

Summary of the Highest 8-Hour Ozone Concentrations for 2024 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 8-hour value that can occur in 2024 without violation of the standard. Values above Max. Allowable are bold. Sites violate the standard when the 4th high exceeds the Max Allowable thus violating the NAAQS. Sites in violation of the standard are colored red. Dates shown above a site are the date the violation occurred.

**Max. allowable values calculated using 70 ppb as the primary NAAQS**  
 2024 subject to validation. Updated through 1/11/2024.  
 All readings greater than 60 ppb are listed in this table (55 ppb for Holland and Muskegon).

Berrien Co. NA										Allegan Co NA									
26130001 Allen Park Max Allowable 69 ppb		260270003 Cassopolis Max Allowable 69 ppb		260210014 Coloma Max Allowable 60 ppb		261630019 East Seven Mile* Max Allowable 66 ppb		260810022 Evans Max Allowable 76 ppb		260480021 Flint Max Allowable 73 ppb		260130003 Frankfort Max Allowable 73 ppb		260810020 Grand Rapids Max Allowable 70 ppb		260630007 Harbor Beach Max Allowable 75 ppb		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
76	7/28/24	73	9/19/24	71	8/27/24	72	6/19/24	68	6/13/24	74	8/26/24	74	6/13/24	76	8/25/24	76	6/17/24	76	6/17/24
72	7/8/24	68	6/21/24	69	9/5/24	71	8/26/24	67	5/31/24	65	5/24/24	71	9/19/24	70	6/12/24	69	8/24/24	75	6/19/24
70	7/23/24	67	6/16/24	66	7/15/24	69	7/3/24	67	6/13/24	65	6/1/24	67	7/8/24	70	7/13/24	69	5/26/24	74	6/13/24
67	5/21/24	66	5/31/24	65	6/13/24	68	5/21/24	65	6/16/24	63	5/19/24	65	5/18/24	70	9/5/24	67	6/1/24	74	6/13/24
67	6/1/24	66	6/20/24	65	6/16/24	68	7/28/24	63	5/18/24	62	5/31/24	64	5/31/24	70	9/19/24	67	9/5/24	70	7/15/24
67	6/19/24	66	9/11/24	65	9/18/24	68	8/1/24	63	8/24/24	60	5/26/24	62	6/17/24	69	9/12/24	66	6/4/24	68	6/16/24
66	6/12/24	66	9/16/24	65	9/19/24	68	8/24/24	62	6/17/24	60	6/30/24	62	9/18/24	68	6/16/24	66	7/23/24	68	9/16/24
65	8/24/24	63	9/12/24	64	5/31/24	68	8/30/24	62	7/13/24	60	6/4/24	61	4/22/24	68	7/15/24	65	6/12/24	67	8/25/24
64	8/1/24	62	5/1/24	64	6/20/24	66	6/1/24	61	5/24/24	60	6/12/24	61	5/24/24	68	8/24/24	63	7/28/24	67	9/5/24
64	9/5/24	62	5/21/24	64	7/16/24	66	6/1/24	60	6/12/24	60	6/16/24	61	10/22/24	68	9/18/24	61	6/13/24	66	5/13/24
63	5/19/24	62	6/12/24	63	6/13/24	65	5/31/24	65	7/31/24	60	6/12/24	61	5/24/24	60	5/22/24	60	5/22/24	66	7/8/24
63	7/21/24	61	5/18/24	63	7/13/24	65	9/5/24	65	9/5/24	67	6/19/24	60	6/19/24	60	7/9/24	65	6/20/24	65	6/20/24
63	8/30/24	61	6/29/24	63	10/11/24	65	9/11/24	65	9/11/24	66	7/31/24	66	7/31/24	64	7/31/24	65	7/14/24	65	7/14/24
63	9/1/24	60	5/20/24	62	7/23/24	64	5/19/24	64	5/19/24	66	6/13/24	66	6/13/24	64	7/5/24	64	7/5/24	64	7/5/24
62	5/20/24	60	7/13/24	61	5/21/24	64	5/24/24	64	5/24/24	66	9/11/24	66	9/11/24	64	7/13/24	64	7/13/24	64	7/13/24
62	5/24/24	60	8/1/24	61	9/12/24	64	6/13/24	64	6/13/24	65	5/18/24	65	5/18/24	64	7/23/24	64	7/23/24	64	7/23/24
62	5/31/24	60	7/2/24	60	7/2/24	64	6/21/24	64	6/21/24	65	6/17/24	64	6/17/24	64	7/31/24	64	7/31/24	64	7/31/24
62	7/13/24	60	7/13/24	60	7/13/24	63	6/11/24	63	6/11/24	64	5/13/24	64	5/13/24	63	5/13/24	63	5/13/24	63	5/13/24
62	8/4/24	60	8/4/24	60	8/4/24	63	7/15/24	63	7/15/24	64	7/14/24	64	7/14/24	63	5/13/24	63	5/13/24	63	5/13/24
61	6/13/24	60	6/13/24	60	6/13/24	63	9/12/24	63	9/12/24	64	9/17/24	64	9/17/24	63	9/17/24	63	9/17/24	63	9/17/24
61	6/16/24	60	6/16/24	60	6/16/24	62	5/1/24	62	5/1/24	63	6/21/24	63	6/21/24	62	5/21/24	62	5/21/24	62	5/21/24
61	6/17/24	60	6/17/24	60	6/17/24	62	8/23/24	62	8/23/24	63	7/22/24	63	7/22/24	62	10/11/24	62	10/11/24	62	10/11/24
60	6/3/24	60	6/3/24	60	6/3/24	61	7/23/24	61	7/23/24	62	6/24/24	62	6/24/24	61	8/26/24	61	8/26/24	61	8/26/24
60	9/11/24	60	9/11/24	60	9/11/24	60	5/13/24	60	5/13/24	62	7/23/24	62	7/23/24	61	9/13/24	61	9/13/24	61	9/13/24
										62	8/14/24	62	8/14/24	60	8/24/24	60	8/24/24	60	8/24/24
										62	9/14/24	62	9/14/24	60	8/24/24	60	8/24/24	60	8/24/24
										62	8/24/24	62	8/24/24	60	8/24/24	60	8/24/24	60	8/24/24
										61	5/21/24	61	5/21/24	60	9/19/24	60	9/19/24	60	9/19/24
										61	8/25/24	61	8/25/24	59	7/2/24	59	7/2/24	59	7/2/24
										61	10/11/24	61	10/11/24	59	8/16/24	59	8/16/24	59	8/16/24
										60	8/27/24	60	8/27/24	58	4/29/24	58	4/29/24	58	4/29/24
														58	6/25/24	58	6/25/24	58	6/25/24
														58	8/13/24	58	8/13/24	58	8/13/24
														58	9/11/24	58	9/11/24	58	9/11/24
														58	10/21/24	58	10/21/24	58	10/21/24
														58	10/22/24	58	10/22/24	58	10/22/24
														57	5/4/24	57	5/4/24	57	5/4/24
														57	5/20/24	57	5/20/24	57	5/20/24
														57	6/3/24	57	6/3/24	57	6/3/24
														57	6/4/24	57	6/4/24	57	6/4/24
														57	8/23/24	57	8/23/24	57	8/23/24
														56	5/21/24	56	5/21/24	56	5/21/24
														56	6/22/24	56	6/22/24	56	6/22/24
														55	6/15/24	55	6/15/24	55	6/15/24
														55	9/14/24	55	9/14/24	55	9/14/24
														55	9/16/24	55	9/16/24	55	9/16/24
														55	10/6/24	55	10/6/24	55	10/6/24

Muskegon Co. NA																			
261130001 Houghton Lake Max Allowable 76 ppb		261390005 Jenison Max Allowable 69 ppb		260770008 Kalamazoo Max Allowable 73 ppb		260650012 Lansing Max Allowable 81 ppb		261010022 Manistee (tribal) Max Allowable 72 ppb		261210039 Muskegon Max Allowable 65 ppb		260990009 New Haven Max Allowable 74 ppb		261250001 Oak Park Max Allowable 72 ppb		260492001 Otsville Max Allowable 74 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
65	9/13/24	72	6/13/24	64	6/16/24	62	6/16/24	72	9/19/24	77	6/17/24	75	6/17/24	71	7/28/24	63	5/19/24	72	6/19/24
61	5/19/24	69	6/12/24	63	5/24/24	61	5/18/24	69	9/18/24	74	6/19/24	74	8/1/24	69	5/31/24	62	5/31/24	71	8/26/24
63	8/1/24	68	6/20/24	63	6/20/24	61	5/31/24	68	6/17/24	73	6/12/24	71	8/26/24	69	7/13/24	61	5/18/24	70	6/12/24
59	4/22/24	68	9/5/24	62	5/31/24	61	6/12/24	68	8/25/24	71	7/8/24	70	6/19/24	69	8/1/24	61	6/12/24	68	6/13/24
58	5/24/24	66	9/18/24	62	9/18/24	60	9/12/24	69	9/12/24	69	8/25/24	70	7/31/24	68	7/8/24	60	5/22/24	67	7/8/24
		67	7/15/24	61	5/18/24			67	5/24/24	67	6/13/24	65	8/24/24	67	5/24/24	60	6/13/24	66	5/31/24
		66	6/17/24	61	6/12/24			65	5/18/24	67	9/5/24	64	5/21/24	66	5/21/24	60	6/16/24	66	7/28/24
		66	6/19/24	61	7/31/24			65	5/31/24	63	6/16/24	63	6/12/24	66	8/24/24	60	8/24/24	65	6/1/24
		66	7/13/24	60	9/17/24			63	7/8/24	63	7/8/24	62	5/31/24	65	8/26/24	60	8/24/24	65	6/24/24
		66	9/19/24	60	9/17/24			63	9/17/24	63	8/25/24	62	6/1/24	65	9/12/24	64	5/19/24	64	5/19/24
		65	6/16/24					62	4/22/24	63	9/19/24	62	6/18/24	64	6/1/24	64	6/22/24	64	6/22/24
		63	5/18/24					61	6/19/										



Summary of the Highest 8-Hour Ozone Concentrations for 2023 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 2023 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 MAAQS. 2023 subject to validation. Updated through 10/31/2023. All readings greater than 60 ppb are listed in this table.

Table with columns for Southeast NA, Berrien Co. NA, Southeast NA, and Allegan Co. NA. Each column contains site names (e.g., 201830001, 202270003) and a grid of values and dates for 2023.

Table with columns for Muskegon Co. NA, Southeast NA, Southeast NA, and Southeast NA. Each column contains site names (e.g., 201130001, 201990006) and a grid of values and dates for 2023.

Table with columns for Southeast NA, Southeast NA, Southeast NA, and CASTNET SITE. Each column contains site names (e.g., 200370001, 201050007) and a grid of values and dates for 2023.

\* East Seven Mile Max Allowable has been modified to reflect two exceptional event days removed from the data set in 2022.

Summary of the Highest 8-Hour Ozone Concentrations for 2022 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 2022 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  
2022 data validated for 10 highest values. Updated through 2/22/2023.

All readings greater than 60 ppb are listed in this table.

Southeast NA		Berrien Co. NA 6/21/22		Southeast NA		Southeast NA		6/29/22		Allegan Co NA 5/30/22	
261630001 Allan Park Max Allowable 73 ppb	260270003 Cassopolis Max Allowable 70 ppb	260210014 Coloma Max Allowable 65 ppb	261630019 East Seven Mile* Max Allowable 70 ppb	260810022 Evans Max Allowable 77 ppb	260490021 Flint Max Allowable 78 ppb	260190003 Frankfort Max Allowable 77 ppb	260810020 Grand Rapids Max Allowable 66 ppb	260630007 Harbor Beach Max Allowable 67 ppb	260500003 Holland Max Allowable 58 ppb		
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
75	6/25/22	76	6/20/22	88	6/21/22	75	6/30/22	80	6/21/22	71	5/12/22
72	6/29/22	73	6/29/22	80	6/20/22	71	7/4/22	70	6/25/22	86	6/20/22
72	7/4/22	69	6/21/22	74	6/29/22	70	6/21/22	71	6/24/22	79	6/30/22
71	6/30/22	68	6/16/22	74	6/30/22	67	5/12/22	66	6/30/22	67	6/20/22
62	5/12/22	66	6/30/22	73	6/16/22	65	6/22/22	64	6/16/22	63	5/10/22
62	6/21/22	65	6/24/22	73	7/3/22	64	6/16/22	62	5/12/22	63	6/16/22
61	6/24/22	62	5/12/22	70	6/14/22	63	6/11/22	60	6/25/22	63	6/21/22
60	6/20/22	62	7/4/22	68	6/24/22	63	6/29/22	62	5/13/22	63	6/24/22
60	6/22/22	61	6/3/22	68	7/4/22	62	5/10/22	62	6/14/22	63	6/28/22
		60	6/19/22	65	5/12/22	62	6/20/22	62	7/1/22	62	5/13/22
		60	6/25/22	65	6/3/22	62	7/20/22	61	5/9/22	62	10/22/22
		60	7/3/22	65	6/22/22	61	6/15/22	61	9/9/22	61	7/18/22
				65	7/21/22	61	7/11/22	60	5/30/22	60	5/30/22
				63	6/8/22	60	7/23/22				
				62	6/19/22						
				61	5/14/22						
				61	6/25/22						
				60	5/13/22						
				60	5/19/22						
				60	7/20/22						

