

Summary of the Highest 8-Hour Ozone Concentrations for 2020 for All Sites in Michigan



The four highest values in ppb are listed. All values at and above 60 ppb are included to illustrate frequency of occurrence. Max. Allowable is the maximum 4th highest value that can occur in 2020 without violation of the standard. Values above Max. Allowable are bold. Sites in violation of the standard are shaded red, sites not in violation of the standard are shaded green.

Max. allowable values calculated using 70 ppb as the primary NAAQS

2020 Data validated for top 10 values.

Non-attainment Area (NA)

Southeast NA		7/7/20		Berrien Co. NA		6/19/20		Southeast NA		7/7/20		6/19/20		Allegan Co NA		6/18/20			
261630001 Allen Park Max Allowable 81 ppb		262070003 Cassopolis Max Allowable 73 ppb		260210014 Coloma Max Allowable 73 ppb		261630019 East Seven Mile Max Allowable 70 ppb		260810022 Evans Max Allowable 85 ppb		260490021 Flint Max Allowable 83 ppb		260190003 Frankfort Max Allowable 86 ppb		260810020 Grand Rapids Max Allowable 76 ppb		260630007 Harbor Beach Max Allowable 82 ppb		260050003 Holland Max Allowable 67 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
73	7/9/20	77	6/19/20	85	6/5/20	76	7/7/20	76	6/2/20	69	6/9/20	91	6/19/20	83	6/2/20	85	6/20/20	81	6/2/20
71	7/7/20	75	6/17/20	82	6/2/20	75	7/6/20	71	6/19/20	78	6/17/20	78	6/18/20	80	6/18/20	83	7/6/20	79	6/19/20
70	6/9/20	75	6/18/20	79	6/18/20	74	7/2/20	70	6/17/20	68	6/20/20	68	6/20/20	79	6/19/20	78	7/9/20	76	8/26/20
70	6/20/20	75	7/7/20	78	6/19/20	73	6/20/20	70	6/18/20	67	6/2/20	68	6/2/20	69	6/17/20	75	7/15/20	78	6/18/20
69	7/6/20	72	6/5/20	73	6/17/20	70	6/9/20	66	6/20/20	67	6/8/20	65	7/25/20	76	6/20/20	74	6/18/20	72	6/20/20
68	7/2/20	68	6/20/20	72	6/20/20	70	7/9/20	65	8/26/20	67	7/15/20	64	6/30/20	72	8/26/20	72	5/26/20	72	7/25/20
66	7/5/20	67	6/2/20	71	7/25/20	70	8/22/20	64	6/4/20	66	6/18/20	64	8/26/20	69	6/4/20	62	6/19/20	70	6/17/20
66	7/25/20	67	7/3/20	70	8/26/20	69	6/2/20	63	6/9/20	66	8/22/20	63	6/8/20	69	6/16/20	67	6/9/20	68	6/4/20
65	6/2/20	66	7/6/20	67	6/4/20	68	6/4/20	60	6/16/20	65	6/19/20	63	6/9/20	69	7/8/20	64	6/2/20	67	7/9/20
65	6/17/20	66	7/9/20	67	7/3/20	66	7/25/20	57	6/29/20	65	7/6/20	61	6/16/20	68	7/25/20	64	6/22/20	66	8/24/20
65	8/22/20	64	6/30/20	66	8/27/20	65	6/5/20	61	6/4/20	61	6/20/20	67	7/15/20	62	6/17/20	62	6/17/20	64	6/5/20
64	7/15/20	63	5/2/20	64	7/7/20	65	7/15/20	61	7/7/20	61	7/2/20	64	6/5/20	61	5/25/20	63	6/22/20	63	6/22/20
64	8/21/20	63	6/16/20	63	6/30/20	65	7/17/20	60	6/5/20	61	10/9/20	64	6/9/20	60	5/22/20	63	10/9/20	60	6/22/20
63	6/5/20	63	8/24/20	62	5/2/20	64	6/17/20	60	9/25/20	60	8/20/20	63	6/30/20	60	7/7/20	62	6/30/20	62	6/30/20
60	6/4/20	63	8/26/20	62	6/8/20	63	6/22/20	60	6/4/20	60	8/20/20	63	8/8/20	60	7/10/20	62	8/27/20	61	8/27/20
60	6/22/20	62	6/4/20	62	6/16/20	63	7/8/20	60	6/16/20	60	7/8/20	62	6/8/20	60	6/22/20	61	7/15/20	62	7/15/20
60	7/17/20	62	6/16/20	62	7/8/20	62	8/8/20	60	6/16/20	60	8/8/20	62	6/29/20	60	6/22/20	60	7/7/20	61	7/8/20
		62	9/25/20	60	7/2/20	61	7/5/20					62	7/7/20						
		61	6/8/20	60	8/14/20	61	8/10/20					62	7/9/20						
		61	7/8/20	60	8/21/20	61	8/21/20					61	6/22/20						
		60	7/2/20	60	8/22/20	60	6/18/20					60	7/6/20						
		60	7/5/20	60	8/22/20	60	6/26/20					60	7/17/20						
		60	7/25/20									60	8/22/20						

6/19/20		Muskegon Co. NA		Southeast NA		7/6/20		Southeast NA		7/2/20		Southeast NA		6/20/20					
261130001 Houghton Lake Max Allowable 88 ppb		261390005 Jenison Max Allowable 74 ppb		260770008 Kalamazoo Max Allowable 80 ppb		260650012 Lansing Max Allowable 88 ppb		261010922 Manistee (tribal) Max Allowable 85 ppb		261210039 Muskegon Max Allowable 64 ppb		260990009 New Haven Max Allowable 73 ppb		261250001 Oak Park Max Allowable 69 ppb		260492001 Otisville Max Allowable 84 ppb		261470005 Port Huron Max Allowable 66 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
72	6/9/20	85	6/18/20	75	6/17/20	64	7/7/20	64	8/26/20	83	6/2/20	78	6/4/20	78	7/9/20	70	6/2/20	72	6/20/20
69	6/18/20	81	6/2/20	74	6/18/20	63	7/15/20	62	10/9/20	83	6/20/20	76	7/9/20	77	6/20/20	69	8/22/20	70	7/17/20
69	6/19/20	77	6/19/20	73	6/19/20	62	6/2/20	59	9/25/20	83	8/26/20	75	6/18/20	76	7/6/20	68	6/17/20	70	8/12/20
68	6/2/20	75	6/17/20	72	6/2/20	62	6/17/20	51	8/24/20	80	6/19/20	74	6/20/20	74	6/19/20	68	6/20/20	69	7/6/20
65	6/8/20	73	6/20/20	71	7/7/20	62	6/20/20	76	6/18/20	71	7/17/20	74	7/17/20	72	6/9/20	68	7/6/20	69	7/9/20
65	6/17/20	73	8/26/20	70	6/20/20	61	6/9/20	72	8/24/20	74	8/21/20	71	7/7/20	67	6/9/20	68	6/17/20	68	6/17/20
64	10/9/20	70	7/25/20	69	7/9/20	61	7/6/20	70	6/4/20	73	7/6/20	70	7/2/20	66	6/19/20	68	6/19/20	68	6/19/20
61	6/20/20	67	6/4/20	67	6/5/20	60	9/25/20	70	7/25/20	73	7/7/20	68	6/2/20	65	6/18/20	67	6/2/20	67	6/2/20
60	6/4/20	66	6/16/20	65	6/29/20	59	6/18/20	69	6/17/20	72	6/17/20	68	6/4/20	65	7/15/20	66	6/18/20	67	6/18/20
60	6/5/20	66	6/29/20	65	7/8/20	59	8/8/20	67	10/9/20	72	8/22/20	68	6/17/20	63	6/4/20	66	6/26/20	66	6/26/20
		66	7/8/20	63	6/4/20	62	7/3/20	66	6/8/20	71	6/5/20	68	7/15/20	61	7/7/20	62	6/9/20	62	6/9/20
		65	6/22/20	62	7/3/20	60	6/22/20	66	7/7/20	71	6/9/20	67	8/22/20	61	9/25/20	62	8/10/20	62	8/10/20
		64	6/30/20	62	7/6/20	60	7/6/20	65	6/30/20	69	6/2/20	66	6/22/20	60	7/9/20	61	7/5/20	61	7/5/20
		63	7/15/20	62	7/15/20	60	7/15/20	65	7/6/20	67	7/8/20	65	7/8/20	60	7/9/20	61	7/7/20	61	7/7/20
		63	8/24/20	61	6/16/20	60	6/16/20	65	7/9/20	66	6/19/20	64	6/16/20	60	7/9/20	61	7/15/20	61	7/15/20
		62	7/9/20	60	5/2/20	60	5/2/20	64	6/5/20	65	8/23/20	64	6/18/20	60	7/9/20	61	7/7/20	62	6/9/20
		61	6/5/20	60	6/22/20	60	6/22/20	63	6/9/20	64	6/16/20	63	7/14/20	60	7/9/20	61	7/7/20	62	6/9/20
		61	7/7/20	60	8/26/20	60	8/26/20	63	6/16/20	63	7/5/20	62	6/5/20	60	7/9/20	61	7/7/20	62	6/9/20
		61	8/8/20	60	8/26/20	60	8/26/20	62	7/2/20	63	7/15/20	61	8/10/20	60	7/9/20	61	7/7/20	62	6/9/20
		61	8/14/20	60	8/26/20	60	8/26/20	62	7/15/20	63	8/9/20	61	8/20/20	60	7/9/20	61	7/7/20	62	6/9/20
		60	6/5/20	60	8/26/20	60	8/26/20	61	6/29/20	63	8/10/20	60	7/5/20	60	7/9/20	61	7/7/20	62	6/9/20
		60	7/1/20	60	8/26/20	60	8/26/20</												

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Max. allowable values calculated using 70 ppb as the primary NAAQS
Data updated through 3/27/20 - Top 10 2019 concentrations validated
Non-attainment Area (NA)

Southeast NA				Berrien Co. NA				Southeast NA				7/1/19				7/1/19				Allegan Co NA			
261630001 Allen Park Max Allowable 76 ppb		260270003 Cassopolis Max Allowable 65 ppb		260210014 Coloma Max Allowable 70 ppb		261630019 East Seven Mile Max Allowable 62 ppb		260810022 Evans Max Allowable 79 ppb		260490021 Flint Max Allowable 79 ppb		260190003 Frankfort Max Allowable 78 ppb		260810020 Grand Rapids Max Allowable 77 ppb		260630007 Harbor Beach Max Allowable 78 ppb		260050003 Holland Max Allowable 67 ppb					
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date		
63	6/27/19	67	6/5/19	74	7/2/19	74	7/1/19	65	5/31/19	61	6/27/19	68	6/27/19	67	7/19/19	67	7/10/19	75	7/10/19	75	7/10/19		
63	7/15/19	65	7/10/19	71	7/10/19	74	7/10/19	64	7/28/19	61	7/9/19	60	6/4/19	67	7/28/19	67	7/26/19	73	7/2/19	73	7/2/19		
62	7/1/19	64	7/9/19	69	5/31/19	73	6/27/19	63	6/27/19	61	9/19/19	59	4/22/19	66	5/31/19	62	6/12/19	72	7/5/19	72	7/5/19		
62	7/10/19	64	9/20/19	66	7/9/19	68	7/15/19	60	9/20/19	60	7/10/19	57	5/31/19	65	7/9/19	60	7/18/19	71	7/28/19	71	7/28/19		
61	6/28/19	63	6/7/19	66	9/20/19	64	6/28/19							62	7/10/19			69	5/31/19	69	5/31/19		
61	8/3/19	63	7/13/19	65	7/5/19	64	7/27/19							60	7/27/19			68	7/19/18	68	7/19/18		
		62	5/15/19	65	7/13/19	63	6/19/19											67	7/4/19	67	7/4/19		
		62	6/26/19	65	8/5/19	63	7/26/19											65	6/27/19	65	6/27/19		
		62	6/29/19	63	7/28/19	63	8/3/19											65	7/9/19	65	7/9/19		
		61	6/27/19	62	5/15/19	63	8/12/19											65	9/11/19	65	9/11/19		
		60	5/31/19	62	6/5/19	61	8/20/19											63	6/29/19	63	6/29/19		
		60	6/1/19	62	6/28/19	61	9/10/19											62	7/15/19	62	7/15/19		
				62	7/25/19	61	9/21/19											62	9/20/19	62	9/20/19		
				61	5/5/19	60	6/12/19											61	7/27/19	61	7/27/19		
				60	6/7/19	60	6/26/19											61	8/12/19	61	8/12/19		
						60	6/29/19											61	9/10/19	61	9/10/19		
						60	7/2/19											60	6/11/19	60	6/11/19		
						60	7/4/19											60	6/28/19	60	6/28/19		
						60	9/20/19											60	8/3/19	60	8/3/19		

Southeast NA				Muskegon Co. NA				Southeast NA				Southeast NA				7/27/19				Southeast NA			
261130001 Houghton Lake Max Allowable 84 ppb		261390005 Jenison Max Allowable 74 ppb		260770008 Kalamazoo Max Allowable 73 ppb		260650012 Lansing Max Allowable 77 ppb		261010922 Manistee (tribal) Max Allowable 82 ppb		261210039 Muskegon Max Allowable 58 ppb		260990009 New Haven Max Allowable 70 ppb		261250001 Oak Park Max Allowable 66 ppb		260492001 Otisville Max Allowable 81 ppb		261470005 Port Huron Max Allowable 69 ppb					
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date		
59	3/9/19	70	5/31/19	65	6/5/19	57	6/27/19	71	6/27/19	80	7/10/19	71	7/10/19	77	6/27/19	62	6/27/19	73	7/27/19	73	7/27/19		
59	4/25/19	66	7/19/19	64	6/27/19	57	7/10/19	62	5/31/19	69	6/27/19	64	7/26/19	72	7/15/19	62	7/10/19	72	7/10/19	72	7/10/19		
58	3/12/19	66	7/28/19	62	7/9/19	57	7/28/19	62	6/4/19	68	7/28/19	63	6/19/19	67	6/19/19	60	6/4/19	72	8/12/19	72	8/12/19		
58	4/22/19	65	6/27/19	61	5/31/19	55	6/4/19	62	7/9/19	68	8/5/19	63	7/1/19	66	7/1/19	60	6/12/19	70	7/1/19	70	7/1/19		
		65	7/9/19	61	7/2/19			60	7/10/19	67	7/19/19	63	7/5/19	66	7/26/19	60	7/27/19	70	7/26/19	70	7/26/19		
		62	7/4/19	60	6/28/19					66	8/3/19	63	8/16/19	65	7/10/19			68	6/27/19	68	6/27/19		
		62	7/10/19	60	7/10/19					65	7/4/19	62	7/27/19	65	9/20/19			66	7/5/19	66	7/5/19		
		60	6/7/19	60	9/20/19					64	5/31/19	62	8/12/19	64	6/6/19			66	9/21/19	66	9/21/19		
		60	6/28/19							64	7/27/19	61	8/5/19	64	6/28/19			65	7/18/19	65	7/18/19		
										64	9/20/19	60	9/21/19	63	7/9/19			64	6/19/19	64	6/19/19		
										63	7/9/19			62	6/18/19			64	8/16/19	64	8/16/19		
										63	7/15/19			62	8/20/19			63	6/28/19	63	6/28/19		
										62	7/26/19			61	6/12/19			60	7/28/19	60	7/28/19		
										61	4/22/19			60	7/27/19			60	7/29/19	60	7/29/19		
										60	6/11/19												
										59	6/4/19												
										59	6/14/19												
										57	4/25/19												
										57	6/7/19												
										57	7/2/19												
										56	5/5/19												
										55	3/12/19												
										56	7/5/19												

Southeast NA				Southeast NA				Southeast NA				CASTNET SITE		CASTNET SITE		CASTNET SITE			
260370001 Rose Lake Max Allowable 79 ppb		261050007 Scottville Max Allowable 80 ppb		261530001 Seney Max Allowable 93 ppb		260330901 Sault Ste Marie Max Allowable 107 ppb		260910007 Tecumseh Max Allowable 75 ppb		260991003 Warren Max Allowable 76 ppb		261610008 Ypsilanti Max Allowable 74 ppb		CASTNET SITE Hoxbyville Max Allowable 81 ppb		CASTNET SITE Unionville Max Allowable 84 ppb		CASTNET SITE Ann Arbor Max Allowable 71 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
60	7/1/19	59	6/27/19	67	7/26/19			63	6/27/19	70	7/1/19	64	6/27/19	62	5/31/19	63	6/27/19	66	7/9/19
58	6/27/19	58	6/4/19	61	3/12/19			62	6/19/19	68	6/27/19	62	7/9/19	62	6/27/19	63	7/10/19	60	6/12/19
55	5/15/19	57	4/21/19	60	6/27/19			62	7/9/19	67	7/10/19	62	7/15/19	62	9/20/19	60	6/4/19	59	6/27/19
55	7/10/19	57	4/22/19	59	7/25/19			59	7/10/19	62	7/15/19	60	6/19/19	61	6/4/19	59	6/12/19	58	6/29/19
														60	4/21/19				
														60	4/22/19				
														60	4/25/19				

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The four highest values in ppb are listed. All values at and above 60 ppb are included to illustrate frequency of occurrence.
 Max. Allowable is the maximum 4th highest value that can occur in 2018 without violation of the standard. Values above Max. Allowable are bold.
 Sites in violation of the standard are shaded red, sites not in violation of the standard are shaded green.



Max. allowable values calculated using 70 ppb as the primary NAAQS

Data updated through 11/13/18 - Data is not validated

261630001 Allen Park Max Allowable 75 ppb		260270003 Cassopolis Max Allowable 63 ppb		260210014 Coloma Max Allowable 65 ppb		261630019 East Seven Mile Max Allowable 62 ppb		260810022 Evans Max Allowable 74 ppb		260490021 Flint Max Allowable 76 ppb		260190003 Frankfort Max Allowable 75 ppb		260810020 Grand Rapids Max Allowable 73 ppb		260630007 Harbor Beach Max Allowable 76 ppb		260050003 Holland Max Allowable 65 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
79	5/28/18	78	7/9/18	78	5/28/18	80	7/13/18	75	5/29/18	77	5/25/18	87	5/25/18	75	5/25/18	77	5/25/18	85	5/25/18
71	8/4/18	76	5/25/18	77	5/31/18	80	8/4/18	74	5/25/18	76	5/29/18	75	5/1/18	75	5/29/18	76	6/29/18	80	5/31/18
70	5/25/18	76	5/28/18	76	5/25/18	75	6/29/18	68	5/27/18	71	5/29/18	70	7/9/18	71	5/31/18	73	7/15/18	77	7/13/18
69	7/13/18	75	5/29/18	73	5/27/18	74	5/25/18	67	5/1/18	69	7/3/18	69	6/29/18	71	7/13/18	70	7/13/18	74	5/27/18
68	5/29/18	75	6/15/18	73	5/29/18	71	5/28/18	67	7/13/18	68	7/13/18	68	5/24/18	70	5/27/18	68	5/26/18	74	6/17/18
68	7/15/18	73	5/31/18	73	7/9/18	71	7/9/18	66	5/8/18	67	8/4/18	67	5/8/18	67	5/28/18	66	7/1/18	73	5/29/18
65	6/17/18	70	5/26/18	72	7/13/18	71	7/15/18	65	5/2/18	65	8/5/18	66	8/5/18	67	8/2/18	66	7/14/18	72	7/9/18
64	6/29/18	69	7/13/18	71	6/15/18	69	5/29/18	65	5/31/18	65	5/9/18	64	7/14/18	66	6/15/18	65	5/8/18	72	8/2/18
63	5/24/18	67	5/24/18	70	5/26/18	69	6/7/18	64	5/24/18	65	7/19/18	63	7/13/18	64	5/1/18	64	5/9/18	69	5/28/18
62	6/7/18	65	5/8/18	68	5/5/18	68	6/17/18	63	5/26/18	64	4/23/18	63	4/30/18	64	5/8/18	64	7/4/18	68	5/1/18
62	6/8/18	65	6/7/18	68	5/8/18	66	6/28/18	63	5/28/18	64	5/26/18	62	4/23/18	64	5/26/18	64	7/9/18	67	5/2/18
60	5/27/18	65	7/15/18	67	7/15/18	65	6/8/18	63	7/9/18	64	8/31/18	62	8/4/18	64	7/9/18	63	6/17/18	66	5/8/18
60	8/3/18	64	5/5/18	66	5/24/18	64	8/7/18	63	8/2/18	63	6/29/18	61	7/8/18	63	4/23/18	62	5/28/18	65	5/24/18
		63	4/12/18	66	8/1/18	63	4/23/18	61	5/9/18	63	7/13/18	60	4/22/18	62	7/15/18	61	5/31/18	65	6/18/18
		62	5/17/18	65	5/1/18	63	5/24/18	61	5/16/18	62	5/1/18	60	5/2/18	62	8/5/18	61	7/12/18	65	7/15/18
		61	8/4/18	65	5/2/18	63	6/30/18	61	8/5/18	62	5/5/18	60	5/26/18	61	5/24/18	61	8/4/18	64	6/15/18
		60	5/1/18	64	6/18/18	62	5/1/18	60	5/5/18	62	6/17/18	61	6/29/18	60	5/1/18	63	4/23/18	63	4/23/18
		60	6/14/18	64	8/9/18	62	5/31/18	61	5/24/18	61	5/24/18	61	8/4/18	61	8/4/18	63	5/26/18	63	5/26/18
		60	6/28/18	62	8/4/18	62	7/14/18	61	5/31/18	61	7/12/18	60	5/2/18	60	5/16/18	62	5/5/18	62	5/5/18
		60	7/8/18	61	4/23/18	61	5/5/18	61	7/12/18	61	7/12/18	60	5/16/18	60	5/16/18	62	8/4/18	62	8/4/18
		60	8/1/18	60	4/22/18	61	5/23/18	60	4/30/18	60	4/30/18	60	6/11/18	60	6/11/18	62	8/5/18	61	8/1/18
				60	7/12/18	61	8/3/18	60	7/8/18	60	7/8/18	60	7/12/18	60	7/12/18	61	4/30/18	62	4/30/18
						60	5/9/18									61	8/1/18	60	8/1/18
							5/26/18									60	6/29/18	60	6/29/18
							7/8/18									60	7/12/18	60	7/12/18
							8/2/18												

