | |
| Bonne Terre | 0.041 | 0.047 | 0.058 | 0.058 | 0.056 | 0.063 | 0.057 | 0.057 | 0.059 | 0.047 | 0.042 |
| <u>Southeast</u> | | | | | | | | | | | |
| Farrar | 0.037 | 0.049 | 0.065 | 0.058 | 0.058 | 0.068 | 0.059 | 0.058 | 0.064 | 0.050 | 0.041 |
| <u>Kansas City</u> | | | | | | | | | | | |
| Liberty | 0.039 | 0.055 | 0.060 | 0.057 | 0.064 | 0.061 | 0.058 | 0.069 | 0.050 | 0.043 | 0.050 |
| RG South | 0.038 | 0.058 | 0.060 | 0.061 | 0.063 | 0.063 | m | m | 0.049 | 0.040 | 0.045 |
| Rocky Creek | 0.040 | 0.052 | 0.059 | 0.056 | 0.064 | 0.062 | 0.057 | 0.067 | 0.051 | 0.044 | 0.049 |
| Trimble | 0.041 | 0.053 | 0.059 | 0.055 | 0.062 | 0.060 | 0.057 | 0.068 | 0.052 | 0.045 | 0.050 |
| Watkins Mill | 0.038 | 0.056 | 0.062 | 0.058 | 0.065 | 0.063 | 0.059 | 0.071 | 0.051 | 0.042 | 0.051 |
| <u>Springfield</u> | | | | | | | | | | | |
| Fellows Lake | 0.030 | 0.047 | 0.059 | 0.062 | 0.061 | 0.056 | 0.064 | 0.052 | 0.052 | 0.041 | 0.044 |
| Hillcrest H.S. | 0.028 | 0.047 | 0.060 | 0.061 | 0.063 | 0.055 | 0.063 | 0.046 | 0.051 | 0.040 | 0.043 |
| <u>Outstate</u> | | | | | | | | | | | |
| Alba | 0.034 | 0.052 | 0.060 | 0.062 | 0.065 | 0.066 | 0.067 | 0.054 | 0.052 | 0.038 | 0.044 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.033 | 0.053 | 0.062 | 0.060 | 0.057 | 0.059 | 0.061 | 0.049 | 0.046 | 0.038 | 0.043 |
| Finger Lakes | 0.032 | 0.057 | 0.063 | 0.058 | 0.060 | 0.061 | 0.063 | 0.060 | 0.053 | 0.042 | 0.047 |
| Mark Twain* | 0.026 | 0.053 | 0.060 | 0.053 | 0.054 | 0.062 | 0.057 | 0.059 | 0.049 | 0.037 | 0.044 |
| New Bloomfield | 0.031 | 0.055 | 0.064 | 0.060 | 0.061 | 0.060 | 0.060 | 0.060 | 0.052 | 0.042 | 0.045 |
| Savannah | 0.040 | 0.056 | 0.057 | 0.054 | 0.060 | m | m | m | m | 0.047 | 0.043 |

Cont.

Daily 2018 Maximum Average Eight-Hour Concentration of Ground-Level Ozone in Parts per Million

(Since March 1, 2018, beginning of ozone season)

| | 14-May | 15-May | 16-May | 17-May | 18-May | 19-May | 20-May | 21-May | 22-May | 23-May | 24-May |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.041 | 0.050 | 0.066 | 0.055 | 0.031 | 0.046 | 0.057 | 0.037 | 0.060 | 0.065 | 0.068 |
| Blair Street* | 0.050 | 0.046 | 0.059 | 0.053 | 0.030 | 0.056 | 0.052 | 0.042 | 0.056 | 0.061 | 0.073 |
| Foley West^ | 0.043 | 0.041 | 0.053 | 0.054 | 0.034 | 0.041 | 0.046 | 0.037 | 0.050 | 0.060 | 0.077 |
| Maryland Heights | 0.046 | 0.045 | 0.054 | 0.058 | 0.034 | 0.045 | 0.055 | 0.039 | 0.054 | 0.067 | 0.070 |
| Orchard Farm | 0.047 | 0.045 | 0.056 | 0.061 | 0.038 | 0.054 | 0.051 | 0.045 | 0.052 | 0.059 | 0.080 |
| Pacific | 0.043 | 0.039 | 0.059 | 0.058 | 0.033 | 0.045 | 0.055 | 0.036 | 0.054 | 0.071 | 0.073 |
| West Alton | 0.050 | 0.042 | 0.055 | 0.058 | 0.035 | 0.051 | 0.051 | 0.046 | 0.052 | 0.062 | 0.076 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.042 | 0.042 | 0.061 | 0.040 | 0.044 | 0.047 | 0.052 | 0.038 | 0.055 | 0.063 | 0.062 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.044 | 0.045 | 0.055 | 0.048 | 0.038 | 0.045 | 0.044 | 0.046 | 0.064 | 0.060 | 0.063 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.045 | 0.039 | 0.049 | 0.059 | 0.066 | 0.051 | 0.046 | 0.031 | 0.058 | 0.047 | 0.045 |
| RG South | 0.042 | 0.056 | 0.055 | 0.061 | 0.061 | 0.047 | 0.047 | 0.038 | 0.052 | 0.046 | 0.047 |
| Rocky Creek | 0.047 | 0.038 | 0.047 | 0.062 | 0.064 | 0.051 | 0.042 | 0.029 | 0.063 | 0.055 | 0.050 |
| Trimble | 0.049 | 0.037 | 0.048 | 0.061 | 0.063 | 0.055 | 0.043 | 0.031 | 0.062 | 0.050 | 0.051 |
| Watkins Mill | 0.045 | 0.038 | 0.046 | 0.057 | 0.063 | 0.047 | 0.041 | 0.024 | 0.056 | 0.045 | 0.045 |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.042 | 0.044 | 0.048 | 0.047 | 0.051 | 0.042 | 0.043 | 0.044 | 0.044 | 0.039 | 0.046 |
| Hillcrest H.S. | 0.040 | 0.042 | 0.049 | 0.051 | 0.055 | m | m | 0.045 | 0.052 | 0.040 | 0.050 |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.045 | 0.045 | 0.048 | 0.051 | 0.056 | 0.049 | 0.045 | 0.044 | 0.050 | 0.043 | 0.042 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.042 | 0.041 | 0.047 | 0.052 | 0.053 | 0.046 | 0.046 | 0.038 | 0.043 | 0.042 | 0.041 |
| Finger Lakes | 0.036 | 0.050 | 0.052 | 0.054 | 0.044 | 0.044 | 0.044 | 0.043 | 0.050 | 0.052 | 0.052 |
| Mark Twain* | 0.038 | 0.042 | 0.050 | 0.051 | 0.027 | 0.040 | 0.039 | 0.042 | 0.050 | 0.056 | 0.063 |
| New Bloomfield | 0.039 | 0.051 | 0.052 | 0.040 | 0.045 | 0.044 | 0.043 | 0.040 | 0.053 | 0.050 | 0.052 |
| Savannah | 0.048 | 0.043 | 0.047 | 0.063 | 0.066 | 0.059 | 0.039 | 0.038 | 0.063 | 0.057 | 0.055 |

