

1-Hour Sulfur Dioxide National Ambient Air Quality Standard per Year and 3-Year Averages

updated 8/19/2021

Concentration in ppb

AIRS ID	260810020		261630001		261630015		261470005		260650012/18		261150006		261390011		261630097		261630098		261630099		261630100	
Site	Grand Rapids		Allen Park		Detroit - SW		Port Huron		Lansing		Sterling State Park		West Olive		NMH 48217		DP4th Precinct		Trinity		Military Park	
Year	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg
2005					125	126																
2006	18				130	128	143	140														
2007	15				111	122																
2008	12.6	15	70		101	114																
2009	12.7	13	41.9		79	97																
2010	17.8	14	57.2	56	107	96																
2011	8.4	13	46.7	49	84	90																
2012	9.7	12	48.9	51	80.2	90	73.6		20													
2013	10.2	9	43.1	46	65.6	77	72.6		19		18.4											
2014	11	10	55.6	49	71.5	72	62.3	70	14.7	18	17.9											
2015	9.8	10	33.6	44	55.2	64	76	70	13.4	16	17.6	18	32.9									
2016	5.8	9	25.5	38	58.5	62	51.8	63	9.8	13	13.6	16	20									
2017	4	7	23.4	28	70.4	61	55.2	61	7.9	10	8.0	13	20.5	24	27.8							
2018	4.4	5	20.3	23	67.0	65	82.1	63	5.7	8	4.2	9	12.8	18	25.1		18.5		22.9		41.5	
2019	2.4	4	21.5	22	60.7	69	63.9	67	3.5	6	8.8	7	13.6	16	26.6	27	18.9		26		31.9	
2020	2.7	3	14.7	19	43.3	57	76.4	74	4.2	4	6.9	7	15.2	14	17.0	23	17.0	18	16.1	22	32.5	35

The sulfur dioxide NAAQS is met when the 99th percentile of the 1-hour concentration averaged over a 3-year period does not exceed 75 ppb.

In 2010 the EPA changed sulfur dioxide standard from an annual standard to a 1-hour standard.

Red numbers indicate concentrations above the NAAQS.

Green numbers indicate an incomplete year of data.