

**National Ambient Air Quality Standards for Ozone**  
**Attainment Analysis**

Lake Michigan Air Directors Consortium

**December 21, 2009**

## DATA SUMMARY

1997 8-Hour Ozone Standard = 0.084 ppm

2008 8-Hour Ozone Standard = 0.075 ppm

Number of Ozone Monitors Exceeding the 2008 Ozone Standard Based on 2006 – 2008 Data:

- Illinois – 4 out of 37 (10.8%)
- Indiana – 13 out of 40 (32.5%)
- Michigan – 14 out of 27 (51.9%)
- Minnesota – 0 out of 16 (0.0%)
- Ohio – 29 out of 49 (59.2%)
- Wisconsin – 3 out of 33 (9.1%)

The following maps are included:

- 2006 – 2008 Ozone Design Values
- Percent Change in Ozone Design Values Compared to 2007 – 2009  
Note: 2007 – 2009 Design Values Are Preliminary
- 2010 Critical Values  
Note: These Data Are Preliminary

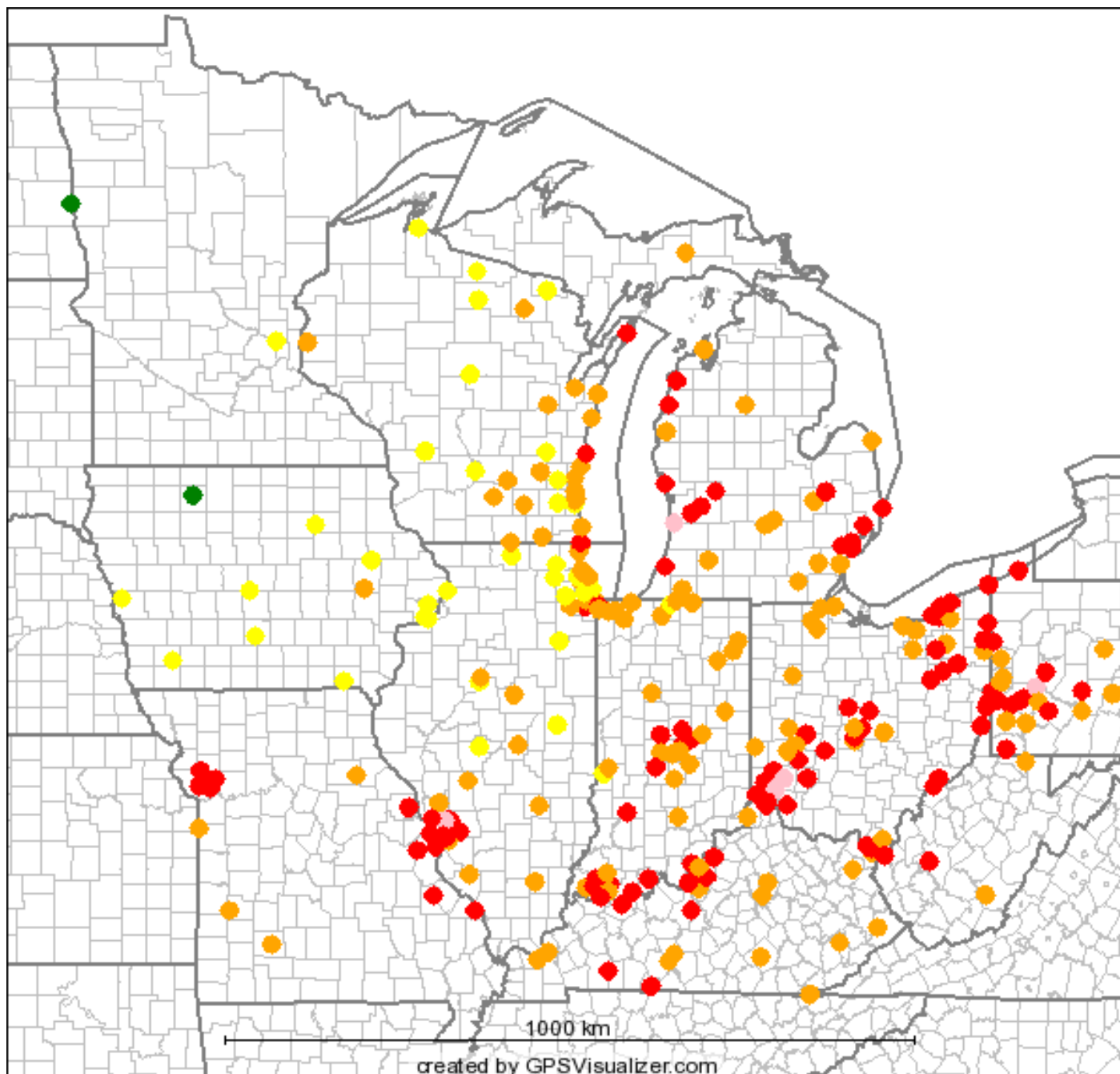
The included tables list ozone design values for all active air quality monitors, as of 2008, for the following time periods: 2003 – 2005, 2004 – 2006, 2005 – 2007, 2006 – 2008, and 2007 – 2009. The state-specific design values are sorted based on 2006 – 2008 data and shaded according to their nearness to exceeding the ozone standards, both 1997 and 2008. The 2007 – 2009 data are preliminary. A comparison of 2006 – 2008 design values between states is provided. Finally, a table of 2010 critical values is provided.






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

**2009 Ozone Data Reference:** <http://www.airnowtech.org/>

## 2006 – 2008 Ozone (O<sub>3</sub>)

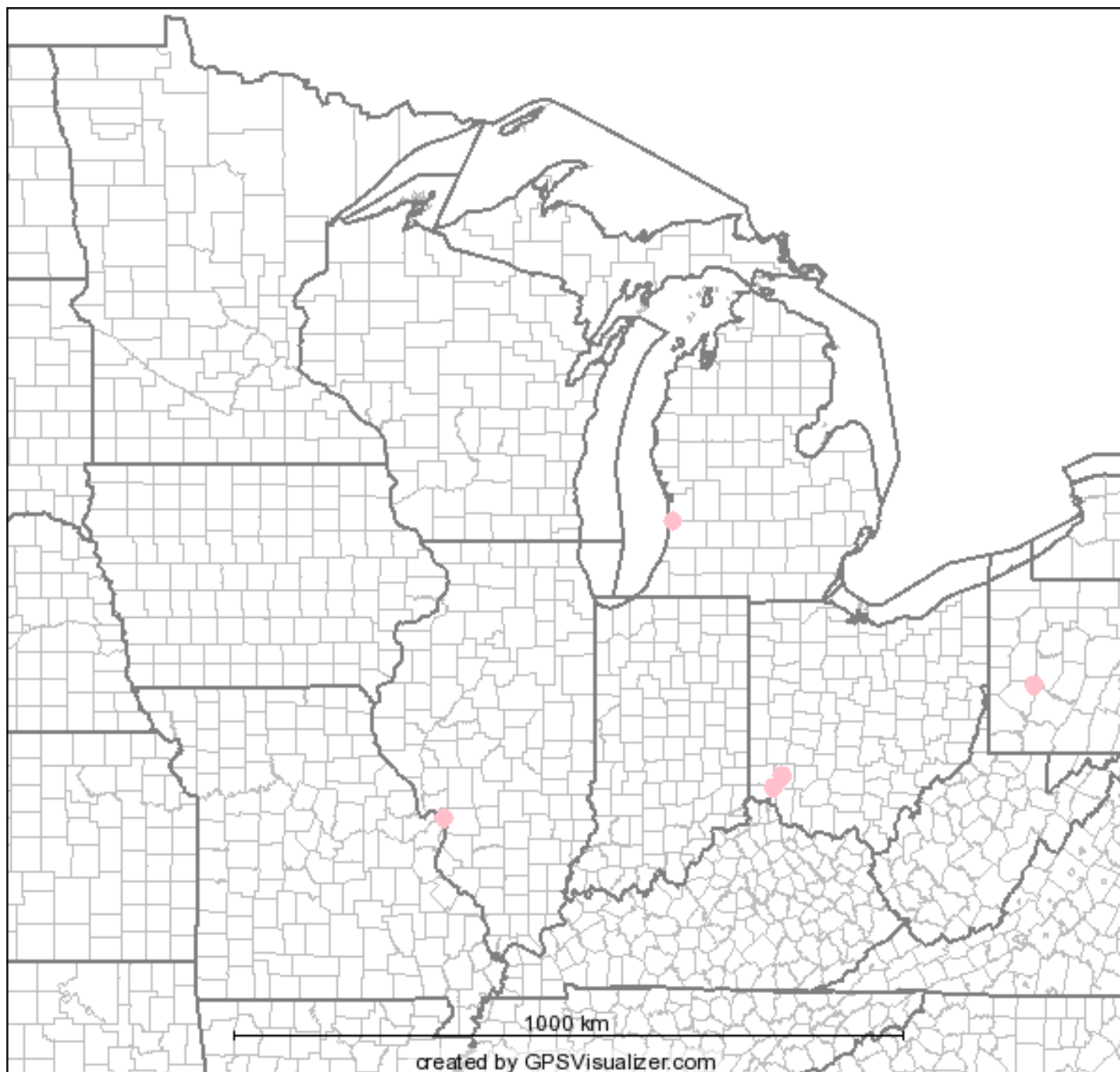
### 8-Hr Design Value Attainment Analysis