Cont.

Daily 2018 Maximum Average Eight-Hour Concentration of Ground-Level Ozone in Parts per Million

(Since March 1, 2018, beginning of ozone season)

| | 25-May | 26-May | 27-May | 28-May | 29-May | 30-May | 31-May | 1-Jun | 2-Jun | 3-Jun | 4-Jun |
|------------------------------|--------|--------|--------|--------------|--------------|--------------|--------|--------------|-------|-------|-------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.041 | 0.049 | 0.050 | 0.070 | 0.038 | 0.051 | 0.046 | 0.066 | 0.036 | 0.051 | 0.053 |
| Blair Street* | 0.050 | 0.066 | 0.062 | 0.075 | 0.041 | 0.059 | 0.056 | 0.084 | 0.043 | 0.054 | 0.054 |
| Foley West^ | 0.044 | 0.055 | 0.054 | 0.068 | 0.043 | 0.065 | 0.049 | 0.064 | 0.039 | 0.051 | 0.052 |
| Maryland Heights | 0.046 | 0.062 | 0.055 | 0.073 | 0.043 | 0.058 | 0.051 | 0.064 | 0.038 | 0.052 | 0.051 |
| Orchard Farm | 0.050 | 0.064 | 0.060 | 0.073 | 0.042 | 0.057 | 0.056 | 0.067 | 0.044 | 0.054 | 0.054 |
| Pacific | 0.040 | 0.052 | 0.053 | 0.071 | 0.042 | 0.053 | 0.045 | 0.064 | 0.035 | 0.053 | 0.053 |
| West Alton | 0.056 | 0.068 | 0.060 | 0.075 | 0.044 | 0.055 | 0.058 | 0.063 | 0.043 | 0.049 | 0.051 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.044 | 0.049 | 0.051 | 0.069 | 0.035 | 0.051 | 0.038 | 0.060 | 0.037 | 0.050 | 0.051 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.046 | 0.041 | 0.045 | 0.066 | 0.032 | 0.037 | 0.043 | 0.052 | 0.050 | 0.055 | 0.057 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.067 | 0.066 | 0.067 | 0.059 | 0.069 | 0.071 | 0.066 | 0.065 | 0.055 | 0.054 | 0.044 |
| RG South | 0.055 | 0.057 | 0.063 | 0.056 | 0.064 | 0.069 | 0.062 | 0.052 | 0.053 | 0.050 | 0.052 |
| Rocky Creek | 0.062 | 0.061 | 0.064 | 0.061 | 0.073 | 0.069 | 0.063 | 0.072 | 0.052 | 0.051 | 0.044 |
| Trimble | 0.062 | 0.064 | 0.064 | 0.059 | 0.069 | 0.068 | 0.062 | 0.068 | 0.052 | 0.052 | 0.042 |
| Watkins Mill | 0.066 | 0.062 | 0.063 | 0.055 | 0.068 | 0.069 | 0.059 | 0.063 | 0.049 | 0.048 | 0.036 |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.048 | 0.062 | 0.046 | 0.043 | 0.056 | 0.068 | 0.046 | 0.052 | 0.038 | 0.047 | 0.054 |
| Hillcrest H.S. | 0.051 | 0.066 | 0.051 | 0.047 | 0.060 | 0.066 | 0.048 | 0.062 | 0.040 | 0.049 | 0.057 |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.056 | 0.062 | 0.051 | 0.049 | 0.066 | 0.065 | 0.047 | 0.056 | 0.048 | 0.047 | 0.054 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.050 | 0.058 | 0.049 | 0.040 | 0.059 | 0.064 | 0.047 | 0.047 | 0.048 | 0.045 | 0.047 |
| Finger Lakes | 0.045 | 0.054 | 0.062 | 0.063 | 0.061 | 0.072 | 0.047 | 0.064 | 0.046 | 0.049 | 0.047 |
| Mark Twain* | 0.046 | 0.057 | 0.055 | 0.062 | 0.054 | 0.071 | 0.051 | 0.063 | 0.048 | 0.051 | 0.051 |
| New Bloomfield | 0.043 | 0.056 | 0.056 | 0.065 | 0.054 | 0.067 | 0.050 | 0.063 | 0.049 | 0.052 | 0.052 |
| Savannah | 0.065 | 0.069 | 0.065 | 0.064 | 0.068 | 0.067 | 0.062 | 0.072 | 0.056 | 0.055 | 0.048 |

Cont.