6/24/22		Muskegon Co. NA 5/31/22		Southeast NA		Southeast NA		Southeast NA	
261130001 Houghton Lake Max Allowable 80 ppb	261390005 Jenison Max Allowable 68 ppb	260770008 Kalamazoo Max Allowable 76 ppb	260650012 Lansing Max Allowable 87 ppb	261010922 Manistee (tribal) Max Allowable 81 ppb	261210039 Muskegon Max Allowable 57 ppb	260990009 New Haven Max Allowable 70 ppb	261250001 Oak Park Max Allowable 70 ppb	260492001 Otsville Max Allowable 76 ppb	261470005 Port Huron Max Allowable 71 ppb
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
73	6/30/22	91	6/21/22	76	6/20/22	68	6/20/22	88	6/20/22
66	6/21/22	88	6/20/22	70	6/21/22	67	6/30/22	80	6/30/22
66	6/25/22	72	6/24/22	68	6/24/22	65	6/25/22	76	6/21/22
65	5/9/22	71	6/30/22	68	6/29/22	62	5/12/22	66	5/10/22
63	5/12/22	70	6/16/22	68	6/30/22	62	6/16/22	64	6/16/22
63	6/14/22	68	6/14/22	66	7/4/22	62	6/21/22	66	6/16/22
62	5/13/22	64	6/6/22	65	6/25/22	61	7/4/22	65	9/3/22
		64	6/6/22	62	5/12/22	60	5/13/22	62	6/15/22
		64	6/25/22	62	6/3/22	60	6/28/22	62	6/22/22
		64	7/19/22	62	6/14/22	60	10/22/22	61	5/12/22
		61	5/31/22	61	5/14/22	62	6/25/22	60	7/20/22
		61	6/29/22	60	6/24/22	61	7/18/22	60	6/29/22
		60	6/15/22	60	7/20/22	60	9/3/22	60	6/3/22
						60	7/18/22		
						60	5/13/22		
						60	6/19/22		
						60	7/23/22		
						60	6/19/22		
						60	6/29/22		
						60	9/17/22		
						60	5/30/22		

Southeast NA		Southeast NA		Southeast NA		CASTNET SITE		CASTNET SITE		CASTNET SITE	
260370001 Rose Lake Max Allowable 84 ppb	261050007 Scottville Max Allowable 76 ppb	261530001 Seney Max Allowable 79 ppb	260910007 Tecomseh Max Allowable 79 ppb	260991003 Warren Max Allowable 75 ppb	261610008 Ypsilanti Max Allowable 74 ppb	CASTNET SITE Hoxysville Max Allowable 81 ppb	CASTNET SITE Unionville Max Allowable 79 ppb	CASTNET SITE Ann Arbor Max Allowable 82 ppb			
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date		
67	6/20/22	90	6/20/22	78	6/20/22	69	6/20/22	73	6/30/22		
65	6/16/22	78	6/21/22	70	5/13/22	69	6/21/22	70	6/21/22		
64	6/21/22	66	5/12/22	70	6/25/22	68	6/20/22	70	6/21/22		
64	6/30/22	66	6/28/22	67	7/19/22	66	5/12/22	68	5/12/22		
64	5/12/22	66	6/28/22	63	6/24/22	68	7/4/22	67	6/25/22		
61	6/3/22	65	6/15/22	62	5/30/22	67	5/12/22	67	6/30/22		
60	7/1/22	65	6/25/22	62	10/22/22	63	6/29/22	63	6/20/22		
		60	5/13/22	60	5/9/22	63	6/18/22	65	6/22/22		
		60	6/16/22	60	6/22/22	64	6/16/22	61	6/24/22		
		60	6/24/22	60	5/12/22	64	6/20/22	60	5/10/22		
		60	10/22/22	60	7/4/22	64	6/22/22	60	5/13/22		
						63	6/15/22	60	6/11/22		
						62	6/11/22	62	5/31/22		
						62	8/19/22	62	10/22/22		
						62	9/3/22	60	5/8/22		
						61	5/10/22	60	6/10/22		
						61	6/29/22	60	6/15/22		
						61	7/20/22	60	7/4/22		
						60	6/3/22				
						60	7/11/22				

\* East Seven Mile data has been modified to reflect two exceptional event days removed from the data set.

### Summary of the Highest 8-Hour Ozone Concentrations for 2021 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 2021 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**

**2021 Data validated for 10 highest values. Updated through 11/29/2021.**

All readings greater than 60 ppb are listed in this table.

Southeast NA		Berrien Co. NA 7/6/21		Southeast NA		Southeast NA		Southeast NA		Southeast NA		Southeast NA		Allegan Co NA 6/4/21		Allegan Co NA 6/4/21			
261630001 Allen Park Max Allowable 80 ppb		260270003 Cassopolis Max Allowable 73 ppb		260210014 Coloma Max Allowable 68 ppb		261630019 East Seven Mile Max Allowable 71 ppb		260810022 Evans Max Allowable 82 ppb		260490021 Flint Max Allowable 85 ppb		260190003 Frankfort Max Allowable 87 ppb		260810020 Grand Rapids Max Allowable 69 ppb		260630007 Harbor Beach Max Allowable 77 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
73	6/5/21	<b>74</b>	<b>6/4/21</b>	<b>79</b>	<b>6/4/21</b>	71	5/18/21	72	6/4/21	76	5/18/21	70	6/3/21	<b>83</b>	<b>9/26/21</b>	71	5/20/21	<b>81</b>	<b>5/22/21</b>
70	6/12/21	69	6/3/21	<b>78</b>	<b>7/6/21</b>	71	6/5/21	70	6/3/21	69	6/4/21	70	6/5/21	71	<b>6/4/21</b>	71	5/21/21	<b>80</b>	<b>6/3/21</b>
69	6/17/21	67	6/12/21	<b>75</b>	<b>6/3/21</b>	70	6/1/21	66	8/5/21	69	6/5/21	68	6/4/21	<b>71</b>	<b>7/6/21</b>	70	5/19/21	<b>79</b>	<b>7/6/21</b>
<b>69</b>	<b>6/6/21</b>	<b>67</b>	<b>6/17/21</b>	<b>69</b>	<b>6/17/21</b>	<b>69</b>	<b>6/12/21</b>	<b>65</b>	<b>6/5/21</b>	<b>67</b>	<b>6/3/21</b>	<b>67</b>	<b>6/2/21</b>	<b>68</b>	<b>6/3/21</b>	<b>70</b>	<b>6/4/21</b>	<b>78</b>	<b>6/4/21</b>
68	6/1/21	67	6/18/21	<b>68</b>	<b>5/22/21</b>	69	6/17/21	61	6/17/21	67	6/17/21	65	6/17/21	66	6/5/21	67	6/5/21	<b>75</b>	<b>8/25/21</b>
68	7/28/21	67	9/27/21	<b>68</b>	<b>6/18/21</b>	68	5/15/21	61	9/27/21	65	5/17/21	64	5/22/21	65	8/5/21	65	5/18/21	<b>74</b>	<b>9/17/21</b>
66	6/4/21	63	5/22/21	<b>68</b>	<b>9/27/21</b>	68	5/21/21	60	6/2/21	65	6/6/21	63	6/6/21	65	9/27/21	65	6/17/21	<b>73</b>	<b>6/5/21</b>
66	8/5/21	61	6/1/21	<b>67</b>	<b>8/25/21</b>	67	6/4/21	60	6/18/21	64	5/20/21	62	8/18/21	64	6/12/21	64	5/17/21	<b>73</b>	<b>6/18/21</b>
64	6/20/21	61	6/11/21	<b>66</b>	<b>6/5/21</b>	67	6/6/21	60	7/27/21	63	5/15/21	60	5/18/21	63	6/11/21	64	6/1/21	<b>71</b>	<b>6/2/21</b>
63	6/24/21	60	6/5/21	<b>66</b>	<b>7/27/21</b>	66	8/24/21	59	4/27/21	62	6/1/21	60	5/31/21	63	6/18/21	64	8/5/21	<b>70</b>	<b>7/23/21</b>
61	5/18/21	60	6/20/21	<b>64</b>	<b>5/16/21</b>	65	5/19/21	65	5/20/21	61	5/31/21	60	6/18/21	63	7/28/21	63	6/6/21	<b>69</b>	<b>6/17/21</b>
61	5/31/21	60	6/20/21	<b>64</b>	<b>6/19/21</b>	65	5/20/21	65	5/20/21	61	5/17/21	61	6/31/21	61	6/17/21	61	8/24/21	<b>68</b>	<b>7/27/21</b>
61	6/11/21	60	6/20/21	<b>64</b>	<b>7/7/21</b>	65	6/20/21	65	6/20/21	61	5/31/21	60	6/18/21	61	7/24/21	60	6/10/21	<b>66</b>	<b>7/5/21</b>
60	5/21/21	60	6/20/21	<b>63</b>	<b>4/27/21</b>	64	8/5/21	64	8/5/21	61	5/31/21	60	6/31/21	61	8/25/21	61	6/10/21	<b>66</b>	<b>7/7/21</b>
				<b>63</b>	<b>5/21/21</b>	63	5/16/21	63	5/17/21	62	4/27/21	62	4/27/21	61	7/24/21	60	7/5/21	<b>66</b>	<b>7/24/21</b>
				<b>62</b>	<b>4/3/21</b>	63	5/17/21	63	5/17/21	62	4/27/21	62	6/24/21	61	7/24/21	60	7/5/21	<b>65</b>	<b>5/25/21</b>
				<b>62</b>	<b>6/1/21</b>	62	4/27/21	62	4/27/21	62	6/24/21	62	6/24/21	61	7/24/21	60	7/5/21	<b>65</b>	<b>7/28/21</b>
				<b>62</b>	<b>7/22/21</b>	62	6/24/21	62	6/24/21	62	6/24/21	62	6/24/21	61	8/25/21	61	8/25/21	<b>65</b>	<b>8/5/21</b>
				<b>61</b>	<b>6/9/21</b>	61	5/31/21	61	5/31/21	61	5/31/21	61	5/31/21	61	7/24/21	60	7/5/21	<b>65</b>	<b>10/1/21</b>
				<b>61</b>	<b>7/24/21</b>	60	4/7/21	60	4/7/21	60	4/7/21	60	4/7/21	61	8/25/21	60	8/25/21	<b>64</b>	<b>5/21/21</b>
				<b>60</b>	<b>4/4/21</b>	60	5/14/21	60	5/14/21	60	5/14/21	60	5/14/21	60	5/14/21	60	5/14/21	<b>64</b>	<b>7/22/21</b>
				<b>60</b>	<b>6/1/21</b>													<b>64</b>	<b>8/17/21</b>
				<b>60</b>	<b>6/2/21</b>													<b>64</b>	<b>9/27/21</b>
				<b>60</b>	<b>7/28/21</b>													<b>63</b>	<b>5/17/21</b>
				<b>60</b>	<b>8/5/21</b>													<b>63</b>	<b>6/6/21</b>
				<b>60</b>	<b>9/17/21</b>													<b>63</b>	<b>6/11/21</b>
																		<b>62</b>	<b>6/12/21</b>
																		<b>61</b>	<b>5/16/21</b>
																		<b>60</b>	<b>8/10/21</b>