	<b>Exceeds the 1997 Standard</b> > 0.084 ppm
	<b>Exceeds the 2008 Standard</b> 0.076 – 0.084 ppm
	<b>&gt; 90% of the 2008 Standard</b> 0.068 – 0.075 ppm
	<b>&gt; 80% of the 2008 Standard</b> 0.060 – 0.067 ppm
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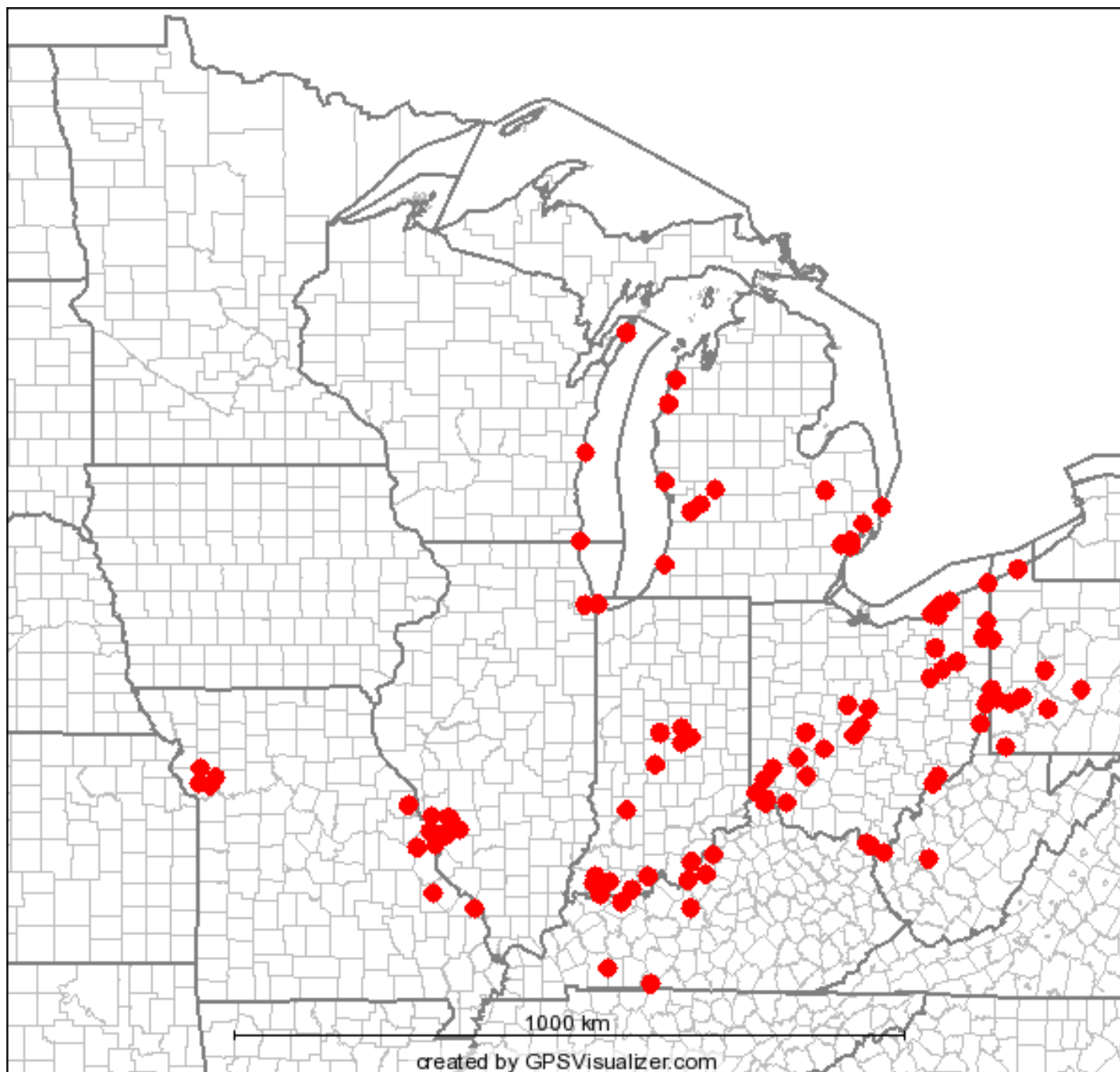
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





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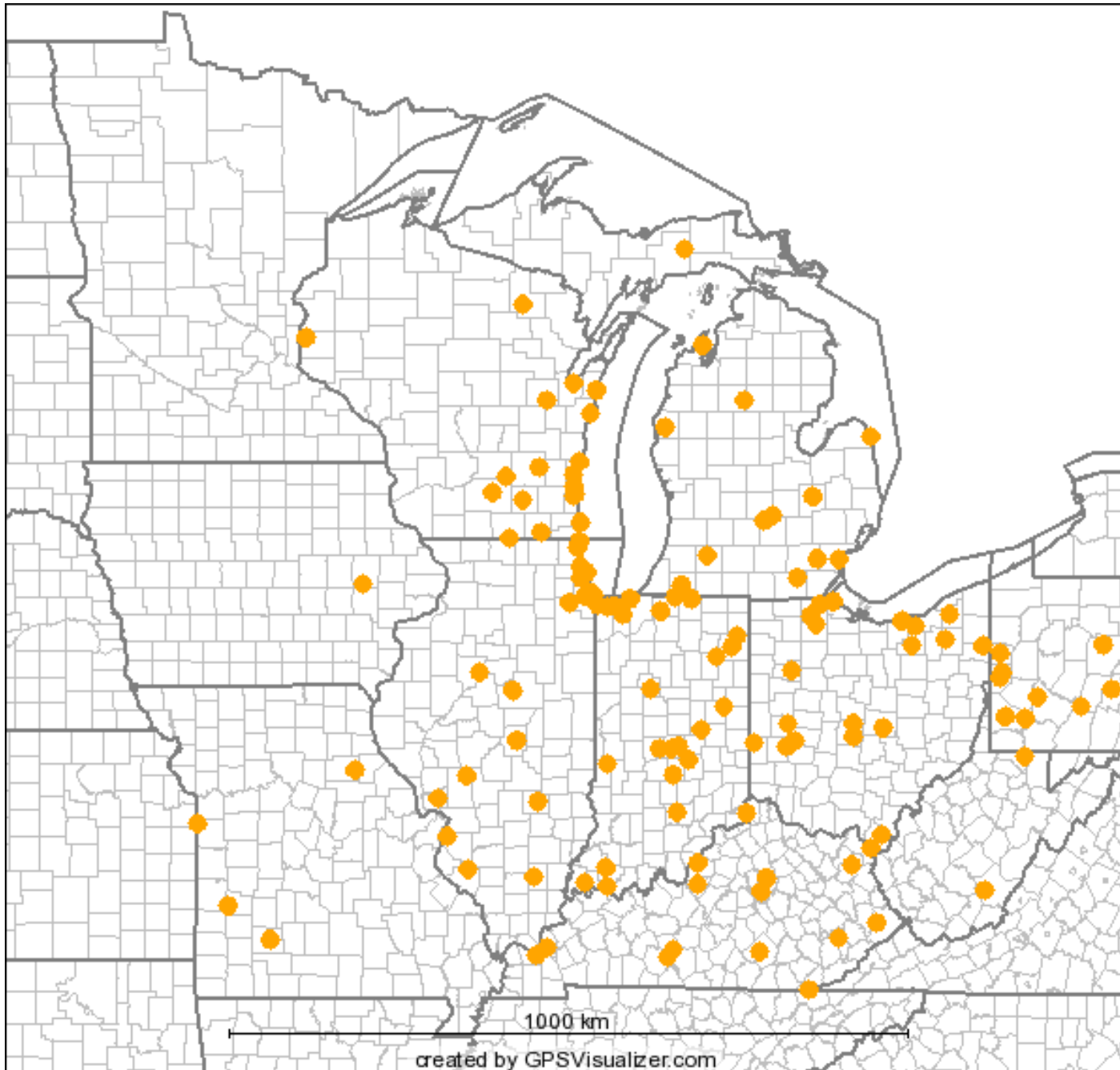
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





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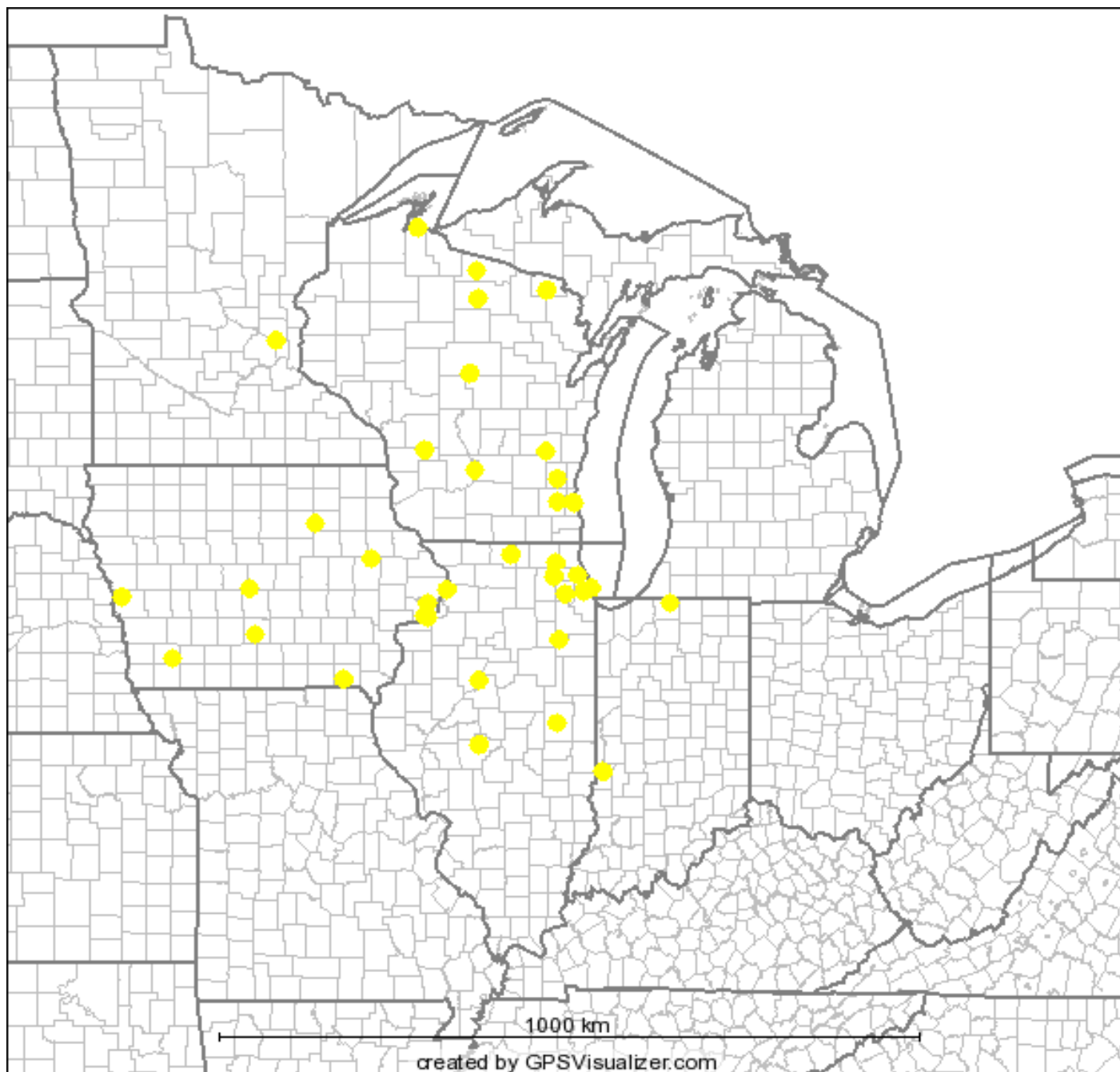
### 8-Hr Design Value Attainment Analysis








