STATE OF WYOMING
OFFICE OF THE GOVERNOR

JIM GERINGER
GOVERNOR

STATE CAPITOL
CHEYENNE, WY 82002

July 7, 2000

Ms. Rebecca Hanmer
Acting Region VIII Administrator
United States Environmental Protection Agency (EPA)
999 18th Street - Suite 500
Denver, CO 80202-2466

Dear Ms. Hanmer:

In response to 107(d)(1) of the Clean Air Act, the State of Wyoming is taking the opportunity to recommend attainment/unclassifiable or nonattainment designations for the State of Wyoming for the revised (8 hour) ozone standard including the appropriate boundaries.

On August 3, 1999, the State made a disclosure concerning which ambient monitors located within the state were showing violations of the revised ozone standard. The State's Air Quality Division conducted a preliminary assessment of the existing monitoring network, following the EPA's June 26, 1998 guidance, focusing on ambient air monitors which were operating in the 1996-1998 time frame. The Division concluded that there were no monitors showing violations of the revised ozone standard in that time frame.

On March 28, 2000, John Seitz, Director of the Office of Air Quality Planning and Standards for EPA, issued Boundary Guidance on the Air Quality Designations for the 8 hour Ozone Standard. This guidance requests that each State Governor submit his designation recommendation by June 30, 2000 based on 1997 - 1999 quality assured monitoring data. The State Air Quality Division reviewed the 1997 - 1999 ozone monitoring data and again concluded that there were no monitors in the state network showing violations of the 8 hour ozone standard of 0.08 parts per million (ppm). Supporting documentation is attached.

I am recommending that the entire State of Wyoming be designated as attainment for the 8 hour ozone standard with the exception of those lands which are under the jurisdiction of Tribal Authority. It is our understanding that Tribal designations are covered under a different legal

E-MAIL: governor@missc.state.wy.us
WEB PAGE: www.state.wy.us

TELEPHONE: (307) 777-7434
TDD: (307) 777-7860 FAX: (307) 632-3909

authority and that the EPA Regional Offices will be working with the Tribes on final designation actions. The Office of the Attorney General for the State of Wyoming submitted a letter and map to EPA on June 26, 1998 describing the current boundaries of lands which are under the jurisdiction of Tribal Authority. The 1998 letter was sent to Mr. Thomas A. Speicher and Mr. B. Leigh Price with the Office of Regional Counsel and Indian Law Counsel.

If you have any questions concerning the details of this recommendation, please contact the Air Quality Division Administrator, Dan Olson 307-777-3746.