Muskegon Co. NA 6/4/21		Southeast NA		Southeast NA		Southeast NA		Southeast NA		Southeast NA		Southeast NA		Southeast NA		Southeast NA			
261130001 Houghton Lake Max Allowable 86 ppb		261390005 Jenison Max Allowable 72 ppb		260770008 Kalamazoo Max Allowable 79 ppb		260650012 Lansing Max Allowable 95 ppb		261010922 Manistee (tribal) Max Allowable 99 ppb		261210039 Muskegon Max Allowable 64 ppb		260990009 New Haven Max Allowable 75 ppb		261250001 Oak Park Max Allowable 72 ppb		260492001 Otisville Max Allowable 84 ppb		261470005 Port Huron Max Allowable 73 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
67	6/5/21	<b>73</b>	<b>6/4/21</b>	70	6/4/21	69	6/4/21	75	6/2/21	<b>79</b>	<b>5/22/21</b>	75	8/24/21	71	6/5/21	74	5/18/21	<b>82</b>	<b>8/24/21</b>
65	5/18/21	<b>73</b>	<b>7/6/21</b>	67	9/27/21	64	6/5/21	73	6/5/21	<b>76</b>	<b>6/3/21</b>	74	6/17/21	70	5/18/21	72	6/4/21	<b>76</b>	<b>6/17/21</b>
64	6/3/21	71	6/3/21	65	6/12/21	63	5/18/21	72	6/3/21	<b>75</b>	<b>6/4/21</b>	73	6/5/21	69	6/12/21	72	6/5/21	<b>73</b>	<b>6/12/21</b>
<b>64</b>	<b>6/4/21</b>	<b>69</b>	<b>6/5/21</b>	<b>64</b>	<b>6/3/21</b>	<b>63</b>	<b>6/3/21</b>	<b>70</b>	<b>6/4/21</b>	<b>75</b>	<b>6/5/21</b>	<b>68</b>	<b>6/11/21</b>	<b>68</b>	<b>6/17/21</b>	<b>68</b>	<b>6/6/21</b>	<b>72</b>	<b>6/4/21</b>
62	6/2/21	68	7/28/21	63	6/17/21	63	6/6/21	66	6/6/21	<b>71</b>	<b>6/2/21</b>	68	6/4/21	66	6/4/21	66	5/17/21	<b>72</b>	<b>6/5/21</b>
61	5/15/21	65	7/27/21	58	6/1/21	61	6/17/21	66	6/17/21	<b>71</b>	<b>6/6/21</b>	68	8/5/21	65	5/15/21	66	6/17/21	<b>71</b>	<b>8/6/21</b>
60	5/17/21	65	8/25/21	58	6/5/21	59	5/21/21	65	6/18/21	<b>71</b>	<b>7/6/21</b>	68	8/21/21	65	5/20/21	65	5/20/21	<b>70</b>	<b>5/18/21</b>
59	4/23/21	65	9/27/21	58	6/11/21	58	5/15/21	64	7/27/21	<b>71</b>	<b>7/23/21</b>	67	6/6/21	65	6/1/21	64	5/31/21	<b>70</b>	<b>5/21/21</b>
59	6/17/21	64	6/18/21	58	6/18/21	58	5/17/21	63	5/22/21	<b>70</b>	<b>6/17/21</b>	67	6/28/21	63	5/16/21	64	6/1/21	<b>69</b>	<b>8/5/21</b>
58	5/31/21	63	7/7/21	56	7/28/21	58	7/27/21	62	5/17/21	<b>68</b>	<b>6/18/21</b>	66	5/18/21	63	5/19/21	63	6/3/21	<b>67</b>	<b>6/6/21</b>
										<b>68</b>	<b>8/5/21</b>	66	5/21/21	63	5/21/21	62	5/15/21	<b>66</b>	<b>6/1/21</b>
										<b>68</b>	<b>9/17/21</b>	65	7/24/21	63	6/6/21	62	5/19/21	<b>66</b>	<b>8/7/21</b>
										<b>67</b>	<b>5/21/21</b>	65	8/6/21	63	8/5/21	62	5/15/21	<b>66</b>	<b>6/20/21</b>
										<b>68</b>	<b>7/5/21</b>	63	6/12/21	62	7/28/21	62	7/28/21	<b>65</b>	<b>8/4/21</b>
										<b>66</b>	<b>7/28/21</b>	62	6/11/21	62	8/20/21	62	8/20/21	<b>64</b>	<b>5/15/21</b>
										<b>65</b>	<b>7/24/21</b>	62	6/20/21	61	8/21/21	62	8/25/21	<b>64</b>	<b>8/25/21</b>
										<b>65</b>	<b>7/27/21</b>	61	5/15/21	61	4/7/21	63	9/17/21	<b>63</b>	<b>9/17/21</b>
										<b>65</b>	<b>8/20/21</b>	61	5/16/21	60	5/17/21	62	5/19/21	<b>62</b>	<b>5/19/21</b>
										<b>64</b>	<b>8/10/21</b>	61	5/19/21	60	6/11/21	61	5/31/21	<b>61</b>	<b>5/31/21</b>
										<b>64</b>	<b>8/25/21</b>	61	9/17/21	61	9/17/21	61	6/24/21	<b>61</b>	<b>6/24/21</b>
										<b>64</b>	<b>8/28/21</b>	61	5/31/21	61	5/31/21	61	7/28/21	<b>61</b>	<b>7/28/21</b>
										<b>63</b>	<b>8/6/21</b>	60	5/17/21	60	5/17/21	60	5/17/21	<b>60</b>	<b>5/17/21</b>
										<b>62</b>	<b>5/17/21</b>	60	5/20/21	60	5/20/21	60	5/20/21	<b>60</b>	<b>5/20/21</b>
										<b>62</b>	<b>5/25/21</b>	60	6/24/21	60	6/24/21	60	6/24/21		
										<b>62</b>	<b>8/4/21</b>	60	7/28/21	60	7/28/21	60	7/28/21		
										<b>62</b>	<b>9/11/21</b>	60	5/15/21	60	5/15/21	60	5/15/21		
										<b>62</b>	<b>10/1/21</b>	60	6/11/21	60	6/11/21	60	6/11/21		
										<b>61</b>	<b>4/4/21</b>	60	5/17/21	60	5/17/21	60	5/17/21		
										<b>6</b>									

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

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



### Summary of the Highest 8-Hour Ozone Concentrations for 2018 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 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

5/25/18		5/25/18		5/28/18		5/28/18		5/24/18											
261630001 <b>Allen Park</b> Max Allowable 75 ppb		260270003 <b>Cassopolis</b> Max Allowable 63 ppb		260210014 <b>Coloma</b> Max Allowable 65 ppb		261630019 <b>East Seven Mile</b> Max Allowable 62 ppb		260810022 <b>Evans</b> Max Allowable 74 ppb		260490021 <b>Flint</b> Max Allowable 76 ppb		260190003 <b>Frankfort</b> Max Allowable 75 ppb		260810020 <b>Grand Rapids</b> Max Allowable 73 ppb		260630007 <b>Harbor Beach</b> Max Allowable 76 ppb		260050003 <b>Holland</b> 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	5/8/18	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	62	5/5/18
		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	5/2/18
		60	6/28/18	62	8/4/18	62	7/14/18	61	5/31/18	61	5/31/18	60	5/2/18	60	5/2/18	62	5/5/18	62	8/4/18
		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	8/5/18
		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	4/30/18
				60	7/12/18	61	8/3/18	60	5/9/18	60	5/26/18	60	7/12/18	60	8/1/18	61	8/1/18	60	6/29/18
				60	5/26/18	60	8/2/18	60	7/8/18	60	7/8/18							60	7/12/18

7/13/18		5/25/18		6/7/18		6/7/18		6/29/18											
261130001 <b>Houghton Lake</b> Max Allowable 76 ppb		261390005 <b>Jenison</b> Max Allowable 73 ppb		260770008 <b>Kalamazoo</b> Max Allowable 70 ppb		260650012 <b>Lansing</b> Max Allowable 73 ppb		261010922 <b>Manistee (tribal)</b> Max Allowable 77 ppb		261210039 <b>Muskegon</b> Max Allowable 62 ppb		260990009 <b>New Haven</b> Max Allowable 71 ppb		261250001 <b>Oak Park</b> Max Allowable 68 ppb		260492001 <b>Otisville</b> Max Allowable 76 ppb		261470005 <b>Port Huron</b> 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	65	5/2/18	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	65	5/28/18	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	7/4/18	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	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	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			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	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	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						
		60	4/30/18	60	4/30/18			61	5/5/18	63	8/3/18	61	5/31/18						
		60	5/1/18	60	5/1/18			61	8/1/18	62	5/9/18	60	5/9/18						
		60	6/29/18	60	6/29/18			60	4/22/18	62	5/31/18	60	5/26/18						
		60	7/8/18	60	7/8/18			60	5/9/18	61	5/1/18	60	8/3/18						
		60	7/15/18	60	7/15/18			60	5/28/18	61	5/28/18	60	8/7/18						
				60	5/5/18			60	7/8/18	60	7/8/18								
				60	8/7/18			60	8/7/18										

260370001 <b>Rose Lake</b> Max Allowable 77 ppb		261050007 <b>Scottville</b> Max Allowable 74 ppb		261530001 <b>Seney</b> Max Allowable 81 ppb		260330901 <b>Sault Ste Marie</b> Max Allowable 99 ppb		260910007 <b>Tecumseh</b> Max Allowable 77 ppb		260991003 <b>Warren</b> Max Allowable 77 ppb		261610008 <b>Ypsilanti</b> Max Allowable 75 ppb		CASTNET SITE <b>Hoxysville</b> Max Allowable 78 ppb		CASTNET SITE <b>Unionville</b> Max Allowable 80 ppb		CASTNET SITE <b>Ann Arbor</b> 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	6/8/18
74	5/25/18	70	7/9/18	72	8/4/18			72	5/25/18	77	6/29/18	72	5/28/18	70	5/1/18	67	7/13/18	72	7/3/18
74	5/28/18	69	7/13/18	71	5/24/18			72	7/13/18	77	8/4/18	72	7/13/18	68	5/8/18	65	5/9/18	68	7/13/18
71	5/27/18	68	5/1/18	67	7/12/18			71	5/28/18	72	5/25/18	70	6/8/18	65	4/23/18	65	7/4/18	67	7/9/18
70	7/3/18	64	6/29/18	63	4/23/18			69	6/8/18	70	5/28/18	68	5/25/18	65	5/9/18	64	7/9/18	66	

## 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 <b>Allen Park</b> Max Allowable 78 ppb		260270003 <b>Cassopolis</b> Max Allowable 67 ppb		260210014 <b>Coloma</b> Max Allowable 62 ppb		261630019 <b>East Seven Mile</b> Max Allowable 68 ppb		260810022 <b>Evans</b> Max Allowable 75 ppb		260490021 <b>Flint</b> Max Allowable 74 ppb		260190003 <b>Frankfort</b> Max Allowable 73 ppb		260810020 <b>Grand Rapids</b> Max Allowable 70 ppb		260630007 <b>Harbor Beach</b> Max Allowable 73 ppb		260050003 <b>Holland</b> 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	<b>78</b>	<b>6/9/17</b>	<b>74</b>	<b>6/9/17</b>	<b>84</b>	<b>7/6/17</b>	70	6/9/17	68	7/6/17	<b>74</b>	<b>9/26/17</b>	68	6/9/17	69	9/26/17	<b>75</b>	<b>6/2/17</b>
68	9/26/17	<b>73</b>	<b>7/6/17</b>	<b>73</b>	<b>6/15/17</b>	<b>78</b>	<b>7/19/17</b>	68	6/10/17	66	6/10/17	72	6/10/17	67	6/10/17	68	9/24/17	<b>74</b>	<b>6/12/17</b>
67	6/10/17	<b>72</b>	<b>6/10/17</b>	<b>71</b>	<b>6/4/17</b>	<b>77</b>	<b>7/18/17</b>	67	7/6/17	65	6/3/17	68	7/6/17	65	7/6/17	65	6/10/17	<b>74</b>	<b>6/15/17</b>
<b>67</b>	<b>7/21/17</b>	<b>72</b>	<b>6/15/17</b>	<b>69</b>	<b>6/10/17</b>	<b>77</b>	<b>9/26/17</b>	<b>66</b>	<b>6/12/17</b>	<b>64</b>	<b>5/16/17</b>	<b>66</b>	<b>5/17/17</b>	<b>64</b>	<b>6/4/17</b>	<b>64</b>	<b>7/18/17</b>	<b>71</b>	<b>6/10/17</b>
66	7/6/17	<b>71</b>	<b>6/4/17</b>	<b>69</b>	<b>7/18/17</b>	<b>76</b>	<b>8/1/17</b>	65	9/26/17	63	6/4/17	65	5/16/17	63	6/15/17	63	8/10/17	<b>69</b>	<b>6/1/17</b>
65	8/1/17	<b>71</b>	<b>7/18/17</b>	<b>65</b>	<b>6/2/17</b>	<b>74</b>	<b>8/10/17</b>	64	6/3/17	63	8/16/17	64	9/24/17	63	7/11/17	61	7/6/17	<b>68</b>	<b>6/9/17</b>
64	7/27/17	<b>68</b>	<b>6/3/17</b>	<b>64</b>	<b>6/1/17</b>	<b>73</b>	<b>9/25/17</b>	63	6/4/17	63	9/24/17	63	6/11/17	63	7/21/17	60	6/4/17	<b>68</b>	<b>9/26/17</b>
63	5/16/17	<b>65</b>	<b>6/11/17</b>	<b>63</b>	<b>6/29/17</b>	<b>71</b>	<b>6/10/17</b>	62	5/16/17	62	6/11/17	62	10/20/17	62	6/3/17	60	6/9/17	<b>67</b>	<b>6/4/17</b>
62	6/11/17	<b>64</b>	<b>5/16/17</b>	<b>62</b>	<b>5/3/17</b>	<b>71</b>	<b>7/7/17</b>	62	4/24/17	62	7/11/17	61	4/9/17	62	6/12/17	61	6/29/17	<b>67</b>	<b>6/29/17</b>
60	7/19/17	<b>63</b>	<b>7/19/17</b>	<b>61</b>	<b>5/1/17</b>	<b>70</b>	<b>7/3/17</b>	62	6/16/17	62	8/10/17	61	9/25/17	62	6/16/17	61	6/17/17	<b>65</b>	<b>5/16/17</b>
		<b>61</b>	<b>4/9/17</b>	<b>61</b>	<b>5/16/17</b>	<b>69</b>	<b>5/16/17</b>	62	6/29/17	62	9/25/17	60	5/11/17	62	6/17/17	61	6/17/17	<b>65</b>	<b>6/16/17</b>
		<b>61</b>	<b>4/24/17</b>	<b>61</b>	<b>9/26/17</b>	<b>69</b>	<b>6/29/17</b>	62	8/1/17	62	9/26/17	60	6/3/17	62	6/29/17	61	6/17/17	<b>64</b>	<b>6/17/17</b>
		<b>61</b>	<b>6/2/17</b>	<b>60</b>	<b>4/24/17</b>	<b>68</b>	<b>9/23/17</b>	62	9/23/17	61	8/1/17	60	6/9/17	62	7/5/17	61	6/11/17	<b>64</b>	<b>7/16/17</b>
		<b>61</b>	<b>6/12/17</b>	<b>60</b>	<b>6/12/17</b>	<b>67</b>	<b>6/1/17</b>	61	6/11/17	61	9/23/17	60	6/15/17	61	6/11/17	61	6/11/17	<b>64</b>	<b>7/11/17</b>
		<b>61</b>	<b>6/29/17</b>	<b>60</b>	<b>6/13/17</b>	<b>67</b>	<b>6/17/17</b>	61	6/15/17	60	5/17/17	60	8/1/17	61	9/26/17	61	9/26/17	<b>62</b>	<b>4/26/17</b>
		<b>61</b>	<b>7/5/17</b>	<b>60</b>	<b>6/16/17</b>	<b>67</b>	<b>8/21/17</b>	60	4/15/17	60	4/9/17	60	4/24/17	60	4/24/17	61	6/30/17	<b>62</b>	<b>6/30/17</b>
		<b>60</b>	<b>4/26/17</b>	<b>60</b>	<b>7/5/17</b>	<b>67</b>	<b>9/24/17</b>	60	4/9/17	60	6/14/17	60	5/16/17	60	5/16/17	61	6/11/17	<b>62</b>	<b>7/20/17</b>
		<b>60</b>	<b>5/10/17</b>	<b>60</b>	<b>7/6/17</b>	<b>66</b>	<b>6/4/17</b>	60	5/10/17	60	6/29/17	60	6/29/17	60	6/29/17	61	4/15/17	<b>61</b>	<b>4/15/17</b>
		<b>60</b>	<b>5/11/17</b>	<b>60</b>	<b>9/23/17</b>	<b>66</b>	<b>9/22/17</b>	60	9/25/17	60	7/19/17	60	7/19/17	60	7/19/17	61	4/24/17	<b>61</b>	<b>4/24/17</b>
		<b>60</b>	<b>5/18/17</b>	<b>60</b>	<b>5/18/17</b>	<b>65</b>	<b>6/12/17</b>	60	6/12/17	60	6/12/17	60	6/12/17	60	6/12/17	61	5/13/17	<b>61</b>	<b>5/13/17</b>
						<b>65</b>	<b>6/21/17</b>									61	7/19/17	<b>61</b>	<b>7/19/17</b>
						<b>65</b>	<b>8/3/17</b>									61	9/23/17	<b>61</b>	<b>9/23/17</b>
						<b>65</b>	<b>8/9/17</b>									61	9/24/17	<b>61</b>	<b>9/24/17</b>
						<b>65</b>	<b>8/15/17</b>									60	4/9/17	<b>60</b>	<b>4/9/17</b>
						<b>65</b>	<b>8/30/17</b>									60	5/11/17	<b>60</b>	<b>5/11/17</b>
						<b>64</b>	<b>7/26/17</b>									60	6/14/17	<b>60</b>	<b>6/14/17</b>
						<b>64</b>	<b>8/2/17</b>									60	6/14/17	<b>60</b>	<b>6/14/17</b>
						<b>63</b>	<b>7/21/17</b>									60	8/1/17	<b>60</b>	<b>8/1/17</b>
						<b>63</b>	<b>7/27/17</b>												
						<b>63</b>	<b>8/20/17</b>												
						<b>62</b>	<b>4/9/17</b>												
						<b>62</b>	<b>5/23/17</b>												
						<b>62</b>	<b>6/13/17</b>												
						<b>62</b>	<b>6/16/17</b>												
						<b>62</b>	<b>6/28/17</b>												
						<b>62</b>	<b>7/11/17</b>												
						<b>62</b>	<b>7/23/17</b>												
						<b>61</b>	<b>9/21/17</b>												
						<b>60</b>	<b>5/13/17</b>												
						<b>60</b>	<b>6/30/17</b>												
						<b>60</b>	<b>7/20/17</b>												