261130001 Houghton Lake Max Allowable 76 ppb		261390005 Jenison Max Allowable 73 ppb		260770008 Kalamazoo Max Allowable 70 ppb		260650012 Lansing Max Allowable 73 ppb		261010922 Manistee (tribal) Max Allowable 77 ppb		261210039 Muskegon Max Allowable 62 ppb		260990009 New Haven Max Allowable 71 ppb		261250001 Oak Park Max Allowable 68 ppb		260492001 Otisville Max Allowable 76 ppb		261470005 Port Huron Max Allowable 72 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
69	5/25/18	75	5/25/18	75	5/28/18	84	5/29/18	74	5/25/18	95	5/25/18	83	6/17/18	86	7/13/18	77	5/25/18	86	5/25/18
67	5/1/18	75	5/31/18	73	5/25/18	74	5/25/18	67	6/29/18	88	7/9/18	81	5/25/18	82	6/29/18	75	5/29/18	81	6/17/18
67	5/9/18	74	5/29/18	72	5/27/18	70	5/27/18	66	7/9/18	86	7/13/18	80	6/29/18	78	8/4/18	70	5/28/18	80	6/29/18
66	6/29/18	72	7/13/18	71	7/13/18	69	5/28/18	65	7/13/18	77	5/29/18	76	5/28/18	77	5/28/18	68	7/13/18	76	7/13/18
65	4/23/18	69	5/27/18	70	6/15/18	69	7/13/18	64	7/13/18	76	6/17/18	75	7/13/18	76	6/8/18	67	6/29/18	73	5/28/18
63	5/8/18	69	6/15/18	69	5/29/18	68	5/31/18	63	5/1/18	69	5/1/18	74	6/7/18	74	5/29/18	64	8/4/18	71	5/24/18
63	5/29/18	69	8/2/18	69	8/2/18	67	7/3/18	63	7/14/18	68	5/24/18	74	8/4/18	73	5/25/18	63	5/24/18	70	8/4/18
63	8/5/18	68	5/28/18	68	5/26/18	66	6/15/18	62	8/5/18	68	7/12/18	73	5/29/18	72	6/7/18	63	7/3/18	69	7/9/18
62	4/30/18	67	5/8/18	65	5/5/18	63	5/26/18	62	5/26/18	67	5/31/18	73	7/9/18	71	7/8/18	63	7/9/18	68	5/1/18
61	4/22/18	66	5/1/18	65	5/8/18	63	6/8/18	67	8/5/18	73	7/15/18	69	7/9/18	69	7/9/18	62	6/17/18	66	7/16/18
61	5/28/18	65	6/8/18	65	5/16/18	63	6/29/18	67	5/16/18	67	6/16/18	68	5/24/18	61	5/26/18	65	5/31/18	65	5/31/18
61	7/8/18	65	7/9/18	65	7/9/18	62	5/24/18	67	7/16/18	67	7/16/18	66	7/3/18	61	7/19/18	65	6/16/18	65	6/16/18
		63	5/24/18	63	4/22/18	60	6/11/18	65	6/29/18	66	7/4/18	66	7/15/18	60	7/12/18	65	6/30/18	65	6/30/18
		63	5/26/18	63	5/2/18	60	7/9/18	65	6/30/18	66	7/14/18	65	6/15/18	65	7/1/18	65	7/4/18	65	7/4/18
		62	5/2/18	62	5/17/18			65	8/4/18	65	6/30/18	65	7/1/18	65	7/1/18	65	8/5/18	65	8/5/18
		61	7/15/18	62	5/24/18			64	7/15/18	64	6/28/18	63	4/23/18	63	4/23/18	63	5/2/18	63	5/2/18
		60	6/11/18	62	6/8/18			62	4/23/18	63	4/23/18	62	5/1/18	62	5/1/18	63	6/7/18	63	6/7/18
		60	7/12/18	61	6/7/18			62	4/30/18	63	5/24/18	62	6/17/18	62	6/17/18	62	4/30/18	62	4/30/18
		60	8/5/18	61	7/12/18			62	5/26/18	63	7/1/18	62	7/14/18	62	7/14/18	62	6/28/18	62	6/28/18
		60	4/23/18	60	4/23/18			62	8/2/18	63	7/3/18	61	4/30/18	61	4/30/18	61	5/31/18	61	5/31/18
		60	4/30/18	60	4/30/18			61	5/5/18	63	8/3/18	60	5/9/18	60	5/9/18	60	5/26/18	60	5/26/18
		60	5/1/18	60	5/1/18			61	8/1/18	62	5/9/18	60	5/9/18	60	5/9/18	60	8/3/18	60	8/3/18
		60	6/29/18	60	6/29/18			60	4/22/18	62	5/31/18	60	5/26/18	60	5/26/18	60	8/7/18	60	8/7/18
		60	7/8/18	60	7/15/18			60	5/9/18	61	5/1/18	61	5/26/18	60	8/7/18	60	5/5/18	60	5/5/18
								60	7/8/18	60	7/8/18	60	8/7/18	60	8/7/18	60	8/7/18	60	8/7/18

260370001 Rose Lake Max Allowable 77 ppb		261050007 Scottville Max Allowable 74 ppb		261530001 Seney Max Allowable 81 ppb		260330901 Sault Ste Marie Max Allowable 99 ppb		260910007 Tecumseh Max Allowable 77 ppb		260991003 Warren Max Allowable 77 ppb		261610008 Ypsilanti Max Allowable 75 ppb		CASTNET SITE Hoxbyville Max Allowable 78 ppb		CASTNET SITE Unionville Max Allowable 80 ppb		CASTNET SITE Ann Arbor Max Allowable 69 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
83	5/29/18	80	5/25/18	82	6/29/18			75	5/29/18	79	7/13/18	76	5/29/18	77	5/25/18	67	6/29/18	75	6/8/1

Summary of the Highest 8-Hour Ozone Concentrations for 2017 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 60 ppb are included to illustrate frequency of occurrence.
 Max. Allowable is the maximum 4th highest value that can occur in 2017 without violation of the standard. Values above Max. Allowable are bold.
 Sites in violation of the standard are shaded red, sites not in violation of the standard are shaded green.



Max. allowable values calculated using 70 ppb as the primary NAAQS

Data updated through 10/31/17 - Data is not validated

261630001 Allen Park Max Allowable 78 ppb		6/10/17 260270003 Cassopolis Max Allowable 67 ppb		6/10/17 260210014 Coloma Max Allowable 62 ppb		7/6/17 261630019 East Seven Mile Max Allowable 68 ppb		260810022 Evans Max Allowable 75 ppb		260490021 Flint Max Allowable 74 ppb		260190003 Frankfort Max Allowable 73 ppb		260810020 Grand Rapids Max Allowable 70 ppb		260630007 Harbor Beach Max Allowable 73 ppb		6/9/17 260050003 Holland Max Allowable 64 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
68	9/23/17	78	6/9/17	74	6/9/17	84	7/6/17	70	6/9/17	68	7/6/17	74	9/26/17	68	6/9/17	69	9/26/17	75	6/2/17
68	9/26/17	73	7/6/17	73	6/15/17	78	7/19/17	68	6/10/17	66	6/10/17	72	6/10/17	67	6/10/17	68	9/24/17	74	6/12/17
67	6/10/17	72	6/10/17	71	6/4/17	77	7/18/17	67	7/6/17	65	6/3/17	68	7/6/17	65	7/6/17	65	6/10/17	74	6/15/17
67	7/21/17	72	6/15/17	69	6/10/17	77	9/26/17	66	6/12/17	64	5/16/17	66	5/17/17	64	6/4/17	64	7/18/17	71	6/10/17
66	7/6/17	71	6/4/17	69	7/18/17	76	8/1/17	65	9/26/17	63	6/4/17	65	5/16/17	63	6/15/17	63	8/10/17	69	6/11/17
65	8/1/17	71	7/18/17	65	6/2/17	74	8/10/17	64	6/3/17	63	8/16/17	64	9/24/17	63	7/11/17	61	7/6/17	68	6/9/17
64	7/27/17	68	6/3/17	64	6/11/17	73	9/25/17	63	6/4/17	63	9/24/17	63	6/11/17	63	7/21/17	60	6/4/17	68	9/26/17
63	5/16/17	65	6/11/17	63	6/29/17	71	6/10/17	62	5/16/17	62	6/11/17	62	10/20/17	62	6/3/17	60	6/9/17	67	6/4/17
62	6/11/17	64	5/16/17	62	5/13/17	70	7/3/17	62	4/24/17	62	7/11/17	61	4/9/17	62	6/12/17	62	6/12/17	67	6/29/17
60	7/19/17	63	7/19/17	61	5/11/17	70	7/3/17	62	6/16/17	62	8/10/17	61	9/25/17	62	6/16/17	62	6/16/17	65	5/16/17
		61	4/9/17	61	5/16/17	69	5/16/17	62	6/29/17	62	9/25/17	60	5/11/17	62	6/17/17	62	6/17/17	65	6/17/17
		61	4/24/17	61	9/26/17	69	6/29/17	62	8/1/17	62	9/26/17	60	6/3/17	62	6/29/17	62	6/29/17	64	6/17/17
		61	6/2/17	60	4/24/17	68	9/23/17	62	9/23/17	61	8/1/17	60	6/9/17	62	7/5/17	64	7/6/17	64	7/11/17
		61	6/12/17	60	6/12/17	67	6/11/17	61	6/11/17	61	9/23/17	60	6/15/17	61	6/11/17	61	6/11/17	64	7/11/17
		61	6/29/17	60	6/13/17	67	6/17/17	61	6/15/17	60	5/17/17	60	8/1/17	61	9/26/17	61	9/26/17	62	4/26/17
		61	7/5/17	60	6/16/17	67	8/21/17	60	4/15/17	60	4/9/17	60	4/9/17	60	4/24/17	61	4/24/17	62	6/30/17
		60	4/26/17	60	7/5/17	67	9/24/17	60	4/9/17	60	6/14/17	60	6/14/17	60	5/16/17	62	7/20/17	62	7/20/17
		60	5/10/17	60	7/6/17	66	6/4/17	60	5/10/17	60	6/29/17	60	6/29/17	61	4/15/17	61	4/15/17	61	4/24/17
		60	5/11/17	60	9/23/17	65	6/12/17	60	9/25/17	60	7/19/17	60	7/19/17	61	5/13/17	61	5/13/17	61	5/13/17
		60	5/18/17			65	6/21/17	65	8/3/17	65	8/9/17	65	8/9/17	61	7/19/17	61	7/19/17	61	9/23/17
						65	8/3/17	65	8/15/17	65	8/15/17	65	8/15/17	61	9/24/17	61	9/24/17	60	4/9/17
						65	8/9/17	65	8/30/17	65	8/30/17	65	8/30/17	60	5/11/17	60	5/11/17	60	5/11/17
						64	7/26/17	64	7/26/17	64	7/26/17	64	7/26/17	60	6/14/17	60	6/14/17	60	6/14/17
						64	8/2/17	64	8/2/17	64	8/2/17	64	8/2/17	60	6/14/17	60	6/14/17	60	6/14/17
						63	7/21/17	63	7/21/17	63	7/21/17	63	7/21/17	60	6/14/17	60	6/14/17	60	8/1/17
						63	7/27/17	63	7/27/17	63	7/27/17	63	7/27/17	60	6/14/17	60	6/14/17		
						63	8/20/17	63	8/20/17	63	8/20/17	63	8/20/17	60	6/14/17	60	6/14/17		
						62	4/9/17	62	4/9/17	62	4/9/17	62	4/9/17	60	6/14/17	60	6/14/17		
						62	5/23/17	62	5/23/17	62	5/23/17	62	5/23/17	60	6/14/17	60	6/14/17		
						62	6/13/17	62	6/13/17	62	6/13/17	62	6/13/17	60	6/14/17	60	6/14/17		
						62	6/16/17	62	6/16/17	62	6/16/17	62	6/16/17	60	6/14/17	60	6/14/17		
						62	7/11/17	62	7/11/17	62	7/11/17	62	7/11/17	60	6/14/17	60	6/14/17		
						62	7/23/17	62	7/23/17	62	7/23/17	62	7/23/17	60	6/14/17	60	6/14/17		
						61	9/21/17	61	9/21/17	61	9/21/17	61	9/21/17	60	6/14/17	60	6/14/17		
						60	5/13/17	60	5/13/17	60	5/13/17	60	5/13/17	60	6/14/17	60	6/14/17		
						60	6/30/17	60	6/30/17	60	6/30/17	60	6/30/17	60	6/14/17	60	6/14/17		
						60	7/20/17	60	7/20/17	60	7/20/17	60	7/20/17	60	6/14/17	60	6/14/17		

261130001 Houghton Lake Max Allowable 74 ppb		261390005 Jenison Max Allowable 73 ppb		260770008 Kalamazoo Max Allowable 71 ppb		260650012 Lansing Max Allowable 75 ppb		261010922 Manistee (tribal) Max Allowable 75 ppb		6/4/17 261210039 Muskegon Max Allowable 62 ppb		9/26/17 260990009 New Haven Max Allowable 65 ppb		261250001 Oak Park Max Allowable 71 ppb		260492001 Otisville Max Allowable 72 ppb		7/6/17 261470005 Port Huron Max Allowable 64 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
71	6/10/17	68	6/10/17	71	6/9/17	69	6/10/17	73	6/10/17	82	6/12/17	73	8/1/17	84	7/6/17	68	7/6/17	74	6/10/17
63	9/26/17	67	6/9/17	69	6/3/17	68	6/4/17	67	9/26/17	75	6/10/17	72	7/6/17	74	9/23/17	66	6/10/17	72	7/6/17
62	5/16/17	66	7/11/17	69	7/6/17	66	6/3/17	66	5/17/17	75	6/11/17	71	6/10/17	70	9/22/17	64	9/26/17	69	9/23/17
62	5/17/17	65	6/4/17	68	6/4/17	66	6/9/17	65	5/16/17	74	9/26/17	66	9/26/17	69	6/10/17	63	5/16/17	67	6/11/17
61	10/20/17	64	6/15/17	68	6/10/17	66	7/6/17	65	7/6/17	71	6/9/17	65	6/11/17	69	7/18/17	62	6/3/17	67	9/26/17
		64	6/29/17	63	6/2/17	65	6/15/17	64	9/24/17	70	6/17/17	65	6/16/17	68	5/16/17	61	6/11/17	65	6/22/17
		63	6/11/17	62	5/16/17	62	6/11/17	61	5/13/17	69	5/16/17	65	7/7/17	68	8/10/17	61	8/11/17	64	6/16/17
		63	6/13/17	62	6/11/17	62	6/29/17	61	6/11/17	67	6/2/17	65	7/19/17	67	8/1/17	60	4/9/17	64	7/18/17
		63	6/16/17	61	4/26/17	61	5/16/17	61	9/25/17	67	6/15/17	64	5/16/17	66	7/21/17	60	5/17/17	63	7/7/17
		63	7/6/17	61	6/12/17	61	6/12/17	60	4/9/17	65	7/18/17	64	7/18/17	66	9/26/17	60	6/29/17	63	8/1/17
		63	9/26/17	61	6/13/17	61	6/14/17	60	9/25/17	65	9/25/17	64	8/9/17	65	6/4/17	60	9/24/17	63	9/24/17
		62	5/16/17	61	7/18/17	61	9/26/17	60	8/1/17	63	4/15/17	62	6/4/17	63	6/11/17	62	5/17/17		

Summary of the Highest 8-Hour Ozone Concentrations for 2016 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 60 ppb are included to illustrate frequency of occurrence.
 Max. Allowable is the maximum 4th highest value that can occur in 2016 without violation of the standard. Values above Max. Allowable are bold.
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Max. allowable values calculated using 70 ppb as the primary NAAQS
 Data subject to validation - updated through 9/30/16

261630001 Alien Park Max Allowable 84 ppb		260270003 Cassopolis Max Allowable 78 ppb		260210014 Coloma Max Allowable 67 ppb		261630019 East Seven Mile Max Allowable 69 ppb		260810022 Evans Max Allowable 81 ppb		260490021 Flint Max Allowable 78 ppb		260190003 Frankfort Max Allowable 76 ppb		260810020 Grand Rapids Max Allowable 79 ppb		260630007 Harbor Beach Max Allowable 79 ppb		260050003 Holland Max Allowable 63 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
80	8/10/16	78	4/18/16	83	5/24/16	84	8/10/16	79	5/24/16	79	6/10/16	80	5/24/16	81	5/24/16	75	5/26/16	74	6/10/16
74	6/10/16	78	6/15/16	80	4/17/16	80	5/24/16	74	4/18/16	76	5/24/16	76	5/28/16	76	4/18/16	73	7/12/16	80	5/24/16
73	5/24/16	77	6/25/16	80	6/15/16	73	4/18/16	73	7/20/16	75	8/4/16	75	4/17/16	75	7/20/16	71	4/18/16	78	6/11/16
70	4/18/16	76	4/17/16	79	6/10/16	73	5/25/16	72	6/10/16	73	4/17/16	75	8/4/16	73	4/17/16	71	5/24/16	76	4/17/16
69	5/25/16	76	5/24/16	78	4/18/16	73	6/10/16	72	6/19/16	72	4/18/16	73	4/18/16	73	6/10/16	71	5/25/16	75	7/6/16
66	6/4/16	76	6/10/16	75	6/11/16	73	6/19/16	70	6/25/16	72	6/4/16	73	6/19/16	73	6/19/16	69	6/19/16	74	6/25/16
66	6/11/16	76	6/11/16	74	6/25/16	72	6/22/16	69	4/17/16	71	6/19/16	72	4/16/16	73	6/25/16	67	4/17/16	73	4/18/16
66	6/22/16	75	6/19/16	73	4/16/16	72	6/30/16	69	8/7/16	70	5/23/16	71	8/3/16	61	5/23/16	61	7/20/16	73	6/19/16
66	6/30/16	69	5/23/16	72	5/23/16	71	7/27/16	68	5/23/16	69	4/16/16	70	6/25/16	70	8/3/16	61	8/10/16	71	4/16/16
66	7/11/16	69	4/16/16	72	6/20/16	70	6/11/16	67	5/25/16	68	5/25/16	68	5/23/16	68	6/30/16	60	6/20/16	69	5/25/16
65	6/19/16	69	6/2/16	72	6/30/16	69	4/17/16	67	6/30/16	68	4/17/16	68	7/20/16	67	8/2/16	67	8/2/16	68	5/23/16
64	4/16/16	69	6/13/16	70	7/6/16	69	6/26/16	66	4/16/16	68	6/25/16	65	6/10/16	67	8/2/16	66	8/2/16	68	6/20/16
64	7/23/16	68	7/24/16	69	8/4/16	69	7/7/16	63	5/4/16	68	7/4/16	63	7/12/16	66	6/22/16	66	6/22/16	67	6/22/16
64	8/1/16	68	8/4/16	68	7/20/16	69	7/11/16	62	6/11/16	65	5/27/16	62	5/9/16	66	8/4/16	66	8/4/16	67	9/22/16
63	7/12/16	68	8/10/16	68	9/13/16	68	6/20/16	60	4/15/16	65	6/20/16	61	8/9/16	66	8/4/16	66	8/4/16	66	8/4/16
62	9/22/16	67	9/22/16	67	8/10/16	68	7/23/16	60	5/31/16	64	6/20/16	61	8/10/16	65	5/25/16	65	5/25/16	66	8/4/16
62	4/17/16	66	4/15/16	66	5/21/16	68	8/4/16	60	7/6/16	64	6/11/16	60	6/30/16	64	4/15/16	64	4/15/16	65	6/15/16
60	6/3/16	66	5/25/16	66	5/25/16	67	7/12/16	62	7/22/16	62	7/22/16	62	7/22/16	63	8/9/16	62	6/4/16	65	7/20/16
60	8/4/16	66	6/30/16	66	6/6/16	66	7/22/16	62	6/15/16	62	8/3/16	62	8/3/16	62	6/4/16	62	6/4/16	62	4/15/16
		66	6/30/16	66	8/17/16	65	4/16/16	61	4/15/16	62	8/10/16	61	4/16/16	61	4/16/16	61	5/31/16	62	7/22/16
		66	8/3/16	65	9/22/16	65	9/22/16	61	4/15/16	61	4/15/16	61	5/31/16	61	5/31/16	61	5/31/16	62	8/3/16
		64	6/14/16	64	4/15/16	64	7/22/16	60	7/12/16	61	7/12/16	61	6/20/16	61	6/20/16	61	6/20/16	62	8/3/16
		64	6/18/16	64	6/6/16	63	6/25/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	4/25/16
		64	7/22/16	63	5/31/16	62	5/27/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	6/23/16
		63	6/3/16	63	6/13/16	62	5/28/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	5/26/16
		63	8/9/16	63	6/14/16	62	6/4/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	7/8/16
		62	5/23/16	63	7/27/16	62	7/8/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	8/11/16
		61	7/6/16	62	8/3/16	62	7/13/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	9/13/16
		61	5/21/16	62	4/25/16	61	5/23/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	9/13/16
		61	5/31/16	62	7/8/16	61	9/5/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	9/13/16
		60	7/27/16	62	7/23/16	60	5/26/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	9/13/16
		60	6/20/16	61	5/22/16	60	6/3/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	9/13/16
		60	7/8/16	61	5/26/16	60	6/24/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	9/13/16
		60	8/4/16	61	7/5/16	60	7/20/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	9/13/16
		60	8/4/16	60	6/2/16	60	6/2/16	60	6/18/16	60	6/18/16	61	6/18/16	61	8/10/16	61	8/10/16	62	9/13/16