Daily 2018 Maximum Average Eight-Hour Concentration of Ground-Level Ozone in Parts per Million

(Since March 1, 2018, beginning of ozone season)

| | 5-Jun | 6-Jun | 7-Jun | 8-Jun | 9-Jun | 10-Jun | 11-Jun | 12-Jun | 13-Jun | 14-Jun | 15-Jun |
|------------------------------|--------------|--------------|-------|--------------|-------|--------|--------|--------|--------|--------|--------------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.066 | 0.067 | 0.050 | 0.058 | 0.035 | 0.043 | 0.038 | 0.054 | 0.058 | 0.057 | 0.054 |
| Blair Street* | 0.075 | 0.098 | 0.063 | 0.073 | 0.042 | 0.050 | 0.057 | 0.067 | 0.057 | 0.062 | 0.064 |
| Foley West^ | 0.058 | 0.057 | 0.046 | 0.053 | 0.047 | 0.046 | 0.037 | 0.053 | 0.048 | 0.062 | 0.052 |
| Maryland Heights | 0.062 | 0.073 | 0.053 | 0.057 | 0.042 | 0.048 | 0.036 | 0.062 | 0.051 | 0.062 | 0.058 |
| Orchard Farm | 0.062 | 0.072 | 0.062 | 0.063 | 0.048 | 0.049 | 0.046 | 0.061 | 0.050 | 0.069 | 0.069 |
| Pacific | 0.059 | 0.061 | 0.049 | 0.050 | 0.039 | 0.046 | 0.034 | 0.057 | 0.056 | 0.061 | 0.043 |
| West Alton | 0.066 | 0.084 | 0.061 | 0.069 | 0.046 | 0.048 | 0.059 | 0.060 | 0.048 | 0.061 | 0.072 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.052 | 0.050 | 0.049 | 0.059 | 0.044 | 0.043 | 0.033 | 0.049 | 0.058 | 0.048 | 0.049 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.065 | 0.076 | 0.055 | 0.066 | 0.038 | 0.043 | 0.044 | 0.035 | 0.066 | 0.054 | 0.057 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.078 | 0.073 | 0.056 | 0.074 | 0.056 | 0.052 | 0.048 | 0.058 | 0.053 | 0.056 | 0.050 |
| RG South | 0.056 | 0.063 | 0.050 | 0.054 | 0.049 | 0.044 | 0.043 | 0.050 | 0.053 | 0.046 | 0.042 |
| Rocky Creek | 0.069 | 0.084 | 0.055 | 0.068 | 0.055 | 0.050 | 0.054 | 0.048 | 0.052 | 0.051 | 0.048 |
| Trimble | 0.066 | 0.083 | 0.056 | 0.065 | 0.054 | 0.050 | 0.051 | 0.049 | 0.053 | 0.052 | 0.047 |
| Watkins Mill | 0.077 | 0.065 | 0.052 | 0.072 | 0.052 | 0.049 | 0.042 | 0.052 | 0.050 | 0.052 | 0.046 |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.057 | 0.065 | 0.053 | 0.057 | 0.047 | 0.045 | 0.037 | 0.047 | 0.052 | 0.044 | 0.044 |
| Hillcrest H.S. | 0.055 | 0.065 | 0.051 | 0.057 | 0.051 | 0.044 | 0.034 | 0.053 | 0.057 | 0.045 | 0.040 |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.061 | 0.061 | 0.055 | 0.056 | 0.054 | 0.043 | 0.040 | 0.051 | 0.062 | 0.045 | 0.040 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.052 | 0.052 | 0.050 | 0.052 | 0.048 | 0.043 | 0.039 | 0.043 | 0.043 | 0.043 | 0.040 |
| Finger Lakes | 0.056 | 0.060 | 0.047 | 0.049 | 0.052 | 0.045 | 0.041 | 0.056 | 0.050 | 0.048 | 0.046 |
| Mark Twain* | 0.056 | 0.053 | 0.048 | 0.048 | 0.051 | 0.049 | 0.039 | 0.052 | 0.051 | 0.046 | 0.043 |
| New Bloomfield | 0.054 | 0.055 | 0.052 | 0.048 | 0.050 | 0.045 | 0.039 | 0.058 | 0.054 | 0.045 | 0.043 |
| Savannah | 0.063 | 0.062 | 0.056 | 0.065 | 0.051 | 0.048 | 0.054 | 0.048 | 0.050 | 0.049 | 0.044 |

Cont.

Daily 2018 Maximum Average Eight-Hour Concentration of Ground-Level Ozone in Parts per Million

(Since March 1, 2018, beginning of ozone season)

