

Iowa Exceedances of the National Ambient Air Quality Standards, 2023



*Iowa DNR
Ambient Air Monitoring Group*

What Are the NAAQS?

The Clean Air Act requires EPA to set National Ambient Air Quality Standards (NAAQS) for pollutants considered harmful to public health and the environment. The Clean Air Act established two types of national air quality standards.

Primary standards set limits to protect public health, including the health of "sensitive" populations such as asthmatics, children, and the elderly.

Secondary standards set limits to protect public welfare, including protection against decreased visibility, or damage to animals, crops, vegetation, and buildings. The table and key on the following page lists the NAAQS for the six criteria pollutants.

National Ambient Air Quality Standards

| Pollutant | Averaging Period | Exceedance Level | Units | Form of the standard |
|-------------------|-------------------------|------------------|----------------------------|--|
| Ozone | 8hr | 71 | ppb | To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 70 ppb. |
| PM _{2.5} | 24hr | 35.5 | micrograms per cubic meter | To attain this standard, the 3-year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 35.5 µg/m ³ . |
| PM _{2.5} | annual | 9.05 | micrograms per cubic meter | To attain this standard, the 3-year average of the weighted annual mean PM _{2.5} concentrations from a community-oriented monitor must not exceed 9.05 µg/m ³ . |
| PM ₁₀ | 24hr | 155 | micrograms per cubic meter | Not to be exceeded more than once per year on average over 3 years. |
| Sulfur dioxide | 1hr | 75.5 | ppb | Final rule signed June 2, 2010. To attain this standard, the 3-year average of the 99th percentile of the daily maximum 1-hour average at each monitor within an area must not exceed 75 ppb. |
| Sulfur dioxide | 3hr | 0.55 | ppm | Not to be exceeded more than once per year. |
| Carbon monoxide | 1hr | 35.5 | ppm | Not to be exceeded more than once per year. |
| Carbon monoxide | 8hr | 9.5 | ppm | Not to be exceeded more than once per year. |
| Nitrogen dioxide | annual | 0.0535 | ppm | annual mean |
| Nitrogen dioxide | 1 hr | 100.5 | ppb | To attain this standard, the 3-year average of the 98th percentile of the daily maximum 1-hour average at each monitor within an area must not exceed 0.100 ppm. |
| Lead | Rolling 3-month average | 0.155 | micrograms per cubic meter | Final rule signed October 15, 2008. |

See 40CFR Part 50 for details on attainment calculations

Ozone Data in This Report

Nitrogen oxides (NO_x) and volatile organic compounds (VOC's) react in sunlight and hot weather and can cause ground-level ozone to form in harmful concentrations in the air. Ozone is considered a summertime pollutant and data is collected seasonally from March 1 through October 31.

Both urban and rural areas may experience high ozone levels because wind can carry ozone and the pollutants that form it hundreds of miles away from their original sources.

Ozone monitors are continuous instruments that report hourly averages for each hour of each day of the ozone season.

Particulate Data Used for this Report

Particulate data in this report is from filter based samplers where the data is collected over a 24-hour period and then analyzed in a laboratory. Filter samplers are normally operated on a schedule of one sample every third day (1 in 3). In areas of high population or high concentration, the samplers may be operated on an accelerated schedule (1 in 2 or daily).

EPA has encouraged States to use automated continuous samplers to inform the public of current air quality levels. EPA has approved the use of data from certain types of continuous samplers for regulatory purposes. Data from continuous monitors that pass EPA equivalency tests is included in this report.