With best regards, I am

Sincerely,

Jim Geringer
Governor

JG:cj

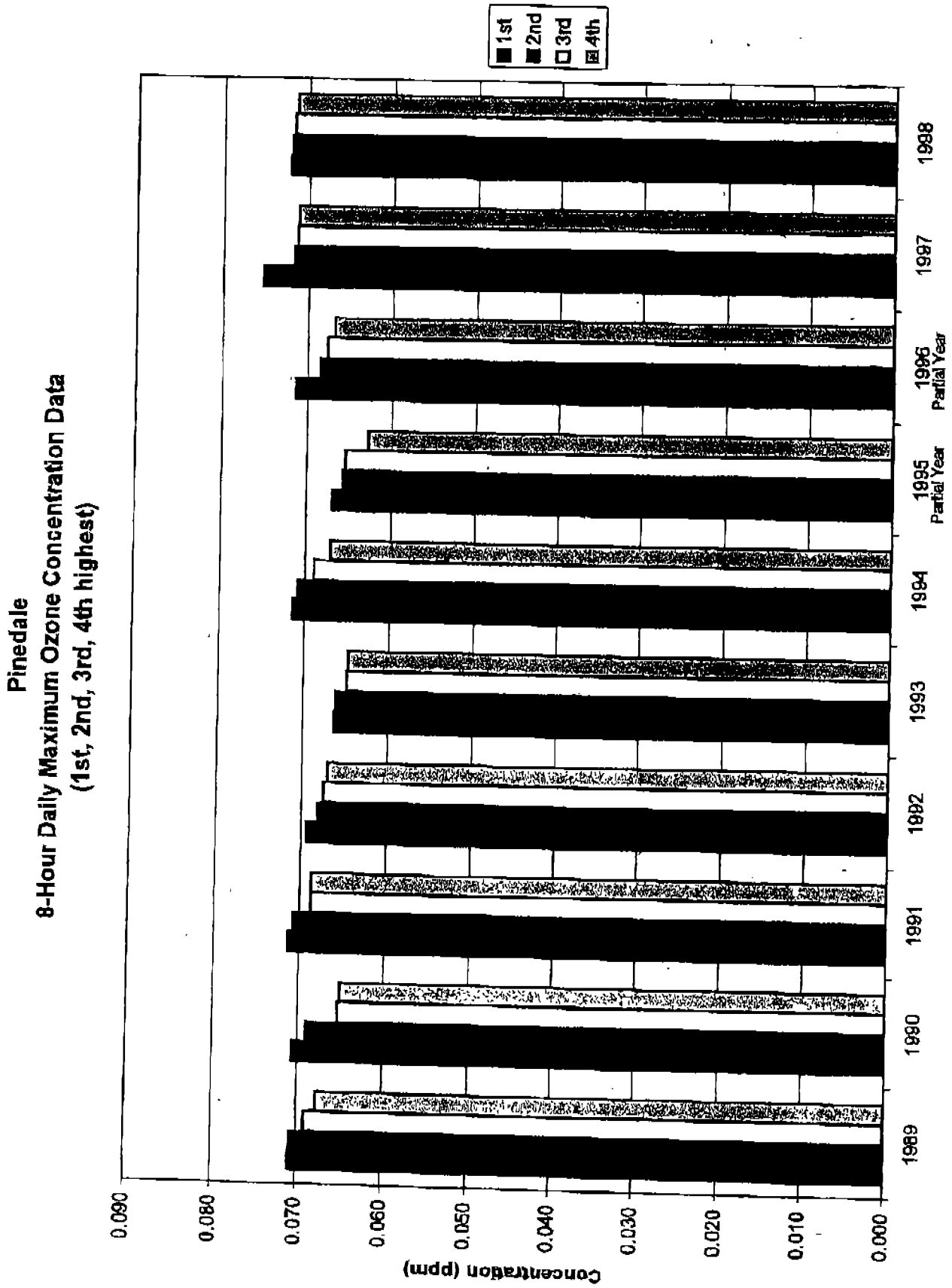
cc: Dennis Hemmer, Director, DEQ - w/o enclosures
Dan Olson, Administrator, Air Quality Division - w/o enclosures
Christine Jenkins, Air Quality Division - w/o enclosures
Enclosures

Pinedale Ozone Monitor

CASTNet Monitor located in the Bridger Teton National Forest in West Central Wyoming

Year	% Valid Days	8 hour daily maximum concentrations (ppm) 1st	2nd	3rd	4th	3-Year Period	Avg. Ann. 4th Highest	Avg. Data Completeness	Notes
1989	96%	0.071	0.071	0.069	0.068		see note 1		
1990	98%	0.071	0.069	0.065	0.065		see note 1		
1991	94%	0.071	0.071	0.069	0.069	1989-1991	0.07	96%	
1992	97%	0.069	0.068	0.067	0.067	1990-1992	0.07	97%	
1993	98%	0.066	0.066	0.065	0.065	1991-1993	0.07	96%	
1994	98%	0.071	0.071	0.069	0.067	1992-1994	0.07	98%	
1995	94%	0.067	0.066	0.065	0.063	1993-1995	0.06	97%	partial year (Jan - Sept)
1996	98%	0.071	0.068	0.068	0.067	1994-1996	0.07	97%	partial year (July - Dec)
1997	99%	0.075	0.072	0.071	0.071	1995-1997	0.07	97%	
1998	99%	0.072	0.072	0.072	0.071	1996-1998	0.07	99%	

note 1 3 year average not calculated due to lack of 3 years of data. Annual 4th highest 8-hour daily maximum concentration < 0.08 ppm.


