

**Sulfur Dioxide Concentrations by County  
(average 1-Hour 99th Percentiles over 3 Years)**

(Based on Monitored Air Quality from 2006 - 2008)  
(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>2006 - 2008 Concentrations (average 99th percentile)</b>
Alabama	Jefferson	63
<b>Arizona</b>	<b>Gila</b>	<b>273</b>
Arizona	Maricopa	12
Arizona	Pima	13
Arkansas	Pulaski	12
Arkansas	Union	33
California	Contra Costa	23
California	Imperial	24
California	Los Angeles	22
California	Orange	9
California	San Bernardino	10
California	San Diego	20
California	San Francisco	16
California	San Luis Obispo	67
California	Santa Barbara	44
California	Santa Cruz	14
California	Solano	9
Connecticut	Fairfield	29
<b>Delaware</b>	<b>New Castle</b>	<b>77</b>
District Of Columbia	District of Columbia	39
Florida	Broward	55
Florida	Duval	54
<b>Florida</b>	<b>Escambia</b>	<b>93</b>
Florida	Hamilton	34
<b>Florida</b>	<b>Hillsborough</b>	<b>115</b>
Florida	Miami-Dade	2
Florida	Orange	10
Florida	Palm Beach	3
<b>Florida</b>	<b>Pinellas</b>	<b>88</b>
Florida	Putnam	45
<b>Georgia</b>	<b>Chatham</b>	<b>79</b>
Georgia	Fulton	67
<b>Hawaii</b>	<b>Hawaii</b>	<b>897</b>
Hawaii	Honolulu	27
Idaho	Bannock	69
<b>Illinois</b>	<b>Cook</b>	<b>104</b>

<b>Illinois</b>	<b>La Salle</b>	<b>307</b>
Illinois	Macon	47
Illinois	Macoupin	27
<b>Illinois</b>	<b>Madison</b>	<b>106</b>
Illinois	Peoria	60
Illinois	Randolph	31
Illinois	Saint Clair	38
<b>Illinois</b>	<b>Sangamon</b>	<b>120</b>
<b>Illinois</b>	<b>Tazewell</b>	<b>238</b>
<b>Illinois</b>	<b>Wabash</b>	<b>120</b>
Illinois	Will	62
<b>Indiana</b>	<b>Daviess</b>	<b>123</b>
<b>Indiana</b>	<b>Floyd</b>	<b>171</b>
<b>Indiana</b>	<b>Fountain</b>	<b>202</b>
<b>Indiana</b>	<b>Gibson</b>	<b>164</b>
Indiana	Hendricks	38
Indiana	Jasper	58
Indiana	Lake	70
Indiana	LaPorte	27
<b>Indiana</b>	<b>Marion</b>	<b>109</b>
<b>Indiana</b>	<b>Morgan</b>	<b>113</b>
Indiana	Pike	14
Indiana	Porter	66
Indiana	Vanderburgh	59
<b>Indiana</b>	<b>Vigo</b>	<b>125</b>
<b>Indiana</b>	<b>Warrick</b>	<b>138</b>
<b>Indiana</b>	<b>Wayne</b>	<b>101</b>
Iowa	Clinton	40
<b>Iowa</b>	<b>Linn</b>	<b>77</b>
<b>Iowa</b>	<b>Muscatine</b>	<b>189</b>
Iowa	Scott	19
Iowa	Van Buren	6
Kansas	Montgomery	36
Kansas	Sumner	4
Kansas	Trego	3
Kansas	Wyandotte	47
Kentucky	Boyd	58
Kentucky	Greenup	40
<b>Kentucky</b>	<b>Henderson</b>	<b>92</b>
<b>Kentucky</b>	<b>Jefferson</b>	<b>144</b>
Kentucky	McCracken	26
Louisiana	Bossier	20
Louisiana	Calcasieu	38
Louisiana	East Baton Rouge	64
Louisiana	Ouachita	16
<b>Louisiana</b>	<b>West Baton Rouge</b>	<b>131</b>
Maine	Hancock	5
<b>Maryland</b>	<b>Baltimore</b>	<b>86</b>
Maryland	Garrett	51
Massachusetts	Bristol	58
Massachusetts	Hampden	30