Iowa NAAQS Exceedances, 2023

| Monitor Type | Site Location | Site Name | Exceedance Date | Concentration | Units | AQI |
|-------------------|--------------------|--------------------|-----------------|---------------|-------------------|-----|
| Ozone | Pisgah | Forestry Office | 5/18/23 | 75 | ppb | 115 |
| PM _{2.5} | Emmetsburg | Iowa Lakes Coll. | 5/18/23 | 46.7 | µg/m ³ | 129 |
| PM _{2.5} | Sioux City | Irving School | 5/18/23 | 81.3 | µg/m ³ | 164 |
| Ozone | Pisgah | Forestry Office | 5/21/23 | 72 | ppb | 105 |
| Ozone | Pisgah | Forestry Office | 5/22/23 | 74 | ppb | 112 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 5/22/23 | 72 | ppb | 105 |
| Ozone | Waverly | Waverly Airport | 5/23/23 | 71 | ppb | 101 |
| Ozone | Pisgah | Forestry Office | 5/23/23 | 74 | ppb | 112 |
| Ozone | North Cedar Rapids | Coggon | 5/23/23 | 72 | ppb | 105 |
| Ozone | Cedar Rapids | Linn Public Health | 5/23/23 | 72 | ppb | 105 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 5/23/23 | 74 | ppb | 112 |
| Ozone | North Davenport | Scott County Park | 5/23/23 | 74 | ppb | 112 |
| Ozone | Waverly | Waverly Airport | 5/24/23 | 76 | ppb | 119 |
| Ozone | Pisgah | Forestry Office | 5/24/23 | 72 | ppb | 105 |
| Ozone | North Cedar Rapids | Coggon | 5/24/23 | 73 | ppb | 108 |
| Ozone | Cedar Rapids | Linn Public Health | 5/24/23 | 75 | ppb | 115 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 5/24/23 | 75 | ppb | 115 |
| Ozone | North Davenport | Scott County Park | 5/24/23 | 72 | ppb | 105 |

Iowa NAAQS Exceedances, 2023

(continued)

| Monitor Type | Site Location | Site Name | Exceedance Date | Concentration | Units | AQI |
|--------------|--------------------|----------------------|-----------------|---------------|-------|-----|
| Ozone | Waverly | Waverly Airport | 5/28/23 | 71 | ppb | 101 |
| Ozone | Pisgah | Forestry Office | 5/28/23 | 71 | ppb | 101 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 5/28/23 | 72 | ppb | 105 |
| Ozone | Waverly | Waverly Airport | 5/29/23 | 74 | ppb | 112 |
| Ozone | Clinton | Rainbow Park | 5/29/23 | 75 | ppb | 115 |
| Ozone | North Cedar Rapids | Coggon | 5/29/23 | 74 | ppb | 112 |
| Ozone | Cedar Rapids | Linn Public Health | 5/29/23 | 73 | ppb | 108 |
| Ozone | North Davenport | Scott County Park | 5/29/23 | 80 | ppb | 133 |
| Ozone | Central Davenport | Jefferson Elementary | 5/29/23 | 75 | ppb | 115 |
| Ozone | Clinton | Rainbow Park | 5/30/23 | 74 | ppb | 112 |
| Ozone | North Cedar Rapids | Coggon | 5/30/23 | 76 | ppb | 119 |
| Ozone | Cedar Rapids | Linn Public Health | 5/30/23 | 76 | ppb | 119 |
| Ozone | North Davenport | Scott County Park | 5/30/23 | 79 | ppb | 129 |
| Ozone | Central Davenport | Jefferson Elementary | 5/30/23 | 76 | ppb | 119 |
| Ozone | Clinton | Rainbow Park | 5/31/23 | 75 | ppb | 115 |
| Ozone | North Davenport | Scott County Park | 5/31/23 | 72 | ppb | 105 |
| Ozone | Clinton | Rainbow Park | 6/2/23 | 71 | ppb | 101 |
| Ozone | Cedar Rapids | Linn Public Health | 6/2/23 | 72 | ppb | 105 |

Iowa NAAQS Exceedances, 2023

(continued)

