July 2022

AQI Calculation for the October 2015 Ozone Standard

| AQI Categories | AQI Value | 7-1 | 7-2 | 7-3 | 7-4 | 7-5 | 7-6 | 7-7 | 7-8 | 7-9 | 7-10 | 7-11 | 7-12 | 7-13 | 7-14 | 7-15 | 7-16 | 7-17 | 7-18 | 7-19 | 7-20 | 7-21 | 7-22 | 7-23 | 7-24 | 7-25 | 7-26 | 7-27 | 7-28 | 7-29 | 7-30 | 7-31 | AQI Value | AQI Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hazardous | 301 to 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 301 to 500 | Hazardous |
| Very Unhealthy | 201 to 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 201 to 300 | Very Unhealthy |
| Unhealthy | 151 to 200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 151 to 200 | Unhealthy |
| | 141 to 150 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 141 to 150 | |
| Unhealthy for | 131 to 140 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 131 to 140 | Unhealthy for |
| Sensitive Groups | 121 to 130 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 121 to 130 | Sensitive Groups |
| | 111 to 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 111 to 120 | |
| | 101 to 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 101 to 110 | |
| | 91 to 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 91 to 100 | |
| | 81 to 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 81 to 90 | |
| Moderate | 71 to 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 to 80 | Moderate |
| | 61 to 70 | | | | | | | | | | | | | | | | ● | | | | | | | | | | | | | | | | 61 to 70 | |
| | 51 to 60 | | | | | | | | | | ■ | ● | | | ■ | ■ | ■ | | | | | | | | | | | | | | | | 51 to 60 | |
| | 41 to 50 | ■● | | ● | ● | | | ■● | ■ | | ● | ■ | ■● | ■● | ● | ● | | | | | | | | | | | | | | | | | 41 to 50 | |
| | 31 to 40 | | ■● | ■ | ■ | ■● | ■● | | ● | | | | | | | | | ■● | | | | | | | | | | | | | | | 31 to 40 | |
| Good | 21 to 30 | | | | | | | | | ■● | | | | | | | | | | | | | | | | | | | | | | | 21 to 30 | Good |
| | 11 to 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 to 20 | |
| | 0 to 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 to 10 | |
| | | 7-1 | 7-2 | 7-3 | 7-4 | 7-5 | 7-6 | 7-7 | 7-8 | 7-9 | 7-10 | 7-11 | 7-12 | 7-13 | 7-14 | 7-15 | 7-16 | 7-17 | 7-18 | 7-19 | 7-20 | 7-21 | 7-22 | 7-23 | 7-24 | 7-25 | 7-26 | 7-27 | 7-28 | 7-29 | 7-30 | 7-31 | | |

Note: Days with White icon, only data for one monitor available

| AQI Categories | AQI Values |
|---|---|
| Good | Up to 50 |
| Moderate | 50 - 100 |
| Unhealthy for Sensitive Groups | 101 - 150 |
| Unhealthy | 151 - 200 |
| Very Unhealthy | 201 - 300 |
| Hazardous | 301 - 500 |

| Bonne Terre | Farrar |
|---|---|
| ■ | ● |
| ■ | ● |
| ■ | ● |
| ■ | ● |

8hr Ozone to AQI (2015 Standard)

| Ozone PPB | Value |
|---|---|
| 0-11 | 0 to 10 |
| 12-22 | 11 to 20 |
| 23-32 | 21 to 30 |
| 33-43 | 31 to 40 |
| 44-54 | 41 to 50 |
| 55-57 | 51 to 60 |
| 58-60 | 61 to 70 |
| 61-64 | 71 to 80 |
| 65-67 | 81 to 90 |
| 68-70 | 91 to 100 |
| 71-73 | 101 to 110 |
| 74-76 | 111 to 120 |
| 77-79 | 121 to 130 |
| 80-82 | 131 to 140 |
| 83-85 | 141 to 150 |
| 86-105 | 151 to 200 |
| 106-200 | 201 to 300 |