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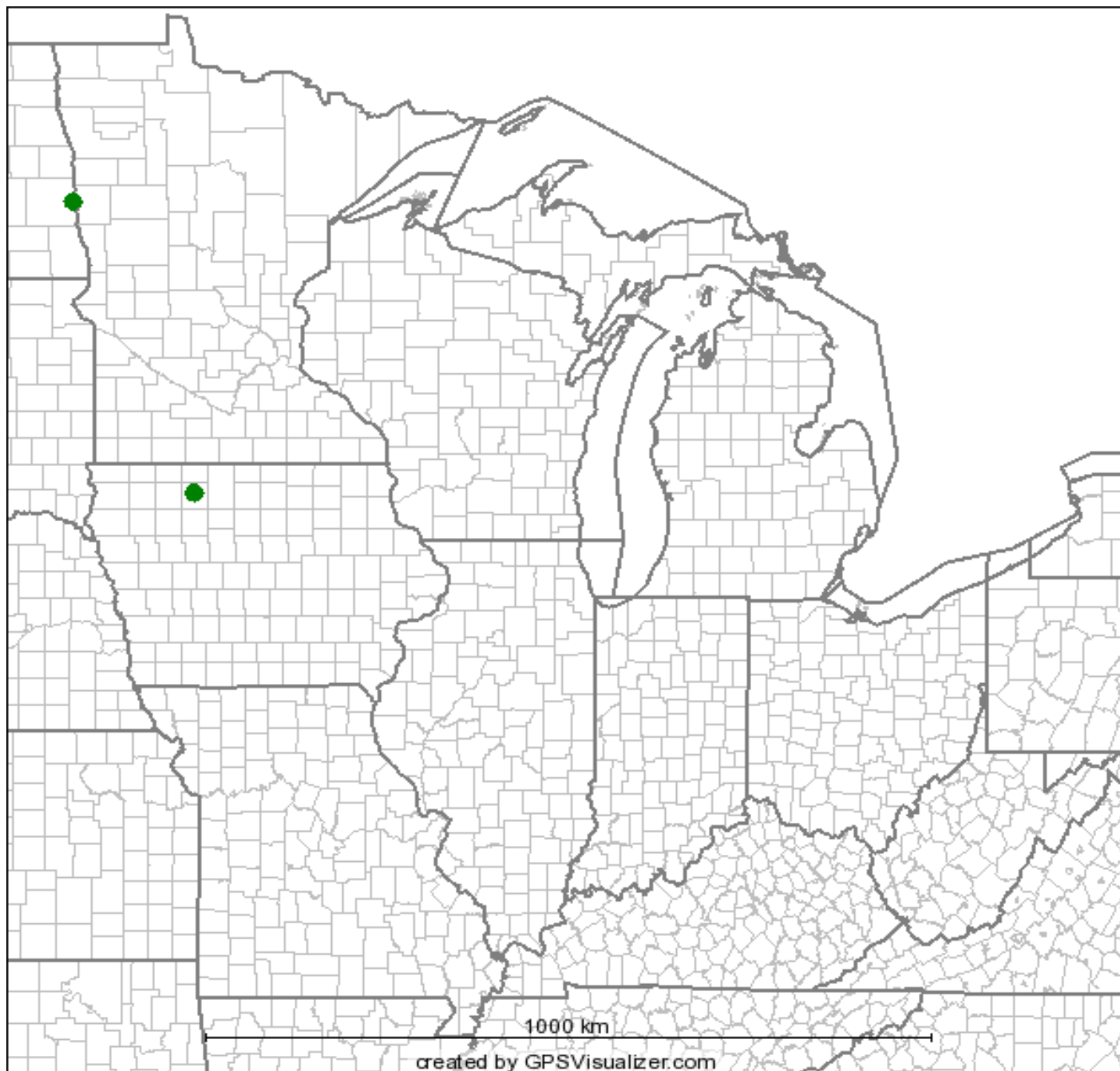
### 8-Hr Design Value Attainment Analysis








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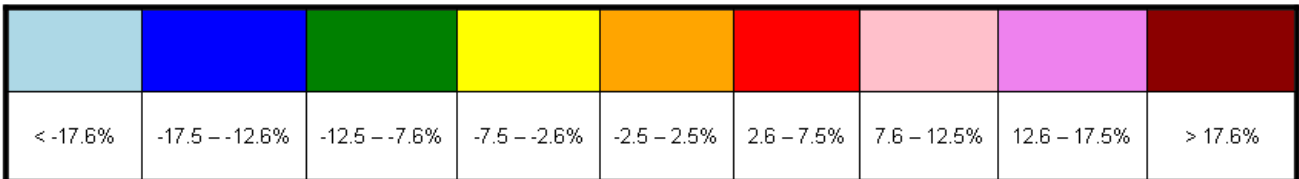
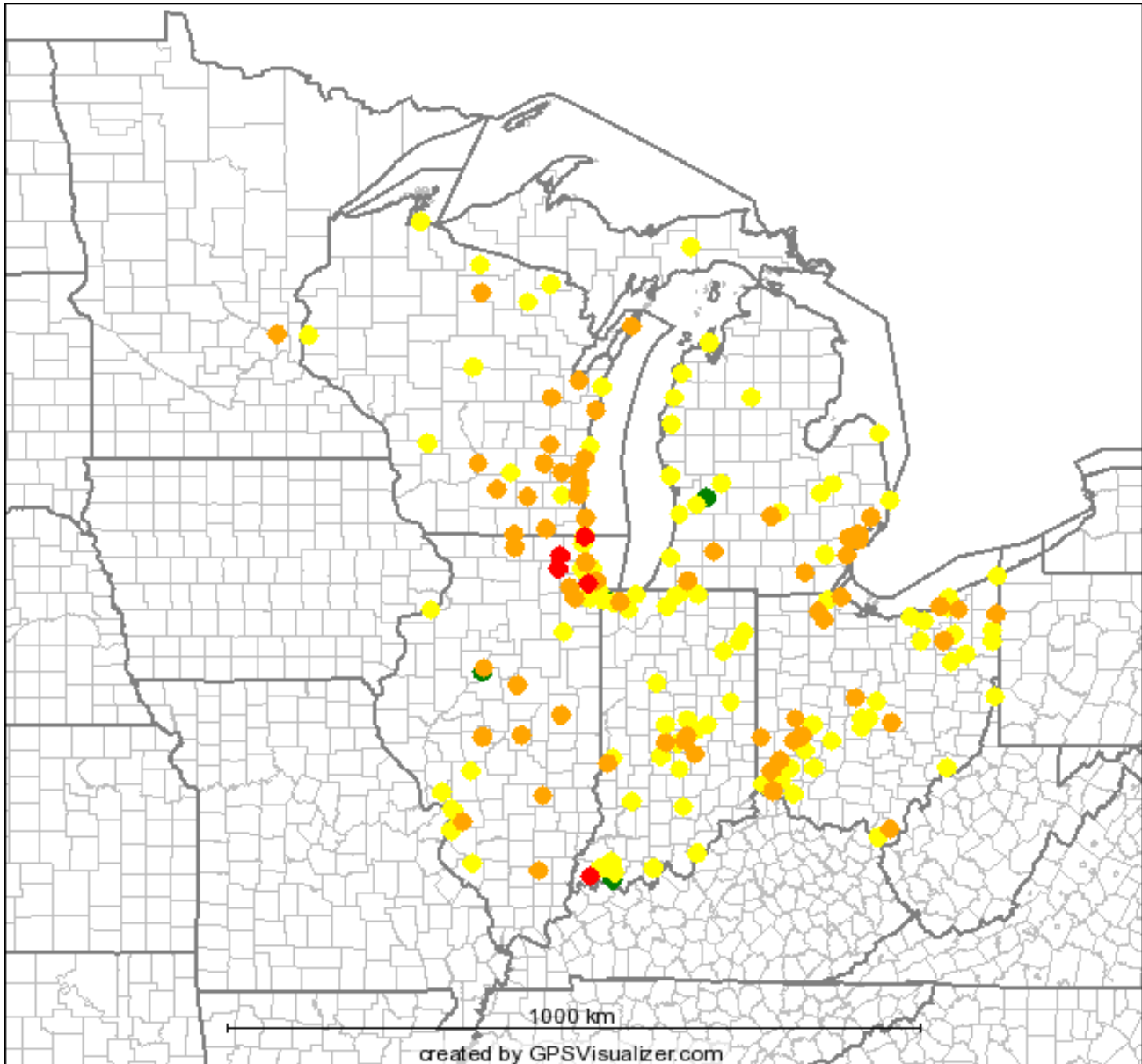
## 2006 – 2008 Ozone (O<sub>3</sub>)

### 8-Hr Design Value Attainment Analysis



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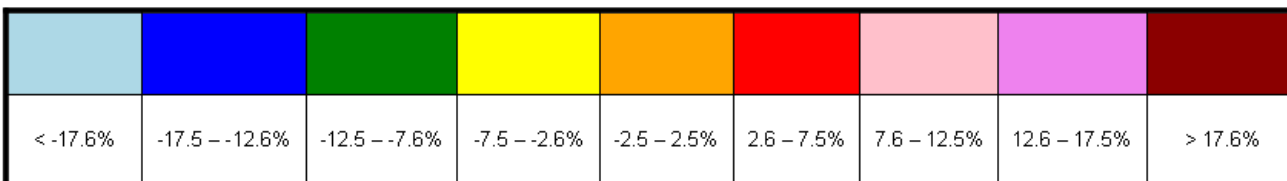
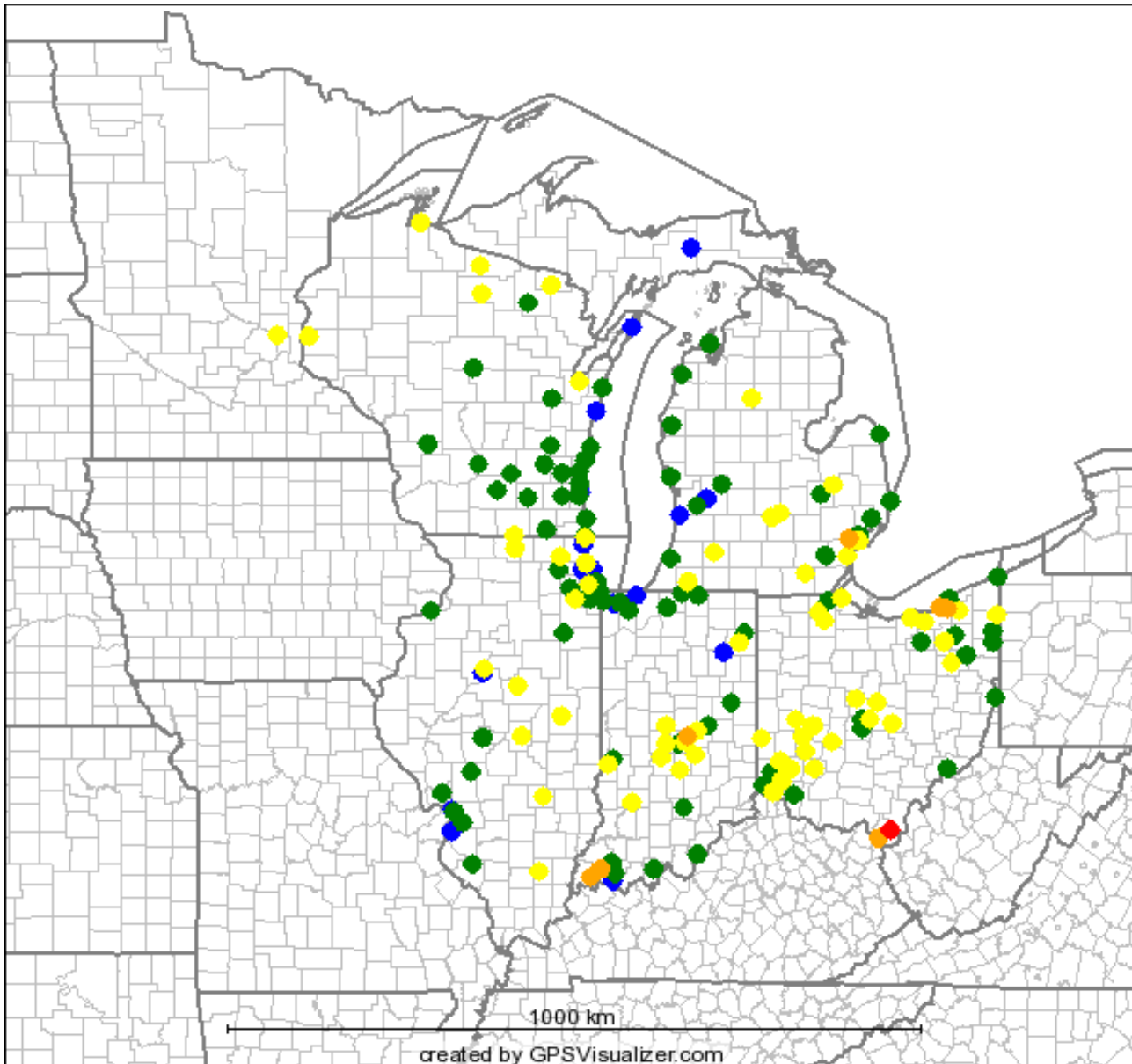