| Monitor Type | Site Location | Site Name | Exceedance | | Units | AQI |
|--------------|--------------------|-------------------------------|------------|---------------|-------|-----|
| | | | Date | Concentration | | |
| Ozone | North Davenport | Scott County Park | 6/2/23 | 76 | ppb | 119 |
| Ozone | Waverly | Waverly Airport | 6/3/23 | 79 | ppb | 129 |
| Ozone | Clinton | Rainbow Park | 6/3/23 | 78 | ppb | 126 |
| Ozone | Pisgah | Forestry Office | 6/3/23 | 78 | ppb | 126 |
| Ozone | North Cedar Rapids | Coggon | 6/3/23 | 82 | ppb | 140 |
| Ozone | Cedar Rapids | Linn Public Health | 6/3/23 | 85 | ppb | 150 |
| Ozone | Red Oak | Viking Lake | 6/3/23 | 74 | ppb | 112 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 6/3/23 | 73 | ppb | 108 |
| Ozone | Des Moines | Polk County Health | 6/3/23 | 79 | ppb | 129 |
| Ozone | North Des Moines | Sheldahl, Southern Crossroads | 6/3/23 | 77 | ppb | 122 |
| Ozone | North Davenport | Scott County Park | 6/3/23 | 81 | ppb | 136 |
| Ozone | Central Davenport | Jefferson Elementary | 6/3/23 | 76 | ppb | 119 |
| Ozone | Keosauqua | Lake Sugema | 6/3/23 | 79 | ppb | 129 |
| Ozone | Clinton | Rainbow Park | 6/4/23 | 72 | ppb | 105 |
| Ozone | Pisgah | Forestry Office | 6/4/23 | 77 | ppb | 122 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 6/4/23 | 71 | ppb | 101 |
| Ozone | North Davenport | Scott County Park | 6/4/23 | 72 | ppb | 105 |
| Ozone | Central Davenport | Jefferson Elementary | 6/4/23 | 71 | ppb | 101 |

Iowa NAAQS Exceedances, 2023

(continued)

| Monitor Type | Site Location | Site Name | Exceedance | | Units | AQI |
|--------------|--------------------|-------------------------------|------------|---------------|-------|-----|
| | | | Date | Concentration | | |
| Ozone | Waverly | Waverly Airport | 6/5/23 | 81 | ppb | 136 |
| Ozone | Pisgah | Forestry Office | 6/5/23 | 72 | ppb | 105 |
| Ozone | North Cedar Rapids | Coggon | 6/5/23 | 71 | ppb | 101 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 6/5/23 | 74 | ppb | 112 |
| Ozone | North Des Moines | Sheldahl, Southern Crossroads | 6/5/23 | 74 | ppb | 112 |
| Ozone | North Davenport | Scott County Park | 6/5/23 | 74 | ppb | 112 |
| Ozone | Pisgah | Forestry Office | 6/6/23 | 82 | ppb | 140 |
| Ozone | Red Oak | Viking Lake | 6/6/23 | 72 | ppb | 105 |
| Ozone | Des Moines | Polk County Health | 6/6/23 | 77 | ppb | 122 |
| Ozone | North Davenport | Scott County Park | 6/6/23 | 72 | ppb | 105 |
| Ozone | Central Davenport | Jefferson Elementary | 6/6/23 | 74 | ppb | 112 |
| Ozone | Pisgah | Forestry Office | 6/7/23 | 78 | ppb | 126 |
| Ozone | Clinton | Rainbow Park | 6/10/23 | 72 | ppb | 105 |
| Ozone | Cedar Rapids | Linn Public Health | 6/10/23 | 72 | ppb | 105 |
| Ozone | North Davenport | Scott County Park | 6/10/23 | 77 | ppb | 122 |
| Ozone | Central Davenport | Jefferson Elementary | 6/10/23 | 72 | ppb | 105 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 6/13/23 | 73 | ppb | 108 |
| Ozone | Pisgah | Forestry Office | 6/13/23 | 71 | ppb | 101 |

Iowa NAAQS Exceedances, 2023

(continued)

| Monitor Type | Site Location | Site Name | Exceedance | | | AQI |
|-------------------|--------------------|-------------------------------|------------|---------------|-------------------|-----|
| | | | Date | Concentration | Units | |
| Ozone | Pisgah | Forestry Office | 6/14/23 | 73 | ppb | 105 |
| Ozone | Red Oak | Viking Lake | 6/14/23 | 72 | ppb | 105 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 6/14/23 | 74 | ppb | 112 |
| Ozone | Des Moines | Polk County Health | 6/14/23 | 72 | ppb | 105 |
| Ozone | North Des Moines | Sheldahl, Southern Crossroads | 6/14/23 | 71 | ppb | 101 |
| Ozone | Pisgah | Forestry Office | 6/15/23 | 76 | ppb | 119 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 6/15/23 | 77 | ppb | 122 |
| Ozone | Des Moines | Polk County Health | 6/15/23 | 72 | ppb | 105 |
| PM _{2.5} | Iowa City | Hoover School | 6/15/23 | 36.5 | µg/m ³ | 103 |
| PM _{2.5} | Clinton | Chancy Park | 6/15/23 | 43.4 | µg/m ³ | 120 |
| PM _{2.5} | Central Davenport | Jefferson Elementary | 6/15/23 | 38.7 | µg/m ³ | 109 |
| PM _{2.5} | Cedar Rapids | Linn Public Health | 6/15/23 | 43.0 | µg/m ³ | 119 |
| Ozone | Clinton | Rainbow Park | 6/19/23 | 83 | ppb | 143 |
| Ozone | North Cedar Rapids | Coggon | 6/19/23 | 79 | ppb | 129 |
| Ozone | Cedar Rapids | Linn Public Health | 6/19/23 | 85 | ppb | 150 |
| Ozone | North Davenport | Scott County Park | 6/19/23 | 82 | ppb | 140 |
| Ozone | Central Davenport | Jefferson Elementary | 6/19/23 | 79 | ppb | 129 |
| Ozone | Keosauqua | Lake Sugema | 6/19/23 | 73 | ppb | 108 |

