

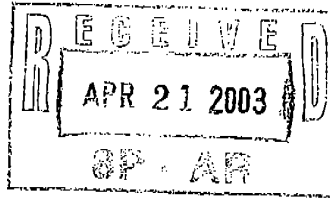
US EPA ARCHIVE DOCUMENT



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

PMB 2020  
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April 15, 2003



Robert E. Roberts  
Regional Administrator  
U.S. Environmental Protection Agency  
Region VIII  
999 18th Street - Suite 300  
Denver, CO 80202-2466

RE: Proposed Designations in South Dakota for the 8-Hour Ozone Standard

Dear Mr. Roberts:

Your letter dated January 23, 2003, asked the Governor of South Dakota to provide EPA with the appropriate recommendations for designating areas of the state for the 8-hour ozone National Ambient Air Quality Standard. Governor M. Michael Rounds delegated the authority to determine and submit these designations for South Dakota to the Secretary of the South Dakota Department of Environment and Natural Resources (DENR).

In 1999, DENR began collecting ozone data in Sioux Falls. Currently, DENR has three consecutive years of ozone data for Sioux Falls starting in 1999 and running through 2001. The three consecutive years of data demonstrates that the Sioux Falls area is attaining the 8-hour ozone standard (see Attachment 1). In 2002, the ozone monitor in Sioux Falls began to malfunction at the end of the season and we were unable to collect enough samples to achieve the 75% recovery requirement for the ozone season. However, the data we did collect in 2002 continued to show attainment of the 8-hour ozone standard.

In 2000, DENR began collecting ozone data in Rapid City. Ozone monitoring in Rapid City did not take place in 2001 because of equipment problems but began again in 2002. The data collected in 2000 and 2002 show attainment of the 8-hour ozone standard.

The data collected in the state during the past four years show no high ozone levels, and we fully expect future sampling will continue to be consistent with these results. As required by Section 107(d)(1) of the Clean Air Act, I propose that all counties in South Dakota be designated for the

8-hour ozone standard as attainment. See Attachment 2 for a complete list of proposed designation for areas in South Dakota.

Thank you for the opportunity to propose designations for the 8-hour ozone standard. If you have questions on this notice, please contact Brian Gustafson at 605-773-3151 for more information.

Sincerely,



Steven M. Pirner  
Secretary

Enclosure

cy: Dick Long, EPA Region VIII  
Tim Russ, EPA Region VIII

# Attachment I

## Three Year Average 4<sup>th</sup> Maximum Ozone Values

\*\*\*2002 data was not used because recovery rate of valid data was less than 75%\*\*\*

Site Name	AIRS #	1999 8-hour O3 4 <sup>th</sup> Maximum Value (ppm)	2000 8-hour O3 4 <sup>th</sup> Maximum Value (ppm)	2001 8-hour O3 4 <sup>th</sup> Maximum Value (ppm)	2002 8-hour O3 4 <sup>th</sup> Maximum Value (ppm)	3-year. Average 4 <sup>th</sup> Maximum Value (ppm)
Sioux Falls Hilltop	46-099-0007	0.064	0.066	0.066	0.064 *	0.065
Rapid City Robbinsdale	46-103-0016					
Rapid City Guard Camp II	46-103-0018		0.061		0.071	

Note: An area is considered to be in attainment of the National Ambient Air Quality Standard when the 3-year average of the annual 4<sup>th</sup> highest daily maximum 8-hour ozone concentration is less than or equal to 0.080 ppm. Due to the rounding convention, a value of 0.085 ppm or greater would constitute an exceedance of the 0.080 ppm 8-hour ozone standard.

\* Did not meet the 75% completeness requirement.

**Attachment 2  
South Dakota - Ozone (8-Hour Standard)**

Designated Area	Designation	Classification
	Type	Type
Aurora County	Attainment	
Beadle County	Attainment	
Bennett County	Attainment	
Bon Homme County	Attainment	
Brookings County	Attainment	
Brown County	Attainment	
Brule County	Attainment	
Buffalo County	Attainment	
Butte County	Attainment	
Campbell County	Attainment	
Charles County	Attainment	
Clark County	Attainment	
Clay County	Attainment	
Codington County	Attainment	
Corson County	Attainment	
Custer County	Attainment	
Davison County	Attainment	
Day County	Attainment	
Deuel County	Attainment	
Dewey County	Attainment	
Douglas County	Attainment	
Edmunds County	Attainment	
Fall River County	Attainment	
Faulk County	Attainment	
Grant County	Attainment	
Gregory County	Attainment	
Haakon County	Attainment	
Hamlin County	Attainment	
Hand County	Attainment	
Hanson County	Attainment	
Harding County	Attainment	
Hughes County	Attainment	
Hutchinson County	Attainment	

Designated Area	Designation Type	Classification Type
Hyde County	Attainment	
Jackson County	Attainment	
Jerauld County	Attainment	
Jones County	Attainment	
Kingsbury County	Attainment	
Lake County	Attainment	
Lawrence County	Attainment	
Lincoln County	Attainment	
Lyman County	Attainment	
Marshall County	Attainment	
McCook County	Attainment	
McPherson County	Attainment	
Meade County	Attainment	
Mellette County	Attainment	
Miner County	Attainment	
Minnehaha County	Attainment	
Moody County	Attainment	
Pennington County	Attainment	
Perkins County	Attainment	
Potter County	Attainment	
Roberts County	Attainment	
Sanborn County	Attainment	
Shannon County	Attainment	
Spink County	Attainment	
Stanley County	Attainment	
Sully County	Attainment	
Todd County	Attainment	
Tripp County	Attainment	
Turner County	Attainment	
Union County	Attainment	
Walworth County	Attainment	
Yankton County	Attainment	
Ziebach County	Attainment	