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



## 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. 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 subject to validation - updated through 9/30/16



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

261130001 <b>Houghton Lake</b> Max Allowable 85 ppb		261390005 <b>Jenison</b> Max Allowable 76 ppb		260770008 <b>Kalamazoo</b> Max Allowable 78 ppb		260650012 <b>Lansing</b> Max Allowable 83 ppb		261010922 <b>Manistee (tribal)</b> Max Allowable		261210039 <b>Muskegon</b> Max Allowable 63 ppb		260990009 <b>New Haven</b> Max Allowable 69 ppb		261250001 <b>Oak Park</b> Max Allowable 79 ppb		260492001 <b>Otsville</b> Max Allowable 77 ppb		261470005 <b>Port Huron</b> 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	87	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	6/13/16	78	5/25/16	74	4/18/16	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	4/18/16	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
66	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	6/30/16	69	6/26/16	67	6/25/16	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	6/11/16
62	5/22/16	66	8/3/16	65	5/23/16	64	8/4/16	62	8/3/16	66	7/20/16	68	6/10/16	65	6/22/16	67	6/25/16	62	5/23/16
61	5/21/16	66	8/4/16	64	5/25/16	63	6/25/16	62	8/11/16	65	7/6/16	67	4/17/16	65	6/30/16	66	8/9/16	62	6/20/16
61	8/4/16	64	6/20/16	64	6/20/16	62	6/30/16	62	6/30/16	64	6/22/16	66	6/20/16	65	8/4/16	66	6/12/16	61	7/12/16
63	6/15/16	64	7/6/16	62	7/20/16	62	7/20/16	62	7/20/16	64	8/4/16	65	4/16/16	64	5/23/16	65	7/12/16	61	9/5/16
62	4/15/16	63	8/4/16	63	8/4/16	61	6/3/16	63	6/3/16	63	8/11/16	65	5/27/16	64	5/27/16	63	6/20/16	61	9/13/16
62	5/31/16	63	6/30/16	60	4/15/16	60	4/15/16	62	4/25/16	62	4/25/16	65	7/8/16	64	7/11/16	63	6/20/16	60	8/4/16
62	6/4/16	61	4/15/16	60	8/3/16	60	8/3/16	62	5/20/16	62	5/20/16	65	8/4/16	64	7/12/16	62	4/15/16	60	8/4/16
61	5/26/16	60	6/6/16	60	9/22/16	60	9/22/16	62	5/31/16	63	5/26/16	63	5/26/16	63	4/16/16	62	4/15/16	60	8/4/16
61	8/2/16	60	6/18/16	60	6/22/16	60	6/22/16	61	6/4/16	61	6/4/16	63	6/22/16	63	6/24/16	61	8/10/16	60	8/10/16
61	9/9/16	60	6/22/16	60	6/22/16	60	6/22/16	60	5/21/16	63	7/12/16	63	6/20/16	63	6/20/16	60	7/22/16	60	7/22/16
60	9/22/16	60	8/10/16	60	8/10/16	60	8/10/16	60	8/10/16	60	8/10/16	63	6/24/16	63	6/24/16	60	8/10/16	60	8/10/16

## 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 <b>Allen Park</b> Max Allowable 99 ppb		260270003 <b>Cassopolis</b> Max Allowable 90 ppb		260210014 <b>Coloma</b> Max Allowable 80 ppb		261630019 <b>East Seven Mile</b> Max Allowable 87 ppb		260810022 <b>Evans</b> Max Allowable 93 ppb		260490021 <b>Flint</b> Max Allowable 94 ppb		260190003 <b>Frankfort</b> Max Allowable 89 ppb		260810020 <b>Grand Rapids</b> Max Allowable 93 ppb		260630007 <b>Harbor Beach</b> Max Allowable 97 ppb		260050003 <b>Holland</b> 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	78	6/10/15	<b>78</b>	<b>9/3/15</b>	80	7/6/15	73	7/24/15	74	7/12/15	73	5/7/15	76	7/24/15	79	7/6/15	<b>84</b>	<b>7/17/15</b>
69	7/11/15	74	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	<b>79</b>	<b>7/24/15</b>
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	<b>75</b>	<b>5/7/15</b>
<b>64</b>	<b>5/8/15</b>	<b>68</b>	<b>4/18/15</b>	<b>72</b>	<b>7/5/15</b>	<b>70</b>	<b>5/3/15</b>	<b>65</b>	<b>5/2/15</b>	<b>66</b>	<b>5/3/15</b>	<b>67</b>	<b>5/3/15</b>	<b>67</b>	<b>9/6/15</b>	<b>67</b>	<b>9/2/15</b>	<b>72</b>	<b>9/2/15</b>
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	60	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			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
				60	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 <b>Houghton Lake</b> Max Allowable 99 ppb		261390005 <b>Jenison</b> Max Allowable 86 ppb		260770008 <b>Kalamazoo</b> Max Allowable 92 ppb		260650012 <b>Lansing</b> Max Allowable 96 ppb		261010922 <b>Manistee (tribal)</b> Max Allowable 92 ppb		261210039 <b>Muskegon</b> Max Allowable 79 ppb		260990009 <b>New Haven</b> Max Allowable 84 ppb		261250001 <b>Oak Park</b> Max Allowable 93 ppb		260492001 <b>Otisville</b> Max Allowable 92 ppb		261470005 <b>Port Huron</b> 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	<b>89</b>	<b>7/24/15</b>	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
<b>64</b>	<b>7/6/15</b>	<b>65</b>	<b>5/2/15</b>	<b>67</b>	<b>5/2/15</b>	<b>64</b>	<b>5/2/15</b>	<b>67</b>	<b>5/3/15</b>	<b>74</b>	<b>5/7/15</b>	<b>72</b>	<b>7/24/15</b>	<b>66</b>	<b>6/10/15</b>	<b>67</b>	<b>7/12/15</b>	<b>75</b>	<b>8/15/15</b>
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	7/28/15	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 <b>Rose Lake</b> Max Allowable 97 ppb		261050007 <b>Scottville</b> Max Allowable 89 ppb		261530001 <b>Seney</b> Max Allowable 92 ppb		260330901 <b>Sault Ste marie</b> Max Allowable 109 ppb		260910007 <b>Tecumseh</b> Max Allowable 95 ppb		260991003 <b>Warren</b> Max Allowable 93 ppb		261610008 <b>Ypsilanti</b> Max Allowable 92 ppb		CASTNET SITE <b>Hoxyville</b> Max Allowable 95 ppb		CASTNET SITE <b>Unionville</b> Max Allowable 101 ppb		CASTNET SITE <b>Ann Arbor</b> 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
<b>64</b>	<b>5/2/15</b>	<b>66</b>	<b>7/24/15</b>	<b>70</b>	<b>5/24/15</b>	<b>59</b>	<b>5/7/15</b>	<b>65</b>	<b>7/6/15</b>	<b>64</b>	<b>6/10/15</b>	<b>64</b>	<b>7/6/15</b>	<b>64</b>	<b>5/2/15</b>	<b>64</b>	<b>9/17/15</b>	<b>64</b>	<b>6/10/15</b>
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			

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

5/21/14																			
261130001 <b>Houghton Lake</b> Max Allowable 84 ppb		261390005 <b>Jenison</b> Max Allowable 73 ppb		260770008 <b>Kalamazoo</b> Max Allowable 75 ppb		260650012 <b>Lansing</b> Max Allowable 81 ppb		261010922 <b>Manistee (tribal)</b> Max Allowable 76 ppb		261210039 <b>Muskegon</b> Max Allowable 63 ppb		260990009 <b>New Haven</b> Max Allowable 74 ppb		261250001 <b>Oak Park</b> Max Allowable 79 ppb		260492001 <b>Otisville</b> Max Allowable 77 ppb		261470005 <b>Port Huron</b> 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	<b>78</b>	<b>8/3/14</b>	<b>82</b>	<b>8/3/14</b>	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	<b>76</b>	<b>5/26/14</b>	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	<b>76</b>	<b>6/7/14</b>	72	5/25/14	71	6/7/14	68	5/11/14	72	7/22/14
<b>63</b>	<b>4/20/14</b>	<b>71</b>	<b>6/7/14</b>	<b>67</b>	<b>6/8/14</b>	<b>65</b>	<b>5/26/14</b>	<b>69</b>	<b>5/8/14</b>	<b>74</b>	<b>7/20/14</b>	<b>71</b>	<b>6/7/14</b>	<b>67</b>	<b>4/21/14</b>	<b>68</b>	<b>6/1/14</b>	<b>68</b>	<b>4/21/14</b>
63	6/15/14	69	5/30/14	66	4/21/14	63	5/31/14	66	5/11/14	<b>73</b>	<b>6/1/14</b>	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	66	6/9/14	66	6/9/14	<b>70</b>	<b>5/8/14</b>	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	<b>69</b>	<b>5/20/14</b>	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	<b>69</b>	<b>7/22/14</b>	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	<b>68</b>	<b>5/11/14</b>	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	<b>68</b>	<b>5/25/14</b>	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			<b>64</b>	<b>5/21/14</b>	67	6/1/14	62	6/6/14	62	6/15/14	62	6/16/14
		63	5/11/14	61	5/11/14					<b>63</b>	<b>4/20/14</b>	67	6/28/14	61	4/20/14	62	6/16/14	62	6/28/14
		63	6/14/14	61	5/21/14					<b>63</b>	<b>5/18/14</b>	66	4/21/14	61	5/11/14	61	5/25/14	61	7/26/14
		63	7/21/14	61	6/6/14					<b>62</b>	<b>5/19/14</b>	66	9/29/14	61	6/15/14	60	5/18/14	60	4/20/14
		63	7/22/14	61	8/2/14					<b>62</b>	<b>5/30/14</b>	65	5/8/14	61	6/16/14	60	5/21/14	60	7/11/14
		62	5/18/14	60	5/19/14					<b>62</b>	<b>6/2/14</b>	64	4/20/14	61	6/27/14	60	5/31/14	60	8/1/14
		62	6/2/14	60	5/26/14					<b>62</b>	<b>8/16/14</b>	63	5/19/14	61	9/29/14				
		62	8/10/14							<b>61</b>	<b>6/14/14</b>	63	6/9/14	60	5/19/14				
		61	4/21/14							<b>61</b>	<b>7/21/14</b>	63	6/6/14	60	5/21/14				
		61	5/19/14							<b>60</b>	<b>7/26/14</b>	62	6/16/14	60	5/25/14				
		61	6/29/14							60	4/12/14	60	7/20/14	60	7/26/14				
		61	9/29/14							60	7/6/14	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 <b>Rose Lake</b> Max Allowable 84 ppb		261050007 <b>Scottville</b> Max Allowable 74 ppb		261530001 <b>Seney</b> Max Allowable 76 ppb		260330901 <b>Sault Ste marie</b> Max Allowable 89 ppb		260910007 <b>Tecumseh</b> Max Allowable 76 ppb		260991003 <b>Warren</b> Max Allowable 78 ppb		261610008 <b>Ypsilanti</b> Max Allowable 77 ppb		CASTNET SITE <b>Hoxbyville</b> Max Allowable 90 ppb		CASTNET SITE <b>Unionville</b> Max Allowable 86 ppb		CASTNET SITE <b>Ann Arbor</b> 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	<b>79</b>	<b>6/7/14</b>	<b>80</b>	<b>8/3/14</b>	<b>78</b>	<b>6/9/14</b>	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							

