



HUNTSVILLE

The Star of Alabama

AIR QUALITY FORECAST FOR HUNTSVILLE – MARCH 22, 2019

| | |
|--|----------------------------------|
| Primary Pollutant | PM_{2.5} |
| <i>Unusually sensitive people should consider reducing prolonged or heavy exertion outdoors.</i> | |
| Recommended Actions | |

[Air quality forecasts for the Huntsville area](#) are provided by the [Alabama Department of Environmental Management \(ADEM\)](#).

[National air quality forecasts](#) & [E-mail notification](#) of forecasts available.

HUNTSVILLE DAILY AIR QUALITY DATA - MARCH 21, 2019

AIR QUALITY

| | |
|--------------------------|------------------------|
| Air Quality Index (AQI*) | 44 |
| AQI Category | GOOD |
| Responsible Pollutant | OZONE |
| OZONE 1-hr Maximum | 0.052 ppm |
| OZONE 8-hr Maximum | 0.048 ppm |
| PM ₁₀ | 18 µg/m ³ |
| PM _{2.5} ** | 9.07 µg/m ³ |

*The AQI incorporates, into a single index, maximum concentrations of five criteria pollutants: ozone (1- and 8-hour averages), particulate matter (PM₁₀ & PM_{2.5}), carbon monoxide (CO), sulfur dioxide (SO₂), and nitrogen dioxide (NO₂). In Huntsville, ozone and fine particulate (PM_{2.5}) are the pollutants of principal concern. The scale of the index (0 - 500) is divided into general categories that are associated with health messages.

**AQI values for PM_{2.5} are based on continuous monitoring data, rather than a Federal Reference Method (FRM). FRM data are more accurate but are not available within 24 hours.

SEASONAL OZONE DATA - MAXIMUM VALUES ppm – 2019

| AIRPORT ROAD SITE | | CAPSHAW ROAD SITE | |
|-------------------|-----------------------|-------------------|-----------------------|
| <i>DATE</i> | <i>8-HOUR AVERAGE</i> | <i>DATE</i> | <i>8-HOUR AVERAGE</i> |
| 3/20/19 | 0.063 | 3/20/19 | 0.066 |
| 3/19/19 | 0.052 | 3/19/19 | 0.054 |
| 3/13/19 | 0.052 | 3/13/19 | 0.052 |
| 3/18/19 | 0.050 | 3/18/19 | 0.051 |
| <i>DATE</i> | <i>1-HOUR HIGH</i> | <i>DATE</i> | <i>1-HOUR HIGH</i> |
| 3/20/19 | 0.067 | 3/20/19 | 0.072 |
| 3/19/19 | 0.055 | 3/19/19 | 0.058 |
| 3/13/19 | 0.055 | 3/12/19 | 0.057 |
| 3/12/19 | 0.055 | 3/13/19 | 0.055 |

For additional information on air quality and/or an overview of program activities, please browse other sections of the [Department's Web Site](#). You may also contact:

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