Pinedale
8-Hour Daily Maximum Ozone Concentration Data
(1st, 2nd, 3rd, 4th highest)
1st
2nd
3rd
4th
Concentration (ppm)
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
1989
1990
1991
1992
1993
1994
1995 Partial Year
1996 Partial Year
1997
1998

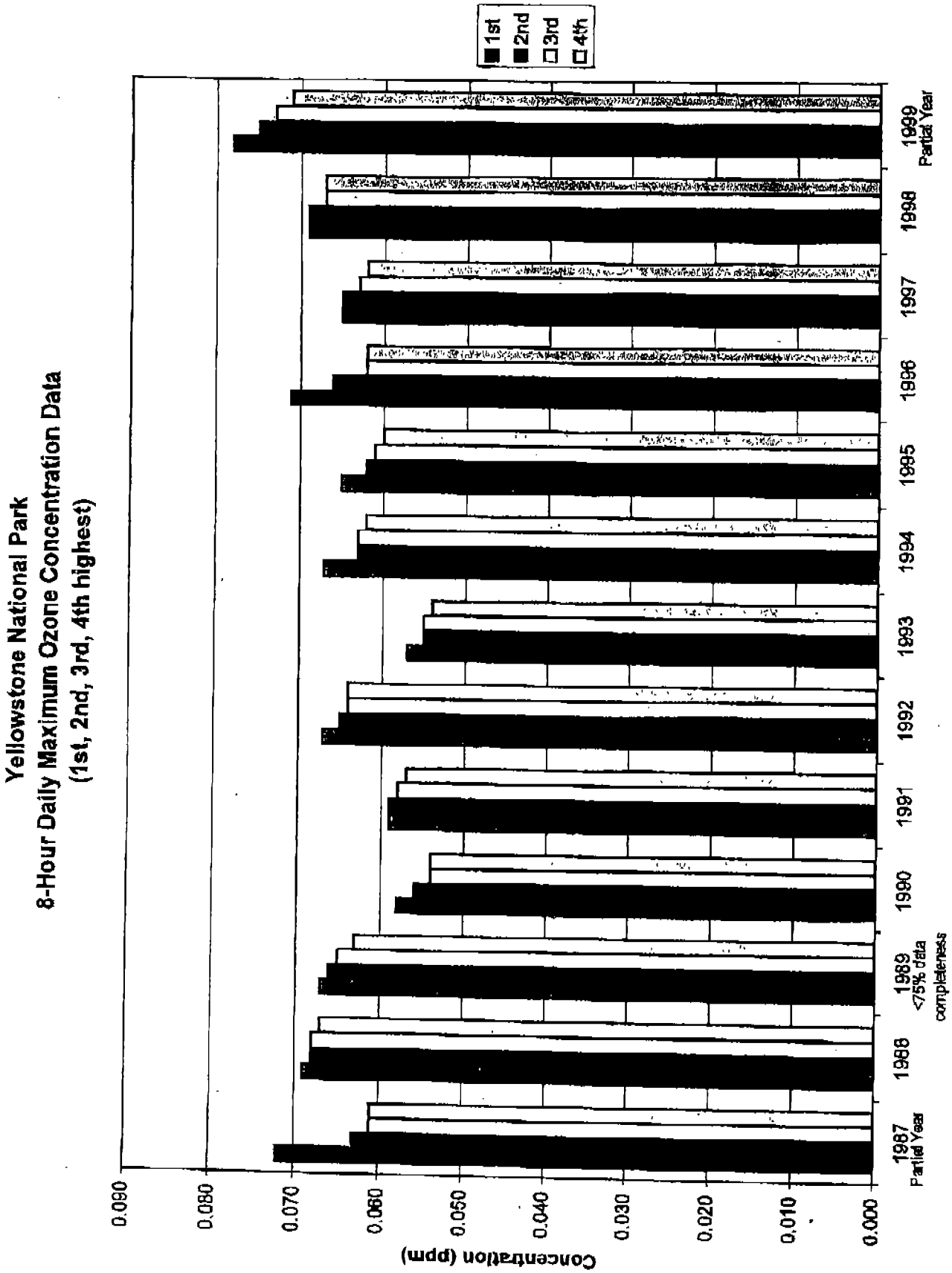
Yellowstone National Park Ozone Monitor

Non-EPA Federal Monitor located in the Yellowstone National Park Lake Lodge Area in Northwest Wyoming