261130001 Houghton Lake Max Allowable 85 ppb		261390005 Jenison Max Allowable 76 ppb		260770008 Kalamazoo Max Allowable 78 ppb		260650012 Lansing Max Allowable 83 ppb		261010922 Manistee (tribal) Max Allowable		261210039 Muskegon Max Allowable 63 ppb		260990009 New Haven Max Allowable 69 ppb		261250001 Oak Park Max Allowable 79 ppb		260492001 Otsville Max Allowable 77 ppb		261470005 Port Huron Max Allowable 66 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
74	4/18/16	80	5/24/16	75	5/24/16	78	4/18/16	79	5/24/16	89	6/10/16	85	5/24/16	77	5/24/16	79	6/10/16	82	5/24/16
74	4/17/16	75	6/10/16	74	6/19/16	76	5/24/16	71	8/4/16	89	5/24/16	79	6/13/16	77	6/11/16	77	5/24/16	78	4/18/16
74	5/24/16	74	4/18/16	73	4/18/16	73	6/19/16	70	4/17/16	80	6/19/16	78	5/25/16	74	4/19/16	76	4/18/16	78	5/25/16
73	4/18/16	74	7/20/16	73	6/25/16	71	6/10/16	70	6/19/16	79	4/17/16	76	6/30/16	74	8/10/16	72	5/23/16	74	6/19/16
71	6/19/16	73	6/19/16	73	7/20/16	70	4/17/16	69	6/25/16	77	4/18/16	73	7/27/16	70	4/17/16	72	8/4/16	69	6/30/16
70	6/10/16	72	4/17/16	73	8/10/16	70	4/16/16	68	4/18/16	72	4/16/16	71	4/18/16	70	6/19/16	71	4/17/16	67	6/26/16
67	5/27/16	71	6/11/16	72	6/10/16	70	8/10/16	65	5/26/16	72	5/25/16	70	8/10/16	69	5/25/16	71	5/25/16	66	5/27/16
66	6/25/16	71	7/6/16	70	4/17/16	68	6/11/16	65	6/10/16	72	6/25/16	69	6/11/16	69	6/18/16	70	6/19/16	66	7/13/16
64	6/4/16	68	5/23/16	68	6/11/16	67	5/23/16	64	7/20/16	69	5/23/16	69	6/15/16	68	6/11/16	69	6/15/16	65	6/10/16
64	5/23/16	67	5/25/16	66	6/5/16	65	5/25/16	62	4/16/16	69	6/11/16	69	6/26/16	68	6/11/16	68	4/16/16	64	6/10/16
64	5/25/16	66	4/16/16	65	4/16/16	65	6/4/16	62	5/23/16	67	6/11/16	68	5/23/16	65	6/15/16	67	5/27/16	63	5/23

Summary of the Highest 8-Hour Ozone Concentrations for 2015 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 76 ppb are included to illustrate frequency of occurrence.
 Max. Allowable is the maximum 4th highest value that can occur in 2015 without violation of the standard. Values above Max. Allowable are **bold**.
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



Max. allowable values calculated using 75 ppb as the primary NAAQS

Top four values for each site are validated

261630001 Allen Park Max Allowable 99 ppb		260270003 Cassopolis Max Allowable 90 ppb		260210014 Coloma Max Allowable 80 ppb		261630019 East Seven Mile Max Allowable 87 ppb		260810022 Evans Max Allowable 93 ppb		260490021 Flint Max Allowable 94 ppb		260190003 Frankfort Max Allowable 89 ppb		260810020 Grand Rapids Max Allowable 93 ppb		260630007 Harbor Beach Max Allowable 97 ppb		260050003 Holland Max Allowable 72 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
69	7/6/15	74	6/10/15	78	9/3/15	80	7/6/15	73	7/24/15	74	7/12/15	73	5/7/15	76	7/24/15	79	7/6/15	84	7/17/15
69	7/11/15	78	5/7/15	74	7/17/15	74	7/11/15	66	5/7/15	70	5/7/15	72	7/24/15	72	7/5/15	78	7/12/15	79	7/24/15
66	9/17/15	69	7/5/15	73	5/7/15	72	9/17/15	65	5/3/15	68	7/28/15	69	6/4/15	68	7/10/15	68	9/16/15	75	5/7/15
64	5/8/15	68	4/18/15	72	7/5/15	70	5/3/15	65	5/2/15	66	5/3/15	67	5/3/15	67	9/6/15	67	9/2/15	72	9/2/15
63	5/3/15	67	5/2/15	70	5/2/15	68	5/8/15	64	7/5/15	64	7/6/15	64	7/11/15	65	8/15/15	65	5/7/15	68	8/15/15
63	8/15/15	66	9/16/15	68	7/24/15	68	6/10/15	63	4/17/15	63	5/2/15	63	5/2/15	64	9/16/15	64	5/3/15	68	9/6/15
63	9/6/15	65	5/23/15	67	6/10/15	66	8/15/15	63	9/16/15	63	6/10/15	63	9/6/15	62	5/2/15	63	9/17/15	67	5/2/15
62	9/16/15	64	4/17/15	67	7/23/15	65	5/24/15	62	6/4/15	63	9/16/15	62	5/23/15	62	5/3/15	62	7/28/15	67	6/4/15
61	6/10/15	64	5/3/15	66	5/23/15	64	9/1/15	60	5/23/15	62	5/28/15	61	5/24/15	62	9/2/15	61	7/5/15	66	5/3/15
61	7/10/15	64	5/4/15	66	6/4/15	63	5/2/15	60	6/8/15	62	9/17/15	60	7/6/15	61	5/7/15	60	5/29/15	66	7/5/15
61	8/23/15	64	7/23/15	66	8/15/15	63	9/8/15	60	7/11/15	61	4/17/15	60	7/18/15	61	5/23/15	60	7/29/15	65	6/8/15
60	5/23/15	64	7/24/15	65	6/9/15	62	5/23/15	61	5/24/15	61	5/24/15	60	9/16/15	61	6/8/15	61	6/8/15	65	8/2/15
60	5/24/15	63	9/6/15	64	5/3/15	62	9/6/15	60	6/3/15	60	6/3/15	61	7/6/15	61	7/6/15	64	5/8/15	64	5/8/15
60	7/4/15	61	6/4/15	64	6/8/15	61	5/7/15	60	7/11/15	60	7/11/15	61	7/11/15	61	7/11/15	64	9/7/15	64	9/7/15
		61	7/4/15	63	7/20/15	61	7/5/15					61	7/13/15	61	7/13/15	64	9/16/15	64	9/16/15
		60	5/24/15	62	7/28/15	61	7/23/15					61	8/2/15	61	8/2/15	63	9/1/15	63	9/1/15
		60	7/28/15	62	9/7/15	61	7/24/15					61	9/1/15	61	9/1/15	62	5/28/15	62	5/28/15
		60	9/2/15	61	4/17/15	61	7/25/15					60	6/4/15	60	6/4/15	62	6/3/15	62	6/3/15
		60	9/23/15	61	9/6/15	60	7/18/15									62	9/15/15	62	9/15/15
				61	5/6/15	60	8/16/15									61	5/23/15	61	5/23/15
				60	6/24/15											61	7/6/15	61	7/6/15
				60	7/25/15											61	8/13/15	61	8/13/15
				60	8/2/15											61	9/23/15	61	9/23/15
																60	7/12/15	60	7/12/15
																60	7/20/15	60	7/20/15
																60	7/27/15	60	7/27/15
																60	7/28/15	60	7/28/15
																60	8/14/15	60	8/14/15
																60	8/16/15	60	8/16/15

261130001 Houghton Lake Max Allowable 99 ppb		261390005 Jenison Max Allowable 86 ppb		260770008 Kalamazoo Max Allowable 92 ppb		260650012 Lansing Max Allowable 96 ppb		261010922 Manistee (tribal) Max Allowable 92 ppb		261210039 Muskegon Max Allowable 79 ppb		260990009 New Haven Max Allowable 84 ppb		261250001 Oak Park Max Allowable 93 ppb		260492001 Otisville Max Allowable 92 ppb		261470005 Port Huron Max Allowable 85 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
71	5/7/15	77	7/24/15	71	5/7/15	68	5/7/15	76	5/7/15	89	7/24/15	79	9/1/15	75	8/15/15	73	5/7/15	78	5/24/15
69	7/24/15	66	5/7/15	70	6/10/15	66	5/3/15	72	7/24/15	77	8/17/15	76	7/6/15	72	7/11/15	67	5/3/15	76	9/2/15
66	5/3/15	66	6/8/15	70	7/5/15	65	4/17/15	69	6/4/15	75	9/6/15	72	9/6/15	72	7/6/15	67	7/6/15	75	9/17/15
64	7/6/15	65	5/2/15	67	5/2/15	64	5/2/15	67	5/3/15	74	5/7/15	72	7/24/15	66	6/10/15	67	7/12/15	75	8/15/15
63	5/24/15	64	5/3/15	67	9/3/15	63	6/10/15	64	5/2/15	74	5/8/15	70	9/17/15	65	7/10/15	65	7/28/15	72	7/28/15
60	5/2/15	64	6/4/15	64	5/23/15	61	5/4/15	64	9/6/15	73	6/4/15	68	5/3/15	64	5/3/15	64	5/28/15	71	5/3/15
60	9/16/15	63	5/23/15	63	4/17/15	61	6/8/15	62	7/6/15	71	7/11/15	68	5/24/15	63	7/5/15	63	5/2/15	70	5/8/15
		63	9/6/15	63	5/3/15	61	7/5/15	62	7/11/15	68	9/2/15	66	5/2/15	62	5/24/15	63	5/24/15	70	7/6/15
		62	7/17/15	63	6/8/15	60	7/11/15	60	5/8/15	67	5/3/15	66	8/16/15	61	5/2/15	63	6/10/15	69	7/11/15
		62	7/28/15	63	7/24/15			67	9/1/15	65	5/8/15	61	9/17/15	62	4/17/15	62	4/17/15	69	9/1/15
		62	9/2/15	63	9/16/15			66	9/16/15	64	7/11/15	60	5/8/15	62	9/16/15	62	9/16/15	68	7/12/15
		61	8/2/15	60	5/4/15			64	6/24/15	63	7/5/15	60	5/23/15	62	9/17/15	62	9/17/15	68	8/16/15
		61	9/16/15	60	6/4/15			64	9/17/15	63	9/8/15	60	7/26/15	61	7/11/15	66	7/5/15	66	7/5/15
		60	9/23/15	60	7/6/15			63	8/2/15	62	5/23/15	60	7/28/15	60	5/23/15	64	5/23/15	64	5/23/15
				60	7/28/15			63	8/15/15	62	7/12/15	60	8/23/15			64	6/10/15	64	6/10/15
				60	9/23/15			62	5/2/15	61	7/10/15					64	7/29/15	64	7/29/15
								62	7/6/15	61	7/18/15					64	9/7/15	64	9/7/15
								61	6/3/15	61	8/23/15					63	9/5/15	63	9/5/15
								61	7/28/15	61	9/16/15					62	7/24/15	62	7/24/15
								61	9/15/15	60	4/17/15					62	9/6/15	62	9/6/15
								60	7/12/15	60	5/7/15					61	8/17/15	61	8/17/15
										60	8/15/15					61	9/8/15	61	9/8/15
																61	9/15/15	61	9/15/15
																60	9/23/15	60	9/23/15

260370001 Rose Lake Max Allowable 97 ppb		261050007 Scottville Max Allowable 89 ppb		261530001 Seney Max Allowable 92 ppb		260330901 Sault Ste marie Max Allowable 109 ppb		260910007 Tecumseh Max Allowable 95 ppb		260991003 Warren Max Allowable 93 ppb		261610008 Ypsilanti Max Allowable 92 ppb		CASTNET SITE Hoxyville Max Allowable 95 ppb		CASTNET SITE Unionville Max Allowable 101 ppb		CASTNET SITE Ann Arbor Max Allowable 94 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
70	5/7/15	72	5/7/15	80	9/16/15	65	5/24/15	67	5/3/15	66	7/6/15	67	7/10/15	70	5/7/15	74	5/7/15	66	5/7/15
66	5/3/15	68	9/6/15	76	5/7/15	34	5/3/15	65	6/10/15	65	5/3/15	67	6/10/15	66	7/24/15	73	5/3/15	65	7/6/15
65	4/17/15	67	5/3/15	71	9/15/15	63	7/24/15	65	5/2/15	65	5/24/15	65	5/3/15	65	5/3/15	68	5/24/15	65	5/3/15
64	5/2/15	66	7/24/15	70	5/24/15	59	5/7/15	65	7/6/15	64	6/10/15	64	7/6/15	64	5/2/15	64	9/17/15	64	6/10/15
61	6/10/15	65	5/2/15	69	7/12/15			64	9/16/15	64	9/1/15	64	9/16/15	63	5/23/15	63	7/12/15	65	7/27/15
61	7/5/15	64	6/4/15	68	5/3/15			64	9/17/15	63	7/11/15	63	5/2/15	62	6/3/15	63	9/16/15	64	5/2/15
61	9/16/15	64	7/11/15	68	7/24/15			63	4/17/15	62	9/17/15	62	7/11/15	62	7/6/15	61	5/29/15	64	9/23/15
61	9/17/15	63	7/5/15	67	5/2/15			63	4/18/15	61	5/8/15	61	4/17/15	61	5/24/15	61	7/6/15	63	4/17/15
60	7/6/15	62	9/1																

Summary of the Highest 8-Hour Ozone Concentrations for 2014 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 76 ppb are included to illustrate frequency of occurrence.
 Max. Allowable is the maximum 4th highest value that can occur in 2014 without violation of the standard. Values above Max. Allowable are **bold**.
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



Max. allowable values calculated using 75 ppb as the primary NAAQS
 Data subject to validation - updated through 9/30/14

5/20/14										4/20/14										
261630001 Allen Park Max Allowable 86 ppb		260270003 Cassopolis Max Allowable 72 ppb		260210014 Coloma Max Allowable 62 ppb		261630019 East Seven Mile Max Allowable 77 ppb		260810022 Evans Max Allowable 81 ppb		260490021 Flint Max Allowable 77 ppb		260190003 Frankfort Max Allowable 75 ppb		260810020 Grand Rapids Max Allowable 78 ppb		260630007 Harbor Beach Max Allowable 80 ppb		260050003 Holland Max Allowable 54 ppb		
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	
74	8/3/14	76	6/7/14	79	6/7/14	81	8/3/14	70	6/1/14	71	6/1/14	73	7/22/14	71	7/20/14	74	7/21/14	84	8/3/14	
68	6/7/14	71	6/1/14	75	7/20/14	73	7/12/14	67	6/7/14	70	4/21/14	72	6/7/14	69	6/1/14	68	5/26/14	83	6/7/14	
65	7/20/14	69	5/25/14	74	5/25/14	72	7/22/14	66	5/25/14	70	5/26/14	71	6/1/14	67	5/20/14	68	6/1/14	79	7/20/14	
64	6/1/14	67	4/21/14	74	6/2/14	71	7/21/14	65	4/21/14	67	5/11/14	69	5/11/14	67	5/31/14	65	6/28/14	75	8/16/14	
63	7/12/14	67	6/9/14	72	8/2/14	69	6/7/14	65	5/8/14	66	6/15/14	67	7/20/14	66	5/25/14	65	8/1/14	73	5/20/14	
62	6/28/14	66	6/14/14	71	6/14/14	68	5/26/14	65	5/11/14	64	5/19/14	65	4/20/14	65	6/7/14	64	6/16/14	73	5/26/14	
61	6/9/14	66	6/16/14	70	6/1/14	67	6/1/14	65	5/20/14	64	6/27/14	65	5/8/14	62	5/19/14	60	4/8/14	72	6/1/14	
60	5/26/14	65	8/2/14	69	8/16/14	67	7/26/14	64	7/20/14	63	6/22/14	65	5/19/14	62	5/26/14	60	4/21/14	70	5/25/14	
60	6/15/14	64	5/21/14	68	5/27/14	66	6/28/14	63	5/19/14	62	4/20/14	63	5/18/14	62	8/2/14	60	6/7/14	69	6/2/14	
60	7/21/14	64	5/26/14	67	5/26/14	64	4/21/14	63	5/26/14	62	7/21/14	62	4/7/14	61	5/8/14	60	7/12/14	67	7/22/14	
		64	6/6/14	66	5/30/14	64	6/21/14	63	5/31/14	61	6/28/14	62	5/21/14	61	5/18/14			66	5/8/14	
		64	8/16/14	66	6/16/14	63	6/16/14	62	5/18/14	60	5/8/14	61	7/19/14	61	7/21/14			66	6/16/14	
		63	5/31/14	65	5/21/14	62	5/11/14	62	7/22/14	60	5/20/14	60	4/6/14	61	7/22/14			65	5/18/14	
		63	6/17/14	65	8/3/14	62	5/25/14	61	4/20/14	60	5/25/14	60	4/8/14	61	8/3/14			65	6/14/14	
		62	5/11/14	64	4/21/14	61	4/20/14	61	7/21/14	60	6/16/14	60	5/26/14	60	4/21/14			65	9/26/14	
		62	5/30/14	64	7/21/14	61	5/19/14	60	6/2/14					60	5/11/14			64	5/11/14	
		62	8/3/14	63	4/20/14	61	6/6/14							60	6/29/14			64	5/21/14	
		62	9/29/14	63	5/8/14	61	6/15/14							60	9/29/14			64	5/30/14	
		61	5/19/14	63	5/20/14	61	9/29/14											64	7/26/14	
		61	6/12/14	63	9/29/14	60	5/8/14											64	7/31/14	
		61	8/4/14	62	5/11/14	60	7/20/14											64	8/2/14	
		61	8/8/14	62	5/18/14	60	8/4/14											63	4/21/14	
		61	8/20/14	62	5/31/14													63	6/12/14	
		61	9/26/14	62	6/12/14													63	7/21/14	
		60	4/20/14	60	5/19/14													62	4/20/14	
		60	5/8/14	60	7/19/14													62	6/29/14	
		60	5/10/14	60	7/22/14													61	5/19/14	
		60	5/29/14	60	7/26/14													60	6/15/14	
		60	6/15/14																	

