

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

updated 3/3/2023

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		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
<b>2005</b>					<b>125</b>	<b>126</b>																
<b>2006</b>	18				<b>130</b>	<b>128</b>	143	140														
<b>2007</b>	15				<b>111</b>	<b>122</b>																
<b>2008</b>	12.6	15	70		<b>101</b>	<b>114</b>																
<b>2009</b>	12.7	13	41.9		<b>79</b>	<b>97</b>																
<b>2010</b>	17.8	14	57.2	56	<b>107</b>	<b>96</b>																
<b>2011</b>	8.4	13	46.7	49	<b>84</b>	<b>90</b>																
<b>2012</b>	9.7	12	48.9	51	<b>80.2</b>	<b>90</b>	73.6		20													
<b>2013</b>	10.2	9	43.1	46	65.6	<b>77</b>	72.6		19		18.4											
<b>2014</b>	11	10	55.6	49	71.5	72	62.3	70	14.7	18	17.9											
<b>2015</b>	9.8	10	33.6	44	55.2	64	76	70	13.4	16	17.6	18	32.9									
<b>2016</b>	5.8	9	25.5	38	58.5	62	51.8	63	9.8	13	13.6	16	20									
<b>2017</b>	4	7	23.4	28	70.4	61	55.2	61	7.9	10	8.0	13	20.5	24	27.8							
<b>2018</b>	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			
<b>2019</b>	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	
<b>2020</b>	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	32
<b>2021</b>	4.5	3	13.8	17	37.3	47	70.8	70	4.5	4	--	--	--	--	14.3	19	15.5	17	19.6	21	21.6	29
<b>2022</b>	3.4	4	24.2	18	43.2	41	108.2	85	5.5	5	--	--	--	--	16.8	16	16.4	16	20.0	19	31.1	28

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.