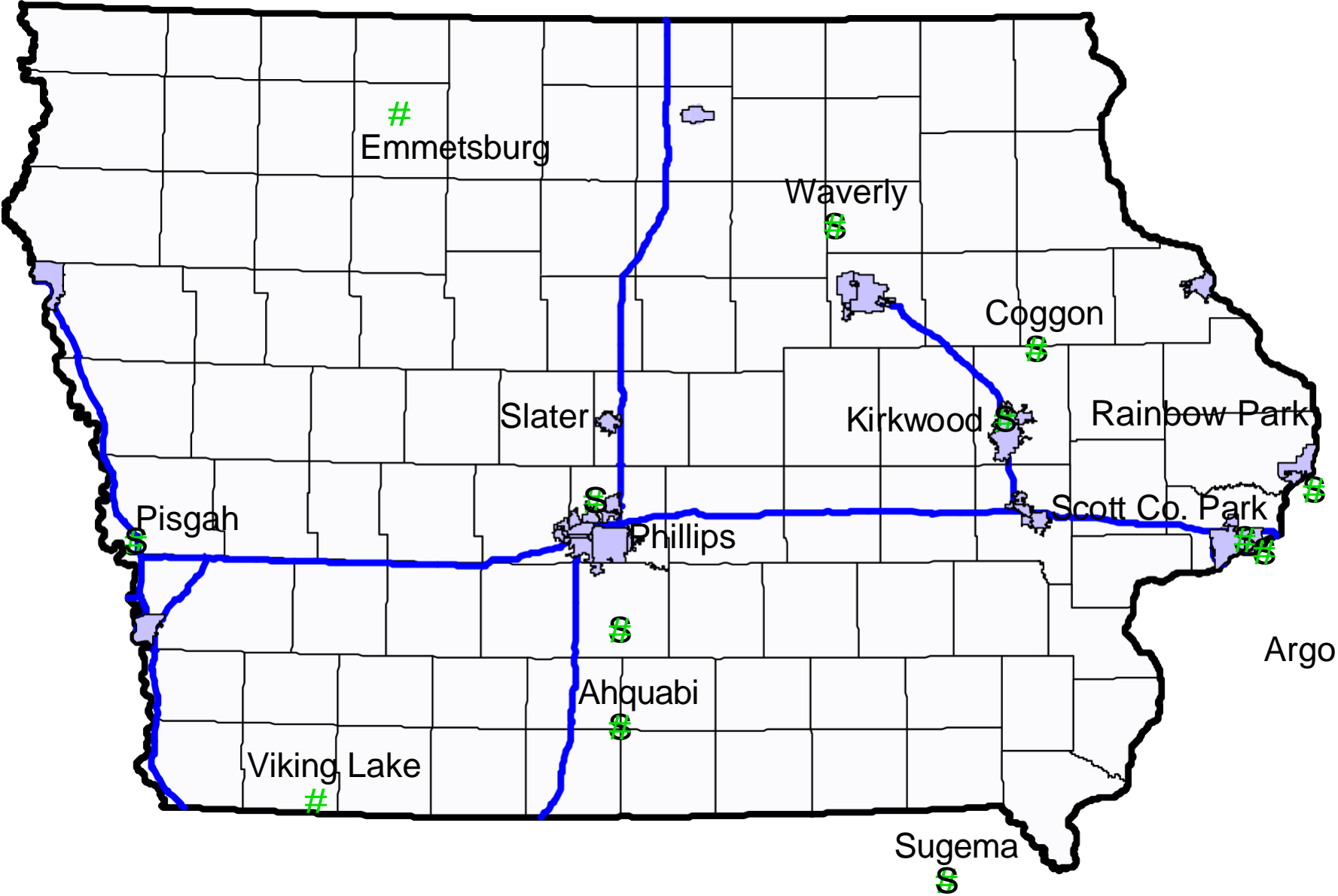


# Iowa Ozone Monitoring Locations and Design Values for Ozone 2002-2004

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. A monitoring site must have a design value less than 85 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.

# Iowa Ozone Monitoring Sites 2004



## Iowa Ozone Monitors

<b>AQS Site ID</b>	<b>Site Name</b>	<b>Location</b>	<b>County</b>
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
19-153-0058	Phillips School	Des Moines	Polk
19-163-0014	Scott County Park	Davenport	Scott
19-163-2011	Argo	Argo	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

**Three Year Averages Greater Than 85 ppb Indicate Non-Attainment with the NAAQS**

County	City	EPA Site Id	Year	4th Highest Daily Maximum 8hr Ozone Concentration (ppb)		
				3-year Average (ppb) of 4th Highest		Years Averaged
Bremer	Waverly	19-017-0011	2002	69	67	02-04
			2003	70		
			2004	63		
Clinton	Clinton	19-045-0021	2002	80	73	02-04
			2003	75		
			2004	66		
Harrison	Pisgah	19-085-1101	2002	78	74	02-04
			2003	74		
			2004	71		
Linn	Cedar Rapids	19-113-0028	2002	72	66	02-04
			2003	67		
			2004	61		
Linn	Coggon	19-113-0033	2002	70	67	02-04
			2003	68		
			2004	64		
Montgomery	Red Oak (Viking Lake)	19-137-0002	2002	74	67	02-04
			2003	70		
			2004	58		
Palo Alto	Emmetsburg	19-147-1002	2002	65	62	02-04
			2003	63		
			2004	58		
Polk	Des Moines	19-153-0058	2002	59	56	02-04
			2003	51		
			2004	59		
Scott	Davenport	19-163-0014	2002	82	75	02-04
			2003	76		
			2004	69		
Scott	Argo	19-163-2011	2002	80	73	02-04
			2003	73		
			2004	67		
Story	Slater	19-169-0011	2002	64	58	02-04
			2003	58		
			2004	53		
Van Buren	Keosauqua (Lake Sugema)	19-177-0005	2002	80	72	02-04
			2003	73		
			2004	63		
Warren	Indianola	19-181-0022	2002	61	57	02-04
			2003	61		
			2004	51		