| | 16-Jun | 17-Jun | 18-Jun | 19-Jun | 20-Jun | 21-Jun | 22-Jun | 23-Jun | 24-Jun | 25-Jun | 26-Jun |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.040 | 0.041 | 0.031 | 0.024 | 0.039 | 0.039 | 0.031 | 0.041 | 0.040 | 0.042 | 0.046 |
| Blair Street* | 0.053 | 0.054 | 0.037 | 0.038 | 0.044 | 0.045 | 0.035 | 0.050 | 0.050 | 0.041 | 0.049 |
| Foley West^ | 0.040 | 0.034 | 0.029 | 0.031 | 0.036 | 0.039 | 0.030 | 0.039 | 0.058 | 0.049 | 0.046 |
| Maryland Heights | 0.039 | 0.039 | 0.035 | 0.033 | 0.039 | 0.040 | 0.032 | 0.041 | 0.050 | 0.046 | 0.039 |
| Orchard Farm | 0.048 | 0.045 | 0.038 | 0.037 | 0.044 | 0.044 | 0.037 | 0.044 | 0.057 | 0.045 | 0.043 |
| Pacific | 0.035 | 0.036 | 0.026 | 0.028 | 0.026 | 0.039 | 0.031 | 0.040 | 0.035 | 0.046 | 0.039 |
| West Alton | 0.049 | 0.047 | 0.038 | 0.036 | 0.043 | 0.041 | 0.033 | 0.038 | 0.054 | 0.043 | 0.043 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.044 | 0.046 | 0.029 | 0.028 | 0.025 | 0.042 | 0.038 | 0.039 | 0.031 | 0.031 | 0.047 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.057 | 0.056 | m | 0.024 | 0.028 | 0.040 | 0.037 | 0.040 | 0.035 | 0.033 | 0.045 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.047 | 0.042 | 0.044 | 0.040 | 0.048 | 0.029 | 0.035 | 0.047 | 0.041 | 0.054 | 0.046 |
| RG South | 0.042 | 0.037 | 0.033 | 0.038 | 0.050 | 0.035 | 0.033 | 0.051 | 0.039 | 0.055 | 0.048 |
| Rocky Creek | 0.045 | 0.041 | 0.041 | 0.038 | 0.047 | 0.029 | 0.032 | 0.046 | 0.046 | 0.058 | 0.047 |
| Trimble | 0.044 | 0.041 | 0.041 | 0.037 | 0.047 | 0.029 | 0.031 | 0.045 | 0.046 | 0.057 | 0.046 |
| Watkins Mill | 0.043 | 0.036 | 0.041 | 0.033 | 0.046 | 0.021 | 0.028 | 0.045 | 0.040 | 0.054 | 0.042 |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.035 | 0.031 | 0.031 | 0.030 | 0.026 | 0.041 | 0.041 | 0.052 | 0.034 | 0.055 | 0.042 |
| Hillcrest H.S. | 0.035 | 0.032 | 0.029 | 0.029 | 0.023 | 0.040 | 0.042 | 0.055 | 0.036 | 0.054 | 0.041 |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.043 | 0.038 | 0.034 | 0.031 | 0.034 | 0.044 | 0.042 | 0.053 | 0.039 | 0.055 | 0.050 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.042 | 0.035 | m | m | 0.032 | 0.038 | 0.039 | 0.047 | 0.037 | 0.057 | 0.047 |
| Finger Lakes | 0.038 | 0.033 | 0.030 | 0.032 | 0.032 | 0.031 | 0.023 | 0.040 | 0.035 | 0.039 | 0.037 |
| Mark Twain* | 0.037 | 0.031 | 0.028 | 0.030 | 0.033 | 0.033 | 0.029 | 0.041 | 0.041 | 0.047 | 0.036 |
| New Bloomfield | 0.037 | 0.035 | 0.029 | 0.033 | 0.031 | 0.037 | 0.032 | 0.042 | 0.037 | 0.050 | 0.042 |
| Savannah | 0.043 | 0.042 | 0.039 | 0.027 | 0.048 | 0.031 | 0.032 | 0.043 | 0.052 | 0.055 | 0.046 |

Cont.

**Daily 2018 Maximum Average Eight-Hour Concentration
of Ground-Level Ozone in Parts per Million**

(Since March 1, 2018, beginning of ozone season)

| | 27-Jun | 28-Jun | 29-Jun | 30-Jun | 1-Jul | 2-Jul | 3-Jul | 4-Jul | 5-Jul | 6-Jul | 7-Jul |
|------------------------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.039 | 0.050 | 0.051 | 0.042 | 0.022 | 0.049 | 0.049 | 0.043 | 0.043 | 0.054 | 0.056 |
| Blair Street* | 0.056 | 0.052 | 0.056 | 0.049 | 0.026 | 0.048 | 0.047 | 0.048 | 0.058 | 0.048 | 0.049 |
| Foley West^ | 0.045 | 0.050 | 0.042 | 0.042 | 0.029 | 0.044 | 0.061 | 0.038 | 0.036 | 0.042 | 0.050 |
| Maryland Heights | 0.044 | 0.053 | 0.060 | 0.049 | 0.027 | 0.050 | 0.054 | 0.038 | 0.038 | 0.046 | 0.051 |
| Orchard Farm | 0.047 | 0.053 | 0.069 | 0.048 | 0.033 | 0.042 | 0.054 | 0.041 | 0.043 | 0.042 | 0.045 |
| Pacific | 0.039 | 0.040 | 0.031 | 0.035 | 0.025 | 0.056 | 0.044 | 0.031 | 0.043 | 0.051 | 0.062 |
| West Alton | 0.043 | m | m | m | m | 0.042 | 0.048 | 0.051 | 0.039 | 0.044 | 0.046 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.034 | 0.043 | 0.040 | 0.038 | 0.031 | 0.057 | 0.039 | 0.032 | 0.049 | 0.050 | 0.053 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.034 | 0.046 | 0.039 | 0.041 | 0.039 | 0.041 | 0.040 | 0.039 | 0.052 | 0.045 | 0.051 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.047 | 0.058 | 0.046 | 0.041 | 0.046 | 0.049 | 0.044 | 0.042 | 0.043 | 0.048 | 0.049 |
| RG South | 0.048 | 0.046 | 0.053 | 0.040 | 0.047 | 0.048 | 0.042 | 0.038 | 0.046 | 0.048 | 0.049 |
| Rocky Creek | 0.052 | 0.062 | 0.049 | 0.046 | 0.046 | 0.051 | 0.058 | 0.050 | 0.043 | 0.046 | 0.050 |
| Trimble | 0.048 | 0.053 | 0.049 | 0.047 | 0.045 | 0.048 | 0.057 | 0.050 | 0.042 | 0.045 | 0.049 |
| Watkins Mill | 0.046 | 0.065 | 0.049 | 0.042 | 0.044 | 0.048 | 0.047 | 0.052 | 0.041 | 0.048 | 0.050 |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.043 | 0.044 | 0.039 | 0.035 | 0.037 | 0.049 | 0.039 | 0.032 | 0.044 | 0.042 | 0.049 |
| Hillcrest H.S. | 0.042 | 0.044 | 0.039 | 0.036 | 0.023 | 0.051 | 0.042 | 0.033 | 0.047 | 0.044 | 0.054 |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.050 | 0.050 | 0.041 | 0.040 | 0.025 | 0.053 | 0.045 | 0.039 | 0.046 | 0.044 | 0.052 |
| Bransont† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.048 | 0.048 | 0.044 | 0.043 | 0.042 | 0.049 | 0.041 | 0.035 | 0.043 | 0.041 | 0.047 |
| Finger Lakes | 0.046 | 0.038 | 0.038 | 0.036 | 0.034 | 0.050 | 0.045 | 0.036 | 0.040 | 0.048 | 0.056 |
| Mark Twain* | 0.045 | 0.038 | 0.035 | 0.033 | 0.039 | 0.044 | 0.044 | 0.034 | 0.033 | 0.046 | 0.050 |
| New Bloomfield | 0.039 | 0.036 | 0.037 | 0.034 | 0.038 | 0.051 | 0.045 | 0.034 | 0.042 | 0.049 | 0.058 |
| Savannah | 0.049 | 0.049 | 0.047 | 0.046 | 0.049 | 0.049 | 0.060 | 0.053 | 0.047 | 0.048 | 0.051 |