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Massachusetts	Hampshire	14
Massachusetts	Suffolk	28
Massachusetts	Worcester	17
<b>Michigan</b>	<b>Wayne</b>	<b>114</b>
Minnesota	Dakota	14
<b>Missouri</b>	<b>Greene</b>	<b>77</b>
<b>Missouri</b>	<b>Jackson</b>	<b>169</b>
<b>Missouri</b>	<b>Jefferson</b>	<b>372</b>
Missouri	Saint Louis	36
Missouri	St. Louis City	60
<b>Nebraska</b>	<b>Douglas</b>	<b>76</b>
New Hampshire	Hillsborough	60
<b>New Hampshire</b>	<b>Merrimack</b>	<b>149</b>
New Hampshire	Rockingham	57
New Jersey	Bergen	23
New Jersey	Burlington	25
New Jersey	Camden	25
New Jersey	Cumberland	22
New Jersey	Gloucester	30
New Jersey	Hudson	36
New Jersey	Middlesex	23
New Jersey	Morris	33
New Jersey	Union	46
<b>New Mexico</b>	<b>San Juan</b>	<b>56</b>
New York	Albany	21
<b>New York</b>	<b>Bronx</b>	<b>60</b>
<b>New York</b>	<b>Chautauqua</b>	<b>54</b>
New York	Chemung	23
New York	Erie	25
New York	Essex	9
New York	Franklin	9
New York	Hamilton	10
New York	Herkimer	9
New York	Madison	18
New York	Monroe	50
New York	Nassau	40
New York	Niagara	22
New York	Onondaga	15
New York	Putnam	18
New York	Schenectady	20
<b>New York</b>	<b>Suffolk</b>	<b>53</b>
New York	Ulster	14
North Carolina	Beaufort	34
<b>North Carolina</b>	<b>Mecklenburg</b>	<b>78</b>
<b>North Carolina</b>	<b>New Hanover</b>	<b>108</b>
North Carolina	Wake	19
North Dakota	Billings	6
North Dakota	Burke	33
North Dakota	Burleigh	29
North Dakota	Cass	5
North Dakota	Dunn	13

North Dakota	McKenzie	22
North Dakota	Mercer	39
North Dakota	Oliver	54
North Dakota	Williams	27
Ohio	Adams	68
Ohio	Allen	20
Ohio	Ashtabula	36
Ohio	Butler	41
Ohio	Clark	31
<b>Ohio</b>	<b>Columbiana</b>	<b>115</b>
Ohio	Cuyahoga	85
Ohio	Franklin	33
<b>Ohio</b>	<b>Jefferson</b>	<b>146</b>
<b>Ohio</b>	<b>Lake</b>	<b>171</b>
Ohio	Lawrence	47
Ohio	Mahoning	59
Ohio	Meigs	90
<b>Ohio</b>	<b>Morgan</b>	<b>262</b>
Ohio	Scioto	42
Ohio	Summit	73
Ohio	Tuscarawas	67
Oklahoma	Kay	40
Oklahoma	Muskogee	66
Oklahoma	Oklahoma	7
Oklahoma	Tulsa	70
Oregon	Multnomah	10
<b>Pennsylvania</b>	<b>Allegheny</b>	<b>141</b>
<b>Pennsylvania</b>	<b>Beaver</b>	<b>128</b>
Pennsylvania	Blair	53
Pennsylvania	Bucks	32
<b>Pennsylvania</b>	<b>Cambria</b>	<b>79</b>
Pennsylvania	Centre	29
Pennsylvania	Dauphin	59
Pennsylvania	Erie	40
<b>Pennsylvania</b>	<b>Indiana</b>	<b>99</b>
Pennsylvania	Lackawanna	35
Pennsylvania	Lancaster	63
<b>Pennsylvania</b>	<b>Lawrence</b>	<b>79</b>
Pennsylvania	Lehigh	51
Pennsylvania	Lycoming	46
Pennsylvania	Montgomery	29
<b>Pennsylvania</b>	<b>Northampton</b>	<b>173</b>
Pennsylvania	Perry	36
Pennsylvania	Philadelphia	37
<b>Pennsylvania</b>	<b>Warren</b>	<b>178</b>
<b>Pennsylvania</b>	<b>Washington</b>	<b>80</b>
Pennsylvania	Westmoreland	69
<b>Pennsylvania</b>	<b>York</b>	<b>99</b>
Puerto Rico	Bayamon	17
Puerto Rico	Catano	33
Rhode Island	Providence	30

South Carolina	Charleston	37
South Carolina	Greenville	22
South Carolina	Lexington	94
South Carolina	Oconee	18
South Carolina	Richland	46
South Dakota	Jackson	4
Tennessee	Blount	206
Tennessee	Bradley	112
Tennessee	Davidson	21
Tennessee	Montgomery	107
Tennessee	Shelby	31
Tennessee	Sullivan	169
Texas	El Paso	12
Texas	Ellis	86
Texas	Galveston	43
Texas	Gregg	77
Texas	Harris	56
Texas	Jefferson	115
Texas	Kaufman	15
Texas	Nueces	32
Utah	Davis	19
Utah	Salt Lake	45
Vermont	Rutland	41
Virgin Islands	St Croix	73
Virginia	Alexandria City	40
Virginia	Charles	77
Virginia	Fairfax	36
Virginia	Hampton City	61
Virginia	Richmond City	48
Virginia	Rockingham	12
West Virginia	Brooke	161
West Virginia	Cabell	44
West Virginia	Hancock	166
West Virginia	Kanawha	87
West Virginia	Marshall	140
West Virginia	Monongalia	168
West Virginia	Wood	125
Wisconsin	Brown	74
Wisconsin	Oneida	196
Wyoming	Campbell	63

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.

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.