## 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			6/21/13			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	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date			
78	4/27/13	<b>74</b>	5/14/13	<b>77</b>	9/10/13	<b>79</b>	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	88	9/10/13	89	9/10/13	90	9/10/13	91	9/10/13		
68	6/20/13	<b>72</b>	6/20/13	<b>76</b>	6/17/13	<b>75</b>	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	87	8/26/13	92	8/26/13	93	8/26/13	94	8/26/13		
64	6/23/13	<b>72</b>	9/10/13	<b>74</b>	8/26/13	<b>75</b>	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	85	7/19/13	95	7/19/13	96	7/19/13	97	7/19/13		
<b>64</b>	8/21/13	<b>69</b>	6/11/13	<b>73</b>	5/14/13	<b>68</b>	8/19/13	<b>67</b>	8/19/13	<b>64</b>	4/27/13	<b>70</b>	7/18/13	<b>65</b>	8/19/13	<b>64</b>	4/27/13	<b>78</b>	8/25/13	74	8/25/13	98	8/25/13	99	8/25/13	100	8/25/13		
62	4/27/13	<b>68</b>	9/11/13	<b>71</b>	7/19/13	<b>67</b>	7/19/13	67	8/25/13	64	5/1/13	69	6/20/13	65	8/27/13	64	6/20/13	76	8/27/13	81	8/27/13	101	8/27/13	102	8/27/13	103	8/27/13		
61	7/21/13	<b>67</b>	9/7/13	<b>69</b>	6/11/13	<b>66</b>	6/24/13	66	5/14/13	64	6/23/13	68	8/20/13	65	8/30/13	63	5/2/13	75	8/17/13	82	8/17/13	104	8/17/13	105	8/17/13	106	8/17/13		
61	8/18/13	<b>64</b>	4/22/13	<b>69</b>	6/20/13	<b>66</b>	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	83	8/21/13	107	8/21/13	108	8/21/13	109	8/21/13		
		<b>64</b>	5/1/13	<b>69</b>	9/7/13	<b>66</b>	9/10/13	62	4/22/13	63	9/10/13	67	4/28/13	64	7/18/13	62	7/15/13	72	6/30/13	84	6/30/13	110	6/30/13	111	6/30/13	112	6/30/13		
		<b>64</b>	6/9/13	<b>67</b>	8/19/13	<b>65</b>	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	86	5/8/13	113	5/8/13	114	5/8/13	115	5/8/13		
		<b>64</b>	6/21/13	<b>67</b>	8/2/13	<b>65</b>	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	87	7/7/13	116	7/7/13	117	7/7/13	118	7/7/13		
		<b>63</b>	4/27/13	<b>67</b>	8/27/13	<b>64</b>	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	88	7/18/13	119	7/18/13	120	7/18/13	121	7/18/13		
		<b>63</b>	6/17/13	<b>65</b>	7/5/13	<b>63</b>	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	89	6/27/13	122	6/27/13	123	6/27/13	124	6/27/13		
		<b>63</b>	8/26/13	<b>65</b>	8/30/13	<b>62</b>	6/22/13	61	5/18/13	60	5/9/13	63	5/19/13	62	7/8/13	61	9/10/13	69	8/19/13	90	8/19/13	125	8/19/13	126	8/19/13	127	8/19/13		
		<b>63</b>	9/9/13	<b>64</b>	5/8/13	<b>62</b>	8/18/13	61	5/19/13	60	7/9/13	63	5/31/13	62	8/26/13	61	9/10/13	68	5/20/13	91	5/20/13	128	5/20/13	129	5/20/13	130	5/20/13		
		<b>62</b>	5/9/13	<b>64</b>	6/25/13	<b>61</b>	6/5/13	61	6/9/13	60	7/19/13	63	8/18/13	61	4/27/13	60	4/27/13	68	6/21/13	92	6/21/13	131	6/21/13	132	6/21/13	133	6/21/13		
		<b>62</b>	6/23/13	<b>63</b>	4/22/13	<b>61</b>	6/25/13	61	6/23/13	60	9/28/13	62	7/6/13	61	7/19/13	60	5/4/13	67	5/14/13	93	5/14/13	134	5/14/13	135	5/14/13	136	5/14/13		
		<b>62</b>	8/19/13	<b>63</b>	4/27/13	<b>61</b>	8/22/13	61	7/5/13	61	4/22/13	60	4/22/13	60	5/4/13	60	5/4/13	66	7/5/13	94	7/5/13	137	7/5/13	138	7/5/13	139	7/5/13		
		<b>62</b>	8/25/13	<b>63</b>	5/1/13	<b>60</b>	8/25/13	61	7/19/13	61	4/27/13	60	5/19/13	60	5/19/13	60	5/19/13	65	5/19/13	95	5/19/13	140	5/19/13	141	5/19/13	142	5/19/13		
		<b>61</b>	5/17/13	<b>63</b>	6/24/13	<b>60</b>	8/25/13	61	8/30/13	61	5/8/13	60	6/24/13	60	6/24/13	60	6/24/13	64	5/19/13	96	5/19/13	143	5/19/13	144	5/19/13	145	5/19/13		
		<b>61</b>	5/19/13	<b>62</b>	5/8/13	<b>60</b>	8/26/13	60	5/19/13	61	7/5/13	60	6/24/13	60	6/24/13	60	6/24/13	63	6/24/13	97	6/24/13	146	6/24/13	147	6/24/13	148	6/24/13		
		<b>61</b>	6/9/13	<b>62</b>	6/8/13	<b>60</b>	8/21/13	60	8/21/13	61	8/21/13	61	8/21/13	61	8/21/13	61	8/21/13	62	6/9/13	98	6/9/13	149	6/9/13	150	6/9/13	151	6/9/13		
		<b>61</b>	7/5/13	<b>62</b>	6/21/13	<b>60</b>	8/25/13	60	9/28/13	61	9/9/13	61	9/28/13	61	9/9/13	61	9/9/13	63	6/9/13	99	6/9/13	152	6/9/13	153	6/9/13	154	6/9/13		
		<b>60</b>	4/30/13	<b>62</b>	6/23/13	<b>60</b>	9/9/13	60	9/28/13	61	9/28/13	61	9/28/13	61	9/28/13	61	9/28/13	64	6/20/13	100	6/20/13	155	6/20/13	156	6/20/13	157	6/20/13		
		<b>60</b>	5/15/13	<b>62</b>	8/9/13	<b>60</b>	8/9/13	60	8/9/13	60	8/9/13	60	8/9/13	60	8/9/13	60	8/9/13	65	5/1/13	101	5/1/13	158	5/1/13	159	5/1/13	160	5/1/13		
		<b>60</b>	5/16/13	<b>61</b>	4/30/13	<b>60</b>	8/18/13	60	8/18/13	60	8/18/13	60	8/18/13	60	8/18/13	60	8/18/13	66	5/1/13	102	5/1/13	161	5/1/13	162	5/1/13	163	5/1/13		
		<b>60</b>	5/21/13	<b>61</b>	6/27/13	<b>60</b>	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	67	5/1/13	103	5/1/13	164	5/1/13	165	5/1/13	166	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	68	5/1/13	104	5/1/13	167	5/1/13	168	5/1/13	169	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	69	5/1/13	105	5/1/13	170	5/1/13	171	5/1/13	172	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	70	5/1/13	106	5/1/13	173	5/1/13	174	5/1/13	175	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	71	5/1/13	107	5/1/13	176	5/1/13	177	5/1/13	178	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	72	5/1/13	108	5/1/13	179	5/1/13	180	5/1/13	181	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	73	5/1/13	109	5/1/13	182	5/1/13	183	5/1/13	184	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	74	5/1/13	110	5/1/13	185	5/1/13	186	5/1/13	187	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	75	5/1/13	111	5/1/13	188	5/1/13	189	5/1/13	190	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	76	5/1/13	112	5/1/13	191	5/1/13	192	5/1/13	193	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	77	5/1/13	113	5/1/13	194	5/1/13	195	5/1/13	196	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	60	8/21/13	78	5/1/13	114	5/1/13	197	5/1/13	198	5/1/13	199	5/1/13		
		<b>60</b>	8/18/13	<b>61</b>	8/18/13	<b>60</b>	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	60	8/20/13	79	5/1/13	115	5/1/13	200	5/1/13	201	5/1/13	202	5/1/13		

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			261010922 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 Otisville Max Allowable 71 ppb			261470005 Port Huron Max Allowable 72 ppb		
Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date	Value, ppb	Date	Date			
71	6/21/13	<b>75</b>	9/10/13	<b>72</b>	6/11/																								

## 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**

261630001 <b>Allen Park</b> Max Allowable 81 ppb		6/28/12 260270003 <b>Cassopolis</b> Max Allowable 77 ppb		5/24/12 260210014 <b>Coloma</b> Max Allowable 72 ppb		5/21/12 261630019 <b>East Seven Mile</b> Max Allowable 66 ppb		260810022 <b>Evans</b> Max Allowable 84 ppb		8/3/12 260490021 <b>Flint</b> Max Allowable 84 ppb		260190003 <b>Frankfort</b> Max Allowable 84 ppb		260810020 <b>Grand Rapids</b> Max Allowable 83 ppb		260630007 <b>Harbor Beach</b> Max Allowable 88 ppb		5/20/12 260050003 <b>Holland</b> 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
<b>101</b>	<b>6/28/12</b>	<b>105</b>	<b>6/28/12</b>	<b>113</b>	<b>7/23/12</b>	<b>110</b>	<b>6/28/12</b>	<b>85</b>	<b>6/28/12</b>	<b>94</b>	<b>8/3/12</b>	<b>85</b>	<b>7/16/12</b>	<b>89</b>	<b>6/28/12</b>	<b>92</b>	<b>6/28/12</b>	<b>102</b>	<b>7/3/12</b>
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	62	7/21/12	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	64	6/30/12	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	64	6/20/12	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	64	6/20/12	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	63	6/18/12	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	63	7/25/12	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	63	8/2/12	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	62	5/28/12	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	62	6/14/12	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	61	5/27/12	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	61	6/24/12	67	8/30/12
		61	6/17/12	63	8/6/12	63	8/15/12	60	7/4/12	62	7/2/12	62	7/15/12	61	9/12/12	61	9/12/12	66	7/7/12
		61	7/22/12	63	8/19/12	62	6/29/12	60	8/2/12	62	8/7/12	62	8/7/12	60	6/18/12	60	6/18/12	66	7/30/12
		60	6/23/12	62	6/19/12	61	5/23/12	61	7/12/12	61	6/18/12	61	6/18/12	60	8/7/12	60	8/7/12	65	6/3/12
		60	8/7/12	61	5/14/12	61	7/12/12	61	5/14/12	61	7/4/12	61	7/4/12	60		60		65	6/14/12
		61	5/28/12	60	5/14/12	60	5/14/12	60	5/14/12	61	7/21/12	61	7/21/12	60		60		65	7/11/12
		61	5/29/12	60	6/21/12	60	6/21/12	60	6/21/12	61		61		60		60		64	5/23/12
		61	6/18/12	60	7/7/12	60	7/7/12	60	7/7/12	61		61		60		60		64	5/28/12
		61	7/26/12	60	7/31/12	60	7/31/12	60	7/31/12	61		61		60		60		63	6/18/12
		61	8/4/12	60	8/30/12	60	8/30/12	60	8/30/12	61		61		60		60		62	8/6/12
		60	5/11/12	60	5/11/12	60	5/11/12	60	5/11/12	61		61		60		60		62	9/16/12
		60	7/25/12	60	7/25/12	60	7/25/12	60	7/25/12	61		61		60		60		61	9/6/12
		60	9/6/12	60	9/6/12	60	9/6/12	60	9/6/12	61		61		60		60		61	9/11/12
		60	9/12/12	60	9/12/12	60	9/12/12	60	9/12/12	61		61		60		60		60	5/11/12
		60	9/16/12	60	9/16/12	60	9/16/12	60	9/16/12	61		61		60		60		60	5/2/12
																		60	7/26/12