**Percent Change  
2006/08 – 2007/09  
8-Hour O3 Design Values**

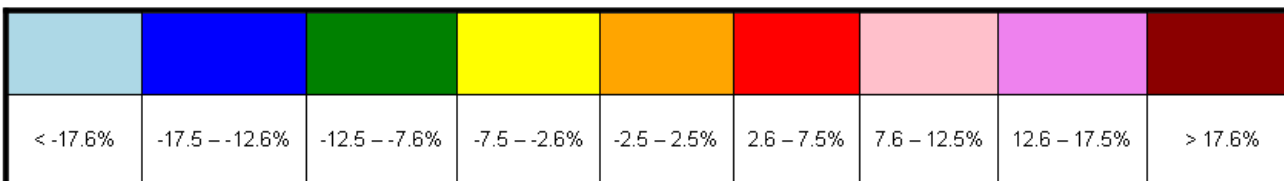
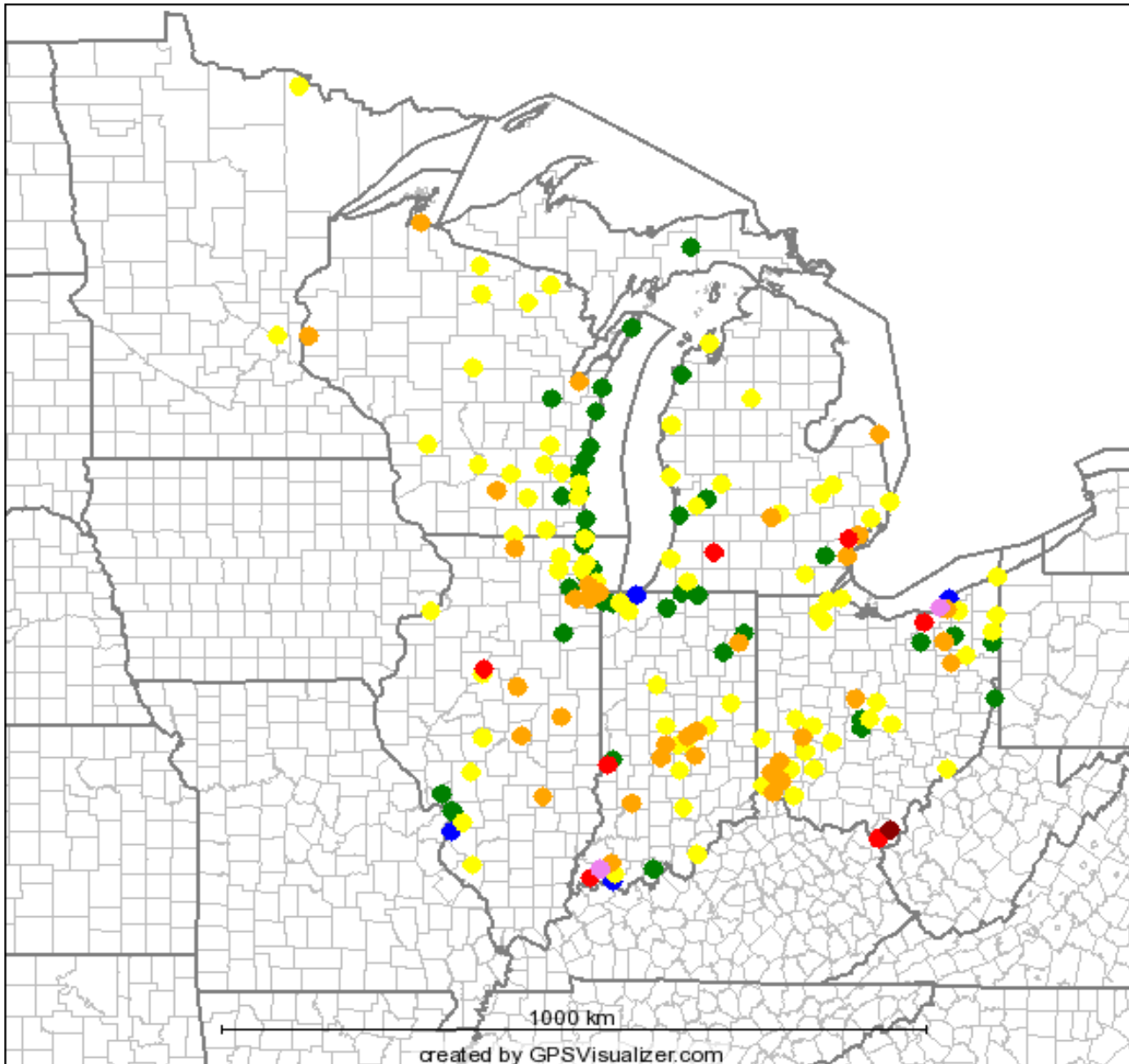
BIGGEST DECREASE		
	SITE ID	% CHANGE
1	181730011	-9.9%
2	180890030	-9.1%
3	260810020	-7.8%
4	171430024	-7.5%
5	171570001	-6.9%
6	180890022	-6.8%
7	261530001	-6.7%
8	390810017	-6.5%
9	181730008	-6.5%
10	181230009	-6.5%
BIGGEST INCREASE		
	SITE ID	% CHANGE
1	170314002	4.8%
2	181290003	4.3%
3	171110001	3.1%
4	170890005	3.0%
5	170971007	2.8%
6	550790010	1.6%
7	172012001	1.5%
8	170314201	1.4%
9	260770008	1.4%
10	-	-

## Percent Change 2005/07 – 2007/09 8-Hour O3 Design Values



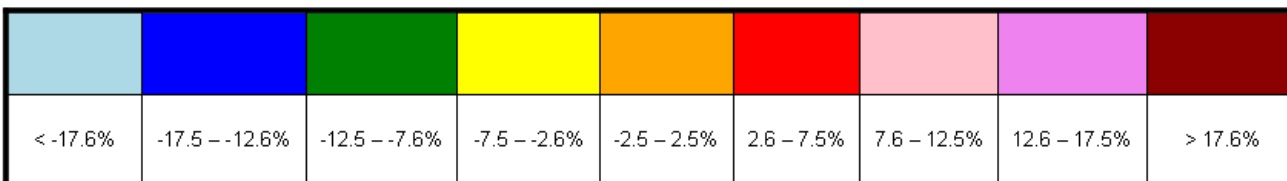
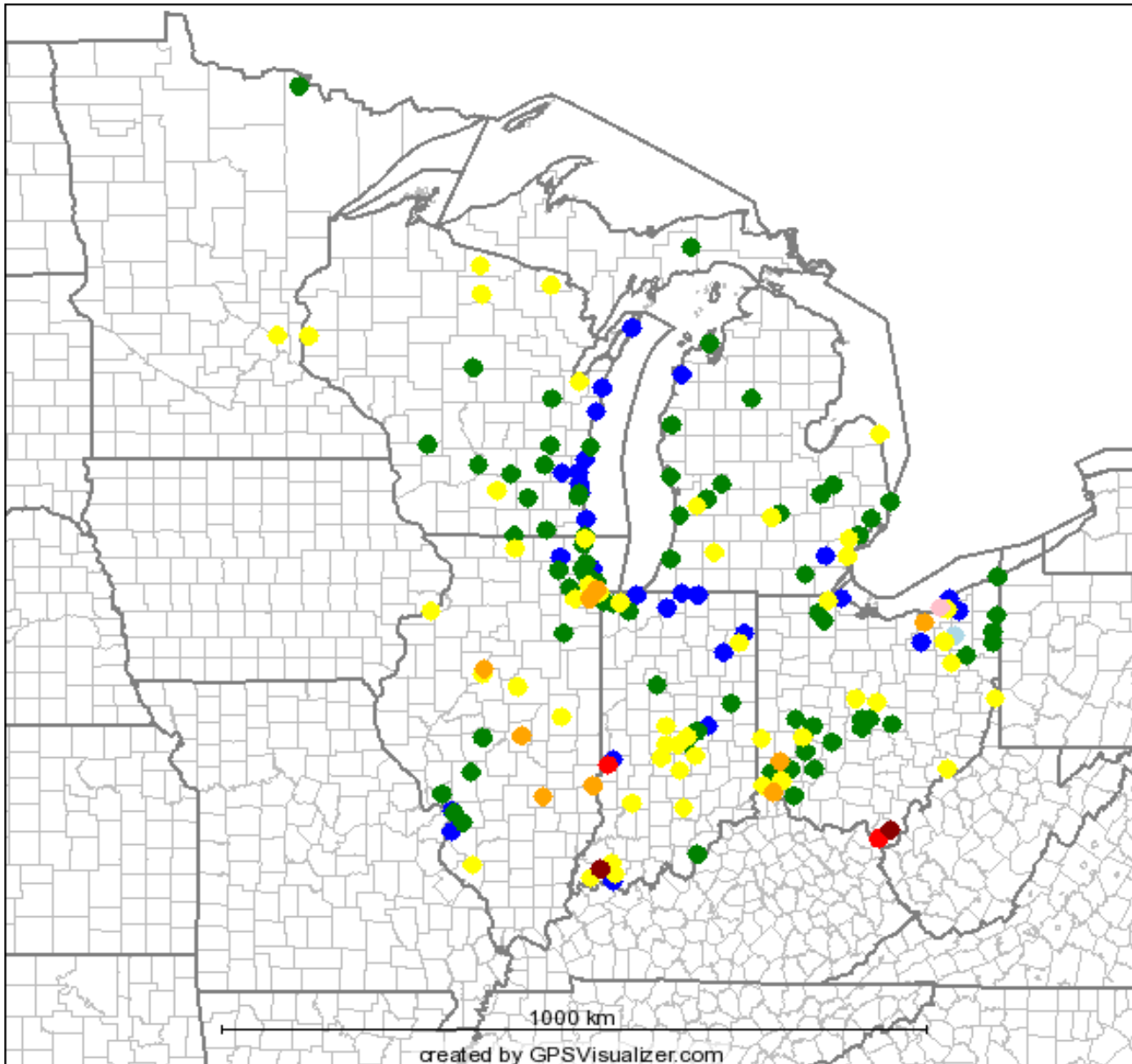
BIGGEST DECREASE		
	SITE ID	% CHANGE
1	180890030	-17.6%
2	180890022	-17.1%
3	181730011	-16.9%
4	170971002	-15.2%
5	261530001	-14.6%
6	550790041	-14.6%
7	171630010	-14.6%
8	260810020	-14.5%
9	180910005	-14.3%
10	170317002	-14.1%
BIGGEST INCREASE		
	SITE ID	% CHANGE
1	390870011	5.8%
2	181630013	1.3%
3	390350034	1.3%
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

