

## 99th Percentile of 1-Hour Sulfur Dioxide per Year and 3-Year Averages

updated 6/3/2019

Concentration in ppb

Year	260810020		261630001		261630015		261470005		260650012/18		261150006		261390011		261630097	
	Grand Rapids		Allen Park		Detroit - W. Fort		Port Huron		Lansing		Sterling State Park		West Olive		NMH 48217	
	99th	Avg	99th	Avg	99th	Avg	99th	Avg	99th	Avg	99th	Avg	99th	Avg	99th	Avg
<b>2005</b>					125	<b>125.667</b>										
<b>2006</b>	18				130	<b>128.3</b>	143	140.0								
<b>2007</b>	15				111	<b>122.0</b>										
<b>2008</b>	12.6	15.2	70		101	<b>114.0</b>										
<b>2009</b>	12.7	13.4	41.9		79	<b>97.0</b>										
<b>2010</b>	17.8	14.4	57.2	56.4	107	<b>95.7</b>										
<b>2011</b>	8.4	13.0	46.7	48.6	84	<b>90.0</b>										
<b>2012</b>	9.7	12.0	48.9	50.9	80.2	<b>90.4</b>	73.6		20							
<b>2013</b>	10.2	9.4	43.1	46.2	65.6	<b>76.6</b>	72.6		19		18.4					
<b>2014</b>	11	10.3	55.6	49.2	71.5	72.4	62.3	69.5	14.7	17.9	17.9					
<b>2015</b>	9.8	10.3	33.6	44.1	55.2	64.1	76	70.3	13.4	15.7	17.6	18.0	32.9			
<b>2016</b>	5.8	8.9	25.5	38.2	58.5	61.7	51.8	63.4	9.8	12.6	13.6	16.4	20			
<b>2017</b>	4	6.5	23.4	27.5	70.4	61.4	55.2	61.0	7.9	10.4	8.0	13.1	20.5	24.5	27.8	
<b>2018</b>	4.4	4.7	20.3	23.1	74.9	67.9	82.1	63.0	5.7	7.8	4.2	8.6	12.8	17.8	25.1	

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.