

**Projected Sulfur Dioxide Concentrations in 2020  
(average 1-Hour 99th Percentiles over 3 Years)**

(Projected from 2005 - 2007 Monitoring Data)  
(Includes only counties with monitors)

	<b>Does not violate proposed range, 50 - 100 ppb</b>		
	<b>Violates lowest of proposed range, 50 ppb</b>		
	<b>Violates middle of proposed range, 75 ppb</b>		
	<b>Violates highest of proposed range, 100 ppb</b>		
<b>State</b>	<b>County</b>	<b>Projected 2020 Design Value (average 99th percentile)</b>	
Alabama	Jefferson	17.0	
<b>Arizona</b>	<b>Gila</b>	<b>297.0</b>	
Arizona	Maricopa	5.0	
Arizona	Pima	13.0	
Arkansas	Pulaski	4.0	
California	Contra Costa	19.0	
California	Imperial	16.0	
California	Los Angeles	10.0	
California	Orange	3.0	
California	Sacramento	3.0	
California	San Bernardino	29.0	
California	San Diego	9.0	
California	San Francisco	11.0	
California	Santa Barbara	6.0	
California	Solano	8.0	
Colorado	Denver	28.0	
Connecticut	Fairfield	28.0	
Connecticut	New Haven	47.0	
Delaware	New Castle	60.0	
Florida	Broward	26.0	
Florida	Duval	29.0	
Florida	Escambia	34.0	
Florida	Hamilton	19.0	
Florida	Hillsborough	50.0	
Florida	Orange	4.0	
Florida	Pinellas	37.0	
Florida	Putnam	18.0	
<b>Georgia</b>	<b>Chatham</b>	<b>135.0</b>	
Georgia	Floyd	12.0	
Georgia	Fulton	39.0	
Idaho	Bannock	65.0	
<b>Illinois</b>	<b>Cook</b>	<b>102.0</b>	
Illinois	Macon	45.0	
Illinois	Macoupin	12.0	
Illinois	Madison	98.0	
Illinois	Peoria	50.0	

Illinois	Randolph	24.0
Illinois	Sangamon	72.0
Illinois	St. Clair	61.0
<b>Illinois</b>	<b>Tazewell</b>	<b>149.0</b>
Illinois	Wabash	51.0
Illinois	Will	62.0
Indiana	Daviess	41.0
Indiana	Dearborn	39.0
Indiana	Floyd	69.0
Indiana	Fountain	54.0
Indiana	Gibson	37.0
Indiana	Hendricks	22.0
Indiana	Jasper	60.0
Indiana	Lake	95.0
Indiana	LaPorte	29.0
Indiana	Marion	50.0
Indiana	Morgan	59.0
Indiana	Pike	7.0
Indiana	Porter	66.0
Indiana	Spencer	25.0
Indiana	Vanderburgh	27.0
Indiana	Vigo	39.0
Indiana	Warrick	54.0
<b>Indiana</b>	<b>Wayne</b>	<b>133.0</b>
Iowa	Cerro Gordo	13.0
Iowa	Clinton	45.0
Iowa	Linn	91.0
<b>Iowa</b>	<b>Muscatine</b>	<b>125.0</b>
Iowa	Scott	22.0
Iowa	Van Buren	9.0
Kansas	Montgomery	16.0
Kansas	Sumner	5.0
Kansas	Trego	2.0
Kansas	Wyandotte	51.0
Kentucky	Boyd	12.0
Kentucky	Daviess	29.0
Kentucky	Greenup	10.0
Kentucky	Jefferson	78.0
Kentucky	Livingston	61.0
Kentucky	McCracken	30.0
Louisiana	Bossier	15.0
Louisiana	Calcasieu	41.0
Louisiana	East Baton Rouge	64.0
Louisiana	Ouachita	21.0
Maine	Hancock	6.0
Maryland	Baltimore	44.0
Massachusetts	Bristol	18.0
Massachusetts	Hampden	31.0
Massachusetts	Hampshire	13.0
Massachusetts	Suffolk	25.0
Massachusetts	Worcester	19.0

Minnesota	Anoka	10.0
Minnesota	Dakota	7.0
Missouri	Greene	82.0
Missouri	Jackson	139.0
Missouri	Jefferson	317.0
Missouri	St. Louis	37.0
Missouri	St. Louis City	51.0
Montana	Yellowstone	61.0
Nebraska	Douglas	66.0
Nevada	Clark	10.0
New Hampshire	Hillsborough	20.0
New Hampshire	Merrimack	47.0
New Hampshire	Rockingham	30.0
New Jersey	Atlantic	13.0
New Jersey	Bergen	20.0
New Jersey	Burlington	16.0
New Jersey	Camden	18.0
New Jersey	Cumberland	11.0
New Jersey	Gloucester	15.0
New Jersey	Hudson	32.0
New Jersey	Middlesex	17.0
New Jersey	Morris	19.0
New Jersey	Union	34.0
New Mexico	Eddy	4.0
New Mexico	Grant	3.0
New Mexico	San Juan	70.0
New York	Albany	31.0
New York	Chautauqua	51.0
New York	Chemung	24.0
New York	Erie	90.0
New York	Essex	10.0
New York	Franklin	9.0
New York	Hamilton	10.0
New York	Herkimer	35.0
New York	Madison	52.0
New York	Monroe	51.0
New York	New York	43.0
New York	Niagara	17.0
New York	Onondaga	33.0
New York	Putnam	15.0
New York	Queens	29.0
New York	Schenectady	23.0
New York	Suffolk	38.0
New York	Ulster	16.0
North Carolina	Beaufort	48.0
North Carolina	New Hanover	72.0
North Dakota	Billings	4.0
North Dakota	Burke	33.0
North Dakota	Cass	7.0
North Dakota	Dunn	3.0
North Dakota	McKenzie	41.0