### 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



261630001 Allen Park Max Allowable 95 ppb		260270003 Cassopolis Max Allowable 86 ppb		260210014 Coloma Max Allowable 85 ppb		261630019 East Seven Mile Max Allowable 75 ppb		260810022 Evans Max Allowable 89 ppb		260490021 Flint Max Allowable 71 ppb		260190003 Grand Rapids Max Allowable 82 ppb		260810020 Grand Rapids Max Allowable 82 ppb		260630007 Harbor Beach Max Allowable 82 ppb		260500003 Holland Max Allowable 73 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
84	6/7/11	87	9/2/11	86	6/7/11	88	6/7/11	81	6/8/11	73	7/1/11	83	6/7/11	86	7/20/11	78	6/7/11	88	6/11/11
80	7/1/11	85	9/1/11	91	6/7/11	87	6/7/11	80	6/7/11	77	6/6/11	80	6/7/11	81	6/8/11	72	7/1/11	96	6/7/11
79	7/19/11	85	7/21/11	86	6/8/11	84	7/19/11	79	7/20/11	74	6/8/11	73	7/16/11	79	7/16/11	71	7/16/11	96	7/20/11
74	6/1/11	81	7/17/11	82	7/20/11	83	7/17/11	77	7/16/11	73	6/7/11	71	6/6/11	78	6/7/11	70	7/17/11	82	9/3/11
71	6/9/11	77	7/16/11	80	9/2/11	79	6/9/11	75	7/17/11	73	7/16/11	70	7/10/11	75	7/17/11	65	6/9/11	82	9/3/11
71	7/10/11	76	7/18/11	79	7/16/11	79	7/17/11	73	6/6/11	71	7/31/11	69	6/8/11	70	6/8/11	61	7/20/11	82	7/17/11
69	6/6/11	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	79	8/17/11	67	7/20/11
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	69	7/18/11
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	6/6/11
63	7/8/11	67	7/21/11	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	64	8/21/11
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	6/5/11	60	7/11/11	65	7/21/11	67	7/20/11
62	7/21/11	66	7/5/11	65	6/5/11	70	7/22/11	60	6/1/11	64	7/20/11	60	6/1/11	64	7/20/11	65	6/18/11	65	6/18/11
61	6/17/11	66	7/10/11	65	6/17/11	70	7/24/11	60	6/19/11	63	5/11/11	63	6/2/11	65	6/19/11	64	6/19/11	65	6/19/11
61	7/4/11	64	6/17/11	65	7/23/11	69	7/23/11	62	7/23/11	61	7/31/11	61	7/31/11	64	7/23/11	64	7/23/11	64	7/23/11
61	7/20/11	64	6/5/11	65	8/24/11	71	8/19/11	61	8/19/11	62	8/31/11	62	8/31/11	65	7/5/11	64	6/5/11	64	6/5/11
61	9/3/11	64	6/4/11	64	6/27/11	69	7/23/11	61	7/21/11	61	7/21/11	61	7/21/11	61	7/21/11	64	6/5/11	64	6/5/11
64	7/15/11	64	6/17/11	64	6/17/11	69	7/23/11	61	7/10/11	61	7/10/11	61	7/10/11	61	7/10/11	64	7/21/11	64	7/21/11
63	6/6/11	63	6/6/11	63	7/31/11	69	8/13/11	61	7/21/11	61	7/21/11	61	7/21/11	61	7/21/11	64	7/21/11	64	7/21/11
63	7/20/11	63	6/3/11	66	7/5/11	66	7/5/11	60	6/5/11	60	6/5/11	60	6/5/11	60	6/5/11	64	7/31/11	64	7/31/11
63	6/31/11	63	6/31/11	63	6/31/11	66	7/21/11	60	6/19/11	60	6/19/11	60	6/19/11	60	6/19/11	62	6/4/11	62	6/4/11
61	6/26/11	63	6/26/11	63	7/5/11	66	7/30/11	60	7/15/11	60	7/15/11	60	7/15/11	60	7/15/11	62	6/4/11	62	6/4/11
61	8/17/11	63	7/15/11	63	7/3/11	63	7/3/11	62	5/12/11	62	5/12/11	62	5/12/11	61	6/1/11	61	6/1/11	61	6/1/11
60	8/2/11	62	9/3/11	63	6/17/11	62	6/17/11	62	5/20/11	62	5/20/11	62	5/20/11	60	6/1/11	62	5/22/11	62	5/22/11
61	5/23/11	61	5/23/11	61	5/23/11	62	5/23/11	62	7/4/11	62	7/4/11	62	7/4/11	60	6/1/11	61	7/8/11	61	7/8/11
61	6/1/11	61	6/1/11	62	5/12/11	62	5/12/11	62	7/16/11	62	7/16/11	62	7/16/11	60	5/22/11	60	5/22/11	60	5/22/11
60	6/1/11	62	5/29/11	62	5/29/11	62	5/29/11	62	8/12/11	62	8/12/11	62	8/12/11	60	6/30/11	60	6/30/11	60	6/30/11
60	6/1/11	62	5/29/11	62	5/29/11	62	5/29/11	62	8/12/11	62	8/12/11	62	8/12/11	60	6/30/11	60	6/30/11	60	6/30/11
60	6/1/11	62	5/29/11	62	5/29/11	62	5/29/11	62	8/12/11	62	8/12/11	62	8/12/11	60	6/30/11	60	6/30/11	60	6/30/11
60	6/1/11	62	5/29/11	62	5/29/11	62	5/29/11	62	8/12/11	62	8/12/11	62	8/12/11	60	6/30/11	60	6/30/11	60	6/30/11

261130001 Houghton Lake Max Allowable 97 ppb		261390005 Jenison Max Allowable 89 ppb		260770008 Kalamazoo Max Allowable 89 ppb		260650012 Lansing Max Allowable 93 ppb		261010622 Livestock (0848) 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		261107005 Port Huron 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	Value, ppb	Date	Value, ppb	Date
77	6/7/11	87	6/8/11	80	9/2/11	77	7/16/11	80	6/7/11	104	6/7/11	88	9/17/11	87	7/1/11	85	7/1/11	88	6/7/11
74	6/8/11	85	6/7/11	76	7/17/11	72	6/7/11	84	7/20/11	81	7/20/11	85	6/7/11	81	7/17/11	79	6/6/11	81	7/28/11
67	6/6/11	78	7/20/11	74	7/16/11	72	6/8/11	79	6/6/11	89	6/8/11	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	6/6/11	70	8/1/11	72	7/10/11	77	9/1/11	78	7/1/11	78	6/7/11	74	6/8/11	78	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	6/6/2011	73	6/7/11	74	6/6/11
64	5/21/11	74	9/2/11	72	9/1/11	69	6/18/11	68	6/3/11	73	7/17/11	73	6/4/11	73	7/19/11	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	70	6/6/11	72	7/17/11	73	9/2/11	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	5/11/11	64	5/22/11	68	8/17/11	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	67	7/5/11
65	6/18/11	68	7/21/11	65	6/4/11	62	7/21/11	61	5/11/11	63	7/11/11	71	7/16/11	71	7/16/11	64	9/2/11	68	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	67	6/23/11	66	7/23/11
63	7/18/11	65	6/5/11	65	6/2/11	60	7/15/11	61	6/27/11	68	5/30/11	71	9/3/11	62	5/11/11	66	8/13/11	66	8/13/11
63	6/3/11	65	6/4/11	65	9/3/11	60	7/23/11	61	5/22/11	67	6/6/11	70	6/18/11	61	5/13/11	65	7/31/11	65	7/31/11
62	7/15/11	65	7/15/11	65	7/15/11	64	7/31/11	60	7/23/11	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	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	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	60	6/13/11	60	6/24/11	64	7/21/11	65	7/24/11	61	7/21/11	61	6/11/11	61	6/11/11
60	7/24/11	64	8/24/11	60	5/21/11	60	5/21/11	64	7/16/11	66	8/13/11	61	7/29/11	61	7/29/11	61	7/16/11	61	7/16/11
60	7/28/11	62	6/19/11	60	6/1/11	60	6/1/11	63	5/12/11	65	7/21/11	60	6/3/11	60	6/3/11	60	8/19/11	60	8/19/11
60	7/28/11	62	7/15/11	62	7/15/11	60	7/21/11	60	5/31/11	66	7/5/11	69	6/30/11	60	7/5/11				
60	6/1/11	60	6/1/11	60	6/1/11	60	7/28/11	62	8/12/11	64	7/2/11	62	8/12/11	64	7/2/11	61	7/21/11	63	7/22/11
60	6/1/11	60	6/1/11	60	6/1/11	60	7/28/11	62	8/12/11	64	7/2/11	62	8/12/11	64	7/2/11	61	7/21/11	63	7/22/11
60	6/1/11	60	6/1/11	60	6/1/11	60	7/28/11	62	8/12/11	64	7/2/11	62	8/12/11	64	7/				









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

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

260890001 <b>Pashawbestown</b> Max Allowable 101 ppb		261470005 <b>Port Huron</b> Max Allowable 88 ppb		260370001 <b>Rose Lake</b> Max Allowable 105 ppb		261050007 <b>Scottville</b> Max Allowable 93 ppb		261530001 <b>Seney</b> Max Allowable 93 ppb		261630015 <b>SW HS</b> Max Allowable new site		260910007 <b>Tecumseh</b> Max Allowable 98 ppb		260991003 <b>Warren</b> Max Allowable 87 ppb		261610008 <b>Ypsilanti</b> 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	<b>96</b>	<b>5/23/07</b>	85	5/23/07	<b>96</b>	<b>8/28/07</b>	92	5/24/07			89	5/23/07	<b>100</b>	<b>7/31/07</b>	88	5/23/07
81	6/11/07	<b>93</b>	<b>6/18/07</b>	83	5/22/07	89	9/21/07	86	5/23/07			88	6/18/07	<b>95</b>	<b>8/1/07</b>	79	6/18/07
79	6/18/07	<b>92</b>	<b>8/2/07</b>	82	6/18/07	85	8/2/07	85	4/22/07			81	5/22/07	<b>95</b>	<b>5/23/07</b>	78	6/1/07
79	5/22/07	<b>89</b>	<b>5/31/07</b>	81	8/2/07	83	5/22/07	85	9/5/07			81	5/30/07	<b>91</b>	<b>6/18/07</b>	77	5/30/07
														<b>89</b>	<b>8/2/07</b>		
														<b>88</b>	<b>5/30/07</b>		
														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 <b>Allen Park</b> Max Allowable 104 ppb		260270003 <b>Cassopolis</b> Max Allowable 88 ppb		260210014 <b>Coloma</b> Max Allowable 92 ppb		261630019 <b>East Seven Mile</b> Max Allowable 90 ppb		260810022 <b>Evans</b> Max Allowable 89 ppb		260490021 <b>Flint</b> Max Allowable 92 ppb		260190003 <b>Frankfort</b> Max Allowable 90 ppb		260810020 <b>Grand Rapids</b> Max Allowable 101 ppb		260630007 <b>Harbor Beach</b> 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	<b>91</b>	6/27/05	<b>96</b>	6/24/05	88	7/21/05	<b>94</b>	6/24/05	85	8/26/05	<b>96</b>	6/23/05	91	6/24/05	86	8/8/05
78	7/10/05	88	7/10/05	<b>93</b>	6/27/05	83	7/4/05	85	6/28/05	81	5/9/05	<b>94</b>	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
<b>77</b>	<b>6/24/05</b>	<b>86</b>	<b>6/30/05</b>	<b>90</b>	<b>6/30/05</b>	<b>80</b>	<b>8/8/05</b>	<b>83</b>	<b>8/7/05</b>	<b>79</b>	<b>5/8/05</b>	<b>86</b>	<b>6/27/05</b>	<b>83</b>	<b>8/2/05</b>	<b>77</b>	<b>6/10/05</b>
		85	6/29/05	87	7/24/05							86	7/11/05				

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

260492001 <b>Otisville</b> Max Allowable 86 ppb		260890001 <b>Pashawbestown</b> Max Allowable 105 ppb		261470005 <b>Port Huron</b> Max Allowable 94 ppb		260370001 <b>Rose Lake</b> Max Allowable 98 ppb		261050007 <b>Scottville</b> Max Allowable 96 ppb		261530001 <b>Seney</b> Max Allowable 104 ppb		260910007 <b>Tecumseh</b> Max Allowable 92 ppb		260991003 <b>Warren</b> Max Allowable 82 ppb		261610008 <b>Ypsilanti</b> 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	<b>107</b>	6/24/05	83	6/29/05	<b>100</b>	6/23/05	97	6/23/05	<b>97</b>	6/27/05	<b>103</b>	6/27/05	<b>96</b>	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	<b>102</b>	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	<b>99</b>	7/4/05	84	6/26/05
<b>80</b>	<b>8/8/05</b>	<b>80</b>	<b>9/11/05</b>	<b>88</b>	<b>6/8/05</b>	<b>78</b>	<b>7/11/05</b>	<b>85</b>	<b>7/10/05</b>	<b>84</b>	<b>6/27/05</b>	<b>82</b>	<b>7/12/05</b>	<b>89</b>	<b>6/25/05</b>	<b>83</b>	<b>7/11/05</b>
				88	7/4/05									<b>88</b>	7/11/05		
														<b>87</b>	7/10/05		
														<b>86</b>	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 <b>Allen Park</b> Max Allowable 86 ppb		260270003 <b>Cassopolis</b> Max Allowable 63 ppb		260210014 <b>Coloma</b> Max Allowable 68 ppb		261630019 <b>East Seven Mile</b> Max Allowable 79 ppb		260810022 <b>Evans</b> Max Allowable 81 ppb		260490021 <b>Flint</b> Max Allowable 75 ppb		260190003 <b>Frankfort</b> Max Allowable 77 ppb		260810020 <b>Grand Rapids</b> Max Allowable 84 ppb		260630007 <b>Harbor Beach</b> 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
<b>92</b>	6/25/03	Site operated by the State of Indiana (will update when data becomes available).		<b>103</b>	6/25/03	<b>104</b>	6/23/03	<b>107</b>	8/21/03	<b>96</b>	6/25/03	<b>98</b>	6/25/03	<b>97</b>	8/21/03	<b>92</b>	8/20/03
<b>90</b>	6/24/03		<b>94</b>	6/23/03	<b>103</b>	6/24/03	<b>103</b>	6/25/03	<b>91</b>	6/24/03	<b>98</b>	6/24/03	<b>94</b>	6/25/03	<b>91</b>	6/25/03	
<b>88</b>	7/2/03		<b>90</b>	6/24/03	<b>103</b>	6/25/03	<b>94</b>	6/23/03	<b>89</b>	6/23/03	<b>93</b>	7/2/03	<b>87</b>	6/23/03	<b>88</b>	8/21/03	
<b>85</b>	6/23/03		<b>89</b>	7/4/03	<b>98</b>	7/2/03	<b>93</b>	6/24/03	<b>87</b>	7/3/03	<b>89</b>	6/23/03	<b>85</b>	6/24/03	<b>87</b>	6/24/03	
			<b>88</b>	6/22/03	<b>90</b>	7/3/03	<b>86</b>	7/3/03	<b>85</b>	7/30/03	<b>88</b>	7/3/03			<b>86</b>	7/31/03	
				<b>86</b>	6/18/03	<b>85</b>	7/31/03			<b>88</b>	6/22/03			<b>85</b>	4/14/03		