Iowa NAAQS Exceedances, 2023

(continued)

| Monitor Type | Site Location | Site Name | Exceedance Date | Concentration | Units | AQI |
|--------------|--------------------|-------------------------------|-----------------|---------------|-------|-----|
| Ozone | Waverly | Waverly Airport | 6/20/23 | 85 | ppb | 150 |
| Ozone | Clinton | Rainbow Park | 6/20/23 | 80 | ppb | 133 |
| Ozone | Pisgah | Forestry Office | 6/20/23 | 75 | ppb | 115 |
| Ozone | North Cedar Rapids | Coggon | 6/20/23 | 81 | ppb | 139 |
| Ozone | Cedar Rapids | Linn Public Health | 6/20/23 | 82 | ppb | 140 |
| Ozone | Red Oak | Viking Lake | 6/20/23 | 74 | ppb | 112 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 6/20/23 | 87 | ppb | 154 |
| Ozone | Des Moines | Polk County Health | 6/20/23 | 79 | ppb | 129 |
| Ozone | North Des Moines | Sheldahl, Southern Crossroads | 6/20/23 | 76 | ppb | 119 |
| Ozone | North Davenport | Scott County Park | 6/20/23 | 80 | ppb | 133 |
| Ozone | Central Davenport | Jefferson Elementary | 6/20/23 | 79 | ppb | 129 |
| Ozone | Keosauqua | Lake Sugema | 6/20/23 | 83 | ppb | 143 |
| Ozone | Clinton | Rainbow Park | 6/21/23 | 77 | ppb | 122 |
| Ozone | Pisgah | Forestry Office | 6/21/23 | 75 | ppb | 115 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 6/21/23 | 76 | ppb | 119 |
| Ozone | North Davenport | Scott County Park | 6/21/23 | 75 | ppb | 115 |
| Ozone | Waverly | Waverly Airport | 6/22/23 | 78 | ppb | 126 |
| Ozone | North Cedar Rapids | Coggon | 6/22/23 | 78 | ppb | 126 |

Iowa NAAQS Exceedances, 2023

(continued)

| Monitor Type | Site Location | Site Name | Exceedance | | | |
|-------------------|--------------------|-------------------------------|------------|---------------|-------------------|-----|
| | | | Date | Concentration | Units | AQI |
| Ozone | Cedar Rapids | Linn Public Health | 6/22/23 | 80 | ppb | 133 |
| Ozone | Emmetsburg | Iowa Lakes Coll. | 6/22/23 | 75 | ppb | 115 |
| Ozone | Des Moines | Polk County Health | 6/22/23 | 73 | ppb | 108 |
| Ozone | North Davenport | Scott County Park | 6/22/23 | 73 | ppb | 108 |
| Ozone | Waverly | Waverly Airport | 6/23/23 | 75 | ppb | 115 |
| Ozone | Clinton | Rainbow Park | 6/23/23 | 71 | ppb | 101 |
| Ozone | North Cedar Rapids | Coggon | 6/23/23 | 76 | ppb | 119 |
| Ozone | Cedar Rapids | Linn Public Health | 6/23/23 | 78 | ppb | 126 |
| Ozone | Des Moines | Polk County Health | 6/23/23 | 77 | ppb | 122 |
| Ozone | North Des Moines | Sheldahl, Southern Crossroads | 6/23/23 | 72 | ppb | 105 |
| Ozone | North Davenport | Scott County Park | 6/23/23 | 77 | ppb | 122 |
| Ozone | Central Davenport | Jefferson Elementary | 6/23/23 | 76 | ppb | 119 |
| Ozone | Clinton | Rainbow Park | 6/24/23 | 75 | ppb | 115 |
| Ozone | North Davenport | Scott County Park | 6/24/23 | 74 | ppb | 112 |
| Ozone | Cedar Rapids | Linn Public Health | 6/27/23 | 71 | ppb | 101 |
| Ozone | Central Davenport | Jefferson Elementary | 6/27/23 | 72 | ppb | 105 |
| PM _{2.5} | Iowa City | Hoover School | 6/27/23 | 102.1 | µg/m ³ | 175 |
| PM _{2.5} | Clinton | Chancy Park | 6/27/23 | 93.1 | µg/m ³ | 170 |