5/21/14																			
261130001 Houghton Lake Max Allowable 84 ppb		261390005 Jenison Max Allowable 73 ppb		260770008 Kalamazoo Max Allowable 75 ppb		260650012 Lansing Max Allowable 81 ppb		261010922 Manistee (tribal) Max Allowable 76 ppb		261210039 Muskegon Max Allowable 63 ppb		260990009 New Haven Max Allowable 74 ppb		261250001 Oak Park Max Allowable 79 ppb		260492001 Otisville Max Allowable 77 ppb		261470005 Port Huron Max Allowable 76 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
70	6/1/14	73	7/20/14	73	6/7/14	68	4/20/14	71	6/7/14	78	8/3/14	82	8/3/14	73	8/3/14	72	4/21/14	73	5/26/14
67	5/11/14	71	5/20/14	71	6/1/14	68	6/1/14	70	7/22/14	76	5/26/14	73	7/22/14	71	6/1/14	71	5/26/14	72	7/21/14
66	5/19/14	71	6/1/14	68	5/27/14	68	6/7/14	69	6/1/14	76	6/7/14	72	5/25/14	71	6/7/14	68	5/11/14	72	7/22/14
63	4/20/14	67	6/7/14	67	6/8/14	65	5/26/14	69	5/8/14	68	7/20/14	71	6/7/14	67	4/21/14	68	6/1/14	68	4/21/14
63	6/15/14	69	5/30/14	66	4/21/14	63	5/31/14	66	5/11/14	73	6/1/14	70	5/26/14	66	5/26/14	67	7/21/14	68	7/6/14
62	6/7/14	68	5/25/14	66	5/25/14	62	6/9/14	66	6/9/14	70	5/8/14	70	7/12/14	66	6/28/14	65	5/19/14	66	5/19/14
60	4/7/14	66	5/31/14	65	6/14/14	61	4/21/14	62	5/21/14	69	5/20/14	70	7/21/14	65	6/12/14	65	6/28/14	66	6/7/14
60	5/18/14	66	8/3/14	64	6/16/14	61	5/25/14	61	5/19/14	69	7/22/14	69	5/21/14	65	7/12/14	64	6/7/14	65	6/1/14
60	5/25/14	65	5/26/14	63	5/31/14	61	6/8/14	61	6/15/14	68	5/11/14	68	7/26/14	65	7/22/14	63	4/20/14	64	5/11/14
60	6/28/14	64	5/8/14	63	7/20/14	60	6/6/14	60	5/18/14	68	5/25/14	67	5/11/14	64	6/9/14	63	6/22/14	63	5/25/14
60	7/22/14	64	8/2/14	61	4/20/14	60	7/20/14			64	5/21/14	67	6/1/14	62	6/6/14	62	6/15/14	62	6/16/14
		63	5/11/14	61	5/11/14					63	4/20/14	67	6/28/14	61	4/20/14	62	6/16/14	62	6/28/14
		63	6/14/14	61	5/21/14					63	5/18/14	66	4/21/14	61	5/11/14	61	5/25/14	61	7/26/14
		63	7/21/14	61	6/6/14					62	5/19/14	66	9/29/14	61	6/15/14	60	5/18/14	60	4/20/14
		63	7/22/14	61	8/2/14					62	5/30/14	65	5/8/14	61	6/16/14	60	5/21/14	60	7/11/14
		62	5/18/14	60	5/19/14					62	6/2/14	64	4/20/14	61	6/27/14	60	5/31/14	60	8/1/14
		62	6/2/14	60	5/26/14					62	8/16/14	63	5/19/14	61	9/29/14				
		62	8/10/14							61	6/14/14	63	6/9/14	60	5/19/14				
		61	4/21/14							61	7/21/14	63	6/6/14	60	5/21/14				
		61	5/19/14							60	7/26/14	62	6/16/14	60	5/25/14				
		61	6/29/14							60	4/12/14	60	7/20/14	60	7/20/14				
		61	9/29/14							60	7/6/14	60	7/26/14	60	8/22/14				
		60	4/20/14																
		60	5/21/14																
		60	6/9/14																
		60	6/1/14																
		60	6/15/14																

260370001 Rose Lake Max Allowable 84 ppb		261050007 Scottville Max Allowable 74 ppb		261530001 Seney Max Allowable 76 ppb		260330901 Sault Ste marie Max Allowable 89 ppb		260910007 Tecumseh Max Allowable 76 ppb		260991003 Warren Max Allowable 78 ppb		261610008 Ypsilanti Max Allowable 77 ppb		CASTNET SITE Hoxbyville Max Allowable 90 ppb		CASTNET SITE Unionville Max Allowable 86 ppb		CASTNET SITE Ann Arbor Max Allowable 78 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
73	4/21/14	74	7/22/14	75	6/1/14	63	6/7/14	79	6/7/14	80	8/3/14	78	6/9/14	70	7/22/14	66	5/26/14	73	6/7/14
68	6/1/14	71	5/8/14	75	7/21/14			73	6/1/14	70	7/12/14	74	6/7/14	69	6/1/14	66	6/1/14	72	4/21/14
67	5/26/14	70	6/1/14	69	5/25/14			72	4/21/14	69	7/21/14	73	7/21/14	68	5/11/14	65	5/11/14	71	6/1/14
67	6/7/14	70	6/7/14	67	7/22/14			68	6/8/14	68	6/7/14								

Summary of the Highest 8-Hour Ozone Concentrations for 2013 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 76 ppb are included to illustrate frequency of occurrence. Max. Allowable is the maximum 4th highest value that can occur in 2013 without violation of the standard. Values above Max. Allowable are bold. Sites in violation of the standard are shaded red, sites not in violation of the standard are shaded green.



Max. allowable values calculated using 75 ppb as the primary NAAQS
Data subject to validation - updated through 9/30/13

5/14/13		4/22/13		8/21/13		260810022		260490021		260190003		260810020		260630007		4/4/13			
261630001 Allen Park Max Allowable 73 ppb		260270003 Cassopolis Max Allowable 62 ppb		260210014 Colma Max Allowable 63 ppb		261630019 East Seven Mile Max Allowable 61 ppb		260810022 Evans Max Allowable 73 ppb		260490021 Flint Max Allowable 69 ppb		260190003 Frankfort Max Allowable 73 ppb		260810020 Grand Rapids Max Allowable 71 ppb		260630007 Harbor Beach Max Allowable 74 ppb		260050003 Holland Max Allowable 47 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
78	4/27/13	74	5/14/13	71	9/10/13	79	6/21/13	71	9/10/13	72	6/21/13	76	5/20/13	73	9/10/13	81	6/21/13	86	9/10/13
68	6/20/13	72	6/20/13	76	6/17/13	75	8/21/13	69	5/9/13	70	5/19/13	72	8/19/13	69	8/25/13	67	5/7/13	80	8/26/13
64	6/23/13	72	9/10/13	74	8/26/13	75	6/23/13	67	5/1/13	65	6/20/13	71	8/21/13	65	5/9/13	65	5/6/13	79	7/19/13
64	8/21/13	69	6/11/13	73	5/14/13	68	8/19/13	67	8/19/13	64	4/27/13	70	7/18/13	65	8/19/13	64	4/27/13	78	8/25/13
62	4/27/13	68	9/11/13	71	7/19/13	67	7/19/13	69	8/25/13	64	5/1/13	69	6/20/13	65	8/27/13	64	6/20/13	78	8/27/13
61	7/21/13	67	9/7/13	69	6/11/13	66	6/24/13	66	5/14/13	64	6/23/13	68	8/20/13	65	8/30/13	63	5/2/13	73	6/17/13
61	8/18/13	64	4/22/13	69	6/20/13	66	8/20/13	64	6/21/13	63	7/5/13	68	9/10/13	64	5/1/13	63	8/21/13	73	8/21/13
		64	5/1/13	69	9/7/13	66	9/10/13	62	4/22/13	63	9/10/13	67	4/28/13	64	7/18/13	62	7/15/13	72	8/30/13
		64	6/9/13	67	8/19/13	65	4/27/13	62	4/27/13	62	5/18/13	64	4/30/13	63	6/23/13	61	5/20/13	70	5/8/13
		64	6/21/13	67	8/21/13	65	7/8/13	62	7/18/13	61	6/9/13	64	8/21/13	63	7/4/13	61	5/30/13	70	7/7/13
		63	4/27/13	67	8/27/13	64	9/11/13	62	8/27/13	61	6/22/13	63	5/1/13	63	7/7/13	61	8/18/13	70	7/18/13
		63	6/17/13	65	7/5/13	63	6/17/13	61	4/29/13	61	8/19/13	63	5/7/13	62	6/21/13	61	8/19/13	69	6/27/13
		63	8/26/13	65	8/30/13	62	6/22/13	61	5/18/13	60	5/9/13	63	5/19/13	62	7/9/13	61	9/10/13	69	8/19/13
		63	9/9/13	64	5/8/13	62	8/18/13	61	5/19/13	60	7/9/13	63	5/31/13	62	8/26/13			68	5/20/13
		62	5/9/13	64	6/25/13	61	6/5/13	61	6/9/13	60	7/19/13	63	8/18/13	61	4/27/13			68	6/21/13
		62	6/23/13	63	4/22/13	61	6/25/13	61	6/23/13	60	9/28/13	62	7/6/13	61	7/19/13			67	5/14/13
		62	8/19/13	63	4/27/13	61	8/22/13	61	7/5/13	61	4/22/13	60	5/4/13					67	6/23/13
		62	8/25/13	63	5/1/13	60	7/5/13	61	7/19/13	61	4/27/13	60	5/19/13					66	7/5/13
		61	5/17/13	63	6/24/13	60	8/25/13	61	8/30/13	61	5/8/13	60	6/24/13					65	5/19/13
		61	5/19/13	62	5/8/13	60	8/26/13	60	5/21/13	61	7/5/13	60	9/28/13					65	6/24/13
		61	6/9/13	62	6/8/13	60	8/21/13	60	9/28/13	61	8/21/13	60	8/21/13					65	8/18/13
		61	7/5/13	62	6/21/13	60	9/28/13	60	9/28/13	61	9/9/13	61	9/28/13					64	5/8/13
		60	4/30/13	62	6/23/13					61	9/28/13							64	6/20/13
		60	5/15/13	62	9/8/13													64	7/15/13
		60	5/16/13	61	4/30/13													63	5/1/13
		60	5/21/13	61	6/27/13													63	5/6/13
		60	8/18/13	61	8/18/13													63	5/21/13
				61	8/20/13													63	6/1/13
				61	8/21/13													63	6/22/13
				60	5/20/13													63	8/20/13
																		62	4/30/13
																		62	6/9/13
																		62	7/9/13
																		62	9/7/13
																		61	4/22/13
																		61	7/8/13
																		61	7/17/13
																		60	4/26/13
																		60	5/4/13
																		60	7/14/13
																		60	8/16/13

7/19/13		9/10/13		4/30/13		8/19/13		8/21/13		260920001		261470005							
261130001 Houghton Lake Max Allowable 82 ppb		261390005 Jenison Max Allowable 64 ppb		260770008 Kalamazoo Max Allowable 68 ppb		260650012 Lansing Max Allowable 77 ppb		261010022 Manistee (tribal) Max Allowable 73 ppb		261210039 Muskegon Max Allowable 57 ppb		260990009 New Haven Max Allowable 68 ppb		261250001 Oak Park Max Allowable 66 ppb		260490001 Oliville Max Allowable 71 ppb		261470005 Port Huron Max Allowable 72 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
71	6/21/13	75	9/10/13	72	6/17/13	71	6/21/13	77	5/20/13	77	8/21/13	79	6/21/13	76	6/21/13	70	6/21/13	75	6/21/13
69	5/1/13	73	8/25/13	69	5/14/13	68	6/22/13	70	7/18/13	75	8/25/13	77	7/9/13	72	6/20/13	69	5/19/13	72	8/21/13
67	5/21/13	69	8/26/13	69	8/21/13	68	5/14/13	69	8/20/13	73	7/18/13	76	7/18/13	69	8/21/13	68	5/1/13	71	6/24/13
66	9/10/13	69	8/27/13	69	9/10/13	66	5/18/13	68	9/10/13	72	8/20/13	73	8/19/13	67	6/23/13	68	6/20/13	71	8/19/13
64	8/19/13	69	8/30/13	67	9/7/13	66	7/5/13	67	4/30/13	72	8/27/13	71	8/21/13	64	8/19/2013	66	4/27/13	70	6/23/13
64	8/25/13	68	7/19/13	66	6/20/13	65	7/19/13	67	8/21/13	69	9/10/13	70	8/20/13	63	7/5/13	65	9/10/13	69	7/16/13
63	6/9/13	67	7/19/13	65	4/27/13	65	8/19/13	66	6/20/13	68	5/1/13	68	4/27/13	62	6/5/13	63	8/19/13	66	6/20/13
62	4/22/13	67	8/19/13	65	5/1/13	65	9/10/13	65	5/19/13	67	5/20/13	68	6/20/13	62	6/24/13	62	4/22/13	66	7/4/13
62	4/27/13	66	5/9/13	65	6/17/13	64	5/1/13	64	4/28/13	67	8/18/13	68	6/22/13	61	4/27/13	62	5/9/13	66	8/20/13
62	5/4/13	66	6/17/13	65	7/19/13	63	5/19/13	64	5/31/13	66	6/23/13	67	6/23/13	61	7/9/13	62	8/25/13	64	6/22/13
62	5/6/13	64	5/1/13	65	8/19/13	62	6/9/13	64	6/21/13	66	8/19/13	67	6/26/13	61	9/10/13	62	9/28/13	63	6/15/13
62	7/6/13	64	6/23/13	64	6/23/13	62	6/22/13	63	5/8/13	65	5/19/13	65	6/24/13	60	5/19/13	61	6/22/13	62	6/26/13
62	8/21/13	64	7/7/13	63	4/22/13	62	7/14/13	63	8/18/13	65	8/30/13	65	7/5/13	60	7/14/13	61	7/5/13	62	7/9/13
61	5/19/13	64	7/15/13	63	6/9/13	61	5/4/13	62	5/21/13	64	5/8/13	64	7/14/13	60	7/26/13	60	5/21/13	62	8/25/13
61	7/15/13	63	4/27/13	63	8/26/13	61	6/11/13	62	8/19/13	64	5/9/13	64	9/11/13	60	8/18/13	60	6/23/13	61	5/9/13
60	4/28/13	63	5/14/13	61	5/6/13	61	4/27/13	64	6/20/13	63	9/10/13	64	6/20/13	60	6/24/13	61	7/5/13	61	7/5/13
60	7/29/13	63	7/5/13	61	5/9/13	60	8/18/13	61	5/1/13	64	6/21/13	62	6/9/13	60	9/18/13	60	6/24/13	61	4/27/13
60	4/28/13	62	6/21/13	61	5/18/13	60	8/21/13	61	9/28/13	63	4/30/13	61	8/25/13						
60	7/7/13	62	6/24/13	61	5/19/13														

Summary of the Highest 8-Hour Ozone Concentrations for 2012 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 76 ppb are included to illustrate frequency of occurrence.
 Max. Allowable is the maximum 4th highest value that can occur in 2012 without violation of the standard. Values above Max. Allowable are **bold**.
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



Max. allowable values calculated using 75 ppb as the primary NAAQS

2012 Data Subject to Validation

6/28/12		5/24/12		5/21/12		8/3/12		5/20/12											
261630001 Allen Park Max Allowable 81 ppb		260270003 Cassopolis Max Allowable 77 ppb		260210014 Coloma Max Allowable 72 ppb		261630019 East Seven Mile Max Allowable 66 ppb		260810022 Evans Max Allowable 84 ppb		260490021 Flint Max Allowable 84 ppb		260190003 Frankfort Max Allowable 84 ppb		260810020 Grand Rapids Max Allowable 83 ppb		260630007 Harbor Beach Max Allowable 88 ppb		260050003 Holland Max Allowable 69 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
101	6/28/12	105	6/28/12	113	7/23/12	110	6/28/12	85	6/28/12	94	8/3/12	85	7/16/12	89	6/28/12	92	6/28/12	102	7/3/12
78	5/19/12	104	7/23/12	105	6/28/12	88	7/6/12	84	6/9/12	91	6/28/12	84	6/9/12	82	6/9/12	91	5/19/12	101	6/28/12
78	7/16/12	84	7/6/12	105	7/6/12	85	7/16/12	83	5/19/12	86	5/19/12	83	6/15/12	82	7/23/12	91	5/20/12	101	7/23/12
78	8/24/12	82	8/3/12	91	7/3/12	84	6/10/12	79	6/15/12	85	6/15/12	83	7/13/12	81	5/19/12	83	6/10/12	94	7/16/12
77	6/10/12	81	6/9/12	85	6/9/12	83	8/24/12	79	7/14/12	82	8/24/12	80	5/19/12	81	7/2/12	81	8/24/12	92	6/9/12
73	5/20/12	81	6/15/12	84	6/24/12	81	5/19/12	78	5/15/12	81	8/31/12	80	6/27/12	80	6/15/12	81	8/25/12	88	7/5/12
73	6/15/12	80	5/19/12	84	8/3/12	81	7/23/12	78	7/23/12	80	5/20/12	80	8/25/12	80	7/3/12	76	7/22/12	87	8/25/12
72	7/6/12	77	7/2/12	83	6/15/12	78	5/20/12	78	8/31/12	80	7/14/12	80	9/12/12	79	7/6/12	75	6/15/12	86	6/8/12
70	8/3/12	77	7/17/12	82	7/2/12	78	7/2/12	77	6/10/12	80	7/23/12	78	6/8/12	79	8/25/12	72	5/24/12	86	7/17/12
69	6/9/12	76	5/24/12	82	7/17/12	77	6/9/12	77	7/16/12	79	7/13/12	77	8/4/12	79	8/31/12	72	6/14/12	85	6/15/12
69	6/16/12	76	6/8/12	81	5/19/12	77	8/2/12	77	8/3/12	78	6/9/12	76	5/20/12	77	8/24/12	72	7/14/12	85	7/4/12
68	7/2/12	76	8/25/12	81	8/2/12	77	8/7/12	75	5/20/12	78	6/10/12	76	6/16/12	75	8/3/12	72	7/23/12	85	8/3/12
68	8/25/12	74	5/15/12	79	7/16/12	76	5/28/12	75	7/6/12	78	8/25/12	76	8/30/12	74	5/20/12	71	6/9/12	84	8/7/12
67	5/28/12	74	5/20/12	79	8/24/12	76	8/3/12	75	8/24/12	76	8/26/12	75	7/5/12	74	6/16/12	71	7/30/12	83	7/22/12
67	8/23/12	74	6/10/12	78	5/24/12	75	8/23/12	74	7/2/12	75	7/6/12	75	7/12/12	74	6/27/12	70	6/19/12	83	8/24/12
66	7/1/12	74	7/16/12	77	6/30/12	75	8/25/12	73	8/23/12	74	6/16/12	73	5/18/12	73	6/10/12	70	8/4/12	81	5/19/12
66	7/23/12	73	6/16/12	77	8/25/12	75	8/31/12	73	8/25/12	73	5/24/12	73	5/24/12	73	7/16/12	70	8/23/12	80	7/6/12
66	8/2/12	73	6/24/12	76	5/15/12	72	7/22/12	72	6/16/12	73	6/19/12	73	7/14/12	72	5/15/12	69	5/15/12	79	7/21/12
66	8/26/12	72	6/30/12	76	6/8/12	71	5/15/12	72	6/27/12	73	7/12/12	72	6/19/12	70	7/22/12	68	7/4/12	78	5/15/12
65	5/15/12	72	7/3/12	76	7/12/12	70	5/25/12	72	7/3/12	70	6/27/12	71	5/14/12	69	6/19/12	68	7/13/12	78	7/14/12
65	5/24/12	71	8/2/12	75	7/1/12	70	6/15/12	71	6/19/12	68	5/15/12	71	6/10/12	69	7/14/12	67	8/26/12	78	8/31/12
63	6/30/12	71	8/24/12	75	7/4/12	70	6/27/12	70	7/13/12	68	8/23/12	71	7/25/12	68	7/4/12	64	5/23/12	77	6/27/12
63	7/722	70	5/18/12	75	7/14/12	70	6/30/12	69	5/18/12	67	7/3/12	71	8/23/12	68	7/17/12	64	5/28/12	77	7/12/12
61	5/25/12	70	5/27/12	74	6/16/12	69	6/19/12	69	5/24/12	67	7/5/12	70	6/28/12	67	7/12/12	64	6/18/12	76	5/20/12
61	8/22/12	70	6/27/12	74	7/22/12	69	8/26/12	69	6/8/12	67	7/16/12	70	8/24/12	67	7/30/12	64	6/20/12	76	7/1/12
		70	7/12/12	73	5/20/12	68	5/21/12	68	7/12/12	67	7/30/12	69	5/11/12	67	8/4/12	63	8/31/12	76	7/13/12
		69	7/1/12	72	5/18/12	68	5/21/12	68	7/17/12	66	5/28/12	68	6/18/12	66	5/24/12	62	7/15/12	74	6/16/12
		69	7/13/12	72	6/10/12	68	5/24/12	68	7/22/12	66	6/30/12	68	7/23/12	66	8/23/12	62	7/15/12	74	6/19/12
		67	6/14/12	71	5/23/12	67	6/16/12	66	9/12/12	66	8/2/12	68	8/22/12	65	5/18/12	61	7/16/12	74	8/23/12
		66	6/2/12	71	7/13/12	67	7/30/12	65	7/25/12	65	5/23/12	67	7/3/12	65	6/8/12	60	6/8/12	73	7/2/12
		66	7/7/12	71	8/7/12	66	7/13/12	64	5/14/12	65	7/15/12	65	6/20/12	65	7/21/12	60		72	5/24/12
		65	5/29/12	70	6/27/12	66	7/15/12	64	5/28/12	65	7/15/12	65	6/29/12	64	6/30/12	60		72	6/10/12
		65	6/3/12	67	7/5/12	66	7/15/12	64	6/14/12	64	6/8/12	65	9/11/12	64	7/1/12	60		71	5/18/12
		65	7/4/12	66	6/14/12	66	7/21/12	63	5/23/12	64	6/24/12	64	5/15/12	64	7/13/12	60		70	6/30/12
		64	5/26/12	66	7/30/12	66	9/12/12	63	7/21/12	64	7/17/12	64	6/11/12	63	5/23/12	60		70	8/2/12
		63	7/14/12	66	8/31/12	64	6/20/12	63	8/4/12	64	7/22/12	64	7/22/12	63	7/25/12	60		70	8/4/12
		62	5/28/12	65	5/27/12	64	6/24/12	63	8/30/12	63	6/14/12	64	7/30/12	63	8/2/12	60		69	7/25/12
		62	6/29/12	65	7/21/12	64	7/17/12	62	8/7/12	63	6/20/12	63	5/28/12	62	5/28/12	60		68	6/24/12
		62	7/21/12	65	8/23/12	64	8/22/12	61	5/27/12	63	7/25/12	62	7/21/12	62	6/14/12	60		68	9/12/12
		62	7/30/12	64	6/3/12	63	6/8/12	61	6/24/12	63	8/4/12	60	7/15/12	61	5/27/12	60		67	7/18/12
		62	8/23/12	63	7/11/12	63	7/1/12	61	6/30/12	62	5/18/12	60	7/15/12	61	6/24/12	60		67	8/30/12
		61	6/17/12	63	8/6/12	63	8/15/12	60	7/4/12	62	7/2/12	60		61	9/12/12	60		66	7/7/12
		61	7/22/12	63	8/19/12	62	6/29/12	60	8/2/12	62	8/7/12	60		60	6/18/12	60		66	7/30/12
		60	6/23/12	62	6/19/12	61	5/23/12	60		61	6/18/12	60		60	8/7/12	60		65	6/3/12
		60	8/7/12	61	5/14/12	61	7/12/12	60		61	7/4/12	60		60		60		65	6/14/12
		61	5/28/12	60	5/14/12	60	5/14/12	60		61	7/21/12	60		60		60		65	7/11/12
		<																	