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

260492001 <b>Otisville</b> Max Allowable 74 ppb		260890001 <b>Pashawbestown</b> Max Allowable new site		261470005 <b>Port Huron</b> Max Allowable 70 ppb		260370001 <b>Rose Lake</b> Max Allowable 82 ppb		261050007 <b>Scottville</b> Max Allowable 72 ppb		261530001 <b>Seney</b> Max Allowable new site		260910007 <b>Tecumseh</b> Max Allowable 79 ppb		260991003 <b>Warren</b> Max Allowable 68 ppb		261610008 <b>Ypsilanti</b> 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
<b>103</b>	6/25/03	81	6/25/03	<b>123</b>	6/25/03	<b>96</b>	6/25/03	<b>100</b>	6/25/03	118	6/25/03	<b>112</b>	6/25/03	<b>116</b>	6/25/03	<b>107</b>	6/25/03
<b>94</b>	6/23/03	80	6/22/03	<b>100</b>	7/3/03	<b>90</b>	6/23/03	<b>99</b>	6/24/03	92	6/24/03	<b>100</b>	6/24/03	<b>106</b>	7/2/03	<b>95</b>	6/23/03
<b>94</b>	6/24/03	79	4/27/03	<b>98</b>	6/24/03	<b>89</b>	6/24/03	<b>93</b>	7/2/03	80	8/20/03	<b>90</b>	6/23/03	<b>105</b>	6/24/03	<b>94</b>	6/24/03
<b>91</b>	7/3/03	79	6/23/03	<b>87</b>	8/20/03	<b>87</b>	6/18/03	<b>88</b>	6/23/03	<b>76</b>	7/25/03	<b>89</b>	7/3/03	<b>101</b>	6/23/03	<b>92</b>	7/2/03
<b>91</b>	3/24/03			<b>86</b>	7/2/03							<b>87</b>	6/22/03	<b>91</b>	7/3/03	<b>88</b>	7/3/03
<b>87</b>	6/18/03													<b>86</b>	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 <b>Allen Park</b> Max Allowable 100 ppb		260270003 <b>Cassopolis</b> Max Allowable 80 ppb		260210014 <b>Coloma</b> Max Allowable 81 ppb		261630019 <b>East Seven Mile</b> Max Allowable 82 ppb		260810022 <b>Evans</b> Max Allowable 87 ppb		260490021 <b>Flint</b> Max Allowable 93 ppb		260190003 <b>Frankfort</b> Max Allowable 76 ppb		260810020 <b>Grand Rapids</b> Max Allowable 101 ppb		260630007 <b>Harbor Beach</b> 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	<b>91</b>	8/8/01	<b>102</b>	6/30/01	<b>97</b>	7/17/01	<b>93</b>	6/28/01	<b>103</b>	7/20/01	<b>104</b>	6/29/01	88	6/29/01	<b>117</b>	6/14/01
92	7/19/01	<b>90</b>	7/9/01	<b>99</b>	8/8/01	<b>97</b>	7/16/01	<b>92</b>	6/27/01	<b>98</b>	6/14/01	<b>104</b>	6/28/01	85	6/26/01	<b>95</b>	6/26/01
83	6/29/01	<b>89</b>	8/7/01	<b>93</b>	7/9/01	<b>94</b>	7/9/01	85	8/6/01	<b>95</b>	7/31/01	<b>94</b>	8/6/01	85	6/27/01	89	8/1/01
<b>80</b>	<b>7/18/01</b>	<b>88</b>	<b>6/29/01</b>	<b>88</b>	<b>6/13/01</b>	<b>92</b>	<b>6/28/01</b>	<b>85</b>	<b>6/26/01</b>	<b>91</b>	<b>6/25/01</b>	<b>91</b>	<b>8/1/01</b>	<b>83</b>	<b>6/30/01</b>	<b>88</b>	<b>6/27/01</b>
		<b>88</b>	6/28/01	<b>88</b>	6/28/01	<b>90</b>	7/19/01			89	6/13/01	<b>90</b>	8/8/01			86	6/13/01
		<b>86</b>	6/19/01	<b>88</b>	6/29/01	<b>89</b>	6/29/01			89	7/16/01	<b>89</b>	6/13/01				
		<b>85</b>	6/13/01	<b>87</b>	8/9/01	<b>88</b>	6/25/01			88	7/18/01	<b>86</b>	6/27/01				
				<b>87</b>	6/27/01	<b>88</b>	6/19/01			88	7/17/01						
						<b>88</b>	6/14/01			86	6/28/01						
										85	7/28/01						

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

260492001 <b>Otisville</b> Max Allowable 85 ppb		261470005 <b>Port Huron</b> Max Allowable 83 ppb		260370001 <b>Rose Lake</b> Max Allowable 93 ppb		261050007 <b>Scottville</b> Max Allowable 72 ppb		260910007 <b>Tecumseh</b> Max Allowable 89 ppb		260991003 <b>Warren</b> Max Allowable 87 ppb		261610008 <b>Ypsilanti</b> 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
<b>93</b>	7/31/01	<b>105</b>	6/29/01	<b>96</b>	6/14/01	<b>100</b>	8/1/01	<b>96</b>	7/19/01	<b>103</b>	6/28/01	<b>107</b>	7/19/01
<b>91</b>	6/14/01	<b>103</b>	6/27/01	<b>95</b>	7/20/01	<b>99</b>	8/6/01	<b>94</b>	7/20/01	<b>101</b>	7/17/01	<b>95</b>	6/14/01
<b>91</b>	7/20/01	<b>85</b>	8/9/01	91	7/18/01	<b>98</b>	6/29/01	<b>90</b>	6/14/01	<b>99</b>	7/16/01	<b>95</b>	7/20/01
<b>91</b>	7/18/01	<b>84</b>	8/6/01	<b>87</b>	6/28/01	<b>93</b>	8/8/01	<b>86</b>	6/13/01	<b>94</b>	6/29/01	<b>92</b>	6/25/01
<b>90</b>	6/25/01					<b>91</b>	6/13/01	85	6/19/01	<b>92</b>	6/14/01	<b>90</b>	6/26/01
<b>88</b>	6/26/01					<b>91</b>	6/28/01			<b>92</b>	6/25/01	<b>90</b>	6/13/01
<b>86</b>	6/13/01					<b>90</b>	6/27/01			<b>90</b>	7/19/01	<b>87</b>	7/18/01
<b>85</b>	8/1/01					<b>87</b>	8/5/01			<b>90</b>	6/27/01	<b>86</b>	6/29/01
										<b>88</b>	7/9/01	<b>85</b>	7/31/01
										<b>88</b>	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 <b>Allen Park</b> Max Allowable 90 ppb		260270003 <b>Cassopolis</b> Max Allowable 70 ppb		260210014 <b>Coloma</b> Max Allowable 67 ppb		261630019 <b>East Seven Mile</b> Max Allowable 71 ppb		260810022 <b>Evans</b> Max Allowable 75 ppb *		260490021 <b>Flint</b> Max Allowable 78 ppb		260190003 <b>Frankfort</b> Max Allowable 69 ppb		260810020 <b>Grand Rapids</b> Max Allowable 92 ppb		260630007 <b>Harbor Beach</b> 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	<b>92</b>	8/15/00	<b>98</b>	6/8/00	<b>88</b>	6/9/00	<b>102</b>	6/8/00	<b>84</b>	6/9/00	<b>108</b>	6/9/00	91	6/8/00	<b>83</b>	6/9/00
71	7/27/00	<b>90</b>	6/8/00	<b>97</b>	6/9/00	<b>86</b>	7/13/00	<b>100</b>	6/9/00	<b>79</b>	6/8/00	<b>83</b>	6/8/00	88	6/9/00	79	6/8/00
69	6/9/00	<b>89</b>	6/1/00	<b>95</b>	8/15/00	<b>83</b>	6/8/00	<b>92</b>	9/1/00	76	7/27/00	<b>82</b>	7/1/00	81	9/1/00	73	6/20/00
<b>67</b>	<b>6/8/00</b>	<b>79</b>	<b>7/27/00</b>	<b>77</b>	<b>7/26/00</b>	<b>80</b>	<b>6/10/00</b>	<b>73</b>	<b>7/26/00</b>	<b>72</b>	<b>9/1/00</b>	<b>81</b>	<b>7/26/00</b>	<b>68</b>	<b>7/26/00</b>	<b>72</b>	<b>6/14/00</b>