## Percent Change 2004/06 – 2007/09 8-Hour O3 Design Values



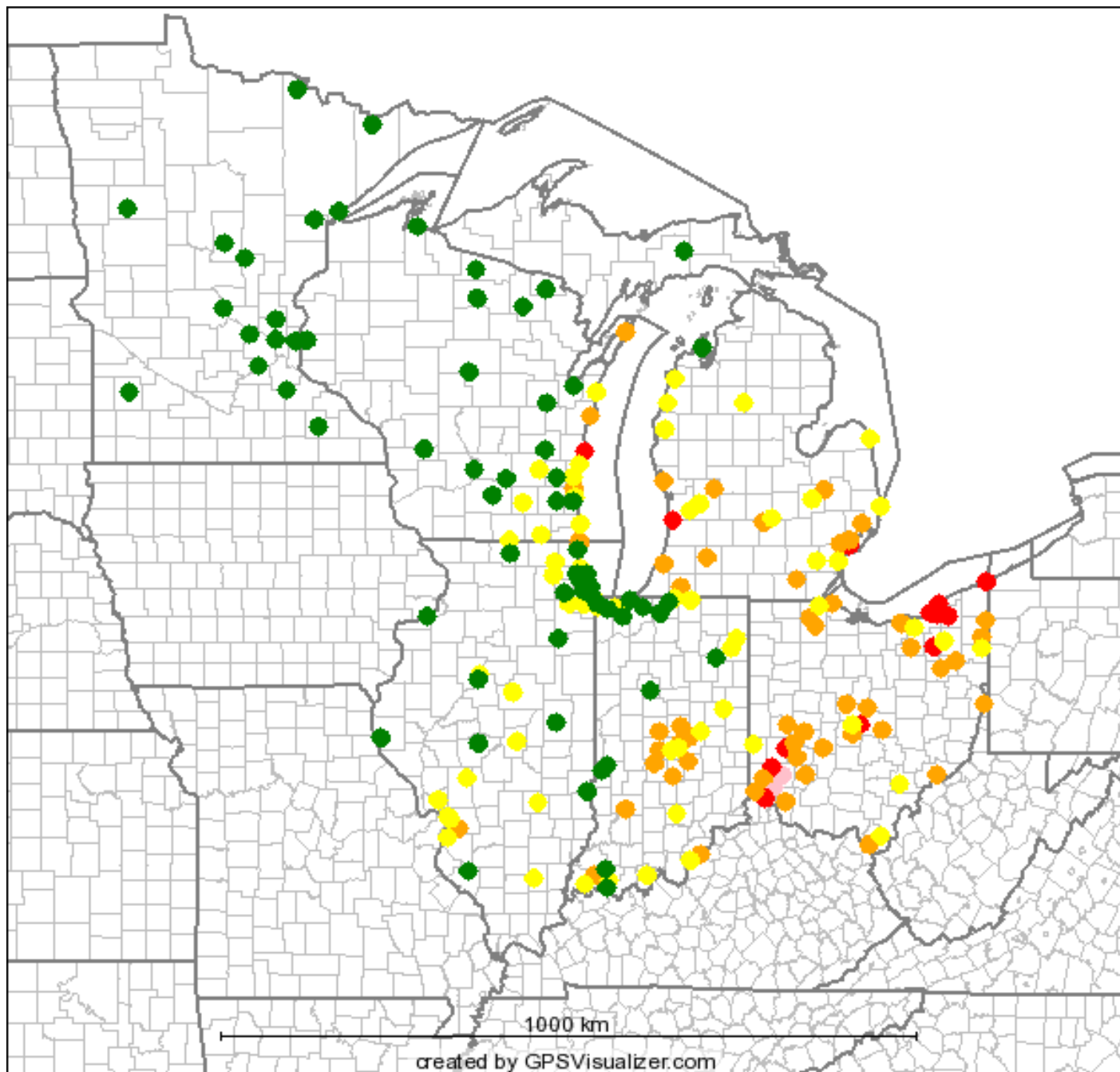
BIGGEST DECREASE		
	SITE ID	% CHANGE
1	181730011	-15.8%
2	390850003	-14.0%
3	171630010	-13.6%
4	180910005	-13.2%
5	391030003	-12.5%
6	170317002	-11.8%
7	550790041	-11.4%
8	551330027	-11.3%
9	171190008	-11.1%
10	391331001	-11.1%
BIGGEST INCREASE		
	SITE ID	% CHANGE
1	390870011	23.7%
2	181630013	16.9%
3	390350034	13.2%
4	181670018	6.7%
5	181290003	5.9%
6	390870006	5.8%
7	390350064	2.9%
8	171431001	2.9%
9	260770008	2.8%
10	261250001	2.7%






## Percent Change 2003/05 – 2007/09 8-Hour O3 Design Values



BIGGEST DECREASE		
	SITE ID	% CHANGE
1	391331001	-18.2%
2	550890009	-17.0%
3	181730011	-16.9%
4	180030002	-16.9%
5	390850003	-16.9%
6	391030003	-16.7%
7	550890008	-16.5%
8	390550004	-16.3%
9	550790041	-15.7%
10	180390007	-15.7%
BIGGEST INCREASE		
	SITE ID	% CHANGE
1	181630013	20.6%
2	390870011	17.7%
3	390350034	11.6%
4	390870006	4.3%
5	181670018	3.2%
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

**2010**  
Ozone (O<sub>3</sub>)  
8-Hr Critical Values



	< 0.070 ppm
	0.070 – 0.079 ppm
	0.080 – 0.089 ppm
	0.090 – 0.099 ppm
	> 0.100 ppm

**ILLINOIS**

SITE LOCATION	COUNTY	SITE ID	2003 - 2005	2004 - 2006	2005 - 2007	2006 - 2008	2007 - 2009
200 W. DIVISION	Madison	171191009	0.084	0.081	0.084	0.078	0.077
409 MAIN ST.	Madison	171190008	0.084	0.081	0.083	0.076	0.072
54 N. WALCOTT	Madison	171193007	0.081	0.079	0.083	0.076	0.073
4500 W. 123RD ST.	Cook	170310001	0.075	0.075	0.082	0.076	0.074
729 HOUSTON	Cook	170311601	0.076	0.074	0.080	0.075	0.074
3300 E. CHELTENHAM PL.	Cook	170310032	0.074	0.072	0.077	0.074	0.071
7801 LAWNSDALE	Cook	170310076	-	0.075	0.079	0.073	0.071
6545 W. HURLBUT ST.	Cook	170311003	0.075	0.075	0.079	0.073	0.069
LIBERTY ST. & COUNTY RD.	Jersey	170831001	0.080	0.078	0.078	0.073	0.070
13TH & TUDOR	Saint Clair	171630010	0.082	0.081	0.082	0.072	0.070
ILLINOIS BEACH STATE PARK	Lake	170971007	0.079	0.076	0.079	0.072	0.074
508 E. GLEN AVE.	Peoria	171431001	0.072	0.070	0.076	0.072	0.072
HICKORY GROVE & FALLVIEW	Randolph	171570001	0.071	0.070	0.075	0.072	0.067
GOLF & JACKSON STS.	Lake	170971002	0.076	0.075	0.079	0.071	0.067
MAIN & GREGORY	McLean	171132003	0.073	0.072	0.074	0.071	0.071
2200 N. 22ND	Macon	171150013	0.070	0.070	0.074	0.071	0.070
1301 S. 48TH ST.	Adams	170010007	-	-	-	0.070 <sup>1</sup>	0.067
531 E. LINCOLN	Cook	170317002	0.079	0.076	0.078	0.070	0.067
5720 S. ELLIS AVE	Cook	170310064	0.068	0.069	0.077	0.070	0.067
HEATON & DUBOIS	Macoupin	171170002	0.074	0.071	0.074	0.070	0.068
750 DUNDEE ROAD	Cook	170314201	0.076	0.072	0.075	0.069	-
STATE ROUTE 14	Hamilton	170650002	-	-	0.073	0.069	0.068
ROUTE 45 SOUTH	Effingham	170491001	0.069	0.069	0.072	0.069	0.069
1000 E. OHIO	Cook	170310072	0.072	0.068	0.073	0.067	0.066
HURLBURT & MACARTHUR	Peoria	171430024	0.067	0.067	0.071	0.067	0.062
665 DUNDEE RD.	Kane	170890005	0.077	0.072	0.074	0.066	0.068
9511 W. HARRISON ST	Cook	170314007	0.072	0.069	0.074	0.066	0.064
36400 S. ESSEX RD.	Will	171971011	0.072	0.071	0.072	0.066	0.064
416 S. STATE ST. HWY 1/ WEST UNION	Clark	170230001	0.066	0.066 <sup>3</sup>	0.069 <sup>3</sup>	0.066 <sup>3</sup>	0.066
32 RODMAN AVE.	Rock Island	171613002	0.064	0.064	0.068	0.066	0.062
FIRST ST. & THREE OAKS RD.	McHenry	171110001	0.078	0.070	0.072	0.065	0.067
2875 N. DIRKSEN PKWY.	Sangamon	171670010	0.071	0.068	0.071	0.065	0.065
1405 MAPLE AVE.	Winnebago	172012001	0.069	0.066	0.070	0.065	0.066
606 E. GROVE	Champaign	170190004	0.070	0.066	0.069	0.065	0.065
RT. 53	DuPage	170436001	0.069	0.068	0.070	0.063	0.062
1820 S. 51ST AVE.	Cook	170314002	0.068	0.064	0.067	0.062	0.065
750 DUNDEE ROAD	Cook	170314201	-	0.060	0.063	0.058 <sup>3</sup>	0.058

<sup>1</sup> Only 2007 & 2008 Ozone Data Were Available (2-Year Average)