		6/28/12		260770008		260650012		261010922		5/24/12		6/9/12		6/10/12		260492001		261470005	
261130001		261390005		260770008		260650012		261010922		261210039		260990009		261250001		260492001		261470005	
Houghton Lake		Jenison		Kalamazoo		Lansing		Manistee (tribal)		Muskegon		New Haven		Oak Park		Otisville		Port Huron	
Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable	
95 ppb		76 ppb		85 ppb		92 ppb		87 ppb		72 ppb		73 ppb		74 ppb		88 ppb		76 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
81	5/19/12	90	6/28/12	101	7/23/12	85	8/31/12	86	8/25/12	102	7/16/12	107	6/28/12	102	6/28/12	90	6/28/12	106	6/28/12
79	7/13/12	85	7/3/12	93	6/28/12	83	6/28/12	84	6/9/12	94	6/15/12	90	6/10/12	88	6/10/12	87	8/3/12	82	8/7/12
76	5/20/12	84	6/9/12	84	8/3/12	81	6/9/12	83	7/13/12	93	7/3/12	81	5/19/12	85	8/24/12	85	5/19/12	80	5/28/12
76	6/15/12	84	7/23/12	83	6/9/12	81	8/3/12	82	6/15/12	91	7/5/12	81	7/16/12	81	7/2/12	83	8/31/12	80	6/10/12
74	6/10/12	83	8/3/12	83	7/2/12	80	5/19/12	82	6/27/12	91	7/6/12	80	8/7/12	81	7/5/2012	82	8/24/12	78	8/2/12
74	6/16/12	80	5/19/12	82	5/19/12	79	6/15/12	82	7/16/12	90	6/9/12	79	7/6/12	81	7/23/12	79	5/20/12	78	8/31/12
74	7/16/12	80	8/31/12	79	6/15/12	77	5/20/12	81	5/19/12	87	7/23/12	79	8/31/12	79	8/3/12	78	6/9/12	76	5/19/12
74	8/25/12	78	6/15/12	79	8/24/12	77	7/23/12	81	8/24/12	86	8/25/12	78	5/20/12	78	5/19/12	78	6/10/12	75	7/23/12
73	5/24/12	78	8/25/12	79	8/25/12	75	7/2/12	80	7/12/12	83	6/8/12	78	7/2/12	78	8/2/12	78	7/23/12	74	5/15/12
71	5/18/12	77	8/24/12	76	7/3/12	73	6/10/12	78	8/23/12	83	7/13/12	78	7/23/12	77	5/20/12	77	8/25/12	73	6/20/12
71	6/9/12	76	7/16/12	76	7/6/12	73	7/6/12	77	5/20/12	82	7/17/12	78	8/2/12	77	6/9/12	76	6/15/12	73	7/16/12
71	6/28/12	74	5/15/12	76	8/2/12	73	8/24/12	76	7/25/12	81	5/19/12	78	8/3/12	77	6/15/12	74	6/16/12	73	8/23/12
70	7/12/12	73	6/16/12	75	6/16/12	72	6/16/12	76	8/30/12	81	7/22/12	78	8/23/12	75	8/23/12	74	7/13/12	72	6/19/12
70	8/24/12	73	7/2/12	74	5/20/12	71	7/12/12	75	5/24/12	81	8/24/12	77	5/28/12	75	8/25/12	73	5/24/12	71	5/20/12
69	5/15/12	73	7/12/12	74	6/10/12	71	7/13/12	75	6/16/12	80	5/24/12	77	6/9/12	73	8/31/12	73	6/27/12	71	6/9/12
69	6/27/12	72	5/20/12	73	7/1/12	70	8/25/12	75	7/23/12	79	6/28/12	76	8/24/12	72	5/15/12	73	7/14/12	69	7/22/12
67	6/8/12	72	6/10/12	73	7/16/12	69	8/2/12	74	8/4/12	78	5/20/12	76	8/25/12	72	8/7/12	73	8/26/12	68	5/24/12
66	7/25/12	72	6/27/12	72	7/22/12	69	8/23/12	73	5/18/12	78	6/10/12	73	5/15/12	71	7/22/12	71	5/15/12	67	6/16/12
64	5/14/12	71	7/6/12	71	5/15/12	68	5/14/12	73	6/28/12	78	8/23/12	73	5/24/12	70	5/28/12	70	6/19/12	67	6/27/12
64	8/23/12	71	7/12/12	71	8/7/12	68	6/27/12	72	6/19/12	77	7/12/12	73	6/15/12	70	6/30/12	69	5/18/12	67	8/3/12
63	9/12/12	70	7/17/12	71	8/23/12	68	8/26/12	72	7/14/12	76	7/12/12	73	7/15/12	70	7/16/12	67	8/23/12	67	8/22/12
62	6/14/12	70	8/23/12	70	7/13/12	67	6/14/12	72	9/12/12	75	7/4/12	71	6/27/12	69	5/25/12	66	5/23/12	67	8/25/12
62	6/19/12	69	6/19/12	69	5/24/12	66	6/30/12	71	7/5/12	74	5/28/12	71	6/30/12	69	6/27/12	66	5/28/12	66	6/15/12
62	8/31/12	68	5/24/12	69	6/27/12	66	7/1/12	70	6/10/12	74	6/27/12	70	6/16/12	68	7/30/12	66	7/30/12	66	6/30/12
61	5/28/12	68	6/8/12	68	5/23/12	66	7/16/12	69	6/18/12	74	8/4/12	70	6/20/12	68	8/22/12	65	6/8/12	66	8/24/12
61	7/23/12	68	7/14/12	68	5/27/12	66	7/17/12	69	6/20/12	73	5/18/12	70	7/13/12	67	6/16/12	65	7/12/12	65	5/25/12
61	7/30/12	66	5/18/12	68	6/30/12	65	5/24/12	68	6/8/12	73	6/19/12	70	7/22/12	67	7/15/12	64	8/4/12	65	8/30/12
60	8/26/12	66	7/1/12	67	5/18/12	65	6/8/12	68	7/3/12	72	7/14/12	69	8/26/12	67	7/15/12	63	6/20/12	64	7/4/12
		66	7/21/12	67	6/24/12	65	7/14/12	67	5/11/12	72	8/30/12	68	5/25/12	67	8/26/12	63	7/16/12	64	7/13/12
		66	8/2/12	67	7/12/12	65	7/22/12	66	5/14/12	72	9/12/12	68	6/19/12	66	6/8/12	63	7/25/12	64	9/12/12
		65	5/23/12	67	7/17/12	65	7/30/12	66	7/4/12	71	6/16/12	67	6/8/12	66	6/19/12	63	8/2/12	63	6/8/12
		65	5/27/12	65	6/8/12	65	8/7/12	65	9/11/12	71	8/3/12	67	7/21/12	66	6/24/12	63	8/7/12	62	7/2/12
		65	7/4/12	65	7/18/12	64	6/19/12	64	5/28/12	71	8/7/12	67	9/12/12	66	7/1/12	62	6/30/12	62	7/5/12
		65	7/11/12	65	7/21/12	64	6/24/12	64	7/22/12	70	5/15/12	66	6/24/12	66	7/13/12	61	5/25/12	62	7/17/12
		65	7/18/12	65	7/30/12	63	7/21/12	62	5/15/12	70	7/25/12	66	7/17/12	65	5/14/12	61	6/18/12	62	8/26/12
		65	7/30/12	65	8/31/12	62	5/14/12	61	6/11/12	68	7/30/12	66	8/30/12	65	5/24/12	61	6/24/12	62	9/13/12
		65	8/4/12	65	9/12/12	62	5/23/12	61	7/30/12	68	8/31/12	65	8/22/12	65	6/20/12	61	7/21/12	62	9/16/12
		63	5/28/12	63	6/19/12	62	7/15/12	60	5/23/12	67	5/11/12	64	5/14/12	65	7/17/12	60	5/14/12	60	5/21/12
		63	6/30/12	63	8/4/12	62	7/15/12	60	5/27/12	67	6/20/12	64	5/18/12	65	9/12/12	60	6/14/12		
		63	7/25/12	62	6/14/12	62	8/4/12	60	6/14/12	67	7/2/12	63	7/4/12	64	7/6/12	60	7/22/12		
		63	8/7/12	62	7/14/12	61	7/25/12	60	7/21/12	65	6/14/12	63	7/5/12	64	7/12/12	60	9/12/12		
		63	9/12/12	61	7/4/12	60	5/18/12	60	8/26/12	65	6/18/12	63	7/15/12	62	5/23/12				
		62	5/14/12	61	7/7/12	60	5/25/12	60		65	6/30/12	62	5/21/12	62	6/29/12				
		62	6/24/12	61	9/6/12	60	7/3/12	60		63	5/2/12	62	5/23/12	61	5/27/12				
		62	7/13/12	60	5/14/12	60	7/7/12	60		62	5/14/12	61	7/3/12	61	7/25/12				
		61	6/14/12	60	5/28/12	60	9/12/12	60		62	9/11/12	61	7/12/12	61	8/30/12				
		60	6/3/12	60	5/29/12	60		60		61	6/3/12	60	6/21/12	60	7/4/12				
		60	7/5/12	60	6/3/12	60	6/18/12	60		61	6/11/12	60	7/1/12	60					

Summary of the Highest 8-Hour Ozone Concentrations for 2011 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 76 ppb are included to illustrate frequency of occurrence. Max. Allowable is the maximum 4th highest value that can occur in 2011 without violation of the standard. Values above Max. Allowable are bold. Sites in violation of the standard are shaded red, sites not in violation of the standard are shaded green.

Max. allowable values calculated using 75 ppb as the primary NAAQS
Data validated through 9/30/2011



26163001 Allen Park Max Allowable 95 ppb	26027000 Cassopolis Max Allowable 86 ppb	26021004 Coloma Max Allowable 85 ppb	26163019 East Seven Mile Max Allowable 85 ppb	26081022 Evans Max Allowable 89 ppb	26049021 Flint Max Allowable 71 ppb	26019003 Frankfort Max Allowable 86 ppb	26081020 Grand Rapids Max Allowable 82 ppb	26063007 Harbor Beach Max Allowable 82 ppb	26050003 Holland Max Allowable 73 ppb
Value: 80 Date: 6/7/11	Value: 87 Date: 8/2/11	Value: 86 Date: 8/7/11	Value: 88 Date: 8/7/11	Value: 81 Date: 6/8/11	Value: 84 Date: 7/1/11	Value: 83 Date: 6/7/11	Value: 86 Date: 7/20/11	Value: 86 Date: 6/7/11	Value: 88 Date: 6/11/11
74 8/1/11	79 7/19/11	86 6/8/11	84 7/19/11	87 6/7/11	77 6/8/11	80 6/7/11	81 6/8/11	81 6/8/11	82 6/7/11
71 6/8/11	77 7/16/11	80 9/2/11	80 9/2/11	79 6/8/11	73 7/17/11	70 7/10/11	75 7/17/11	69 6/8/11	82 6/11/11
71 7/10/11	76 7/18/11	79 7/16/11	79 7/17/11	73 6/8/11	71 7/31/11	69 6/8/11	70 6/8/11	61 7/20/11	82 7/17/11
69 6/5/11	73 7/31/11	77 7/17/11	78 7/10/11	67 7/10/11	69 6/4/11	69 8/17/11	68 7/10/11	61 8/13/11	77 7/10/11
69 7/17/11	72 7/8/11	77 7/21/11	77 9/3/11	63 7/24/11	69 7/17/11	67 6/3/11	67 9/1/11	60 6/4/11	77 7/6/11
67 6/18/11	72 9/3/11	75 7/11/11	76 9/2/11	63 6/3/11	68 5/21/11	64 9/1/11	65 9/2/11	75 7/1/11	71 8/24/11
66 7/5/11	71 6/7/11	75 6/4/11	75 6/30/11	62 6/5/11	68 5/12/11	63 5/22/11	64 6/19/11	71 8/24/11	67 6/27/11
66 8/13/11	70 6/18/11	72 7/18/11	73 6/6/11	62 6/18/11	66 6/21/11	62 5/12/11	62 6/18/11	70 8/17/11	67 7/28/11
64 7/24/11	70 6/30/11	67 6/4/11	73 6/4/11	61 5/12/11	66 9/2/11	62 7/17/11	61 7/18/11	69 7/18/11	67 6/8/11
63 6/30/11	69 6/17/11	66 6/6/11	72 7/20/11	61 5/13/11	65 9/1/11	61 9/2/11	61 7/24/11	67 6/6/11	67 6/27/11
63 7/8/11	67 7/2/11	66 7/8/11	71 6/5/11	61 7/21/11	65 9/3/11	60 5/30/11	60 6/5/11	67 6/27/11	67 7/28/11
62 7/21/11	67 6/8/11	65 6/8/11	70 6/18/11	60 5/22/11	64 5/13/11	60 7/11/11	60 7/11/11	65 6/18/11	67 7/28/11
62 7/21/11	66 7/5/11	65 6/5/11	70 7/22/11	60 6/1/11	64 7/20/11	63 5/11/11	62 6/21/11	65 6/18/11	67 7/28/11
61 6/17/11	66 7/10/11	65 6/17/11	70 7/24/11	60 6/19/11	63 5/11/11	62 6/21/11	61 7/18/11	64 6/5/11	64 7/15/11
61 7/4/11	66 7/11/11	65 7/23/11	65 7/23/11	61 7/21/11	61 7/21/11	61 7/10/11	61 7/10/11	64 6/5/11	64 7/15/11
61 7/20/11	64 6/5/11	65 8/24/11	71 8/19/11	61 7/21/11	61 7/21/11	61 7/21/11	61 7/21/11	64 7/21/11	64 7/21/11
61 9/3/11	64 6/4/11	64 6/27/11	69 7/23/11	61 7/21/11	61 7/21/11	60 6/19/11	60 6/19/11	64 7/31/11	64 8/21/11
	64 6/17/11	64 6/17/11	69 7/23/11	61 7/21/11	60 7/15/11			62 6/4/11	62 6/4/11
	63 6/6/11	63 6/3/11	66 7/5/11	60 6/5/11				62 6/3/11	62 6/3/11
	63 7/20/11	63 6/18/11	66 7/21/11	60 6/19/11				61 6/1/11	61 6/1/11
	61 6/26/11	63 7/5/11	65 7/30/11	60 7/15/11				62 6/4/11	62 6/4/11
	61 8/17/11	63 7/15/11	63 7/3/11					62 6/4/11	62 6/4/11
	60 8/2/11	62 9/3/11	63 6/17/11					62 6/3/11	62 6/3/11
		61 5/23/11	62 5/20/11					61 5/23/11	61 5/23/11
		61 8/2/11	62 5/12/11					61 6/1/11	61 6/1/11
		60 6/1/11	62 5/29/11					61 7/8/11	61 7/8/11
		60 7/28/11	62 7/8/11					61 7/24/11	61 7/24/11
			62 7/16/11					60 5/22/11	60 5/22/11
			62 8/12/11					60 6/30/11	60 6/30/11
			62 8/17/11						
			61 6/13/11						
			60 6/1/11						
			60 6/27/11						
			60 7/8/11						
			60 7/18/11						

261130001 Houghton Lake Max Allowable 97 ppb	261390005 Jenison Max Allowable 88 ppb	260770008 Kalamazoo Max Allowable 89 ppb	260650012 Lansing Max Allowable 93 ppb	261010622 Livestock (08/04) Max Allowable 91 ppb	261210039 Muskegon Max Allowable 77 ppb	260990009 New Haven Max Allowable 78 ppb	261250001 Oak Park Max Allowable 81 ppb	260492001 Ovidale Max Allowable 82 ppb	261410005 Port Huron Max Allowable 80 ppb
Value: 77 Date: 6/8/11	Value: 87 Date: 6/7/11	Value: 80 Date: 9/2/11	Value: 77 Date: 7/16/11	Value: 80 Date: 6/7/11	Value: 104 Date: 6/7/11	Value: 88 Date: 9/17/11	Value: 87 Date: 7/1/11	Value: 85 Date: 7/1/11	Value: 88 Date: 6/7/11
74 6/8/11	85 6/7/11	76 7/17/11	72 6/7/11	64 7/20/11	81 7/28/11	65 6/7/11	61 7/17/11	79 6/8/11	81 7/28/11
67 6/6/11	85 7/20/11	74 7/16/11	72 6/8/11	79 6/6/11	89 6/6/11	82 9/3/11	79 6/5/11	78 5/12/11	77 6/4/11
67 7/16/11	78 7/17/11	74 6/8/11	70 8/1/11	72 7/10/11	77 8/1/11	78 7/1/11	78 6/7/11	74 6/8/11	76 7/1/11
65 7/20/11	75 7/16/11	74 6/7/11	69 6/6/11	72 7/16/11	74 7/10/11	76 6/8/11	77 6/6/20/11	73 6/7/11	74 6/6/11
64 5/21/11	74 9/2/11	70 7/18/11	69 6/18/11	68 6/9/11	73 7/17/11	73 6/4/11	71 7/17/11	71 7/17/11	73 7/17/11
64 6/3/11	73 9/1/11	70 7/18/11	69 7/17/11	66 6/8/11	72 7/17/11	72 7/17/11	69 6/4/11	69 6/4/11	72 9/3/11
61 5/22/11	69 6/6/11	69 6/6/11	68 6/19/11	66 8/17/11	70 7/16/11	71 7/10/11	72 6/4/11	68 7/31/11	71 8/7/11
61 7/17/11	69 7/10/11	68 6/18/11	64 6/30/11	64 5/11/11	64 7/5/11	71 7/20/11	72 5/13/11	67 7/16/11	68 5/30/11
60 6/4/11	67 7/11/11	68 9/3/11	66 6/5/11	63 5/12/11	64 7/5/11	70 6/18/11	72 7/10/11	65 7/20/11	68 9/2/11
	65 6/18/11	67 7/20/11	66 7/1/11	61 7/8/11	63 7/31/11	70 7/23/11	71 6/6/11	64 5/21/11	67 7/5/11
	63 6/4/11	66 7/21/11	65 7/21/11	64 5/22/11	68 8/17/11	71 7/20/11	71 7/16/11	64 9/2/11	66 5/31/11
	63 6/19/11	66 7/31/11	65 6/3/11	60 5/30/11	62 5/12/11	69 7/31/11	71 9/1/11	63 9/1/11	66 7/23/11
	63 7/18/11	65 6/5/11	65 9/2/11	60 7/15/11	61 6/27/11	68 5/30/11	71 9/3/11	62 5/11/11	66 8/13/11
	63 8/24/11	65 6/4/11	65 9/3/11	60 7/23/11	67 6/6/11	70 6/18/11	61 5/13/11	65 5/13/11	65 7/31/11
	62 7/15/11	65 7/10/11	64 7/31/11		66 7/5/11	69 6/30/11	61 6/1/11	65 9/1/11	65 9/1/11
	61 6/27/11	65 7/21/11	63 6/4/11	60 7/15/11	66 8/13/11	69 8/19/11	61 6/19/11	64 6/19/11	64 6/19/11
	60 6/30/11	64 6/30/11	63 7/15/11	60 7/28/11	66 9/2/11	68 7/20/11	61 7/10/11	63 8/1/11	63 8/1/11
	60 7/21/11	64 7/5/11	60 6/13/11		64 7/21/11	66 7/24/11	61 7/21/11	61 7/21/11	61 6/1/11
	60 7/24/11	64 8/24/11	60 5/21/11		64 7/16/11	66 8/13/11	61 7/23/11	61 7/23/11	61 7/16/11
	60 7/28/11	62 6/19/11	60 6/1/11		63 5/12/11	65 7/21/11	60 6/3/11	60 6/3/11	60 8/19/11
		62 7/15/11	60 7/21/11		63 8/17/11	64 7/23/11	60 7/5/11		
		60 6/1/11			62 8/12/11	64 7/21/11			
		60 7/28/11			61 7/21/11	63 7/22/11			
					61 7/22/11	62 7/4/11			
					60 5/22/11	61 6/1/11			
					60 6/1/11	61 8/5/11			
					60 6/30/11	60 8/17/11			