Iowa NAAQS Exceedances, 2023

(continued)

| Monitor Type | Site Location | Site Name | Exceedance | | | |
|-------------------|--------------------|----------------------------|------------|---------------|-------------------|-----|
| | | | Date | Concentration | Units | AQI |
| PM _{2.5} | Central Davenport | Jefferson Elementary | 6/27/23 | 93.1 | µg/m ³ | 170 |
| PM _{2.5} | Cedar Rapids | Linn Public Health | 6/27/23 | 95.1 | µg/m ³ | 171 |
| PM _{2.5} | Muscatine | Muscatine H.S. East Campus | 6/27/23 | 93.0 | µg/m ³ | 170 |
| PM _{2.5} | Des Moines | Des Moines, Health Dept. | 6/27/23 | 52.3 | µg/m ³ | 142 |
| PM _{2.5} | Des Moines | Public Works | 6/27/23 | 59.6 | µg/m ³ | 153 |
| Ozone | Clinton | Rainbow Park | 6/28/23 | 86 | ppb | 151 |
| Ozone | North Cedar Rapids | Coggon | 6/28/23 | 73 | ppb | 108 |
| Ozone | North Davenport | Scott County Park | 6/28/23 | 79 | ppb | 129 |
| Ozone | Central Davenport | Jefferson Elementary | 6/28/23 | 76 | ppb | 119 |
| PM _{2.5} | Iowa City | Hoover School | 6/28/23 | 116.9 | µg/m ³ | 183 |
| PM _{2.5} | Clinton | Chancy Park | 6/28/23 | 133.1 | µg/m ³ | 191 |
| PM _{2.5} | Central Davenport | Jefferson Elementary | 6/28/23 | 127.5 | µg/m ³ | 188 |
| PM _{2.5} | Muscatine | Muscatine H.S. East Campus | 6/28/23 | 125.5 | µg/m ³ | 187 |
| PM _{2.5} | Cedar Rapids | Linn Public Health | 6/28/23 | 110.0 | µg/m ³ | 179 |
| PM _{2.5} | Des Moines | Des Moines, Health Dept. | 6/28/23 | 63.1 | µg/m ³ | 155 |
| PM _{2.5} | Des Moines | Public Works | 6/28/23 | 76.8 | µg/m ³ | 162 |
| PM ₁₀ | Buffalo | Linwood Mining | 6/28/23 | 160 | µg/m ³ | 103 |
| PM _{2.5} | Iowa City | Hoover School | 6/29/23 | 100.6 | µg/m ³ | 188 |

Iowa NAAQS Exceedances, 2023

(continued)