<sup>3</sup> Incomplete Data Capture

LEGEND		
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**INDIANA**

SITE LOCATION	COUNTY	SITE ID	2003 - 2005	2004 - 2006	2005 - 2007	2006 - 2008	2007 - 2009
12500 St. Rd. 62-Charlestown State Park/ Indiana A	Clark	180190008	-	-	-	0.081 <sup>3</sup>	0.077
14940 OLD STATE ROAD/ SCOTT ELEMENTARY	Vanderburgh	181630013	0.063	0.065	0.075	0.080	0.076
1685 N. 10TH STREET, NOBLESVILLE	Hamilton	180570005	-	-	-	0.078	0.076
3900 E. 300 S, WHITESTOWN	Boone	180110001	0.080	0.078	0.081	0.078	0.075
425 WEST MILL ROAD/ FIRE STATION #17	Vanderburgh	181630012	0.077	0.075	0.080	0.078	-
FORT HARRISON STATE PARK	Marion	180970050	0.081	0.076	0.079	0.078	0.077
1751 OLIVER ST/ WHITING HIGH SCHOOL	Lake	180890030	-	0.077	0.085	0.077	0.070
19856 OLD ST RD 37/PERRY CENTRAL HS/ LEOPOLD	Perry	181230009	-	0.081	0.081	0.077	0.072
300 N. 1ST ST./ BOONVILLE HIGH SCHOOL	Warrick	181730008	0.076	0.077	0.080	0.077	0.072
2500 S. 275 W, PLUMMER	Greene	180550001	0.080	0.076	0.079	0.077	0.075
2230 GREEN VALLEY ROAD/GREEN VALLEY ELEMENTARY SCH	Floyd	180431004	0.079	0.075	0.079	0.077	0.073
135 S. CHESTNUT, MONROVIA HIGH SCHOOL	Morgan	181090005	0.077	0.075	0.079	0.076	0.074
714 E. BROADWAY, MUNICIPAL BDG.	Hancock	180590003	0.081	0.075	0.078	0.076	0.074
200 W. PEARL ST., TRAFALGAR	Johnson	180810002	0.076	0.076	0.078	0.075	0.073
4774 W. 600 N, FAIRLAND	Shelby	181450001	0.080	0.074	0.078	0.075	0.075
84 DIANA RD/ WATER TREATMENT PLANT	Porter	181270024	0.078	0.076	0.081	0.074	0.073
225 W & 300 N, BROWNSTOWN	Jackson	180710001	0.075	0.073	0.076	0.074	0.070
201 MISSISSIPPI ST., IITRI BUNKER	Lake	180890022	0.076	0.075	0.082	0.073	0.068
12481 ANDERSON RD./ HARRIS TWP FIRE STATION	St. Joseph	181411007	0.082	0.077	0.079	0.073	0.071
1300 141 ST STREET	Lake	180892008	0.079	0.076	0.079	0.073	0.070
1321 SOUTH HARDING	Marion	180970057	0.074	0.074	0.077	0.073	0.069
7203 E. US HIGHWAY 36, AVON	Hendricks	180630004	0.076	0.074	0.076	0.073	0.073
2022 NORTH BEACON	Allen	180030004	0.076	0.072	0.075	0.073	0.071
14600 AMSTUTZ RD., LEO	Allen	180030002	0.083	0.077	0.078	0.072	0.069
705 INDIANA AVE./ BRISTOL ELEMENTARY	Elkhart	180390007	0.083	0.076	0.078	0.072	0.070
NAVAL AVIONICS CENTER, 6125 E. 16TH ST.	Marion	180970073	0.077	0.074	0.076	0.072	0.071
481 S. 150 W. / FLORA AIRPORT	Carroll	180150002	0.075	0.073	0.075 <sup>3</sup>	0.072	0.068
DAYVILLE- 3488 EBLE RD	Warrick	181730011	0.077	0.076	0.077	0.071	0.064
700 W. STATE ST./ ALBANY ELEMENTARY	Delaware	180350010	0.078	0.074	0.077	0.071	0.069
EAST ELEM. SCH., 893 E. US 36, PENDLETON	Madison	180950010	0.080	0.074	0.076	0.071	0.069
5244 STATE RD 68/ TECUMSEH HIGH SCHOOL	Warrick	181730009	0.073	0.070	0.075	0.071	0.069
2011 E. LINCOLNWAY	LaPorte	180910010	-	0.075 <sup>3</sup>	0.078 <sup>3</sup>	0.070 <sup>3</sup>	0.068
1000 WESLEY/ VALPARAISO WATER DEPT.	Porter	181270026	0.077	0.073	0.076	0.070	0.068
423 WEST VINE STREET - ROANOKE	Huntington	180690002	0.076	0.073	0.076	0.070	0.066
7597 N. STEVENSON RD/ SANDCUT	Vigo	181670024	0.076	0.073	0.073	0.070	0.066
341 W. 4TH/ NIPSCO GAS STATION	LaPorte	180910005	0.078	0.076	0.077	0.069	0.066
25601 STATE RD. 4/ POTATO CREEK STATE PARK	St. Joseph	181410010	0.077	0.073	0.074	0.069	0.066
2027 S. ST. PHILLIPS RD.	Posey	181290003	0.075	0.068	0.072	0.069	0.072
961 N. LAFAYETTE AVE.	Vigo	181670018	0.062	0.060	0.067	0.065	0.064
2335 SHIELDS DR/ SOUTH BEND CAAP 2	St. Joseph	181410015	-	-	-	0.063	0.061

<sup>3</sup> Incomplete Data Capture

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**MICHIGAN**

SITE LOCATION	COUNTY	SITE ID	2003 - 2005	2004 - 2006	2005 - 2007	2006 - 2008	2007 - 2009
966 W 32ND	Allegan	260050003	0.089	0.088	0.093	0.086	0.081
1340 GREEN CREEK ROAD	Muskegon	261210039	0.084	0.083	0.088	0.082	0.077
11600 EAST SEVEN MILE ROAD	Wayne	261630019	0.081 <sup>3</sup>	0.074 <sup>3</sup>	0.083	0.082	0.080
57700 GRATIOT	Macomb	260990009	0.090	0.082	0.086	0.081	0.079
WARREN FIRE STATION 29900 HOOVER AT COMMON	Macomb	260991003	0.087	0.079	0.086	0.080	0.078
6981 28TH AVE. GEORGETOWN TWP.	Ottawa	261390005	0.081	0.079	0.085	0.079	0.075
2525 DOVE RD	St. Clair	261470005	0.082	0.080	0.085	0.078	0.075
PAW PAW WWTP, 4689 DEFIELD RD.	Berrien	260210014	0.084	0.079	0.084	0.078	0.076
10300 14 MILE RD NE #B	Kent	260810022	0.082	0.078	0.083	0.078	0.074
3031 DOMRES RD.	Manistee	261010922	-	-	-	0.077	0.072
1179 MONROE NW	Kent	260810020	0.078	0.077	0.083	0.077	0.071
13701 OAK PARK BLVD.	Oakland	261250001	0.081	0.075	0.078	0.077	0.077
1060 WEST ST., BENZONIA TWP.	Benzie	260190003	0.083	0.080	0.082	0.076	0.072
LAKEVILLE MIDDLE SCHOOL, G11107 WASHBURN RD	Genesee	260492001	0.082	0.077	0.079	0.076	0.074
SENEY NAT'L WILDLIFE REFUGE, HCR2, BOX 1	Schoolcraft	261530001	0.078	0.078	0.082	0.075	0.070
525 W US10	Mason	261050007	0.081	0.077	0.081	0.075	0.073
ROSS BEATTY HIGH SCHOOL, 22721 DIAMOND COVE ST.	Cass	260270003	0.084 <sup>3</sup>	0.078	0.080	0.075	0.075
6792 RAISIN CENTER HIGHWAY	Lenawee	260910007	0.081	0.076	0.079	0.075	0.074
555 TOWNER ST	Washtenaw	261610008	0.081	0.076	0.078	0.074	0.070
1172 S.M25,SAND BEACH TWP.	Huron	260630007	0.077	0.072	0.078	0.074	0.072
WHALEY PARK, 3610 IOWA	Genesee	260490021	0.080	0.075	0.077	0.074	0.071
220 N PENNSYLVANIA	Ingham	260650012	0.078	0.073	0.077	0.073	0.073
8562 E STOLL RD	Clinton	260370001	0.078	0.073	0.076	0.073	0.071
FAIRGROUNDS, 2500 LAKE ST	Kalamazoo	260770008	0.078	0.072	0.076	0.073	0.074
3155 W. PESHAWBESTOWN RD.	Leelanau	260890001	0.076	0.074	0.077	0.071	0.069
1769 S JEFFS RD	Missaukee	261130001	0.075	0.072	0.074	0.071	0.069
14700 GODDARD	Wayne	261630001	0.075	0.070	0.074	0.071	0.070

<sup>3</sup> Incomplete Data Capture

LEGEND		
	Exceeds 1997 Standard	> 0.084 ppm
	Exceeds 2008 Standard	0.076 - 0.084 ppm
	> 90% of 2008 Standard	0.068 - 0.075 ppm
	> 80% of 2008 Standard	0.060 - 0.067 ppm
	< 80% of 2008 Standard	< 0.060 ppm



**MINNESOTA**

SITE LOCATION	COUNTY	SITE ID	2003 - 2005	2004 - 2006	2005 - 2007	2006 - 2008	2007 - 2009
11660 Myeron Rd. N.	Washington	271636015	0.068 <sup>3</sup>	0.067 <sup>3</sup>	0.072 <sup>3</sup>	0.069 <sup>3</sup>	0.067
101 Central Ave. W.	Wright	271713201	0.068 <sup>3</sup>	0.068 <sup>3</sup>	0.073 <sup>3</sup>	0.068 <sup>3</sup>	0.065
1235 HIGHWAY 19	Goodhue	270495302	0.070 <sup>3</sup>	0.068 <sup>3</sup>	0.071 <sup>3</sup>	0.068 <sup>3</sup>	0.065
16384 AIRPORT RD	Crow Wing	270353204	-	0.069 <sup>3</sup>	0.068 <sup>3</sup>	0.066 <sup>3</sup>	0.062
2660 Fawn Rd.	Anoka	270031001	0.070 <sup>3</sup>	0.070 <sup>3</sup>	0.072 <sup>3</sup>	0.065 <sup>3</sup>	0.062
16687 Shaw-Bosh-Kung Drive	Mille Lacs	270953051	0.068 <sup>3</sup>	0.067 <sup>3</sup>	0.070 <sup>3</sup>	0.065 <sup>3</sup>	0.060
917 DAKOTA ST.	Scott	271390505	0.066 <sup>3</sup>	0.066 <sup>3</sup>	0.070 <sup>3</sup>	0.065 <sup>3</sup>	0.063
9939 Lima St	Anoka	270031002	0.068	0.066	0.069	0.065	0.064
1801 9th Ave. SE	Olmsted	271095008	0.066 <sup>3</sup>	0.067 <sup>3</sup>	0.068 <sup>3</sup>	0.064 <sup>3</sup>	0.061
WEST HIGHWAY 19	Lyon	270834210	-	-	0.065 <sup>3</sup>	0.062 <sup>3</sup>	0.062
Fernberg Road	Lake	270750005	0.060 <sup>3</sup>	0.062 <sup>3</sup>	0.065 <sup>3</sup>	0.062 <sup>3</sup>	0.060
VOYAGEURS NATIONAL PARK	Saint Louis	271370034	0.066	0.064	0.065 <sup>3</sup>	0.061 <sup>3</sup>	0.061
26624 NORTH TOWER ROAD	Becker	270052013	-	-	0.064 <sup>3</sup>	0.061 <sup>3</sup>	0.058
1321 University Dr.	Stearns	271453052	0.062 <sup>3</sup>	0.058 <sup>3</sup>	0.063 <sup>3</sup>	0.060 <sup>3</sup>	0.059
175 UNIVERSITY RD	Carlton	270177416	0.062 <sup>3</sup>	0.059 <sup>3</sup>	0.061 <sup>3</sup>	0.058 <sup>3</sup>	0.057
1202 EAST UNIVERSITY CIRCLE	Saint Louis	271377550	0.054 <sup>3</sup>	0.055 <sup>3</sup>	0.058 <sup>3</sup>	0.057 <sup>3</sup>	0.055