260370001 Rose Lake Max Allowable 98 ppb	261050007 Scottville Max Allowable 88 ppb	261530001 Seney Max Allowable 86 ppb	260910007 Tecumseh Max Allowable 94 ppb	260991003 Warren Max Allowable 80 ppb	261610008 Ypsilanti Max Allowable 96 ppb
Value: 78 Date: 7/16/11	Value: 94 Date: 6/7/11	Value: 78 Date: 6/5/11	Value: 85 Date: 7/1/11	Value: 87 Date: 9/1/11	Value: 88 Date: 7/1/11
78 7/16/11	85 7/23/11	74 6/7/11	79 6/8/11	82 6/7/11	78 6/6/11
74 6/8/11	79 6/6/11	69 7/20/11	76 6/7/11	82 6/7/11	78 6/6/11
71 6/6/11	72 7/10/11	66 7/1/11	76 6/6/11	81 7/17/11	77 6/8/11
71 7/17/11	70 7/16/11	66 7/8/11	73 6/18/11	76 6/8/11	75 6/7/11
70 5/11/11	68 8/7/11	64 7/10/11	73 9/1/11	76 7/10/11	72 9/1/11
69 7/1/11	67 6/3/11	63 7/16/11	73 9/2/11	71 6/6/11	70 6/5/11
66 6/4/11	64 6/6/11	60 4/11/11	72 7/10/11	71 9/2/11	70 7/10/11
66 9/2/11	63 5/22/11		71 6/4/11	71 9/3/11	70 7/16/11
65 6/5/11	62 7/5/11		71 7/21/11	70 6/30/11	69 6/4/11
65 6/19/11	62 7/17/11		69 6/5/11	70 6/5/11	69 7/17/11
64 6/18/11	60 7/8/11		69 7/8/11	69 6/18/11	67 5/21/11
63 6/3/11	60 7/23/11		69 7/17/11	69 7/19/11	66 9/3/11
62 5/13/11			68 7/21/11	68 6/4/11	66 7/8/11
62 7/10/11			68 9/3/11	68 7/20/11	66 7/19/11
62 7/31/11			67 6/30/11	68 9/13/11	64 7/15/11
62 9/1/11			66 7/19/11	67 7/31/11	63 7/21/11
61 9/3/11			64 5/21/11	67 7/16/11	63 7/31/11
61 5/21/11			64 5/11/11	67 8/19/11	63 6/5/11
61 6/1/11			63 6/1/11	64 7/16/11	62 5/21/11
61 7/2/11			63 8/13/11	63 5/12/11	61 6/26/11
60 5/21/11			62 8/17/1		

Summary of the Highest 8-Hour Ozone Concentrations for 2010 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 76 ppb are included to illustrate frequency of occurrence. Max. Allowable is the maximum 4th highest value that can occur in 2010 without violation of the standard. Values above Max. Allowable are bold. Sites in violation of the standard are shaded; sites not in violation of the standard are shaded green.



Max. allowable values calculated using 75 ppb as the primary NAAQS
Data validated through 9/30/2010

261630001 Allen Park Max Allowable 97 ppb		260270003 Cassopolis Max Allowable 84 ppb		261630014 Coloma Max Allowable 84 ppb		261630019 East Seven Mile Max Allowable 78 ppb		260810022 Evans Max Allowable 87 ppb		260490021 Flint Max Allowable 93 ppb		260190003 Frankfort Max Allowable 92 ppb		260810020 Grand Rapids Max Allowable 95 ppb		260630007 Harbor Beach Max Allowable 95 ppb		260050003 Holland Max Allowable 78 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
71	7/14/10	73	8/19/10	79	5/26/10	82	5/26/10	76	9/21/10	74	8/20/10	74	7/31/10	73	9/21/10	78	8/29/10	77	9/21/10
71	8/29/10	71	4/15/10	74	4/15/10	82	7/15/10	74	4/15/10	74	5/24/10	74	5/30/10	72	5/26/10	73	5/26/10	76	7/6/10
69	8/10/10	71	4/10/10	74	9/21/10	78	7/3/10	70	7/3/10	72	4/15/10	73	6/25/10	72	4/15/10	69	6/18/10	75	4/15/10
69	5/27/10	69	4/14/10	72	4/10/10	78	7/6/10	67	5/26/10	70	8/28/10	72	4/14/10	69	7/3/10	69	4/15/10	73	7/3/10
68	7/3/10	68	5/26/10	72	8/11/10	78	8/29/10	66	4/1/10	67	8/29/10	71	4/15/10	65	4/10/10	69	8/28/10	72	6/26/10
67	5/26/10	69	9/21/10	70	4/14/10	76	7/5/10	66	5/30/10	66	8/13/10	69	8/21/10	65	5/30/10	67	7/7/10	70	5/26/10
65	8/30/10	67	8/20/10	70	5/29/10	76	8/12/10	64	7/2/10	65	6/26/10	68	4/1/10	64	7/6/10	65	5/30/10	70	8/19/10
64	7/4/10	66	8/11/10	70	5/30/10	72	7/7/10	63	4/10/10	65	9/21/10	68	7/6/10	64	8/2/10	65	7/4/10	69	4/10/10
63	4/15/10	65	7/3/10	68	6/26/10	72	8/2/10	63	4/14/10	64	5/30/10	68	8/29/10	63	8/8/10	64	4/30/10	69	5/30/10
62	5/28/10	64	5/30/10	68	7/3/10	71	8/31/10	63	8/2/10	63	5/25/10	67	8/28/10	62	7/27/10	63	9/21/10	69	8/9/10
61	8/2/10	64	6/2/10	67	6/25/10	70	5/27/10	63	8/3/10	63	5/27/10	66	4/2/10	62	8/20/10	62	5/31/10	68	4/14/10
61	6/18/10	62	6/26/10	66	8/20/10	70	5/18/10	62	7/6/10	62	7/6/10	65	4/20/10	61	4/14/10	62	6/26/10	68	7/4/10
		62	7/27/10	65	6/22/10	68	5/30/10	62	8/20/10	62	5/20/10	65	8/31/10	61	7/2/10	61	5/23/10	68	8/3/10
		61	5/24/10	65	7/7/10	67	8/3/10	61	4/2/10	61	4/10/10	63	5/26/10	61	8/3/10	60	5/24/10	68	8/29/10
		61	6/25/10	65	7/23/10	67	8/4/10	61	4/30/10	61	4/30/10	63	8/27/10	61	8/29/10	60	8/30/10	67	8/7/10
		61	7/14/10	64	7/2/10	67	8/1/10	61	5/24/10	61	5/23/10	62	6/18/10	60	7/4/10	67	8/8/10	67	8/8/10
		61	8/28/10	64	7/6/10	67	8/15/10	61	6/25/10	61	6/18/10	61	4/4/10	60	9/1/10	66	6/25/10	66	6/25/10
		60	6/1/10	64	8/19/10	67	8/30/10	60	8/29/10	60	4/2/10	60	8/9/10	60	8/7/10	66	7/16/10	66	7/16/10
		60	6/18/10	63	5/3/10	66	5/20/10	60	5/18/10	60	5/18/10	60	5/25/10	60	8/28/10	65	6/22/10	65	6/22/10
		60	7/2/10	63	6/2/10	65	7/14/10	60	6/11/10	60	6/11/10	60	6/1/10			65	7/7/10	65	7/7/10
		60	7/17/10	63	7/16/10	65	8/28/10	60	7/3/10	60	7/3/10					65	8/11/10	65	8/11/10
		62	4/1/10	64	6/11/10	64	6/11/10									64	8/2/10	64	8/2/10
		62	7/14/10	64	7/27/10	63	6/1/10									63	5/24/10	63	5/24/10
		62	8/2/10	63	8/19/10	63	8/19/10									63	5/29/10	63	5/29/10
		61	6/9/10	62	4/21/10	62	4/21/10									63	7/2/10	63	7/2/10
		61	7/5/10	62	7/20/10	62	7/20/10									63	7/5/10	63	7/5/10
		61	8/3/10	62	8/20/10	62	8/20/10									63	8/10/10	63	8/10/10
		61	8/9/10	62	9/21/10	62	9/21/10									62	8/29/10	62	8/29/10
		60	5/4/10	61	5/24/10	61	5/24/10									62	4/1/10	62	4/1/10
		60	7/17/10	61	5/28/10	61	5/28/10									62	5/4/10	62	5/4/10
		60	8/27/10	61	6/4/10	61	6/4/10									62	5/20/10	62	5/20/10
		60	8/28/10	61	8/13/10	61	8/13/10									62	6/18/10	62	6/18/10
				60	4/1/10	60	4/1/10									61	5/5/10	61	5/5/10
				60	5/23/10	60	5/23/10									61	8/27/10	61	8/27/10
				60	7/26/10	60	7/26/10									60	4/2/10	60	4/2/10
				60	8/14/10	60	8/14/10									60	7/14/10	60	7/14/10
				60	9/1/10	60	9/1/10									60	8/1/10	60	8/1/10

261130001 Houghton Lake Max Allowable 96 ppb		261390005 Jenison Max Allowable 90 ppb		260770008 Kalamazoo Max Allowable 86 ppb		260650012 Lansing Max Allowable 88 ppb		261010922 Manistee (tribal) Max Allowable 94 ppb		261210039 Muskegon Max Allowable 81 ppb		260990009 New Haven Max Allowable 81 ppb		261250001 Oak Park Max Allowable 80 ppb		260492001 Otsville Max Allowable 89 ppb		261470005 Port Huron Max Allowable 89 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
69	4/1/10	76	9/21/10	76	4/15/10	74	4/15/10	77	7/3/10	79	7/6/10	89	7/7/10	82	5/26/10	75	4/15/10	85	7/6/10
69	4/15/10	73	4/15/10	64	8/20/10	67	9/21/10	73	5/30/10	77	8/2/10	86	8/29/10	75	4/15/10	68	5/24/10	82	7/4/10
65	4/30/10	73	5/26/10	69	7/2/10	67	7/3/10	71	4/14/10	77	7/3/10	77	7/4/10	75	7/27/10	67	8/28/10	77	7/3/10
65	5/30/10	72	7/3/10	67	8/19/10	65	5/26/10	68	4/15/10	76	9/21/10	76	8/30/10	73	7/14/10	66	5/23/10	76	8/2/10
65	7/3/10	67	4/10/10	65	5/30/10	65	9/21/10	67	5/24/10	74	5/30/10	76	8/31/10	71	8/29/2010	66	5/30/10	76	8/31/10
63	4/14/10	67	7/6/10	64	4/14/10	64	5/30/10	66	6/25/10	74	8/29/10	75	5/26/10	69	7/3/10	66	8/29/10	74	4/15/10
63	5/24/10	65	5/30/10	64	6/22/10	63	4/1/10	65	7/6/10	73	7/4/10	74	7/6/10	68	5/27/10	66	9/21/10	74	6/26/10
62	4/2/10	64	9/2/10	64	9/23/10	63	4/10/10	65	8/29/10	62	7/16/10	73	7/3/10	66	5/30/10	65	5/26/10	74	8/29/10
62	5/26/10	64	8/8/10	63	5/26/10	61	6/18/10	64	4/30/10	69	4/14/10	73	7/8/10	66	7/4/10	65	7/4/10	73	8/3/10
62	8/29/10	64	8/10/10	63	8/20/10	61	6/21/10	63	8/28/10	69	4/15/10	72	4/15/10	66	8/30/10	65	8/20/10	72	8/30/10
62	5/1/10	63	4/14/10	62	7/2/10	60	7/4/10	62	4/1/10	69	5/26/10	68	5/30/10	65	6/18/10	64	4/1/10	70	5/26/10
60	6/18/10	63	5/29/10	62	7/14/10	60	8/29/10	62	6/18/10	69	6/25/10	68	6/11/10	65	7/6/10	64	6/11/10	69	9/1/10
60	8/28/10	63	6/25/10	61	6/21/10	61	8/30/10	61	5/25/10	68	8/7/10	68	9/21/10	64	7/2/10	63	4/30/10	66	7/8/10
		63	8/19/10	61	7/23/10	61	5/26/10	61	5/26/10	68	8/8/10	67	6/18/10	64	9/21/10	63	6/18/10	65	4/30/10
		62	7/2/10	61	8/10/10	61	7/2/10	61	7/2/10	66	6/18/10	67	7/15/10	63	8/31/10	63	7/3/10	65	7/15/10
		62	7/4/10	60	4/1/10	61	7/5/10	61	7/5/10	65	5/24/10	67	8/3/10	62	6/25/10	62	5/18/10	65	9/21/10
		62	8/3/10	60	8/12/10	61	8/31/10	61	8/31/10	65	5/29/10	67	8/28/10	62	8/2/10	62	5/25/10	63	6/11/10
		62	8/11/10	60	8/1/10	60	8/9/10	60	8/9/10	65	4/2/10	66	9/1/10	62	8/12/10	62	6/26/10	63	8/18/10
		62	8/20/10	62	8/29/10	60	8/20/10	60	8/27/10	64	4/1/10	65	6/26/10	62	8/20/10	61	5/31/10	62	6/18/10
		61	7/5/10	61	7/5/10	60	8/29/10	64	8/27/10	64	7/11/10	65	7/27/10	61	6/17/10	61	6/21/10	62	7/27/10
		61	8/7/10	61	8/7/10	60	8/29/10	63	8/28/10	63	8/27/10	65	8/18/10	61	6/26/10	60	4/2/10	62	8/17/10
		61	8/13/10	61	8/13/10	60	8/29/10	64	8/28/10	64	8/28/10	65	8/27/10	61	8/4/10	60	7/2/10	61	7/11/10
		60	4/1/10	60	4/1/10	60	4/1/10												

Summary of the Highest 8-Hour Ozone Concentrations for 2009 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 76 ppb are included to illustrate frequency of occurrence.

Max. Allowable is the maximum 4th highest value that can occur in 2009 without violation of the standard. Values above *Max. Allowable* are **bold**.

Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.

Max. allowable values calculated using 75 ppb as the primary NAAQS

Dates shown above a site are the date the violation occurred



		6/23/2009		5/20/2009												5/3/2009			
261630001 Allen Park Max Allowable 81 ppb		260270003 Cassopolis Max Allowable 73 ppb		260210014 Coloma Max Allowable 68 ppb		261630019 East Seven Mile Max Allowable 59 ppb		260810022 Evans Max Allowable 73 ppb		260490021 Flint Max Allowable 77 ppb		260190003 Frankfort Max Allowable 79 ppb		260810020 Grand Rapids Max Allowable 77 ppb		260630007 Harbor Beach Max Allowable 77 ppb		260050003 Holland Max Allowable 60 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
73	6/23/09	79	6/25/09	81	5/21/09	86	6/24/09	79	5/21/09	72	5/21/09	82	5/20/09	82	5/21/09	76	8/14/09	92	5/21/09
66	8/14/09	75	6/24/09	73	6/24/09	74	4/18/09	74	5/20/09	68	5/20/09	75	6/23/09	74	6/24/09	72	5/21/09	83	6/24/09
65	5/20/09	73	5/21/09	71	6/23/09	74	6/25/09	73	6/24/09	67	4/18/09	72	4/17/08	71	5/20/09	71	5/20/09	79	5/20/09
63	4/18/09	72	5/20/09	70	5/20/09	73	5/21/09	71	6/23/09	66	6/24/09	69	5/21/09	66	4/18/09	66	4/18/09	76	6/5/09

										6/5/2009		5/23/2009		6/24/2009					
261130001 Houghton Lake Max Allowable 85 ppb		261390005 Jenison Max Allowable 72 ppb		260770008 Kalamazoo Max Allowable 76 ppb		260650012 Lansing Max Allowable 77 ppb		261630016 Linwood Max Allowable n/a		261010922 Manistee (tribal) Max Allowable 79 ppb		261210039 Muskegon Max Allowable 69 ppb		260990009 New Haven Max Allowable 61 ppb		261250001 Oak Park Max Allowable 67 ppb		260492001 Otisville Max Allowable 74 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
69	5/21/09	82	5/21/09	78	6/25/09	72	5/21/09	Monitor discontinued due to lack of funding	81	5/20/09	88	5/21/09	95	6/24/09	77	8/14/09	73	5/21/09	
68	5/20/09	76	6/24/09	75	5/21/05	70	5/20/09		70	5/21/09	79	5/20/09	77	5/21/09	74	5/21/09	71	4/18/09	
65	4/18/09	70	5/20/09	74	6/24/09	69	4/18/09		69	4/17/08	75	6/24/09	74	8/15/09	74	4/18/09	70	8/14/09	
65	4/24/09	70	6/23/09	71	5/20/09	69	6/24/09		68	4/18/09	74	6/23/09	73	4/18/09	73	6/24/09	69	5/20/09	

										6/24/2009							
260890001 Pashawbestown Max Allowable 86 ppb		261470005 Port Huron Max Allowable 71 ppb		260370001 Rose Lake Max Allowable 78 ppb		261050007 Scottville Max Allowable 76 ppb		261530001 Seney Max Allowable 78 ppb		261630015 SW HS Max Allowable n/a		260910007 Tecumseh Max Allowable 74 ppb		260991003 Warren Max Allowable 64 ppb		261610008 Ypsilanti Max Allowable 81 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
No Valid Data		75	5/20/09	70	5/21/09	80	5/20/09	82	5/20/09	Monitor discontinued due to lack of funding	77	6/25/09	83	6/24/09	68	5/21/09	
		74	5/21/09	70	5/20/09	74	5/21/09	69	8/15/09		70	6/15/09	75	5/21/09	68	4/18/09	
		72	4/18/09	67	4/18/09	68	4/18/09	64	4/24/09		69	5/20/09	73	4/18/09	67	6/25/09	
		71	8/15/09	64	5/19/09	68	5/19/09	63	8/16/09		67	8/14/09	73	8/15/09	65	7/10/09	

Summary of the Highest 8-Hour Ozone Concentrations for 2007 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.
Max. Allowable is the maximum 4th highest value that can occur in 2007 without violation of the standard. Values above *Max. Allowable* are **bold**.
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 Allen Park Max Allowable 109 ppb		260270003 Cassopolis Max Allowable 95 ppb		260210014 Coloma Max Allowable 88 ppb		261630019 East Seven Mile Max Allowable 96 ppb		260810022 Evans Max Allowable 90 ppb		260490021 Flint Max Allowable 103 ppb		260190003 Frankfort Max Allowable 88 ppb		260810020 Grand Rapids Max Allowable 89 ppb		260630007 Harbor Beach Max Allowable 104 ppb		260050003 Holland Max Allowable 69 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
82	5/23/07	86	5/23/07	106	6/16/07	97	8/1/07	91	5/23/07	88	5/23/07	88	9/21/07	87	5/23/07	96	5/23/07	109	6/16/07
82	6/18/07	86	6/16/07	91	5/22/07	95	5/23/07	90	6/18/07	86	8/2/07	84	6/11/07	86	8/2/07	89	6/18/07	108	7/9/07
82	8/2/07	86	6/18/07	91	5/23/07	94	7/31/07	90	5/22/07	83	5/22/07	82	8/28/07	86	7/9/07	88	6/26/07	98	8/2/07
79	8/1/07	83	5/22/07	86	8/2/07	92	6/18/07	85	9/21/07	82	6/18/07	82	8/2/07	84	5/22/07	84	5/30/07	94	5/23/07
						92	8/2/07											87	8/7/07
						88	5/30/07											87	6/18/07
						88	9/5/07											85	5/22/07
						86	5/31/07												
						85	5/24/07												

261130001 Houghton Lake Max Allowable 107 ppb		261390005 Jenison Max Allowable 85 ppb		260770008 Kalamazoo Max Allowable 105 ppb		260650012 Lansing Max Allowable 101 ppb		261630016 Linwood Max Allowable 106 ppb		261010922 Manistee (tribal) Max Allowable new site		261210039 Muskegon Max Allowable 74 ppb		260990009 New Haven Max Allowable 88 ppb		261250001 Oak Park Max Allowable 104 ppb		260492001 Otisville Max Allowable 99 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
83	5/22/07	93	7/9/07	84	6/16/07	84	5/23/07			90	9/21/07	93	8/2/07	100	8/2/07	89	5/23/07	90	8/2/07
81	6/18/07	91	5/23/07	82	5/22/07	82	5/22/07			89	8/28/07	90	5/23/07	99	7/31/07	88	6/25/07	90	5/23/07
80	5/23/07	89	8/2/07	81	5/23/07	81	6/18/07			84	5/22/07	89	6/16/07	93	5/23/07	87	8/1/07	85	5/30/07
76	5/14/07	88	5/22/07	81	6/18/07	80	8/2/07			83	8/2/07	86	6/18/07	93	5/31/07	86	8/2/07	84	6/18/07
		88	6/16/07											92	6/18/07				
		85	6/18/07																