Cont.

Daily 2018 Maximum Average Eight-Hour Concentration of Ground-Level Ozone in Parts per Million

(Since March 1, 2018, beginning of ozone season)

| | 8-Jul | 9-Jul | 10-Jul | 11-Jul | 12-Jul | 13-Jul | 14-Jul | 15-Jul | 16-Jul | 17-Jul | 18-Jul |
|------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.057 | 0.055 | 0.069 | 0.071 | 0.069 | 0.074 | 0.056 | 0.049 | 0.058 | 0.064 | 0.052 |
| Blair Street* | 0.060 | 0.058 | 0.059 | 0.059 | 0.071 | 0.074 | 0.060 | 0.065 | 0.060 | 0.054 | 0.045 |
| Foley West^ | 0.066 | 0.051 | 0.052 | 0.050 | 0.083 | 0.068 | 0.050 | 0.046 | 0.050 | 0.049 | 0.058 |
| Maryland Heights | 0.064 | 0.057 | 0.055 | 0.062 | 0.076 | 0.070 | 0.052 | 0.053 | 0.051 | 0.053 | 0.055 |
| Orchard Farm | 0.056 | 0.056 | 0.049 | 0.045 | 0.071 | 0.073 | 0.050 | 0.049 | 0.047 | 0.045 | 0.048 |
| Pacific | 0.059 | 0.045 | 0.053 | 0.076 | 0.073 | 0.054 | 0.048 | 0.046 | 0.057 | 0.059 | 0.056 |
| West Alton | 0.058 | 0.064 | 0.045 | 0.052 | 0.069 | 0.079 | 0.052 | 0.056 | 0.041 | 0.047 | 0.046 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.050 | 0.039 | 0.040 | 0.065 | 0.059 | 0.053 | 0.046 | 0.041 | 0.050 | 0.063 | 0.047 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.047 | 0.038 | 0.039 | 0.052 | 0.062 | 0.060 | 0.041 | 0.039 | 0.050 | 0.045 | 0.051 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.053 | 0.076 | 0.068 | 0.053 | 0.066 | 0.063 | 0.055 | 0.055 | 0.051 | 0.034 | 0.044 |
| RG South | 0.050 | 0.051 | 0.061 | 0.044 | 0.055 | 0.052 | 0.049 | 0.062 | 0.066 | 0.039 | 0.041 |
| Rocky Creek | 0.058 | m | m | 0.061 | 0.080 | 0.060 | 0.053 | 0.056 | 0.047 | 0.030 | 0.048 |
| Trimble | 0.055 | 0.058 | 0.058 | 0.061 | 0.074 | 0.057 | 0.053 | 0.046 | 0.046 | 0.031 | 0.044 |
| Watkins Mill | 0.054 | 0.063 | 0.065 | 0.052 | 0.060 | 0.064 | 0.054 | 0.056 | 0.049 | 0.035 | 0.044 |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.051 | 0.048 | 0.044 | 0.047 | 0.053 | 0.051 | 0.045 | 0.052 | 0.051 | 0.042 | 0.043 |
| Hillcrest H.S. | 0.054 | 0.052 | 0.046 | 0.052 | 0.055 | 0.049 | 0.044 | 0.050 | 0.051 | 0.044 | 0.043 |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.054 | 0.052 | 0.051 | 0.056 | 0.051 | 0.055 | 0.050 | 0.054 | 0.053 | 0.046 | 0.052 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.054 | 0.045 | 0.045 | 0.044 | 0.051 | 0.055 | 0.050 | 0.056 | 0.056 | 0.037 | 0.048 |
| Finger Lakes | 0.056 | 0.043 | 0.054 | 0.055 | 0.058 | 0.053 | 0.042 | 0.052 | 0.049 | 0.044 | 0.056 |
| Mark Twain* | 0.052 | 0.043 | 0.056 | 0.050 | 0.063 | 0.050 | 0.043 | 0.047 | 0.043 | 0.043 | 0.048 |
| New Bloomfield | 0.054 | 0.046 | 0.057 | 0.060 | 0.060 | 0.054 | 0.049 | 0.055 | 0.054 | 0.045 | 0.050 |
| Savannah | 0.060 | 0.061 | 0.056 | 0.067 | 0.067 | 0.052 | 0.047 | 0.054 | 0.046 | 0.028 | 0.047 |

Cont.