Year	% Valid Days	8 hour daily maximum concentrations (ppm) 1st	2nd	3rd	4th	3-Year Period	Avg. Ann. 4th Highest	Avg. Data Completeness	Notes
1987	86%	0.072	0.063	0.061	0.061	see note 1			partial year (June - Dec)
1988	78%	0.069	0.068	0.068	0.067	see note 2			
1989	60%	0.067	0.066	0.065	0.063	see note 2			< 75% data completeness
1990	89%	0.058	0.056	0.054	0.054	see note 2			
1991	81%	0.059	0.059	0.058	0.057	see note 2			
1992	83%	0.067	0.065	0.064	0.064	1990-1992	0.06	85%	
1993	82%	0.057	0.055	0.055	0.054	1991-1993	0.06	82%	
1994	86%	0.067	0.063	0.063	0.062	1992-1994	0.06	84%	
1995	78%	0.065	0.062	0.061	0.060	1993-1995	0.06	82%	
1996	89%	0.071	0.066	0.062	0.062	1994-1996	0.06	84%	
1997	88%	0.065	0.065	0.063	0.062	1995-1997	0.06	85%	
1998	97%	0.069	0.069	0.067	0.067	1996-1998	0.06	91%	
1999	98%	0.078	0.075	0.073	0.071	see note 1			partial year (Jan - Oct)

note 1 3 year average not calculated with Partial Year of Data. Annual 4th highest 8-hour daily maximum concentration < 0.08 ppm.

note 2 3 year average not calculated with due to year <75% data completeness. Annual 4th highest 8-hour daily maximum concentration < 0.08 ppm.