260890001 Pashawbestown Max Allowable 101 ppb		261470005 Port Huron Max Allowable 88 ppb		260370001 Rose Lake Max Allowable 105 ppb		261050007 Scottville Max Allowable 93 ppb		261530001 Seney Max Allowable 93 ppb		261630015 SW HS Max Allowable new site		260910007 Tecumseh Max Allowable 98 ppb		260991003 Warren Max Allowable 87 ppb		261610008 Ypsilanti Max Allowable 95 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
82	9/21/07	96	5/23/07	85	5/23/07	96	8/28/07	92	5/24/07			89	5/23/07	100	7/31/07	88	5/23/07
81	6/11/07	93	6/18/07	83	5/22/07	89	9/21/07	86	5/23/07			88	6/18/07	95	8/1/07	79	6/18/07
79	6/18/07	92	8/2/07	82	6/18/07	85	8/2/07	85	4/22/07			81	5/22/07	95	5/23/07	78	6/1/07
79	5/22/07	89	5/31/07	81	8/2/07	83	5/22/07	85	9/5/07			81	5/30/07	91	6/18/07	77	5/30/07
														89	8/2/07		
														88	5/30/07		
														87	9/5/07		

Summary of the Highest 8-Hour Ozone Concentrations for 2005 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.
Max. Allowable is the maximum 4th highest value that can occur in 2005 without violation of the standard. Values above *Max. Allowable* are **bold**.
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 Allen Park Max Allowable 104 ppb		260270003 Cassopolis Max Allowable 88 ppb		260210014 Coloma Max Allowable 92 ppb		261630019 East Seven Mile Max Allowable 90 ppb		260810022 Evans Max Allowable 89 ppb		260490021 Flint Max Allowable 92 ppb		260190003 Frankfort Max Allowable 90 ppb		260810020 Grand Rapids Max Allowable 101 ppb		260630007 Harbor Beach Max Allowable 100 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
92	6/27/05	91	6/27/05	96	6/24/05	88	7/21/05	94	6/24/05	85	8/26/05	96	6/23/05	91	6/24/05	86	8/8/05
78	7/10/05	88	7/10/05	93	6/27/05	83	7/4/05	85	6/28/05	81	5/9/05	94	6/24/05	88	6/28/05	84	6/27/05
78	8/26/05	87	7/11/05	92	9/12/05	80	7/11/05	84	6/9/05	80	4/18/05	88	7/10/05	86	6/27/05	77	5/9/05
77	6/24/05	86	6/30/05	90	6/30/05	80	8/8/05	83	8/7/05	79	5/8/05	86	6/27/05	83	8/2/05	77	6/10/05
		85	6/29/05	87	7/24/05							86	7/11/05				

260050003 Holland Max Allowable 80 ppb		261130001 Houghton Lake Max Allowable 101 ppb		261390005 Jenison Max Allowable 95 ppb		260770008 Kalamazoo Max Allowable 101 ppb		260650012 Lansing Max Allowable 101 ppb		261630016 Linwood Max Allowable 104 ppb		261210039 Muskegon Max Allowable 90 ppb		260990009 New Haven Max Allowable 71 ppb		261250001 Oak Park Max Allowable 89 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
113	6/24/05	86	6/24/05	98	6/24/05	91	6/29/05	95	7/11/05	85	7/10/05	113	6/24/05	100	6/24/05	83	8/8/05
107	6/28/05	77	5/8/05	98	6/28/05	88	7/11/05	85	6/27/05	83	6/27/05	92	7/11/05	90	7/11/05	82	7/11/05
95	9/12/05	76	4/19/05	91	6/27/05	86	4/18/05	85	7/12/05	81	6/24/05	91	6/27/05	90	7/20/05	79	6/24/05
94	6/27/05	74	4/18/05	86	7/10/05	86	6/27/05	82	6/29/05	79	7/11/05	90	6/30/05	88	6/27/05	78	6/27/05
94	6/30/05			85	8/2/05							89	6/23/05	86	7/4/05		
94	7/10/05											89	7/10/05	85	6/10/05		
94	8/9/05											89	8/9/05				
88	8/2/05											89	9/11/05				
88	8/7/05											88	9/12/05				
86	9/11/05											87	6/28/05				
85	7/31/05																

260492001 Otisville Max Allowable 86 ppb		260890001 Pashawbestown Max Allowable 105 ppb		261470005 Port Huron Max Allowable 94 ppb		260370001 Rose Lake Max Allowable 98 ppb		261050007 Scottville Max Allowable 96 ppb		261530001 Seney Max Allowable 104 ppb		260910007 Tecumseh Max Allowable 92 ppb		260991003 Warren Max Allowable 82 ppb		261610008 Ypsilanti Max Allowable 92 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
82	5/9/05	94	6/24/05	107	6/24/05	83	6/29/05	100	6/23/05	97	6/23/05	97	6/27/05	103	6/27/05	96	9/1/05
81	4/18/05	90	6/23/05	90	6/10/05	80	6/27/05	95	6/24/05	95	8/3/05	89	6/26/05	102	6/24/05	91	6/27/05
81	5/8/05	81	9/13/05	89	8/3/05	79	7/12/05	85	6/27/05	91	9/12/05	83	7/11/05	99	7/4/05	84	6/26/05
80	8/8/05	80	9/11/05	88	6/8/05	78	7/11/05	85	7/10/05	84	6/27/05	82	7/12/05	89	6/25/05	83	7/11/05
				88	7/4/05									88	7/11/05		
														87	7/10/05		
														86	6/21/05		

Summary of the Highest 8-Hour Ozone Concentrations for 2003 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.
Max. Allowable is the maximum 4th highest value that can occur in 2003 without violation of the standard. Values above *Max. Allowable* are **bold**.
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 Allen Park Max Allowable 86 ppb		260270003 Cassopolis Max Allowable 63 ppb		260210014 Coloma Max Allowable 68 ppb		261630019 East Seven Mile Max Allowable 79 ppb		260810022 Evans Max Allowable 81 ppb		260490021 Flint Max Allowable 75 ppb		260190003 Frankfort Max Allowable 77 ppb		260810020 Grand Rapids Max Allowable 84 ppb		260630007 Harbor Beach Max Allowable 79 ppb		
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	
92	6/25/03	Site operated by the State of Indiana (will update when data becomes available).		103	6/25/03	104	6/23/03	107	8/21/03	96	6/25/03	98	6/25/03	97	8/21/03	92	8/20/03	
90	6/24/03		94	6/23/03	103	6/24/03	103	6/25/03	91	6/24/03	98	6/24/03	98	6/24/03	94	6/25/03	91	6/25/03
88	7/2/03		90	6/24/03	103	6/25/03	94	6/23/03	94	6/23/03	89	6/23/03	93	7/2/03	87	6/23/03	88	8/21/03
85	6/23/03		89	7/4/03	98	7/2/03	93	6/24/03	87	7/3/03	89	6/23/03	85	6/23/03	85	6/24/03	87	6/24/03
			88	6/22/03	90	7/3/03	86	7/3/03	85	7/30/03	88	7/3/03					86	7/31/03
			86	6/18/03	85	7/31/03					88	6/22/03	85	4/14/03				

260050003 Holland Max Allowable 57 ppb		261130001 Houghton Lake Max Allowable 93 ppb		261390005 Jenison Max Allowable 75 ppb		260770008 Kalamazoo Max Allowable 79 ppb		260650012 Lansing Max Allowable 83 ppb		261630016 Linwood Max Allowable 75 ppb		261210039 Muskegon Max Allowable 63 ppb		260990009 New Haven Max Allowable 71 ppb		261250001 Oak Park Max Allowable 71 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
106	6/25/03	95	6/25/03	102	8/21/03	92	6/25/03	94	6/25/03	99	7/2/03	109	6/25/03	119	6/25/03	106	6/25/03
103	6/24/03	86	4/14/03	100	6/25/03	88	6/24/03	91	6/23/03	95	6/23/03	106	6/24/03	115	7/3/03	100	6/24/03
97	8/21/03	83	6/22/03	93	6/23/03	88	6/18/03	89	6/24/03	88	6/24/03	97	6/23/03	110	6/24/03	93	6/23/03
96	6/23/03	83	6/24/03	91	6/24/03	86	8/26/03	86	6/18/03	85	7/3/03	94	7/3/03	102	6/23/03	90	7/31/03
94	8/1/03			87	7/3/03							87	8/1/03	86	7/2/03	90	8/20/2003
93	7/3/03			86	8/26/03											88	7/2/03
90	8/26/03																

260492001 Otisville Max Allowable 74 ppb		260890001 Pashawbestown Max Allowable new site		261470005 Port Huron Max Allowable 70 ppb		260370001 Rose Lake Max Allowable 82 ppb		261050007 Scottville Max Allowable 72 ppb		261530001 Seney Max Allowable new site		260910007 Tecumseh Max Allowable 79 ppb		260991003 Warren Max Allowable 68 ppb		261610008 Ypsilanti Max Allowable 71 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
103	6/25/03	81	6/25/03	123	6/25/03	96	6/25/03	100	6/25/03	118	6/25/03	112	6/25/03	116	6/25/03	107	6/25/03
94	6/23/03	80	6/22/03	100	7/3/03	90	6/23/03	99	6/24/03	92	6/24/03	100	6/24/03	106	7/2/03	95	6/23/03
94	6/24/03	79	4/27/03	98	6/24/03	89	6/24/03	93	7/2/03	80	8/20/03	90	6/23/03	105	6/24/03	94	6/24/03
91	7/3/03	79	6/23/03	87	8/20/03	87	6/18/03	88	6/23/03	76	7/25/03	89	7/3/03	101	6/23/03	92	7/2/03
91	3/24/03			86	7/2/03							87	6/22/03	91	7/3/03	88	7/3/03
87	6/18/03													86	8/20/03		

Summary of the Highest 8-Hour Ozone Concentrations for 2001 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.
Max. Allowable is the maximum 4th highest value that can occur in 2001 without violation of the standard. Values above *Max. Allowable* are **bold**.
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 Allen Park Max Allowable 100 ppb		260270003 Cassopolis Max Allowable 80 ppb		260210014 Coloma Max Allowable 81 ppb		261630019 East Seven Mile Max Allowable 82 ppb		260810022 Evans Max Allowable 87 ppb		260490021 Flint Max Allowable 93 ppb		260190003 Frankfort Max Allowable 76 ppb		260810020 Grand Rapids Max Allowable 101 ppb		260630007 Harbor Beach Max Allowable 92 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
94	6/14/01	91	8/8/01	102	6/30/01	97	7/17/01	93	6/28/01	103	7/20/01	104	6/29/01	88	6/29/01	117	6/14/01
92	7/19/01	90	7/9/01	99	8/8/01	97	7/16/01	92	6/27/01	98	6/14/01	104	6/28/01	85	6/26/01	95	6/26/01
83	6/29/01	89	8/7/01	93	7/9/01	94	7/9/01	85	8/6/01	95	7/31/01	94	8/6/01	85	6/27/01	89	8/1/01
80	7/18/01	88	6/29/01	88	6/13/01	92	6/28/01	85	6/26/01	91	6/25/01	91	8/1/01	83	6/30/01	88	6/27/01
		88	6/28/01	88	6/28/01	90	7/19/01			89	6/13/01	90	8/8/01			86	6/13/01
		86	6/19/01	88	6/29/01	89	6/29/01			89	7/16/01	89	6/13/01				
		85	6/13/01	87	8/9/01	88	6/25/01			88	7/18/01	86	6/27/01				
				87	6/27/01	88	6/19/01			88	7/17/01						
						88	6/14/01			86	6/28/01						
										85	7/28/01						

260050003 Holland Max Allowable 83 ppb		261130001 Houghton Lake Max Allowable 90 ppb		261390005 Jenison Max Allowable 86 ppb		260770008 Kalamazoo Max Allowable 93 ppb		260650012 Lansing Max Allowable 88 ppb		261630016 Linwood Max Allowable 93 ppb		261210039 Muskegon Max Allowable 73 ppb		260990009 New Haven Max Allowable 83 ppb		261250001 Oak Park Max Allowable 91 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
102	6/30/01	93	6/28/01	94	6/29/01	93	6/30/01	99	7/20/01	92	7/19/01	101	8/6/01	105	6/27/01	94	6/25/01
94	6/13/01	87	6/27/01	88	6/27/01	88	7/20/01	92	6/28/01	90	6/14/01	99	6/13/01	98	7/16/01	93	7/19/01
93	8/8/01	84	7/31/01	87	6/30/01	88	7/9/01	84	7/18/01	88	6/25/01	96	6/30/01	95	6/28/01	91	6/28/01
92	6/29/01	84	6/29/01	86	8/9/01	85	6/26/01	83	6/30/01	87	6/19/01	95	8/1/01	95	6/29/01	90	6/29/01
88	6/28/01			86	6/28/01	85	6/29/01			87	6/28/01	93	8/8/01	91	7/17/01	88	7/17/01
88	8/1/01									85	7/16/01	92	6/28/01	89	6/14/01	88	7/16/01
88	8/9/01											89	6/27/01	89	7/20/01	87	6/27/01
87	6/27/01											88	6/29/01	87	6/26/01	85	7/18/01
86	8/6/01											87	7/18/01	86	6/13/01		
														86	7/18/01		
														85	6/15/01		

260492001 Otisville Max Allowable 85 ppb		261470005 Port Huron Max Allowable 83 ppb		260370001 Rose Lake Max Allowable 93 ppb		261050007 Scottville Max Allowable 72 ppb		260910007 Tecumseh Max Allowable 89 ppb		260991003 Warren Max Allowable 87 ppb		261610008 Ypsilanti Max Allowable 84 ppb *	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
93	7/31/01	105	6/29/01	96	6/14/01	100	8/1/01	96	7/19/01	103	6/28/01	107	7/19/01
91	6/14/01	103	6/27/01	95	7/20/01	99	8/6/01	94	7/20/01	101	7/17/01	95	6/14/01
91	7/20/01	85	8/9/01	91	7/18/01	98	6/29/01	90	6/14/01	99	7/16/01	95	7/20/01
91	7/18/01	84	8/6/01	87	6/28/01	93	8/8/01	86	6/13/01	94	6/29/01	92	6/25/01
90	6/25/01					91	6/13/01	85	6/19/01	92	6/14/01	90	6/26/01
88	6/26/01					91	6/28/01			92	6/25/01	90	6/13/01
86	6/13/01					90	6/27/01			90	7/19/01	87	7/18/01
85	8/1/01					87	8/5/01			90	6/27/01	86	6/29/01
										88	7/9/01	85	7/31/01
										88	6/13/01		

* 1999 data from Ann Arbor is used to calculate the maximum allowable value for Ypsilanti.

Summary of the Highest 8-Hour Ozone Concentrations for 2000 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.
Max. Allowable is the maximum 4th highest value that can occur in 2000 without violation of the standard. Values above *Max. Allowable* are **bold**.
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 Allen Park Max Allowable 90 ppb		260270003 Cassopolis Max Allowable 70 ppb		260210014 Coloma Max Allowable 67 ppb		261630019 East Seven Mile Max Allowable 71 ppb		260810022 Evans Max Allowable 75 ppb *		260490021 Flint Max Allowable 78 ppb		260190003 Frankfort Max Allowable 69 ppb		260810020 Grand Rapids Max Allowable 92 ppb		260630007 Harbor Beach Max Allowable 79 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
73	6/10/00	92	8/15/00	98	6/8/00	88	6/9/00	102	6/8/00	84	6/9/00	108	6/9/00	91	6/8/00	83	6/9/00
71	7/27/00	90	6/8/00	97	6/9/00	86	7/13/00	100	6/9/00	79	6/8/00	83	6/8/00	88	6/9/00	79	6/8/00
69	6/9/00	89	6/1/00	95	8/15/00	83	6/8/00	92	9/1/00	76	7/27/00	82	7/1/00	81	9/1/00	73	6/20/00
67	6/8/00	79	7/27/00	77	7/26/00	80	6/10/00	73	7/26/00	72	9/1/00	81	7/26/00	68	7/26/00	72	6/14/00

260050003 Holland Max Allowable 68 ppb		261130001 Houghton Lake Max Allowable 86 ppb		261390005 Jenison Max Allowable 80 ppb		260770008 Kalamazoo Max Allowable 78 ppb		260650012 Lansing Max Allowable 86 ppb		261630016 Linwood Max Allowable 86 ppb		261210039 Muskegon Max Allowable 61 ppb		260990009 New Haven Max Allowable 62 ppb		261250001 Oak Park Max Allowable 79 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
109	6/8/00	98	6/9/00	101	6/8/00	83	6/8/00	86	6/8/00	81	6/9/00	111	6/9/00	90	6/9/00	82	6/9/00
109	6/9/00	80	6/8/00	99	6/9/00	80	6/9/00	83	6/9/00	78	6/10/00	103	6/8/00	79	6/8/00	81	6/8/00
92	6/1/00	74	9/19/00	77	7/26/00	74	8/15/00	82	7/27/00	78	7/13/00	80	5/5/00	76	6/10/00	78	7/13/00
80	7/27/00	73	5/3/00	77	9/1/00	70	7/26/00	77	8/15/00	77	6/8/00	78	6/1/00	75	7/13/00	75	6/10/00

260492001 Otisville Max Allowable 72 ppb		261470005 Port Huron Max Allowable 74 ppb		260370001 Rose Lake Max Allowable 91 ppb		261050007 Scottville Max Allowable 68 ppb		260910007 Tecumseh Max Allowable 87 ppb		260550903 Traverse City Max Allowable 92 ppb		260991003 Warren Max Allowable 76 ppb		261610008 Ypsilanti Max Allowable 80 ppb **	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
92	6/9/00	99	6/9/00	84	6/9/00	116	6/9/00	87	6/1/00	site access lost 3/00	82	6/9/00	84	6/9/00	
87	6/8/00	90	6/10/00	80	6/8/00	102	6/8/00	86	6/9/00		82	7/13/00	81	6/8/00	
76	7/27/00	82	6/8/00	77	8/15/00	85	7/1/00	82	6/8/00		79	6/8/00	79	6/1/00	
74	6/10/00	80	7/2/00	74	7/27/00	81	6/10/00	82	8/15/00		77	7/27/00	78	6/10/00	

* 1998 data from Parnell is used to calculate the maximum allowable value for Evans.

** 1998 & 1999 data from Ann Arbor is used to calculate the maximum allowable value for Ypsilanti.

260630007 Harbor Beach Max Allowable 92 ppb		260050003 Holland Max Allowable 62 ppb		261130001 Houghton Lake Max Allowable new site		261390005 Jenison Max Allowable 90 ppb		260770008 Kalamazoo Max Allowable 86 ppb		260650012 Lansing Max Allowable 97 ppb		261630016 Linwood Max Allowable 89 ppb		261210039 Muskegon Max Allowable 78 ppb		260990009 New Haven Max Allowable 66 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
106	6/11/99	118	7/30/99	98	7/15/99	97	5/30/99	97	9/2/99	97	9/3/99	92	5/30/99	125	7/30/99	106	6/11/99
93	9/2/99	96	5/30/99	98	9/3/99	96	9/3/99	92	6/22/99	91	6/23/99	92	6/11/99	108	6/22/99	105	6/12/99
91	5/30/99	94	7/15/99	95	5/30/99	93	7/15/99	92	6/23/99	90	5/30/99	84	6/23/99	103	6/11/99	98	6/10/99
90	6/23/99	91	7/28/99	91	6/23/99	91	9/2/99	91	5/30/99	89	9/4/99	84	7/30/99	103	7/15/99	96	9/2/99
89	6/22/99	91	7/23/99	90	6/22/99	90	6/10/99	87	6/10/99	87	6/21/99			103	5/30/99	94	5/30/99
88	6/10/99	91	6/10/99	88	9/4/99	86	6/22/99	86	9/3/99	86	6/11/99			102	6/23/99	92	7/15/99
86	5/29/99	90	9/2/99	85	6/10/99	85	6/21/99	86	7/30/99					100	7/16/99	90	6/5/99
		88	9/4/99			85	7/28/99	86	7/13/99					98	6/21/99	90	7/16/99
		88	6/22/99					86	7/28/99					97	6/10/99	87	7/14/99
		86	9/3/99					85	6/21/99					95	7/23/99	86	9/3/99
		85	7/16/99					85	9/4/99					93	7/24/99	85	6/23/99
		85	7/24/99											92	9/2/99		
		85	9/1/99											92	7/5/99		
														91	9/3/99		
														91	7/14/99		
														89	7/28/99		
														88	7/29/99		
														87	6/6/99		
														86	9/5/99		
														86	9/4/99		

261250001 Oak Park Max Allowable 89 ppb		260492001 Otisville Max Allowable 86 ppb		261470005 Port Huron Max Allowable 84 ppb		260370001 Rose Lake Max Allowable 98 ppb		261050007 Scottville Max Allowable 81 ppb		260910007 Tecumseh Max Allowable 92 ppb		260991003 Warren Max Allowable 83 ppb		260550903 Traverse City Max Allowable new site	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
93	5/30/99	115	6/11/99	104	9/2/99	94	9/3/99	119	7/30/99	86	7/16/99	103	6/11/99	89	7/15/99
90	6/10/99	98	6/22/99	102	7/16/99	89	9/4/99	105	6/21/99	84	7/15/99	95	6/12/99	87	9/3/99
90	6/11/99	96	6/10/99	98	7/15/99	89	5/30/99	105	9/3/99	84	9/26/99	90	7/30/99	85	5/30/99
88	6/12/99	95	9/3/99	91	5/30/99	87	6/21/99	101	5/30/99	83	7/14/99	90	9/2/99	83	6/22/99
85	7/15/99	95	6/23/99	91	9/3/99	87	6/23/99	100	6/23/99			88	5/30/99		
85	7/30/99	93	9/2/99	90	6/12/99			100	6/22/99			87	9/3/99		
		93	6/5/99	87	7/14/99			99	6/11/99			85	5/29/99		
		89	9/4/99	87	9/4/99			95	9/2/99						
		88	7/15/99					95	6/10/99						
		86	5/30/99					90	7/16/99						
		86	6/21/99					89	9/4/99						
		85	6/12/99					88	5/4/99						
								85	9/26/99						

* Based on 1997 data from Ludington, which was closed in 1997.