<sup>3</sup> Incomplete Data Capture

LEGEND		
	Exceeds 1997 Standard	> 0.084 ppm
	Exceeds 2008 Standard	0.076 - 0.084 ppm
	> 90% of 2008 Standard	0.068 - 0.075 ppm
	> 80% of 2008 Standard	0.060 - 0.067 ppm
	< 80% of 2008 Standard	< 0.060 ppm

**OHIO**

SITE LOCATION	COUNTY	SITE ID	2003 - 2005	2004 - 2006	2005 - 2007	2006 - 2008	2007 - 2009
416 SOUTHEAST ST.	Warren	391650007	0.089	0.086	0.088	0.085	0.082
11590 GROOMS RD	Hamilton	390610006	0.086	0.082	0.086	0.085	0.082
770 LAKE RD.	Ashtabula	390071001	0.091	0.086	0.090	0.084	0.080
7600 FODOR RD.	Franklin	390490029	0.088	0.084	0.087	0.084	0.081
800 PATTERSON AVE.	Summit	391530020	0.085	0.081	0.085	0.082	0.080
HOOK FIELD AIRPORT	Butler	390171004	0.082	0.080	0.085	0.082	0.082
2000 4TH STREET	Washington	391670004	0.081	0.082	0.085	0.081	0.077
842 YOUNGSTOWN-KINGSVILLE RD.	Trumbull	391550011	0.086	0.083	0.084	0.081	0.077
6950 RIPPLE RD.	Hamilton	390610010	0.082	0.080	0.084	0.081	0.076
250 WM. HOWARD TAFT	Hamilton	390610040	0.082	0.080	0.083	0.081	0.080
6116 WILSON MILLS	Cuyahoga	390355002	0.081	0.079	0.079	0.081	0.077
SCHULER AND BENDER	Butler	390170004	0.085	0.080	0.085	0.080	0.078
45 S. WABASH AVENUE, S.R 93	Stark	391510022	-	-	0.080	0.080	-
62 LAUREL DR.	Clinton	390271002	0.085	0.080	0.082	0.079	0.076
1175 WEST VINE	Stark	391514005	0.082	0.079	0.082	0.079	0.075
515 25TH. ST.	Stark	391510016	0.079	0.076	0.079	0.079	0.076
36010 LAKESHORE	Lake	390850003	0.089	0.086	0.084	0.078	0.074
2400 CLERMONT CENTER DR.	Clermont	390250022	0.083	0.078	0.082	0.078	0.075
891 E. 152 ST.	Cuyahoga	390350034	0.069	0.068	0.076	0.078	0.077
618 LOGAN ST.	Jefferson	390810017	0.077	0.078	0.080	0.077	0.072
541 LEDBETTER RD.,	Greene	390570006	0.083	0.079	0.079	0.077	0.074
71 E HIGH	Lake	390853002	0.081	0.080	0.081	0.076	-
1777 E. BROAD	Franklin	390490037	0.081	0.079	0.081	0.076	0.073
5171 URBANA	Clark	390230001	0.083	0.080	0.080	0.076	0.074
940 SR 38 SW	Madison	390970007	0.082	0.077	0.080	0.076	0.074
6346 KINSMAN-BLOOMFIELD RD.	Trumbull	391550009	0.083	0.078	0.079	0.076	0.075
359 MAIN RD.	Delaware	390410002	0.081	0.076	0.078	0.076	0.075
WATER PLT, SR. 314	Knox	390830002	0.079	0.076	0.078	0.076	0.074
2120 S. 8TH	Lawrence	390870006	0.070	0.069	0.073	0.076	0.073
347 N DUNBRIDGE	Wood	391730003	0.083	0.077	0.080	0.075	0.074
306 N. YANDOTA	Lucas	390950034	0.086	0.079	0.079	0.075	0.074
345 OAKHILL	Mahoning	390990013	0.080	0.077	0.079	0.075	0.071
348 S. ERIE	Lucas	390950024	0.077	0.074	0.078	0.075	0.072
5400 SPANGLER	Clark	390230003	0.078	0.076	0.077	0.075	0.075
7760 BLACKBURN ROAD	Athens	390090004	-	-	-	0.074 <sup>1</sup>	0.072
1401 Harshman Road	Montgomery	391130037	-	-	-	0.074	0.074
1570 RAVENNA RD.	Portage	391331001	0.088	0.081	0.082	0.074	0.072
2521 FAIRWOOD	Franklin	390490028	0.082	0.079	0.080	0.074	-
5750 MAPLE CANYON	Franklin	390490081	0.080	0.079	0.080	0.074	0.071
300 LICKING VIEW DR.	Licking	390890005	0.081	0.076	0.077	0.074	0.073
4706 DETROIT RD.	Lorain	390930018	-	-	0.076	0.074	0.072
390 FAIR ST.	Cuyahoga	390350064	0.073	0.070	0.076	0.074	0.072
S.R. 141, WILGUS	Lawrence	390870011	0.062	0.059	0.069	0.074	0.073
2650 BIBLE RD.	Allen	390030002	0.081	0.077	0.078	0.073	-
13000 AUBURN	Geauga	390550004	0.086	0.077	0.075	0.073	0.072
6364 DEERVIEW	Medina	391030003	0.084	0.080	0.077	0.072	0.070
200 SOUTH RIVER RD.	Lucas	390950027	0.082	0.075	0.076	0.072	0.072
3825 NORTH S. R. 589	Miami	391090005	0.080	0.075	0.075	0.072	0.071
NATIONAL TRAILS	Preble	391351001	0.072	0.072	0.075	0.071	0.070



<sup>1</sup> Only 2007 & 2008 Ozone Data Were Available (2-Year Average)

LEGEND		
	Exceeds 1997 Standard	> 0.084 ppm
	Exceeds 2008 Standard	0.076 - 0.084 ppm
	> 90% of 2008 Standard	0.068 - 0.075 ppm
	> 80% of 2008 Standard	0.060 - 0.067 ppm
	< 80% of 2008 Standard	< 0.060 ppm

**WISCONSIN**

SITE LOCATION	COUNTY	SITE ID	2003 - 2005	2004 - 2006	2005 - 2007	2006 - 2008	2007 - 2009
KOHLER ANDRE PARK, 1520 OLD PARK ROAD	Sheboygan	551170006	0.089	0.086	0.089	0.082	0.079
NEWPORT STATE PARK (NEAR ELLISON BAY)	Door	550290004	0.090	0.086	0.090	0.080	0.078
CHIWAUKEE PRAIRIE, 11838 FIRST COURT	Kenosha	550590019	0.086	0.083	0.085	0.078	0.076
MANITOWOC/WOODLND DUNES, 2315 GOODWIN RD	Manitowoc	550710007	0.087	0.082	0.086	0.075	0.075
KEWAUNEE, ROUTE 1, HWY 42	Kewaunee	550610002	0.086	0.079	0.083	0.075	0.073
601 E. ELLSWORTH LANE	Milwaukee	550790085	0.086	0.079	0.083	0.075	0.074
HARRINGTON BEACH STATE PARK, 531 HWY D	Ozaukee	550890009	0.088	0.079	0.083	0.074	0.073
UWM NORTH CAMPUS, 2114 E KENWOOD BLVD	Milwaukee	550790041	0.083	0.079	0.082	0.072	0.070
GRAFTON, HWY32 AND I43	Ozaukee	550890008	0.085	0.078	0.081	0.072	0.071
1519 WASHINGTON AVE	Racine	551010017	0.082	0.078	0.081	0.071	0.071
LAKE GENEVA NADP SITE, RR4 ELGIN CLUB RD	Walworth	551270005	0.077	0.074	0.076	0.070	0.069
JEFFERSON H.S. TRAILER, WILLOW DR.	Jefferson	550550002	0.076	0.072	0.075	0.070	0.069
UW-GREEN BAY, HWYS 54 & 57	Brown	550090026	0.075	0.071	0.075	0.070	0.070
CUNNINGHAM, 1948 MERRILL ST	Rock	551050024	0.076	0.072	0.074	0.069	0.069
WENDT RD, COLUMBUS	Columbia	550210015	0.074	0.070	0.074	0.069	0.067
EAST HIGH, 2302 HOARD ST	Dane	550250041	0.073	0.069	0.074	0.069	0.068
DNR SER HDQRTS, 2300 N M. L. KING JR DR	Milwaukee	550790026	0.077	0.074	0.077	0.068	0.068
MAYVILLE, NEAR N6705 MADISON RD	Dodge	550270007	0.077	0.073	0.074	0.068	0.068
AAL, 4432 N MEADE ST	Outagamie	550870009	0.075	0.073	0.074	0.068	0.067
FIRE TOWER RD, POTAWATOMI SITE	Forest	550410007	-	0.068	0.071	0.068	0.065
HWY 64, SOMERSET TOWN HALL	St. Croix	551091002	0.069	0.067	0.071	0.068	0.066
FOND DU LAC, N3996 KELLY RD, TWN BYRON	Fond du Lac	550390006	0.075	0.072	0.074	0.067	0.067
LAKE DUBAY, 1780 BERGEN RD, BERGEN TNSHP	Marathon	550730012	0.071	0.068	0.071	0.067	0.065
WILDCAT MTN, HWY 33, ONTARIO	Vernon	551230008	0.071	0.068	0.071	0.067	0.065
TROUT LAKE NURSERY, COUNTY HWY M	Vilas	551250001	0.069	0.067	0.070	0.067	0.065
1310 CLEVELAND AVE	Waukesha	551330027	-	0.071	0.072	0.066	0.063
HARSHAW FARM, 4398 GRACE LANE, HARSHAW	Oneida	550850004	0.070	0.068	0.069	0.066	0.065
SLINGER, HWY 60 & SCENIC, POLK TWN SHP	Washington	551310009	0.075	0.070	0.072	0.065	0.065
DEVILS LAKE STATE PARK, E12886 TOWER RD	Sauk	551110007	0.071	0.068	0.070	0.065	0.064
POPPLE RIVER, NADP FIRE STATION #565	Florence	550370001	0.066	0.065	0.068	0.065	0.063
HEALTH CENTER, 1337 SO 16TH ST	Milwaukee	550790010	0.070	0.068	0.070	0.063	0.064
BAD RIVER TRIBAL SCHOOL - ODANAH	Ashland	550030010	-	0.060	0.063	0.062	0.059
3550 MORMON COULEE RD	La Crosse	550630012	-	-	-	0.062 <sup>2</sup>	-