North Dakota	Mercer	14.0
North Dakota	Oliver	20.0
North Dakota	Williams	40.0
Ohio	Adams	16.0
Ohio	Allen	30.0
Ohio	Ashtabula	36.0
Ohio	Butler	29.0
Ohio	Clark	64.0
Ohio	Columbiana	40.0
Ohio	Cuyahoga	51.0
Ohio	Franklin	13.0
Ohio	Hamilton	52.0
Ohio	Jefferson	49.0
<b>Ohio</b>	<b>Lake</b>	<b>103.0</b>
Ohio	Lawrence	12.0
Ohio	Lucas	34.0
Ohio	Mahoning	39.0
Ohio	Meigs	32.0
Ohio	Scioto	15.0
<b>Ohio</b>	<b>Summit</b>	<b>171.0</b>
Ohio	Tuscarawas	34.0
Oklahoma	Kay	19.0
Oklahoma	Muskogee	53.0
Oklahoma	Oklahoma	4.0
Oklahoma	Tulsa	22.0
Pennsylvania	Allegheny	25.0
Pennsylvania	Beaver	46.0
Pennsylvania	Blair	52.0
Pennsylvania	Bucks	22.0
Pennsylvania	Cambria	11.0
Pennsylvania	Centre	12.0
Pennsylvania	Dauphin	18.0
Pennsylvania	Erie	30.0
Pennsylvania	Indiana	15.0
Pennsylvania	Lackawanna	22.0
Pennsylvania	Lancaster	22.0
Pennsylvania	Lawrence	37.0
Pennsylvania	Lehigh	27.0
Pennsylvania	Lycoming	8.0
Pennsylvania	Mercer	28.0
Pennsylvania	Montgomery	19.0
Pennsylvania	Northampton	88.0
Pennsylvania	Perry	7.0
Pennsylvania	Philadelphia	19.0
Pennsylvania	Schuylkill	12.0
<b>Pennsylvania</b>	<b>Warren</b>	<b>246.0</b>
Pennsylvania	Washington	28.0
Pennsylvania	Westmoreland	12.0
Pennsylvania	York	34.0
South Carolina	Barnwell	15.0
South Carolina	Charleston	19.0

South Carolina	Georgetown	16.0
South Carolina	Greenville	19.0
<b>South Carolina</b>	<b>Lexington</b>	<b>80.0</b>
South Carolina	Oconee	19.0
South Carolina	Richland	21.0
South Dakota	Custer	4.0
South Dakota	Jackson	2.0
South Dakota	Minnehaha	16.0
Tennessee	Blount	68.0
<b>Tennessee</b>	<b>Bradley</b>	<b>84.0</b>
Tennessee	Davidson	20.0
<b>Tennessee</b>	<b>Montgomery</b>	<b>143.0</b>
Tennessee	Shelby	63.0
<b>Tennessee</b>	<b>Sullivan</b>	<b>169.0</b>
Texas	Dallas	11.0
Texas	El Paso	13.0
Texas	Galveston	40.0
Texas	Gregg	48.0
Texas	Harris	58.0
<b>Texas</b>	<b>Jefferson</b>	<b>80.0</b>
Texas	Kaufman	14.0
Texas	Nueces	23.0
Utah	Davis	34.0
Utah	Salt Lake	49.0
Vermont	Rutland	48.0
Virginia	Alexandria	15.0
Virginia	Charles City	36.0
Virginia	Fairfax	17.0
Virginia	Hampton	44.0
Virginia	Richmond City	24.0
Virginia	Rockingham	14.0
West Virginia	Brooke	46.0
West Virginia	Cabell	8.0
<b>West Virginia</b>	<b>Hancock</b>	<b>54.0</b>
West Virginia	Kanawha	26.0
West Virginia	Marshall	47.0
West Virginia	Monongalia	41.0
West Virginia	Wood	42.0
Wisconsin	Brown	71.0
<b>Wisconsin</b>	<b>Oneida</b>	<b>183.0</b>

Very high SO<sub>2</sub> concentrations observed in Hawaii are due to SO<sub>2</sub> emissions from active volcanos; under EPA's exceptional event rule SO<sub>2</sub> concentrations from such natural events would not be used for regulatory purposes including nonattainment designations.

Concentrations in parts per billion are truncated to one decimal place.

Data are shown for monitors that met the following criteria: 75% of the day has valid hourly values, 75% of the days in a quarter are valid, and all 4 quarters for each of the three years are valid.