

**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 4th highest 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 6/13/24										7/28/24										Allegan Co NA 6/15/24									
26130001 Allen Park Max Allowable 69 ppb		260270003 Cassopolis Max Allowable 69 ppb		260210014 Coloma Max Allowable 60 ppb		261530019 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		260500003 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	7/8/24	67	6/13/24	65	6/11/24	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	6/12/24	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	9/18/24	65	9/19/24	68	8/24/24	62	6/17/24	60	6/30/24	62	9/19/24	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	6/12/24	65	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	67	5/24/24	60	5/22/24	66	7/8/24										
63	7/15/24	62	9/17/24	63	6/21/24	65	7/31/24	65	7/31/24	60	6/19/24	62	6/19/24	60	7/9/24	65	6/20/24	65	7/14/24										
63	7/21/24	61	5/18/24	63	7/13/24	65	9/5/24	65	9/5/24	66	6/7/24	67	7/31/24	64	7/5/24	64	7/5/24	64	7/5/24										
63	8/30/24	61	6/29/24	63	10/11/24	65	9/11/24	65	9/11/24	64	6/21/24	64	6/21/24	64	6/17/24	64	7/31/24	64	7/31/24										
63	9/1/24	60	5/20/24	62	7/23/24	64	5/19/24	64	5/19/24	64	5/19/24	64	5/19/24	64	5/13/24	63	5/13/24	63	5/13/24										
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	61	9/12/24	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	5/13/24	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	7/31/24	60	7/31/24	63	6/17/24	63	6/17/24	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	8/25/24	60	8/25/24	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	9/17/24	60	9/17/24	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	9/11/24	60	9/11/24	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	9/11/24	60	9/11/24	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	8/26/24	60	8/26/24	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	61	8/4/24	61	8/4/24	62	7/23/24	62	7/23/24	61	9/13/24	61	9/13/24	61	9/13/24										
										62	9/14/24	62	9/14/24	60	8/24/24	60	8/24/24	60	8/24/24										
										62	9/16/24	62	9/16/24	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	6/24/24	56	6/24/24	56	6/24/24										
														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 5/12/24																			
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		261010522 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	5/18/24	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
61	5/31/24	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	66	8/26/24	70	7/31/24	68	7/8/24	60	5/22/24	67	7/8/24
		67	7/15/24	61	5/18/24	61	5/18/24	65	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	7/28/24
		66	6/19/24	61	7/31/24	65	5/31/24	63	6/16/24	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	60	5/20/24	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	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	60	9/17/24	60	9/17/24	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	60	9/17/24	60	9/17/24	61	6/19/24	62	7/14/24	61	5/19/24	64	9/11/24	63	5/13/24	63	5/13/24
		63	9/13/24	60	9/17/24	60	9/17/24	61	8/24/24	62	9/18/24	61	6/13/24	63	6/13/24	63	7/9/24	63	7/9/24
		62	5/24/24	60	9/17/24	60	9/17/24	61	10/22/24	61	9/18/24	61	7/8/24	63	8/9/24	63	7/13/24	63	7/13/24
		62	5/31/24	60	9/17/24	60	9/17/24	60	5/12/24	61	5/24/24	61	7/28/24	63	6/21/24	63	8/23/24	63	8/23/24
		62	7/31/24	60	9/17/24	60	9/17/24	60	5/21/24	61	5/31/24	61	9/5/24	63	7/31/24	62	5/1/24	62	5/1/24
		62	8/24/24	60	9/17/24	60													