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

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

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

261250001 <b>Oak Park</b> Max Allowable 89 ppb		260492001 <b>Otisville</b> Max Allowable 86 ppb		261470005 <b>Port Huron</b> Max Allowable 84 ppb		260370001 <b>Rose Lake</b> Max Allowable 98 ppb		261050007 <b>Scottville</b> Max Allowable 81 ppb		260910007 <b>Tecumseh</b> Max Allowable 92 ppb		260991003 <b>Warren</b> Max Allowable 83 ppb		260550903 <b>Traverse City</b> 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
<b>93</b>	5/30/99	<b>115</b>	6/11/99	<b>104</b>	9/2/99	94	9/3/99	<b>119</b>	7/30/99	86	7/16/99	<b>103</b>	6/11/99	89	7/15/99
<b>90</b>	6/10/99	<b>98</b>	6/22/99	<b>102</b>	7/16/99	89	9/4/99	<b>105</b>	6/21/99	84	7/15/99	<b>95</b>	6/12/99	87	9/3/99
<b>90</b>	6/11/99	<b>96</b>	6/10/99	<b>98</b>	7/15/99	89	5/30/99	<b>105</b>	9/3/99	84	9/26/99	<b>90</b>	7/30/99	85	5/30/99
<b>88</b>	<b>6/12/99</b>	<b>95</b>	<b>9/3/99</b>	<b>91</b>	<b>5/30/99</b>	<b>87</b>	<b>6/21/99</b>	<b>101</b>	<b>5/30/99</b>	<b>83</b>	<b>7/14/99</b>	<b>90</b>	<b>9/2/99</b>	<b>83</b>	<b>6/22/99</b>
85	7/15/99	<b>95</b>	6/23/99	<b>91</b>	9/3/99	87	6/23/99	<b>100</b>	6/23/99			<b>88</b>	5/30/99		
85	7/30/99	<b>93</b>	9/2/99	<b>90</b>	6/12/99			<b>100</b>	6/22/99			<b>87</b>	9/3/99		
		<b>93</b>	6/5/99	<b>87</b>	7/14/99			<b>99</b>	6/11/99			<b>85</b>	5/29/99		
		<b>89</b>	9/4/99	<b>87</b>	9/4/99			<b>95</b>	9/2/99						
		<b>88</b>	7/15/99					<b>95</b>	6/10/99						
		86	5/30/99					<b>90</b>	7/16/99						
		86	6/21/99					<b>89</b>	9/4/99						
		85	6/12/99					<b>88</b>	5/4/99						
								<b>85</b>	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 <b>Harbor Beach</b> Max Allowable 90 ppb		260050003 <b>Holland</b> Max Allowable 68 ppb		261130001 <b>Houghton Lake</b> Max Allowable new site		261390005 <b>Jenison</b> Max Allowable 83 ppb		260770008 <b>Kalamazoo</b> Max Allowable 83 ppb		260650012 <b>Lansing</b> Max Allowable 92 ppb		261630016 <b>Linwood</b> Max Allowable 95 ppb		261210039 <b>Muskegon</b> Max Allowable 71 ppb		260990009 <b>New Haven</b> 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	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 <b>Oak Park</b> Max Allowable 103 ppb		260492001 <b>Otisville</b> Max Allowable 89 ppb		260812001 <b>Parnell</b> Max Allowable 85 ppb		261470005 <b>Port Huron</b> Max Allowable 84 ppb		260370001 <b>Rose Lake</b> Max Allowable 107 ppb		261050007 <b>Scottville</b> Max Allowable 69 ppb *		260910007 <b>Tecumseh</b> Max Allowable 92 ppb		260550903 <b>Traverse City</b> Max Allowable new site		260991003 <b>Warren</b> 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
<b>101</b>	7/13/97	<b>100</b>	6/21/97	<b>87</b>	6/28/97	<b>102</b>	7/17/97	<b>103</b>	6/29/97	<b>99</b>	7/25/97	<b>87</b>	7/13/97	<b>98</b>	6/29/97	<b>89</b>	7/12/97
<b>97</b>	7/12/97	84	7/12/97	80	6/29/97	<b>94</b>	6/29/97	<b>100</b>	7/12/97	<b>98</b>	7/12/97	84	8/9/97	<b>90</b>	7/13/97	<b>87</b>	6/29/97
<b>93</b>	7/25/97	80	7/13/97	75	7/12/97	<b>90</b>	5/24/97	<b>99</b>	7/16/97	<b>95</b>	7/13/97	83	6/29/97	<b>89</b>	7/12/97	81	6/28/97
<b>88</b>	6/10/97	<b>75</b>	7/25/97	<b>75</b>	7/13/97	<b>90</b>	8/1/97	<b>99</b>	8/1/97	<b>88</b>	6/28/97	81	7/12/97	<b>78</b>	6/23/97	<b>79</b>	6/24/97
<b>88</b>	6/24/97					<b>89</b>	6/28/97	<b>95</b>	5/24/97								
						<b>88</b>	7/12/97	<b>93</b>	6/28/97								
						<b>88</b>	7/26/97	<b>93</b>	7/17/97								
								<b>89</b>	6/13/97								
								<b>87</b>	6/23/97								
								<b>86</b>	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
<b>93</b>	6/29/97	<b>104</b>	8/1/97	<b>92</b>	6/29/97	<b>91</b>	6/29/97	<b>89</b>	6/29/97	<b>94</b>	6/23/97	<b>103</b>	6/12/97	<b>100</b>	7/13/97	<b>110</b>	7/12/97
<b>91</b>	6/28/97	<b>101</b>	6/29/97	<b>91</b>	6/11/97	<b>86</b>	5/24/97	80	6/11/97	<b>88</b>	6/22/97	<b>101</b>	6/29/97	<b>99</b>	6/29/97	<b>109</b>	7/13/97
80	7/12/97	<b>100</b>	7/16/97	<b>90</b>	7/12/97	<b>86</b>	6/28/97	79	6/28/97	84	6/6/97	<b>95</b>	6/23/97	<b>85</b>	7/12/97	<b>99</b>	7/25/97
<b>79</b>	7/13/97	<b>95</b>	6/23/97	<b>86</b>	7/16/97	<b>85</b>	8/1/97	<b>76</b>	7/13/97	<b>79</b>	7/12/97	<b>91</b>	7/12/97	<b>85</b>	7/16/97	<b>91</b>	6/10/97
		<b>94</b>	6/28/97	<b>85</b>	6/23/97							<b>90</b>	7/13/97	<b>85</b>	8/1/97	<b>90</b>	8/8/97
		<b>92</b>	7/12/97	<b>85</b>	6/28/97							<b>85</b>	6/11/97			<b>86</b>	6/29/97
		<b>85</b>	7/14/97													<b>85</b>	6/28/97
		<b>85</b>	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
<b>87</b>	7/12/97	<b>95</b>	6/29/97	<b>88</b>	7/12/97	<b>97</b>	7/12/97	81	6/11/97	<b>87</b>	6/28/97	<b>108</b>	7/12/97
77	7/25/97	<b>90</b>	7/13/97	83	6/28/97	<b>92</b>	7/13/97	80	6/29/97	80	8/1/97	<b>95</b>	7/25/97
76	6/11/97	<b>90</b>	8/9/97	83	8/1/97	<b>88</b>	7/14/97	79	6/10/97	77	6/24/97	<b>94</b>	7/13/97
<b>76</b>	7/13/97	84	7/12/97	<b>82</b>	6/11/97	83	6/24/97	<b>78</b>	7/12/97	<b>76</b>	7/13/97	<b>91</b>	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
<b>107</b>	6/18/94	<b>102</b>	6/18/94	<b>88</b>	5/22/94	<b>106</b>	5/22/94	<b>90</b>	6/18/94	<b>108</b>	8/18/94	<b>86</b>	6/18/94	<b>94</b>	9/12/94	<b>119</b>	6/17/94
<b>104</b>	6/16/94	<b>91</b>	6/17/94	<b>86</b>	6/18/94	<b>95</b>	6/5/94	<b>90</b>	5/30/94	<b>98</b>	5/22/94	82	6/5/94	<b>86</b>	5/21/94	<b>100</b>	6/18/94
<b>102</b>	5/22/94	84	5/22/94	80	7/4/94	<b>91</b>	6/18/94	<b>87</b>	5/22/94	<b>96</b>	6/18/94	80	7/4/94	<b>85</b>	9/15/94	<b>86</b>	7/20/94
<b>95</b>	7/7/94	<b>74</b>	6/5/94	<b>79</b>	6/5/94	<b>90</b>	9/14/94	<b>86</b>	5/21/94	<b>94</b>	6/17/94	<b>77</b>	6/16/94	<b>84</b>	5/30/94	<b>84</b>	8/18/94
<b>90</b>	6/17/94					<b>90</b>	6/17/94	<b>86</b>	6/5/94	<b>86</b>	6/16/94						
<b>89</b>	8/27/94					<b>90</b>	5/30/94	<b>85</b>	6/17/94	<b>85</b>	6/5/94						
						<b>88</b>	5/21/94										
						<b>88</b>	6/16/94										
						<b>86</b>	7/12/94										
						<b>85</b>	5/29/94										
						<b>85</b>	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
<b>100</b>	6/15/94	<b>99</b>	6/18/94	<b>101</b>	6/17/94	<b>92</b>	5/22/94	<b>93</b>	5/22/94	<b>90</b>	5/22/94	<b>108</b>	6/18/94	<b>98</b>	6/17/94	<b>105</b>	7/6/94
<b>96</b>	6/16/94	<b>94</b>	6/5/94	<b>98</b>	6/18/94	79	5/21/94	<b>89</b>	6/5/94	83	6/5/94	<b>93</b>	5/22/94	<b>95</b>	7/5/94	<b>91</b>	6/15/94
<b>90</b>	7/19/94	<b>93</b>	6/17/94	<b>90</b>	6/5/94	79	6/17/94	83	5/30/94	81	6/4/94	<b>92</b>	8/18/94	<b>85</b>	6/5/94	<b>91</b>	7/16/94
<b>82</b>	6/18/94	<b>92</b>	7/1/94	<b>86</b>	7/1/94	<b>77</b>	9/12/94	<b>82</b>	7/12/94	<b>80</b>	6/17/94	<b>92</b>	6/17/94	<b>85</b>	7/16/94	<b>90</b>	6/5/94
		<b>89</b>	6/15/94	<b>86</b>	7/20/94									<b>85</b>	9/12/94	<b>90</b>	9/13/94
		<b>89</b>	9/13/94	<b>85</b>	5/22/94											<b>90</b>	7/20/94
		<b>88</b>	5/22/94													<b>90</b>	8/24/94
		<b>87</b>	5/30/94													<b>89</b>	5/22/94
		<b>86</b>	7/20/94													<b>88</b>	6/18/94
		<b>86</b>	8/1/94													<b>87</b>	5/30/94
		<b>85</b>	8/19/94													<b>87</b>	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
<b>122</b>	5/22/94	<b>100</b>	6/18/94	<b>92</b>	5/22/94	<b>88</b>	6/17/94	<b>107</b>	6/16/94	<b>92</b>	5/22/94	<b>96</b>	5/22/94	<b>103</b>	6/18/94
<b>115</b>	6/16/94	<b>89</b>	5/22/94	79	6/5/94	<b>86</b>	5/22/94	<b>98</b>	6/18/94	82	6/5/94	<b>88</b>	6/5/94	<b>99</b>	6/16/94
<b>102</b>	6/18/94	<b>89</b>	6/17/94	75	6/16/94	<b>85</b>	6/5/94	<b>86</b>	5/22/94	79	6/18/94	<b>87</b>	6/18/94	<b>97</b>	8/18/94
<b>97</b>	5/21/94	<b>87</b>	8/18/94	<b>73</b>	5/21/94	<b>84</b>	6/18/94	<b>86</b>	5/30/94	<b>78</b>	6/4/94	<b>84</b>	9/16/94	<b>87</b>	5/22/94
<b>94</b>	6/5/94	<b>86</b>	8/3/94					<b>86</b>	7/7/94						
<b>92</b>	7/7/94							<b>85</b>	6/5/94						
<b>85</b>	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
<b>92</b>	6/24/93	<b>87</b>	6/24/93	<b>96</b>	6/24/93	<b>92</b>	6/17/93	80	8/26/93	<b>104</b>	8/14/93	<b>95</b>	6/24/93	<b>99</b>	6/24/93	<b>90</b>	5/9/93
<b>87</b>	6/17/93	79	6/17/93	<b>87</b>	5/10/93	84	5/9/93	80	5/9/93	<b>95</b>	6/17/93	80	6/13/93	<b>86</b>	6/17/93	<b>86</b>	8/30/93
<b>86</b>	8/14/93	74	8/25/93	84	6/17/93	84	6/24/93	79	6/17/93	<b>91</b>	6/24/93	61	6/14/93	<b>86</b>	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
<b>107</b>	8/26/93	<b>87</b>	6/24/93	<b>105</b>	8/26/93	<b>90</b>	6/17/93	<b>91</b>	6/17/93	<b>87</b>	6/17/93	<b>88</b>	6/24/93	<b>92</b>	8/13/93	<b>105</b>	8/30/93
<b>87</b>	5/9/93	80	8/26/93	<b>93</b>	6/17/93	<b>87</b>	5/9/93	<b>90</b>	5/9/93	84	8/13/93	72	8/25/93	75	6/24/93	<b>98</b>	6/17/93
83	6/24/93	78	7/4/93	<b>85</b>	5/9/93	81	5/10/93	<b>89</b>	5/10/93	84	6/24/93	68	6/13/93	70	8/8/93	<b>96</b>	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	<b>91</b>	8/27/93
																<b>90</b>	8/26/93
																<b>89</b>	6/24/93
																<b>89</b>	8/23/93
																<b>87</b>	6/13/93
																<b>86</b>	7/17/93
																<b>85</b>	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
<b>106</b>	6/24/93	<b>109</b>	8/26/93	<b>98</b>	6/17/93	<b>93</b>	6/17/93	<b>111</b>	6/24/93	<b>93</b>	8/26/93	<b>96</b>	8/14/93	80	5/9/93	<b>87</b>	5/9/93
<b>90</b>	6/17/93	<b>95</b>	6/17/93	<b>96</b>	6/24/93	84	6/24/93	<b>88</b>	6/17/93	83	6/17/93	<b>92</b>	6/17/93	75	6/24/93	<b>85</b>	5/8/93
70	6/13/93	<b>89</b>	5/9/93	<b>93</b>	7/2/93	76	8/13/93	<b>85</b>	8/12/93	81	5/9/93	<b>91</b>	7/2/93	75	5/8/93	83	6/24/93
68	7/5/93	83	8/23/93	<b>85</b>	7/23/93	75	8/25/93	71	8/9/93	78	5/10/93	<b>87</b>	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
<b>91</b>	5/9/93	79	8/12/93	<b>102</b>	6/24/93
<b>88</b>	6/17/93	76	8/23/93	<b>96</b>	6/17/93
<b>88</b>	6/24/93	75	8/13/93	<b>95</b>	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
<b>95</b>	6/13/92	82	6/13/92	<b>90</b>	5/21/92	<b>100</b>	7/1/92	72	8/9/92	<b>106</b>	5/21/92	<b>87</b>	8/22/92	<b>112</b>	6/4/92	<b>86</b>	8/22/92
<b>86</b>	5/12/92	73	8/22/92	<b>85</b>	8/22/92	<b>99</b>	6/13/92	72	8/22/92	<b>94</b>	7/1/92	84	5/21/92	<b>85</b>	8/23/92	73	6/17/92
<b>85</b>	5/21/92	71	5/21/92	81	6/30/92	<b>95</b>	6/14/92	71	8/7/92	<b>93</b>	8/22/92	84	5/12/92	83	8/24/92	72	8/7/92
81	6/12/92	<b>70</b>	8/7/92	<b>76</b>	6/13/92	<b>93</b>	6/30/92	<b>64</b>	8/8/92	<b>92</b>	6/30/92	<b>77</b>	6/29/92	<b>77</b>	9/13/92	<b>69</b>	7/1/92
						<b>92</b>	6/29/92			<b>90</b>	5/11/92						
						<b>88</b>	5/11/92			<b>87</b>	6/29/92						
						<b>88</b>	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
<b>85</b>	8/22/92	<b>90</b>	6/13/92	67	9/16/92	<b>97</b>	7/1/92	<b>110</b>	7/1/92	<b>104</b>	7/1/92	<b>101</b>	7/1/92	<b>92</b>	5/11/92	<b>87</b>	5/21/92
75	8/21/92	82	7/1/92	63	9/7/92	<b>93</b>	6/13/92	<b>104</b>	6/13/92	<b>93</b>	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	<b>89</b>	6/29/92	<b>92</b>	6/29/92	<b>87</b>	6/3/92	78	5/11/92	82	5/16/92	80	8/22/92
72	8/25/92	<b>78</b>	5/22/92	<b>58</b>	9/15/92	<b>80</b>	5/22/92	<b>90</b>	6/3/92	<b>87</b>	6/29/92	<b>77</b>	6/13/92	<b>81</b>	5/21/92	<b>78</b>	5/16/92
								<b>88</b>	6/12/92	<b>85</b>	5/11/92						
								<b>87</b>	6/30/92								
								<b>85</b>	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	<b>86</b>	5/22/92	<b>112</b>	6/13/92	<b>87</b>	6/29/92	<b>90</b>	6/13/92	75	5/21/92	<b>92</b>	6/13/92	<b>98</b>	6/13/92	<b>86</b>	6/4/92
77	6/29/92	<b>85</b>	6/3/92	<b>99</b>	5/22/92	<b>85</b>	6/13/92	82	8/22/92	72	5/11/92	<b>87</b>	7/1/92	<b>94</b>	5/12/92	81	5/20/92
71	5/21/92	84	5/11/92	<b>95</b>	7/1/92	82	8/22/92	82	7/25/92	71	8/22/92	<b>86</b>	6/12/92	<b>87</b>	5/22/92	80	5/21/92
<b>68</b>	5/12/92	83	6/4/92	<b>86</b>	5/11/92	82	7/25/92	81	5/21/92	<b>71</b>	8/6/92	82	5/11/92	75	8/21/92	<b>73</b>	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
<b>86</b>	6/4/92	<b>105</b>	7/1/92	84	6/13/92	<b>93</b>	5/11/92	<b>89</b>	5/21/92
82	5/20/92	<b>86</b>	5/11/92	84	5/21/92	<b>88</b>	5/21/92	84	6/13/92
82	5/21/92	<b>86</b>	5/21/92	83	6/30/92	<b>85</b>	6/17/92	83	8/22/92
<b>75</b>	5/16/92	83	6/3/92	<b>78</b>	5/11/92	81	5/20/92	81	5/12/92