<sup>2</sup> Only 2008 Ozone Data Were Available (1-Year Average)

LEGEND	
	Exceeds 1997 Standard > 0.084 ppm
	Exceeds 2008 Standard 0.076 - 0.084 ppm
	> 90% of 2008 Standard 0.068 - 0.075 ppm
	> 80% of 2008 Standard 0.060 - 0.067 ppm
	< 80% of 2008 Standard < 0.060 ppm



Site ID	Latitude	Longitude	2010 Critical Value
391650007	39.427797	-84.202208	0.068
390610006	39.278499	-84.365974	0.069
390490029	40.086667	-82.815556	0.072
390171004	39.53	-84.3925	0.073
390610040	39.128611	-84.504167	0.074
390350034	41.555	-81.575	0.075
390355002	41.536667	-81.459167	0.076
391530020	41.106111	-81.503889	0.076
390550004	41.515	-81.249444	0.078
390071001	41.959444	-80.5725	0.078
390850003	41.673056	-81.4225	0.078
391130037	39.78503405	-84.13440202	0.078
260050003	42.76778555	-86.14857722	0.079
261630019	42.43084042	-83.00013754	0.079
551170006	43.666944	-87.716389	0.079
180970050	39.858961	-86.021341	0.080
391550011	41.240077	-80.663142	0.081
390230003	39.855556	-83.9975	0.081
390570006	39.665556	-83.943333	0.081
261210039	43.2780606	-86.31108253	0.082
261250001	42.46306341	-83.18319868	0.082
390271002	39.43	-83.788611	0.082
390950034	41.675556	-83.306944	0.082
391550009	41.453889	-80.591667	0.082
390230001	40.000833	-83.804444	0.082
390170004	39.383333	-84.544167	0.083
390410002	40.356638	-83.063962	0.083
390870006	38.520278	-82.666667	0.083
391510016	40.827778	-81.378611	0.083
391670004	39.431667	-81.460278	0.083
170971007	42.4675733	-87.81004705	0.084
171191009	38.72657262	-89.95996251	0.084
180570005	40.065194	-86.008061	0.084
181450001	39.611293	-85.873582	0.084
260270003	41.8955698	-86.00162873	0.084
260990009	42.73139412	-82.79346283	0.084
260991003	42.51333985	-83.00597056	0.084
550290004	45.237778	-86.993611	0.084
180110001	39.997484	-86.395172	0.085
260210014	42.19778954	-86.30969398	0.085
390890005	40.026226	-82.433269	0.085
550590019	42.504722	-87.8093	0.085
180590003	39.935008	-85.840513	0.086
390610010	39.214931	-84.690723	0.086

<b>Site ID</b>	<b>Latitude</b>	<b>Longitude</b>	<b>2010 Critical Value</b>
390830002	40.309722	-82.691944	0.086
391090005	40.084722	-84.114722	0.086
550710007	44.138611	-87.616111	0.086
180190008	38.393833	-85.6641666	0.087
180550001	38.985578	-86.99012	0.087
180810002	39.417203	-86.152395	0.087
260770008	42.27806667	-85.54188992	0.087
260910007	41.9955677	-83.94655938	0.087
390490037	39.965075	-82.955266	0.087
390950027	41.494722	-83.718611	0.087
391030003	41.102778	-81.911667	0.087
550790085	43.181111	-87.900556	0.087
180630004	39.758967	-86.397148	0.088
181630013	38.113889	-87.536944	0.088
181090005	39.575596	-86.477914	0.089
260492001	43.16833627	-83.46154069	0.089
260650012	42.73861787	-84.53463315	0.089
260810022	43.17667181	-85.41660783	0.089
390250022	39.082319	-84.144193	0.089
390810017	40.366104	-80.615002	0.089
390930018	41.420882	-82.095729	0.089
390970007	39.788611	-83.475833	0.089
391514005	40.930833	-81.123611	0.089
391730003	41.378056	-83.611667	0.089
170311601	41.66812034	-87.99056969	0.090
171132003	40.51873537	-88.99689571	0.090
180431004	38.308056	-85.834167	0.090
181230009	38.113101	-86.603611	0.090
261470005	42.95333627	-82.45622878	0.090
390090004	39.307978	-82.118247	0.090
170310001	41.6709919	-87.7324569	0.091
170831001	39.11053947	-90.32407986	0.091
261390005	42.89445066	-85.85273402	0.091
390870011	38.629167	-82.4575	0.091
390990013	41.096111	-80.658611	0.091
391351001	39.835556	-84.720833	0.091
550890009	43.498056	-87.81	0.091
171431001	40.74550393	-89.58586902	0.092
181270024	41.6175	-87.199167	0.092
181290003	38.005278	-87.718333	0.092
261050007	43.95333441	-86.29441463	0.092
390950024	41.644167	-83.546667	0.092
550610002	44.442778	-87.506111	0.092
551010017	42.713889	-87.798611	0.092

Site ID	Latitude	Longitude	2010 Critical Value
171190008	38.89018605	-90.14803114	0.093
180892008	41.639444	-87.493611	0.093
180970073	39.78948561	-86.06084985	0.093
181730008	38.051944	-87.278333	0.093
390490081	40.087778	-82.959722	0.093
170314201	42.13999619	-87.79922692	0.094
180030004	41.094722	-85.101944	0.094
260190003	44.61694309	-86.10940778	0.094
261610008	42.24056548	-83.59960223	0.094
390350064	41.361667	-81.864722	0.094
170310076	41.75139998	-87.71348815	0.095
171150013	39.86683389	-88.92559445	0.095
171193007	38.86066947	-90.10585111	0.095
171630010	38.61203448	-90.16047663	0.095
180710001	38.920798	-86.080523	0.095
260370001	42.79833938	-84.39379526	0.095
260490021	43.04722419	-83.67015909	0.095
260630007	43.83638793	-82.64289991	0.095
261010922	44.30700008	-86.24264864	0.095
550550002	43.001389	-88.812222	0.095
550790041	43.075278	-87.884444	0.095
551270005	42.58	-88.499167	0.095
170310032	41.75583241	-87.54534967	0.096
180970057	39.749019	-86.186314	0.096
391331001	41.1825	-81.330278	0.096
180030002	41.221667	-85.017222	0.097
181411007	41.742583	-86.110556	0.097
260810020	42.98417304	-85.67133874	0.097
261130001	44.31055542	-84.89186532	0.097
261630001	42.22862014	-83.20820002	0.097
550890008	43.343056	-87.920833	0.097
551050024	42.50889	-89.05667	0.097
170491001	39.06715932	-88.54893401	0.098
170650002	38.08215516	-88.6249434	0.098
180350010	40.3	-85.245556	0.098
550270007	43.435	-88.527778	0.098
550790026	43.061111	-87.9125	0.098
170890005	42.04914776	-88.27302929	0.099
171110001	42.22144166	-88.24220734	0.099
171170002	39.39607533	-89.80973892	0.099
180390007	41.71805	-85.83055	0.099
180950010	40.0025	-85.656944	0.099
170311003	41.98433233	-87.7920017	0.100
180150002	40.540556	-86.553056	0.100

Site ID	Latitude	Longitude	2010 Critical Value
180910010	41.629167	-86.684722	0.100
181730009	38.194444	-87.341389	0.100
260890001	45.02889793	-85.62914649	0.100
550090026	44.53	-87.908889	0.100
550390006	43.687778	-88.421944	0.100
170314002	41.85524313	-87.7524697	0.101
172012001	42.33498222	-89.0377748	0.101
181670024	39.560556	-87.313056	0.101
261530001	46.28887716	-85.95022692	0.101
170010007	39.91540937	-91.33586832	0.102
170190004	40.1237962	-88.22953098	0.102
170230001	39.210883	-87.668416	0.102
271636015	45.11728	-92.85532	0.102
550210015	43.314444	-89.108889	0.102
550250041	43.100833	-89.357222	0.102
550870009	44.306944	-88.395556	0.102
551230008	43.702222	-90.568333	0.102
170310072	41.89581227	-87.60768329	0.103
180910005	41.71702191	-86.90774268	0.103
181270026	41.510278	-87.038611	0.103
550790010	43.016667	-87.933333	0.103
551310009	43.327222	-88.220278	0.103
171570001	38.17627761	-89.78845862	0.104
550410007	45.56498	-88.80859	0.104
550730012	44.707222	-89.769722	0.104
550850004	45.678056	-89.632222	0.104
170317002	42.06185724	-87.67416716	0.105
171670010	39.84412188	-89.60483919	0.105
171971011	41.22153707	-88.19096718	0.105
180890030	41.681384	-87.494722	0.105
181410010	41.551667	-86.370556	0.105
551091002	45.124444	-92.6625	0.105
551110007	43.435556	-89.680278	0.105
170310064	41.79078688	-87.60164649	0.106
180690002	40.960556	-85.38	0.106
270495302	44.473754	-93.012611	0.106
270834210	44.4438	-95.81789	0.106
271095008	43.996908	-92.450366	0.106
551250001	46.048056	-89.653611	0.106
270353204	46.39674	-94.1303	0.107
271370034	48.412778	-92.829167	0.107
170971002	42.3867056	-87.84140622	0.108
180890022	41.606667	-87.304722	0.108
270031002	45.13768	-93.20772	0.108



<b>Site ID</b>	<b>Latitude</b>	<b>Longitude</b>	<b>2010 Critical Value</b>
271390505	44.791437	-93.512534	0.108
550370001	45.795556	-88.400556	0.108
270031001	45.40184	-93.20306	0.109
271713201	45.20916	-93.66921	0.109
551330027	43.020278	-88.215	0.109
181670018	39.486111	-87.401389	0.111
181410015	41.696692	-86.214683	0.111
181730011	37.95445	-87.321933	0.111
171613002	41.51472697	-90.51735026	0.112
270052013	46.851811	-95.846272	0.112
270750005	47.948622	-91.495574	0.112
170314007	42.06028469	-87.86322543	0.112
170436001	41.81304939	-88.0728269	0.112
270953051	46.2053	-93.75945	0.114
171430024	40.68742038	-89.60694277	0.115
550030010	46.61455	-90.69868	0.116
270177416	46.70527	-92.52377	0.117
271453052	45.549839	-94.13345	0.118
271377550	46.81826	-92.08936	0.122