



HUNTSVILLE

The Star of Alabama

AIR QUALITY FORECAST FOR HUNTSVILLE - **OCTOBER 16, 2020**

Primary Pollutant	PM_{2.5}
<i>No adverse health effects expected</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 - **OCTOBER 15, 2020**

AIR QUALITY

Air Quality Index (AQI*)	52
AQI Category	<u>MODERATE</u>
Responsible Pollutant	PM_{2.5}
OZONE 1-hr Maximum	.056 ppm
OZONE 8-hr Maximum	.050 ppm
PM ₁₀	20 µg/m ³
PM _{2.5} **	12.82 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 – 2020

AIRPORT ROAD SITE		CAPSHAW ROAD SITE	
DATE	8-HOUR AVERAGE (ppm)	DATE	8-HOUR AVERAGE (ppm)
6/13/20	0.058	3/1/20	0.055
5/1/20	0.058	7/15/20	0.054
7/15/20	0.057	6/14/20	0.054
6/14/20	0.057	6/13/20	0.054
DATE	1-HOUR HIGH (ppm)	DATE	1-HOUR HIGH (ppm)
6/14/20	0.065	8/18/20	0.059
10/8/20	0.063	3/26/20	0.059
3/26/20	0.063	10/6/20	0.058
5/1/20	0.062	7/15/20	0.058

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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www.huntsvilleal.gov/government/departments/natural-resources
 (256) 427-5750 - main
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