*** Used 1997 & 1998 data from Parnell to calculate Max allowable value for Evans.

260630007 Harbor Beach Max Allowable 90 ppb		260050003 Holland Max Allowable 68 ppb		261130001 Houghton Lake Max Allowable new site		261390005 Jenison Max Allowable 83 ppb		260770008 Kalamazoo Max Allowable 83 ppb		260650012 Lansing Max Allowable 92 ppb		261630016 Linwood Max Allowable 95 ppb		261210039 Muskegon Max Allowable 71 ppb		260990009 New Haven Max Allowable 71 ppb			
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date		
98	5/15/98	114	6/25/98	95	5/15/98	99	6/25/98	101	7/14/98	95	9/13/98	91	8/8/98	100	8/14/98	111	7/15/98		
98	8/8/98	105	7/2/98	84	5/18/98	89	5/15/98	94	5/15/98	86	5/15/98	90	6/23/98	86	7/14/98	99	9/13/98	103	7/14/98
88	7/21/98	105	9/6/98	82	9/11/98	87	9/13/98	88	9/13/98	85	9/12/98	86	7/14/98	92	6/25/98	98	8/21/98		
87	7/15/98	97	8/14/98	79	6/25/98	85	7/14/98	87	9/12/98	81	9/11/98	86	9/13/98	92	8/23/98	98	9/19/98		
		96	5/19/98			85	9/12/98							91	5/18/98	97	8/8/98		
		96	7/14/98											91	6/24/98	95	6/24/98		
		92	5/28/98											88	5/15/98	93	9/13/98		
		91	9/13/98											88	7/13/98	91	5/19/98		
		90	6/24/98											87	7/14/98	90	5/15/98		
		89	5/18/98											86	6/20/98	88	6/20/98		
		89	7/12/98											85	9/11/98	85	5/14/98		
		89	7/15/98																
		89	9/11/98																
		89	9/12/98																
		88	8/23/98																
		87	6/20/98																
		87	5/27/98																

261250001 Oak Park Max Allowable 103 ppb		260492001 Otisville Max Allowable 89 ppb		260812001 Parnell Max Allowable 85 ppb		261470005 Port Huron Max Allowable 84 ppb		260370001 Rose Lake Max Allowable 107 ppb		261050007 Scottville Max Allowable 69 ppb *		260910007 Tecumseh Max Allowable 92 ppb		260550903 Traverse City Max Allowable new site		260991003 Warren Max Allowable 72 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
99	9/13/98	112	5/15/98	98	6/25/98	107	7/14/98	94	5/15/98	98	5/18/98	96	5/15/98	83	9/11/98	104	8/8/98
90	8/8/98	94	8/8/98	91	9/13/98	102	5/19/98	85	9/13/98	98	6/24/98	91	5/14/98	81	7/15/98	93	7/15/98
89	6/24/98	93	9/13/98	88	5/28/98	98	7/15/98	80	5/14/98	92	5/15/98	87	7/14/98	76	5/27/98	92	7/14/98
89	7/15/98	89	5/14/98	87	5/15/98	91	6/25/98	78	5/18/98	87	6/25/98	86	9/13/98	73	8/5/98	90	9/13/98
88	7/14/98			87	7/13/98	90	6/24/98			87	7/15/98					86	6/24/98
85	5/19/98					90	8/14/98			86	9/11/98					85	7/2/98
						88	8/8/98			85	7/13/98						
						87	5/15/98										
						86	5/18/98										
						85	7/13/98										

* Based on 1996 & 1997 data from Ludington, whose last year of operation was 1997.

** Values through 7/30/98.

Summary of the Highest 8-Hour Ozone Concentrations for 1997 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence. Values at and above 85 ppb are bold.



261470030 Algonac		261630001 Allen Park		261610007 Ann Arbor		260270003 Cassopolis		260210014 Coloma		261630019 East Seven Mile		260490021 Flint		260190003 Frankfort		260810020 Grand Rapids	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
101	7/13/97	100	6/21/97	87	6/28/97	102	7/17/97	103	6/29/97	99	7/25/97	87	7/13/97	98	6/29/97	89	7/12/97
97	7/12/97	84	7/12/97	80	6/29/97	94	6/29/97	100	7/12/97	98	7/12/97	84	8/9/97	90	7/13/97	87	6/29/97
93	7/25/97	80	7/13/97	75	7/12/97	90	5/24/97	99	7/16/97	95	7/13/97	83	6/29/97	89	7/12/97	81	6/28/97
88	6/10/97	75	7/25/97	75	7/13/97	90	8/1/97	99	8/1/97	88	6/28/97	81	7/12/97	78	6/23/97	79	6/24/97
88	6/24/97					89	6/28/97	95	5/24/97								
						88	7/12/97	93	6/28/97								
						88	7/26/97	93	7/17/97								
								89	6/13/97								
								87	6/23/97								
								86	8/8/97								
								85	6/10/97								
								85	7/13/97								

260630007 Harbor Beach		260050003 Holland		261390005 Jenison		260770008** Kalamazoo		260650012 Lansing		261630016 Linwood		261050006 Ludington		261210039 Muskegon		260990009 New Haven	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
93	6/29/97	104	8/1/97	92	6/29/97	91	6/29/97	89	6/29/97	94	6/23/97	103	6/12/97	100	7/13/97	110	7/12/97
91	6/28/97	101	6/29/97	91	6/11/97	86	5/24/97	80	6/11/97	88	6/22/97	101	6/29/97	99	6/29/97	109	7/13/97
80	7/12/97	100	7/16/97	90	7/12/97	86	6/28/97	79	6/28/97	84	6/6/97	95	6/23/97	85	7/12/97	99	7/25/97
79	7/13/97	95	6/23/97	86	7/16/97	85	8/1/97	76	7/13/97	79	7/12/97	91	7/12/97	85	7/16/97	91	6/10/97
		94	6/28/97	85	6/23/97							90	7/13/97	85	8/1/97	90	8/8/97
		92	7/12/97	85	6/28/97							85	6/11/97			86	6/29/97
		85	7/14/97													85	6/28/97
		85	7/17/97														

261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260370001 Rose Lake		260910007 Tecumseh		260991003 Warren	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
87	7/12/97	95	6/29/97	88	7/12/97	97	7/12/97	81	6/11/97	87	6/28/97	108	7/12/97
77	7/25/97	90	7/13/97	83	6/28/97	92	7/13/97	80	6/29/97	80	8/1/97	95	7/25/97
76	6/11/97	90	8/9/97	83	8/1/97	88	7/14/97	79	6/10/97	77	6/24/97	94	7/13/97
76	7/13/97	84	7/12/97	82	6/11/97	83	6/24/97	78	7/12/97	76	7/13/97	91	6/28/97

** Same as 260770905. Operation taken over by MDEQ AQD.

261050006 Ludington		261210039 Muskegon		260990009 New Haven		261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260370001 Rose Lake		260910007 Tecumseh	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
143	6/28/96	129	6/28/96	95	7/6/96	81	7/6/96	102	8/5/96	115	6/29/96	94	6/29/96	73	7/6/96	94	6/28/96
121	6/27/96	101	6/29/96	93	8/5/96	80	7/7/96	95	6/1/96	111	6/28/96	92	6/27/96	73	6/16/96	88	7/7/96
98	8/7/96	101	6/27/96	92	6/29/96	77	6/28/96	86	6/29/96	95	7/6/96	88	7/13/96	70	6/29/96	86	7/6/96
93	6/29/96	97	8/7/96	91	8/26/96	74	6/29/96	84	6/28/96	86	9/4/96	86	7/7/96	68	9/4/96	85	6/29/96
89	9/3/96	90	7/6/96	91	6/1/96							86	8/7/96			85	7/12/96
85	7/6/96	85	7/16/96	90	7/13/96												
				89	7/12/96												
				87	6/28/96												
				87	7/7/96												
				85	8/7/96												

260991003 Warren	
Value, ppb	Date
97	7/6/96
95	8/5/96
91	7/12/96
90	6/29/96
88	6/1/96
87	6/28/96
85	7/7/96

* Fairgrounds

**Kelloggs

260990009 New Haven		261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260370001 Rose Lake		260910007 Tecumseh		260991003 Warren	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
112	7/31/95	96	8/20/95	83	7/12/95	117	7/13/95	100	6/17/95	80	7/14/95	97	6/23/95	97	8/15/95
106	6/17/95	93	7/14/95	82	6/16/95	110	7/14/95	100	7/13/95	79	6/23/95	91	6/18/95	96	8/26/95
95	7/14/95	84	7/15/95	81	7/13/95	98	8/14/95	95	7/31/95	76	7/12/95	90	6/20/95	94	6/23/95
92	6/18/95	84	6/18/95	79	7/14/95	98	6/17/95	94	6/18/95	76	6/17/95	89	6/6/95	90	7/31/95
92	7/13/95					96	7/12/95	87	9/6/95			85	6/17/95	89	6/18/95
91	8/26/95					93	6/16/95							88	7/14/95
90	8/11/95					90	9/5/95							85	7/13/95
89	6/23/95					87	8/13/95							85	6/19/95
						85	8/26/95								
						85	6/6/95								

* Fairgrounds
**Kelloggs

Summary of the Highest 8-Hour Ozone Concentrations for 1994 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence. Values at and above 85 ppb are bold.



261470030 Algonac		261630001 Allen Park		261610005 Ann Arbor		260270003 Cassopolis		260210014 Coloma		261630019 East Seven Mile		260490021 Flint		260190003 Frankfort		260810020 Grand Rapids	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date++	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
107	6/18/94	102	6/18/94	88	5/22/94	106	5/22/94	90	6/18/94	108	8/18/94	86	6/18/94	94	9/12/94	119	6/17/94
104	6/16/94	91	6/17/94	86	6/18/94	95	6/5/94	90	5/30/94	98	5/22/94	82	6/5/94	86	5/21/94	100	6/18/94
102	5/22/94	84	5/22/94	80	7/4/94	91	6/18/94	87	5/22/94	96	6/18/94	80	7/4/94	85	9/15/94	86	7/20/94
95	7/7/94	74	6/5/94	79	6/5/94	90	9/14/94	86	5/21/94	94	6/17/94	77	6/16/94	84	5/30/94	84	8/18/94
90	6/17/94					90	6/17/94	86	6/5/94	86	6/16/94						
89	8/27/94					90	5/30/94	85	6/17/94	85	6/5/94						
						88	5/21/94										
						88	6/16/94										
						86	7/12/94										
						85	5/29/94										
						85	9/12/94										

260630007 Harbor Beach		260050003 Holland		261390005 Jenison		260770905 Kalamazoo*		260770906 Kalamazoo**		260650012 Lansing		261630016 Linwood		261050006 Ludington		261210039 Muskegon	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
100	6/15/94	99	6/18/94	101	6/17/94	92	5/22/94	93	5/22/94	90	5/22/94	108	6/18/94	98	6/17/94	105	7/6/94
96	6/16/94	94	6/5/94	98	6/18/94	79	5/21/94	89	6/5/94	83	6/5/94	93	5/22/94	95	7/5/94	91	6/15/94
90	7/19/94	93	6/17/94	90	6/5/94	79	6/17/94	83	5/30/94	81	6/4/94	92	8/18/94	85	6/5/94	91	7/16/94
82	6/18/94	92	7/1/94	86	7/1/94	77	9/12/94	82	7/12/94	80	6/17/94	92	6/17/94	85	7/16/94	90	6/5/94
		89	6/15/94	86	7/20/94									85	9/12/94	90	9/13/94
		89	9/13/94	85	5/22/94											90	7/20/94
		88	5/22/94													90	8/24/94
		87	5/30/94													89	5/22/94
		86	7/20/94													88	6/18/94
		86	8/1/94													87	5/30/94
		85	8/19/94													87	6/17/94

260990009 New Haven		261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260370001 Rose Lake		260910007 Tecumseh		260991003 Warren	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
122	5/22/94	100	6/18/94	92	5/22/94	88	6/17/94	107	6/16/94	92	5/22/94	96	5/22/94	103	6/18/94
115	6/16/94	89	5/22/94	79	6/5/94	86	5/22/94	98	6/18/94	82	6/5/94	88	6/5/94	99	6/16/94
102	6/18/94	89	6/17/94	75	6/16/94	85	6/5/94	86	5/22/94	79	6/18/94	87	6/18/94	97	8/18/94
97	5/21/94	87	8/18/94	73	5/21/94	84	6/18/94	86	5/30/94	78	6/4/94	84	9/16/94	87	5/22/94
94	6/5/94	86	8/3/94					86	7/7/94						
92	7/7/94							85	6/5/94						
85	8/27/94														

* Fairgrounds
**Kelloggs

Summary of the Highest 8-Hour Ozone Concentrations for 1993 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence. Values at and above 85 ppb are bold.



261470030 Algonac		261630001 Allen Park		261610005 Ann Arbor		260270003 Cassopolis		260210014 Coloma		261630019 East Seven Mile		260410912 Escanaba		260490021 Flint		260190003 Frankfort	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date++	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
92	6/24/93	87	6/24/93	96	6/24/93	92	6/17/93	80	8/26/93	104	8/14/93	95	6/24/93	99	6/24/93	90	5/9/93
87	6/17/93	79	6/17/93	87	5/10/93	84	5/9/93	80	5/9/93	95	6/17/93	80	6/13/93	86	6/17/93	86	8/30/93
86	8/14/93	74	8/25/93	84	6/17/93	84	6/24/93	79	6/17/93	91	6/24/93	61	6/14/93	86	8/12/93	83	5/10/93
84	7/2/93	69	8/14/93	75	8/13/93	80	5/11/93	79	8/11/93	83	8/15/93	58	7/24/93	69	8/13/93	83	8/26/93

260810020 Grand Rapids		260630006 Harbor Beach		260050003 Holland		260770905 Kalamazoo		260770906 Kalamazoo		260650012 Lansing		261630016 Linwood		261630025 Livonia		261050006 Ludington	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
107	8/26/93	87	6/24/93	105	8/26/93	90	6/17/93	91	6/17/93	87	6/17/93	88	6/24/93	92	8/13/93	105	8/30/93
87	5/9/93	80	8/26/93	93	6/17/93	87	5/9/93	90	5/9/93	84	8/13/93	72	8/25/93	75	6/24/93	98	6/17/93
83	6/24/93	78	7/4/93	85	5/9/93	81	5/10/93	89	5/10/93	84	6/24/93	68	6/13/93	70	8/8/93	96	5/9/93
82	6/17/93	75	7/5/93	81	8/24/93	80	6/13/93	80	6/24/93	80	5/9/93	67	8/13/93	69	5/11/93	91	8/27/93
																90	8/26/93
																89	6/24/93
																89	8/23/93
																87	6/13/93
																86	7/17/93
																85	5/10/93

261150037 Maybee		261210039 Muskegon		260990009 New Haven		261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260430901 Quinessec #1		260430902 Quinessec #2	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
106	6/24/93	109	8/26/93	98	6/17/93	93	6/17/93	111	6/24/93	93	8/26/93	96	8/14/93	80	5/9/93	87	5/9/93
90	6/17/93	95	6/17/93	96	6/24/93	84	6/24/93	88	6/17/93	83	6/17/93	92	6/17/93	75	6/24/93	85	5/8/93
70	6/13/93	89	5/9/93	93	7/2/93	76	8/13/93	85	8/12/93	81	5/9/93	91	7/2/93	75	5/8/93	83	6/24/93
68	7/5/93	83	8/23/93	85	7/23/93	75	8/25/93	71	8/9/93	78	5/10/93	87	6/24/93	74	6/13/93	80	6/13/93

260370001 Rose Lake		260910007 Tecumseh		260991003 Warren	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
91	5/9/93	79	8/12/93	102	6/24/93
88	6/17/93	76	8/23/93	96	6/17/93
88	6/24/93	75	8/13/93	95	8/14/93
78	5/10/93	74	7/25/93	83	8/11/93

Summary of the Highest 8-Hour Ozone Concentrations for 1992 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence. Values at and above 85 ppb are bold.



261470030 Algonac		261630001 Allen Park		261610005 Ann Arbor		260270003 Cassopolis		260210014 Coloma		261618001 Dexter		261630019 East Seven Mile		260410912 Escanaba		260490021 Flint	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date++	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
95	6/13/92	82	6/13/92	90	5/21/92	100	7/1/92	72	8/9/92	106	5/21/92	87	8/22/92	112	6/4/92	86	8/22/92
86	5/12/92	73	8/22/92	85	8/22/92	99	6/13/92	72	8/22/92	94	7/1/92	84	5/21/92	85	8/23/92	73	6/17/92
85	5/21/92	71	5/21/92	81	6/30/92	95	6/14/92	71	8/7/92	93	8/22/92	84	5/12/92	83	8/24/92	72	8/7/92
81	6/12/92	70	8/7/92	76	6/13/92	93	6/30/92	64	8/8/92	92	6/30/92	77	6/29/92	77	9/13/92	69	7/1/92
						92	6/29/92			90	5/11/92						
						88	5/11/92			87	6/29/92						
						88	6/16/92										

260190003 Frankfort		260810020 Grand Rapids		260050003 Holland		261390005 Jenison		260770905 Kalamazoo		260770901 Kalamazoo		260650012 Lansing		261590901 Lawton		261630016 Linwood	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
85	8/22/92	90	6/13/92	67	9/16/92	97	7/1/92	110	7/1/92	104	7/1/92	101	7/1/92	92	5/11/92	87	5/21/92
75	8/21/92	82	7/1/92	63	9/7/92	93	6/13/92	104	6/13/92	93	6/13/92	79	5/21/92	84	5/20/92	84	6/13/92
74	8/23/92	78	5/20/92	59	9/14/92	89	6/29/92	92	6/29/92	87	6/3/92	78	5/11/92	82	5/16/92	80	8/22/92
72	8/25/92	78	5/22/92	58	9/15/92	80	5/22/92	90	6/3/92	87	6/29/92	77	6/13/92	81	5/21/92	78	5/16/92
								88	6/12/92	85	5/11/92						
								87	6/30/92								
								85	6/14/92								

261632002 Livonia		261018001 Manistee Ntl Fst		261210039 Muskegon		260990009 New Haven		261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260430901 Quinnesec #1	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
83	6/30/92	86	5/22/92	112	6/13/92	87	6/29/92	90	6/13/92	75	5/21/92	92	6/13/92	98	6/13/92	86	6/4/92
77	6/29/92	85	6/3/92	99	5/22/92	85	6/13/92	82	8/22/92	72	5/11/92	87	7/1/92	94	5/12/92	81	5/20/92
71	5/21/92	84	5/11/92	95	7/1/92	82	8/22/92	82	7/25/92	71	8/22/92	86	6/12/92	87	5/22/92	80	5/21/92
68	5/12/92	83	6/4/92	86	5/11/92	82	7/25/92	81	5/21/92	71	8/6/92	82	5/11/92	75	8/21/92	73	5/16/92

260430902 Quinnesec #2		260370001 Rose Lake		261611001 Saline		261578001 Unionville		260991003 Warren	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
86	6/4/92	105	7/1/92	84	6/13/92	93	5/11/92	89	5/21/92
82	5/20/92	86	5/11/92	84	5/21/92	88	5/21/92	84	6/13/92
82	5/21/92	86	5/21/92	83	6/30/92	85	6/17/92	83	8/22/92
75	5/16/92	83	6/3/92	78	5/11/92	81	5/20/92	81	5/12/92