| Monitor Type | Site Location | Site Name | Exceedance | | | |
|-------------------|-------------------|----------------------------|------------|---------------|-------------------|-----|
| | | | Date | Concentration | Units | AQI |
| PM _{2.5} | Clinton | Chancy Park | 6/29/23 | 78.9 | µg/m ³ | 163 |
| PM _{2.5} | Central Davenport | Jefferson Elementary | 6/29/23 | 67.0 | µg/m ³ | 157 |
| PM _{2.5} | Cedar Rapids | Linn Public Health | 6/29/23 | 103.3 | µg/m ³ | 176 |
| PM _{2.5} | Des Moines | Des Moines, Health Dept. | 6/29/23 | 38.3 | µg/m ³ | 108 |
| PM _{2.5} | Des Moines | Public Works | 6/29/23 | 41.9 | µg/m ³ | 117 |
| PM _{2.5} | Waterloo | Water Tower | 6/29/23 | 56.2 | µg/m ³ | 151 |
| PM _{2.5} | Muscatine | Muscatine H.S. East Campus | 6/29/23 | 76.0 | µg/m ³ | 162 |
| PM _{2.5} | Keosauqua | Lake Sugema | 6/29/23 | 38.7 | µg/m ³ | 109 |
| PM _{2.5} | Clinton | Rainbow Park | 6/29/23 | 84.1 | µg/m ³ | 166 |
| PM _{2.5} | Muscatine | Greenwood Cemetery | 6/29/23 | 76.8 | µg/m ³ | 162 |
| PM _{2.5} | Muscatine | Musser Park | 6/29/23 | 77.6 | µg/m ³ | 162 |
| PM _{2.5} | Davenport | Hayes School | 6/29/23 | 70.5 | µg/m ³ | 159 |
| PM _{2.5} | Des Moines | Des Moines, Health Dept. | 7/15/23 | 44.5 | µg/m ³ | 123 |
| PM _{2.5} | Des Moines | Public Works | 7/15/23 | 47.4 | µg/m ³ | 130 |
| PM _{2.5} | Muscatine | Muscatine H.S. East Campus | 7/16/23 | 52.3 | µg/m ³ | 142 |
| PM _{2.5} | Iowa City | Hoover School | 7/16/23 | 49.5 | µg/m ³ | 135 |
| PM _{2.5} | Central Davenport | Jefferson Elementary | 7/16/23 | 45.3 | µg/m ³ | 125 |
| PM _{2.5} | Cedar Rapids | Linn Public Health | 7/16/23 | 46.9 | µg/m ³ | 129 |

Iowa NAAQS Exceedances, 2023

(continued)

| Monitor Type | Site Location | Site Name | Exceedance | | Units | AQI |
|-------------------|----------------|--------------------------|------------|---------------|-------------------|-----|
| | | | Date | Concentration | | |
| PM _{2.5} | Des Moines | Des Moines, Health Dept. | 7/16/23 | 61.6 | µg/m ³ | 154 |
| PM _{2.5} | Des Moines | Public Works | 7/16/23 | 67.2 | µg/m ³ | 157 |
| PM _{2.5} | Emmetsburg | Iowa Lakes Coll. | 9/6/23 | 41.6 | µg/m ³ | 116 |
| PM _{2.5} | Red Oak | Viking Lake | 9/6/23 | 50.0 | µg/m ³ | 137 |
| PM _{2.5} | Sioux City | Irving School | 9/6/23 | 58.0 | µg/m ³ | 152 |
| PM _{2.5} | Council Bluffs | Franklin School | 9/6/23 | 55.5 | µg/m ³ | 151 |

