

# Iowa Ozone Monitoring Locations and Design Values for Ozone 2006-2008

A design value is a tool that can be used to understand pollution levels at a specific location. A design value may be set for any pollutant. The U.S. EPA's official definition is explained this way: "a design value is the mathematically determined pollutant concentration at a particular site that must be reduced to, or maintained at or below the National Ambient Air Quality Standard to assume attainment." The design value number tells us how a particular site or area compares with the National Ambient Air Quality Standards (NAAQS).

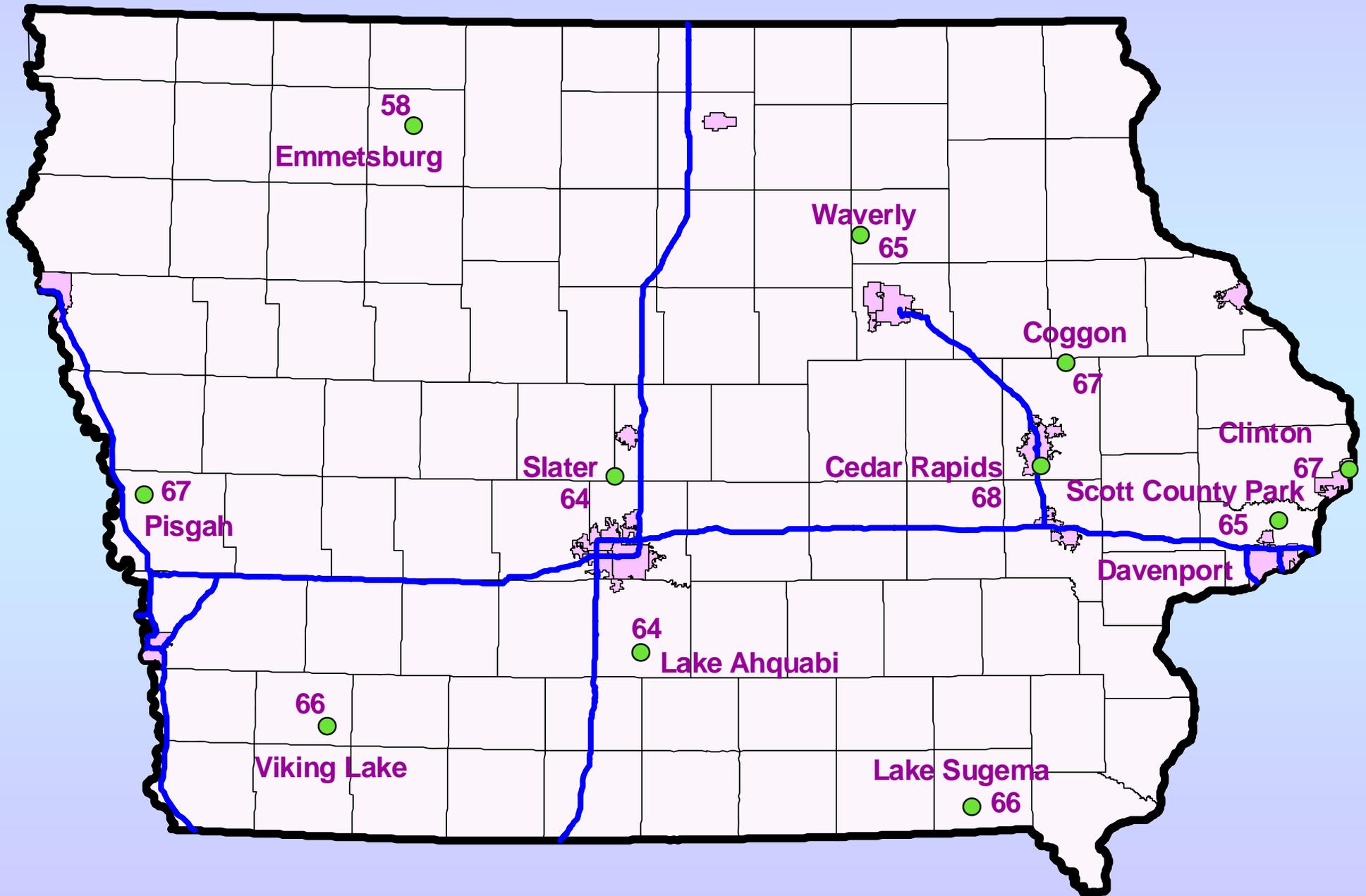
Iowa ozone monitor location and information is detailed on the following pages. The EPA design value for 8-hour ozone is equal to the average of the 4th highest annual daily maximum 8-hour value for the most recent three years. EPA promulgated new lower ozone standards on March 12, 2008. A monitoring site must have a design value less than 76 parts per billion to be considered "in attainment" with the ozone NAAQS. All monitoring sites in Iowa are in attainment with the 8-hour ozone NAAQS. Additional information on the revised ozone standard is available here:

<http://www.epa.gov/oar/ozonepollution/actions.html>

## Iowa Ozone Monitors (2008)

AQS Site ID	Site Name	Location	County
19-017-0011	Waverly Airport	Waverly	Bremer
19-045-0021	Rainbow Park	Clinton	Clinton
19-085-1101	Pisgah	Pisgah	Harrison
19-113-0028	Kirkwood Community College	Cedar Rapids	Linn
19-113-0033	Coggon	Coggon	Linn
19-137-0002	Viking Lake State Park	Red Oak	Montgomery
19-147-1002	Iowa Lakes Community College	Emmetsburg	Palo Alto
19-153-0030	Polk County Health	Des Moines	Polk
19-163-0014	Scott County Park	Davenport	Scott
19-163-0015	10th and Vine	Davenport	Scott
19-169-0011	Slater Elementary	Slater	Story
19-177-0005	Sugema	Lake Sugema	Van Buren
19-181-0022	Ahquabi	Indianola	Warren

# Iowa Ozone Design Values: 2006-2008



# Web Resources

## **Iowa Real-time Data Reporting :**

*In Polk County:*

<http://www.airquality.co.polk.ia.us/Default.aspx>

*In Linn County:*

<http://www.linncleanair.org/>

*Outside Polk and Linn Counties:*

<http://www.uhl.uiowa.edu/services/ambient/index.xml>

*Design Values for All Pollutants Nationwide:*

<http://www.epa.gov/airtrends/values.html>

*Ozone Maps:*

<http://airnow.gov/>

**Historical Air Pollution Data for Iowa and Other States:**

<http://www.epa.gov/air/data/>