**Daily 2018 Maximum Average Eight-Hour Concentration
of Ground-Level Ozone in Parts per Million**

(Since March 1, 2018, beginning of ozone season)

| | 19-Jul | 20-Jul | 21-Jul | 22-Jul | 23-Jul | 24-Jul | 25-Jul | 26-Jul | 27-Jul | 28-Jul | 29-Jul |
|------------------------------|--------|--------|--------|--------|----------|--------|--------|--------|----------|----------|----------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.051 | 0.057 | 0.048 | 0.043 | m | 0.057 | 0.056 | 0.051 | 0.048 | 0.048 | 0.025 |
| Blair Street* | 0.055 | 0.061 | 0.048 | 0.041 | 0.053 | 0.052 | 0.045 | 0.052 | 0.040 | 0.042 | 0.025 |
| Foley West^ | 0.048 | 0.056 | 0.048 | 0.044 | 0.050 | 0.053 | 0.042 | 0.041 | 0.039 | 0.041 | 0.035 |
| Maryland Heights | 0.052 | 0.060 | 0.047 | 0.041 | 0.051 | 0.050 | 0.043 | 0.045 | 0.041 | 0.042 | 0.027 |
| Orchard Farm | 0.052 | 0.051 | 0.046 | 0.038 | 0.047 | 0.047 | 0.039 | 0.040 | 0.037 | 0.039 | 0.028 |
| Pacific | 0.044 | 0.060 | 0.050 | 0.046 | 0.056 | 0.056 | 0.049 | 0.045 | 0.046 | 0.049 | 0.024 |
| West Alton | 0.054 | 0.049 | 0.041 | 0.035 | 0.045 | 0.046 | 0.037 | 0.039 | 0.035 | 0.042 | 0.030 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.047 | 0.048 | 0.046 | 0.045 | 0.065 | 0.062 | 0.055 | 0.044 | 0.042 | 0.048 | 0.038 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.053 | 0.050 | 0.052 | 0.047 | 0.050 | 0.053 | 0.049 | 0.048 | 0.050 | 0.047 | 0.041 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.052 | 0.051 | 0.043 | 0.058 | 0.049 | 0.043 | 0.052 | 0.045 | 0.043 | 0.044 | 0.033 |
| RG South | 0.053 | 0.051 | 0.050 | 0.059 | 0.059 | 0.054 | 0.040 | 0.030 | 0.050 | 0.040 | 0.040 |
| Rocky Creek | 0.056 | 0.046 | 0.041 | 0.055 | 0.048 | 0.042 | 0.059 | 0.041 | 0.042 | 0.045 | 0.036 |
| Trimble | 0.056 | 0.047 | 0.041 | 0.055 | 0.048 | 0.040 | 0.053 | 0.041 | 0.041 | 0.045 | 0.038 |
| Watkins Mill | 0.054 | 0.051 | 0.041 | 0.055 | 0.047 | 0.042 | 0.047 | 0.041 | 0.039 | 0.044 | 0.034 |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.054 | 0.056 | 0.045 | 0.051 | 0.046 | 0.049 | 0.050 | 0.035 | 0.048 | 0.043 | 0.046 |
| Hillcrest H.S. | 0.055 | 0.061 | 0.046 | 0.051 | 0.048 | 0.049 | 0.053 | 0.036 | 0.049 | 0.042 | m |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.062 | 0.057 | 0.052 | 0.050 | 0.046 | 0.051 | 0.051 | 0.033 | 0.050 | m | m |
| Bransont† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.050 | 0.046 | 0.051 | 0.051 | 0.045 | 0.050 | 0.044 | 0.028 | 0.046 | 0.036 | 0.046 |
| Finger Lakes | 0.043 | 0.051 | 0.050 | 0.044 | 0.044 | 0.046 | 0.044 | 0.030 | 0.037 | 0.039 | 0.030 |
| Mark Twain* | 0.044 | 0.051 | 0.048 | 0.043 | 0.047 | 0.045 | 0.045 | 0.036 | 0.037 | 0.034 | 0.036 |
| New Bloomfield | 0.039 | 0.056 | 0.052 | 0.049 | 0.049 | 0.051 | 0.049 | 0.034 | m | m | m |
| Savannah | 0.058 | 0.045 | 0.039 | 0.056 | 0.052 | 0.039 | 0.049 | 0.044 | 0.037 | 0.045 | 0.041 |

Cont.

**Daily 2018 Maximum Average Eight-Hour Concentration
of Ground-Level Ozone in Parts per Million**

(Since March 1, 2018, beginning of ozone season)