Iowa NAAQS Exceedances, 2023

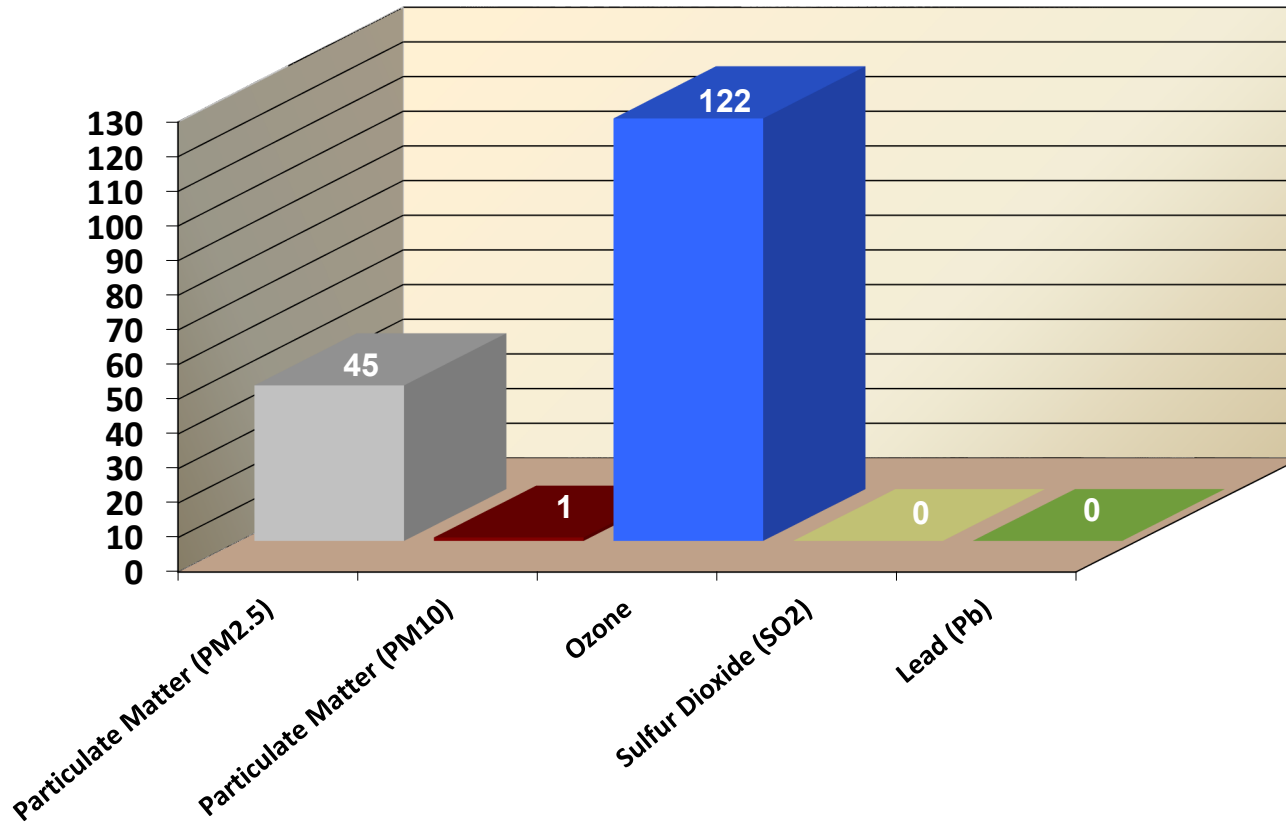
| Date | PM _{2.5} | PM ₁₀ | Ozone | SO ₂ | Lead |
|---------|-------------------|------------------|-------|-----------------|------|
| 5/18/23 | 2 | | 1 | | |
| 5/21/23 | | | 1 | | |
| 5/22/23 | | | 2 | | |
| 5/23/23 | | | 6 | | |
| 5/24/23 | | | 6 | | |
| 5/28/23 | | | 3 | | |
| 5/29/23 | | | 6 | | |
| 5/30/23 | | | 5 | | |
| 5/31/23 | | | 2 | | |
| 6/2/23 | | | 3 | | |
| 6/3/23 | | | 12 | | |
| 6/4/23 | | | 5 | | |
| 6/5/23 | | | 6 | | |
| 6/6/23 | | | 5 | | |
| 6/7/23 | | | 1 | | |

Iowa NAAQS Exceedances, 2023

(continued)

| Date | PM _{2.5} | PM ₁₀ | Ozone | SO ₂ | Lead |
|--------------|-------------------|------------------|------------|-----------------|----------|
| 6/10/23 | | | 4 | | |
| 6/13/23 | | | 2 | | |
| 6/14/23 | | | 5 | | |
| 6/15/23 | 4 | | 3 | | |
| 6/19/23 | | | 6 | | |
| 6/20/23 | | | 12 | | |
| 6/21/23 | | | 4 | | |
| 6/22/23 | | | 6 | | |
| 6/23/23 | | | 8 | | |
| 6/24/23 | | | 2 | | |
| 6/27/23 | 7 | | 2 | | |
| 6/28/23 | 7 | 1 | 4 | | |
| 6/29/23 | 13 | | | | |
| 7/15/23 | 2 | | | | |
| 7/16/23 | 6 | | | | |
| TOTAL | 45 | 1 | 122 | 0 | 0 |

Iowa NAAQS Exceedances, 2023



Web Resources

Real-time Air Monitoring Data:

[In Polk County](#)

[In Linn County](#)

[Outside Polk and Linn Counties \(SHL\)](#)

[Attainment Calculations](#)

[National Ozone and Particulate Maps](#)

[Historical Air Monitoring Data for Iowa and Other States](#)