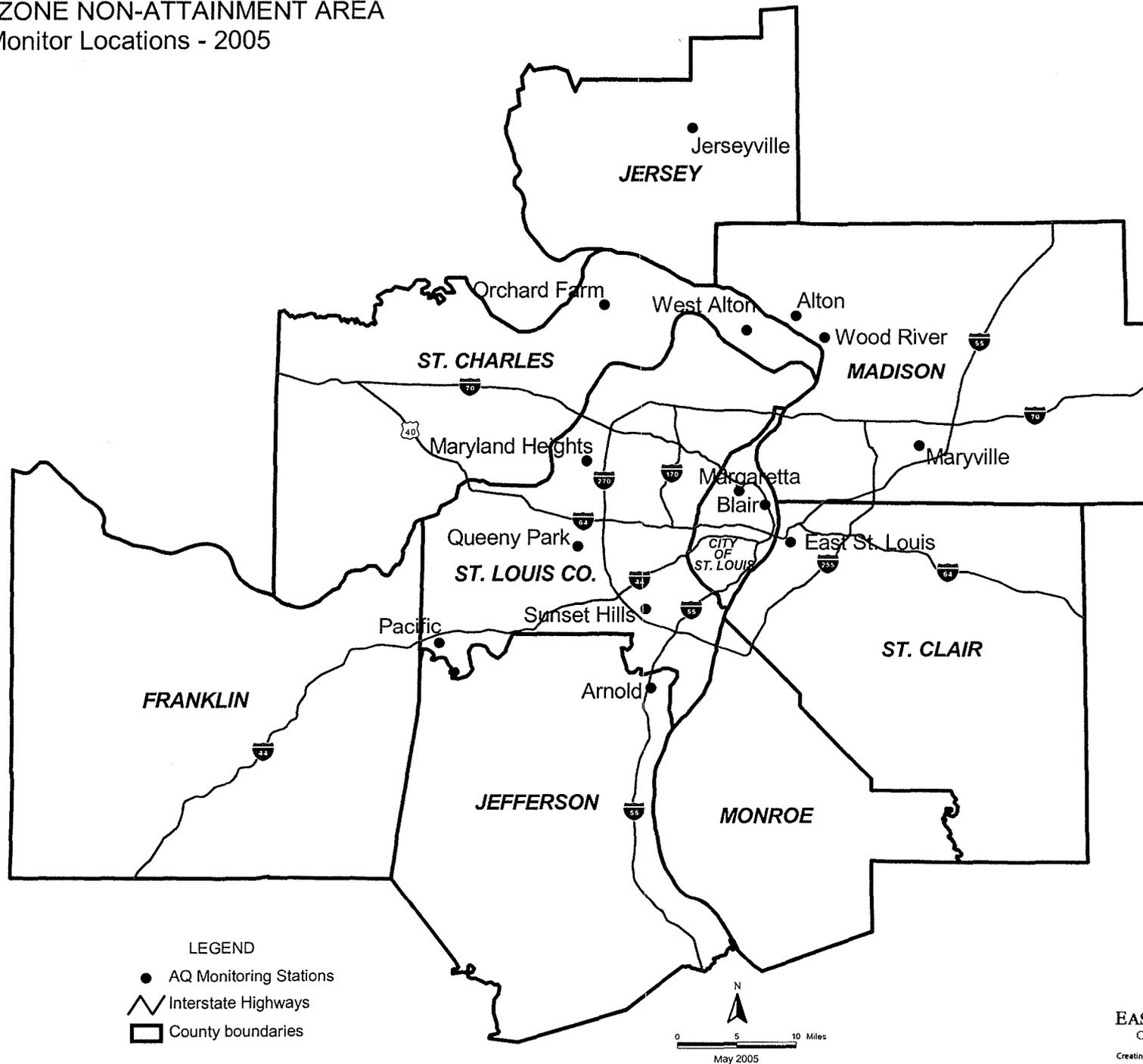
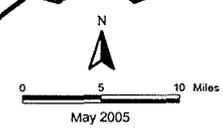


8-HOUR OZONE NON-ATTAINMENT AREA  
 Monitor Locations - 2005



- LEGEND
- AQ Monitoring Stations
  - ▬ Interstate Highways
  - ▭ County boundaries



**2005 OZONE DATA TRACKING PROJECT**  
**MONITORS WITH EXCEEDANCES OF THE EIGHT-HOUR OZONE STANDARD**  
 Illinois - May 1 - August 15, 2005; Missouri - April 1- August 15, 2005  
**Based on Information Received by East-West Gateway**

An exceedance of the eight-hour ozone standard is considered to occur whenever an eight-hour average of values from a monitor is calculated to be .085 ppm (or 85 ppb) or greater on any day. This information is preliminary and was developed by the Missouri Department of Natural Resources and the Illinois Environmental Protection Agency. This data is not final as it has not been quality assured.

**MISSOURI**

<b>Monitor</b>	<b>Number of Exceedances</b>
Arnold	2
West Alton	8
Orchard Farm	8
Queeny Park	3
Maryland Heights	9
Sunset Hills	6
Pacific	5
Blair St.	6
Margaretta	7
Missouri Subtotal	<u>54</u>

**ILLINOIS**

<b>Monitor</b>	<b>Number of Exceedances</b>
Wood River	6
Maryville	5
Alton	6
East St. Louis	6
Jerseyville	<u>2</u>
Illinois Subtotal	25

**Regional Total**                      79

**22 Days with Exceedances of the Eight-Hour Ozone Standard**

June 21	6 exceedances	July 29	3 exceedances
June 22	7 exceedances	August 1	1 exceedance
June 23	3 exceedances	August 2	2 exceedances
June 24	8 exceedances	August 7	4 exceedances
June 25	2 exceedances	August 8	6 exceedances
June 26	3 exceedances	August 9	4 exceedances
June 27	1 exceedance	August 10	4 exceedances
June 28	8 exceedances	August 11	1 exceedance
June 29	6 exceedances		
June 30	3 exceedances		
July 8	3 exceedances		
July 9	1 exceedance		
July 16	3 exceedances		
July 23	2 exceedances		

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2003-2005 Violations of the 8-Hour Ozone Standard  
By Monitor (in ppb)

MONITOR	2003	2004	2005	2005 CRITICAL VALUE
<b>Missouri</b>				
Arnold	80	70	82	105
West Alton	91	77	<b>88</b>	<b>87</b>
Orchard Farm	90	76	<b>89</b>	<b>89</b>
Queeny Park	86	67	82	102
Maryland Heights	NA	NA	89	NA
Pacific	NA	NA	87	NA
Sunset Hills	88	70	89	97
Blair St. (City)	NA	NA	89	NA
Margaretta (City)	90	72	91	93
<b>Illinois</b>				
Wood River	83	73	87	97
Maryville	88	78	88	89
Alton	89	74	91	92
East St. Louis	79	73	94	103
Jerseyville	83	73	83	99

Based on information from Missouri Department of Natural Resources and Illinois Environmental Protection Agency.

NA - Not Applicable

2005 Critical Value is the 4<sup>th</sup> highest average which would put a monitor in violation of the eight-hour ozone standard, based on 2003-2005 data.

Violations of the eight-hour ozone standard are in **bold**.

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