| | 30-Jul | 31-Jul | 1-Aug | 2-Aug | 3-Aug | 4-Aug | 5-Aug | 6-Aug | 7-Aug | 8-Aug | 9-Aug |
|------------------------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <i>St. Louis</i> | | | | | | | | | | | |
| Arnold West | 0.037 | 0.037 | 0.071 | 0.050 | 0.070 | 0.052 | 0.045 | 0.039 | 0.033 | 0.056 | 0.046 |
| Blair Street* | 0.037 | 0.037 | 0.077 | 0.056 | 0.081 | 0.055 | 0.053 | 0.049 | 0.035 | 0.055 | 0.050 |
| Foley West^ | 0.036 | 0.046 | 0.054 | 0.054 | 0.065 | 0.054 | 0.047 | 0.045 | 0.046 | 0.047 | 0.068 |
| Maryland Heights | 0.031 | 0.036 | 0.066 | 0.051 | 0.068 | 0.053 | 0.045 | 0.047 | 0.038 | 0.050 | 0.067 |
| Orchard Farm | 0.034 | 0.039 | 0.053 | 0.053 | 0.072 | 0.057 | 0.050 | 0.045 | 0.043 | 0.048 | 0.069 |
| Pacific | 0.030 | 0.037 | 0.060 | 0.052 | 0.059 | 0.051 | 0.040 | 0.039 | 0.040 | 0.054 | 0.051 |
| West Alton | 0.035 | 0.034 | 0.059 | 0.055 | 0.068 | 0.056 | 0.056 | 0.048 | 0.036 | 0.042 | 0.066 |
| <i>Ste. Genevieve</i> | | | | | | | | | | | |
| Bonne Terre | 0.036 | 0.040 | 0.056 | 0.051 | 0.050 | 0.051 | 0.040 | 0.039 | 0.031 | 0.048 | 0.040 |
| <i>Southeast</i> | | | | | | | | | | | |
| Farrar | 0.032 | 0.044 | 0.054 | 0.047 | 0.050 | 0.051 | 0.037 | 0.038 | 0.029 | 0.039 | 0.038 |
| <i>Kansas City</i> | | | | | | | | | | | |
| Liberty | 0.047 | 0.048 | 0.057 | 0.074 | 0.069 | 0.058 | 0.058 | 0.073 | 0.053 | 0.067 | 0.065 |
| RG South | 0.043 | 0.052 | 0.054 | 0.062 | 0.059 | 0.058 | 0.053 | 0.048 | 0.049 | 0.055 | 0.054 |
| Rocky Creek | 0.048 | 0.044 | 0.054 | 0.066 | 0.065 | 0.061 | 0.059 | 0.059 | 0.054 | 0.066 | 0.063 |
| Trimble | 0.047 | 0.042 | 0.053 | 0.066 | 0.066 | 0.063 | 0.060 | 0.059 | 0.049 | 0.060 | 0.062 |
| Watkins Mill | 0.046 | 0.047 | 0.054 | 0.072 | 0.070 | 0.057 | 0.058 | 0.077 | 0.046 | 0.060 | 0.059 |
| <i>Springfield</i> | | | | | | | | | | | |
| Fellows Lake | 0.038 | 0.049 | 0.052 | 0.059 | 0.060 | 0.059 | 0.056 | 0.043 | 0.034 | 0.058 | 0.054 |
| Hillcrest H.S. | 0.035 | 0.051 | 0.053 | 0.062 | 0.056 | 0.051 | 0.052 | 0.042 | 0.033 | 0.056 | 0.055 |
| <i>Outstate</i> | | | | | | | | | | | |
| Alba | 0.027 | 0.052 | 0.055 | 0.064 | 0.058 | 0.063 | 0.050 | 0.048 | 0.037 | 0.046 | 0.055 |
| Branson† | - | - | - | - | - | - | - | - | - | - | - |
| El Dorado Springs | 0.038 | 0.051 | 0.054 | 0.060 | 0.059 | 0.063 | 0.053 | 0.048 | 0.043 | 0.056 | 0.059 |
| Finger Lakes | 0.043 | 0.056 | 0.049 | 0.055 | 0.061 | 0.056 | 0.055 | 0.042 | 0.044 | 0.056 | 0.056 |
| Mark Twain* | 0.045 | 0.053 | 0.049 | 0.051 | 0.060 | 0.054 | 0.049 | 0.043 | 0.037 | 0.046 | 0.050 |
| New Bloomfield | 0.042 | 0.056 | 0.054 | 0.058 | 0.060 | 0.056 | 0.052 | 0.041 | 0.042 | 0.058 | 0.053 |
| Savannah | 0.044 | 0.041 | 0.051 | 0.058 | 0.064 | 0.061 | 0.060 | 0.055 | 0.047 | 0.054 | 0.058 |