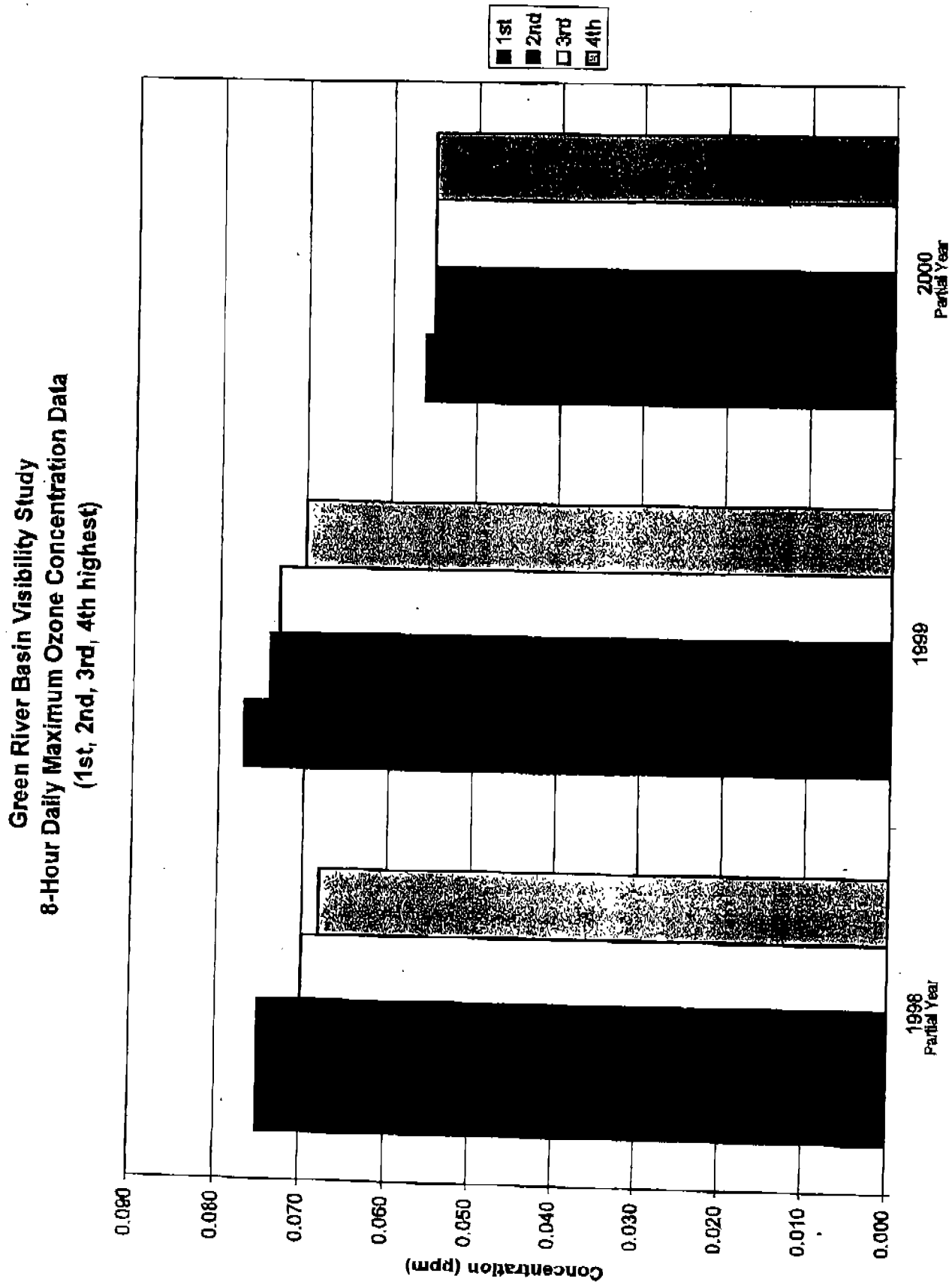

Yellowstone National Park
8-Hour Daily Maximum Ozone Concentration Data
(1st, 2nd, 3rd, 4th highest)
1st
2nd
3rd
4th
Concentration (ppm)
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
1987 Partial Year
1988
1989 <75% data completeness
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999 Partial Year

Green River Basin Visibility Study Ozone Monitor

Special Purpose Monitoring State Site located in the Green River Basin of Southwest Wyoming

Year	% Valid Days	8 hour daily maximum concentrations (ppm) 1st	2nd	3rd	4th	3-Year Period	Avg. Ann. 4th Highest	Avg. Data Completeness	Notes
1998	79%	0.075	0.075	0.070	0.068	see note 1			partial year (June - Dec)
1999	93%	0.077	0.074	0.073	0.070	see note 1			
2000	97%	0.056	0.055	0.055	0.055	see note 1			partial year (Jan - Mar)

note 1 3 year average not calculated due to lack of 3 years of data. Annual 4th highest 8-hour daily maximum concentration < 0.08 ppm.