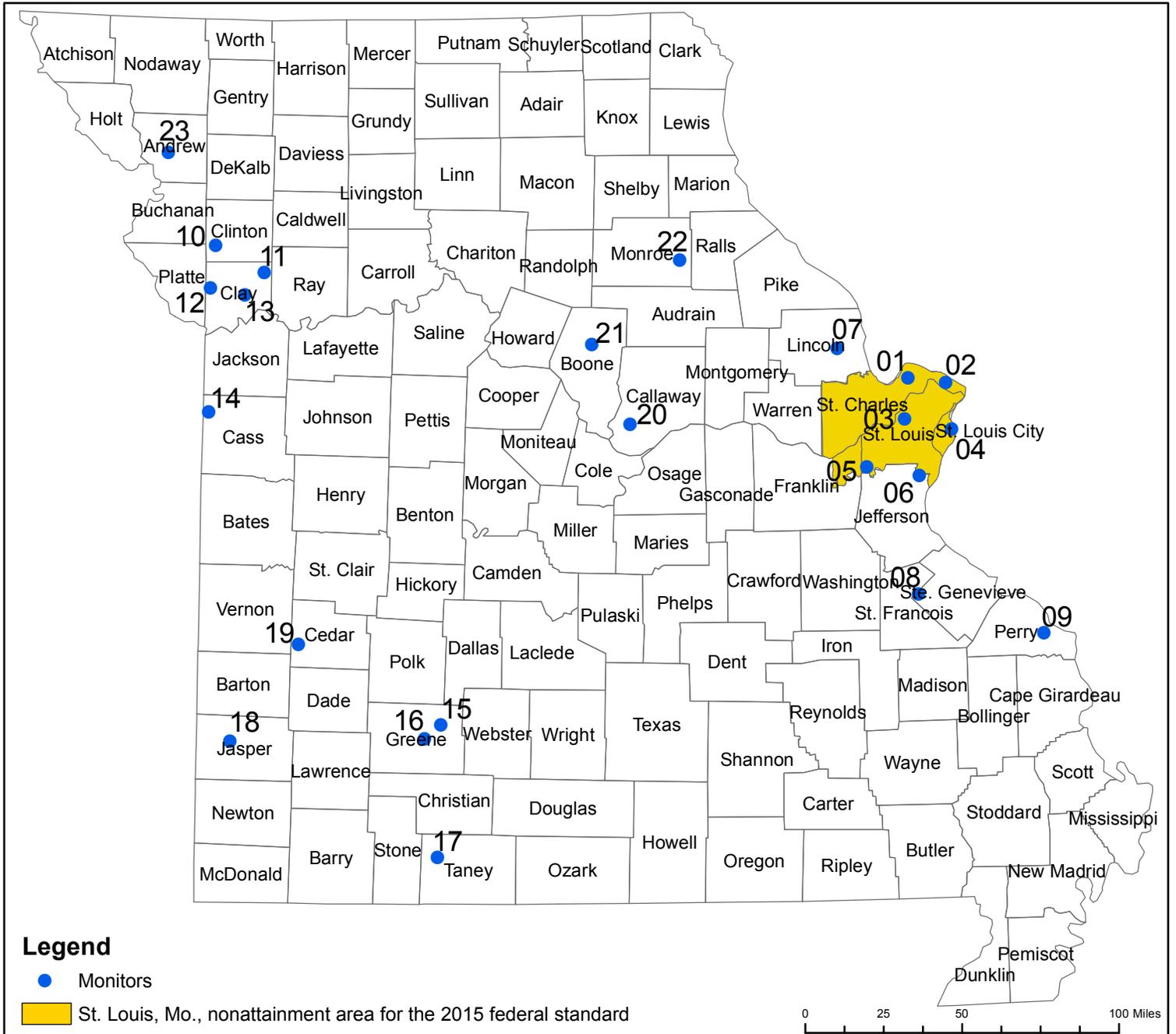
Cont.

**Daily 2018 Maximum Average Eight-Hour Concentration
of Ground-Level Ozone in Parts per Million**

(Since March 1, 2018, beginning of ozone season)

| | 10-Aug | 11-Aug | 12-Aug | 13-Aug | 14-Aug | 15-Aug | 16-Aug | 17-Aug | 18-Aug | 19-Aug | 20-Aug |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <u>St. Louis</u> | | | | | | | | | | | |
| Arnold West | 0.057 | 0.054 | 0.057 | | | | | | | | |
| Blair Street* | 0.063 | 0.046 | 0.050 | | | | | | | | |
| Foley West^ | 0.053 | 0.043 | 0.043 | | | | | | | | |
| Maryland Heights | 0.057 | 0.042 | 0.046 | | | | | | | | |
| Orchard Farm | 0.058 | 0.040 | 0.040 | | | | | | | | |
| Pacific | 0.058 | 0.049 | 0.060 | | | | | | | | |
| West Alton | 0.057 | 0.039 | 0.042 | | | | | | | | |
| <u>Ste. Genevieve</u> | | | | | | | | | | | |
| Bonne Terre | 0.051 | 0.062 | 0.053 | | | | | | | | |
| <u>Southeast</u> | | | | | | | | | | | |
| Farrar | 0.043 | 0.048 | 0.043 | | | | | | | | |
| <u>Kansas City</u> | | | | | | | | | | | |
| Liberty | 0.051 | 0.049 | 0.052 | | | | | | | | |
| RG South | 0.068 | 0.051 | 0.049 | | | | | | | | |
| Rocky Creek | 0.050 | 0.049 | 0.054 | | | | | | | | |
| Trimble | 0.048 | 0.044 | 0.051 | | | | | | | | |
| Watkins Mill | 0.048 | 0.046 | 0.049 | | | | | | | | |
| <u>Springfield</u> | | | | | | | | | | | |
| Fellows Lake | 0.059 | 0.055 | 0.046 | | | | | | | | |
| Hillcrest H.S. | 0.058 | 0.056 | 0.048 | | | | | | | | |
| <u>Outstate</u> | | | | | | | | | | | |
| Alba | 0.059 | 0.054 | 0.057 | | | | | | | | |
| Branson† | - | - | - | | | | | | | | |
| El Dorado Springs | 0.062 | 0.048 | 0.056 | | | | | | | | |
| Finger Lakes | 0.050 | 0.045 | 0.050 | | | | | | | | |
| Mark Twain* | 0.049 | 0.048 | 0.042 | | | | | | | | |
| New Bloomfield | 0.061 | 0.048 | 0.050 | | | | | | | | |
| Savannah | 0.042 | 0.041 | 0.048 | | | | | | | | |

Missouri Ozone (O3) Monitoring Network, 2018



Legend

- Monitors
- St. Louis, Mo., nonattainment area for the 2015 federal standard

0 25 50 100 Miles

St. Louis Area

- 01 Orchard Farm
- 02 West Alton
- 03 Maryland Heights
- 04 Blair Street**
- 05 Pacific
- 06 Arnold West
- 07 Foley West

Ste. Genevieve Area

- 08 Bonne Terre

Southeast Area

- 09 Farrar

Kansas City Area

- 10 Trimble
- 11 Watkins Mill State Park
- 12 Rocky Creek
- 13 Liberty
- 14 Richards Gebaur-South

Springfield Area

- 15 Fellows Lake
- 16 Hillcrest High School

Outstate Area

- 17 Branson^
- 18 Alba
- 19 El Dorado Springs
- 20 New Bloomfield
- 21 Finger Lakes State Park
- 22 Mark Twain State Park**
- 23 Savannah