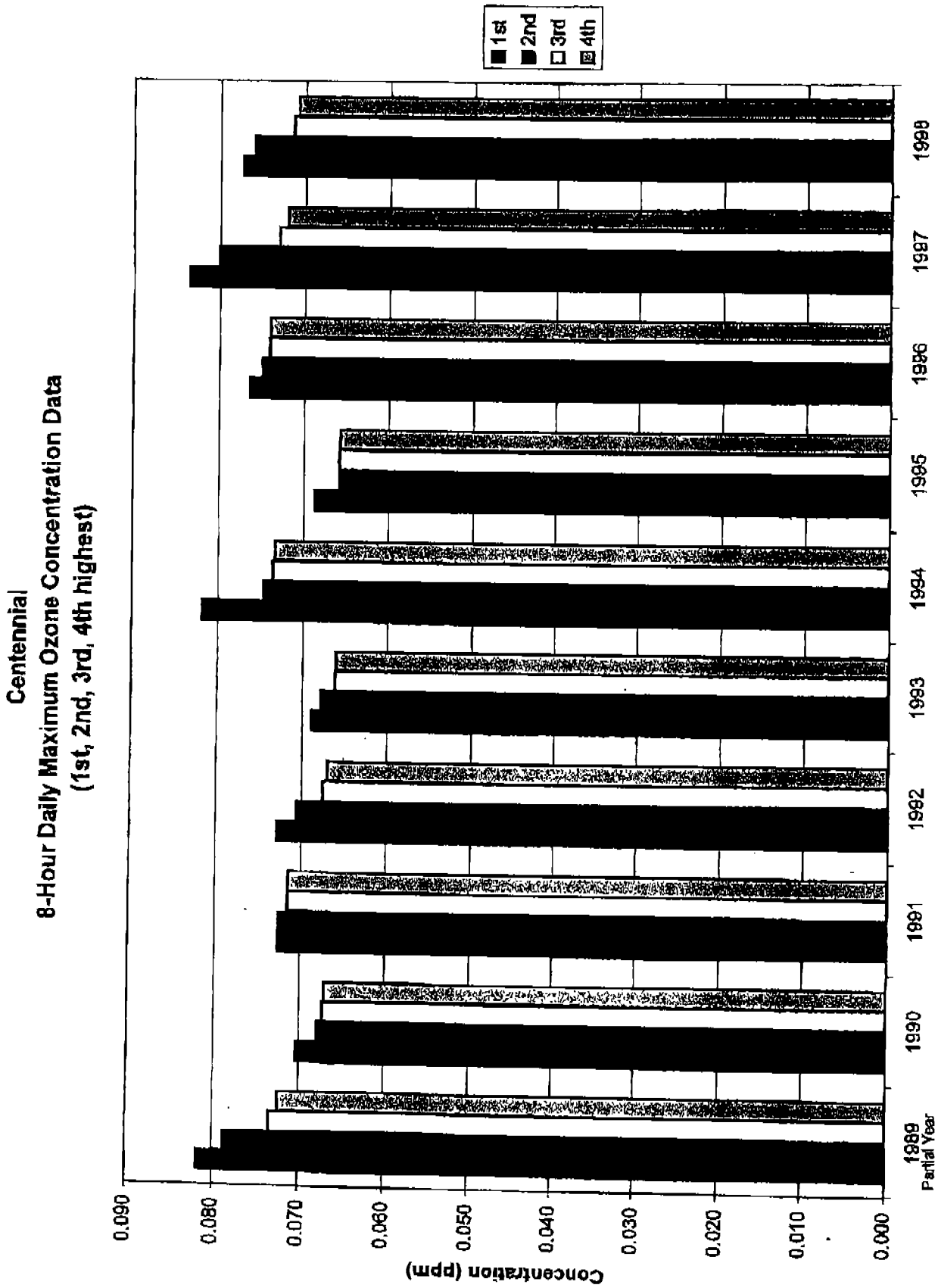

Green River Basin Visibility Study
8-Hour Daily Maximum Ozone Concentration Data
(1st, 2nd, 3rd, 4th highest)
1st
2nd
3rd
4th
Concentration (ppm)
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
1998
Partial Year
1999
2000
Partial Year

Centennial Ozone Monitor

CASTNet Monitor located in the Medicine Bow National Forest in Southeast Wyoming

Year	% Valid Days	8 hour daily maximum concentrations (ppm) 1st	2nd	3rd	4th	3-Year Period	Avg. Ann. 4th Highest	Avg. Data Completeness	Notes
1989	95%	0.082	0.079	0.073	0.072	see note 1			partial year (July - Dec)
1990	97%	0.070	0.068	0.067	0.067	see note 1			
1991	95%	0.073	0.073	0.072	0.072	see note 1			
1992	99%	0.073	0.071	0.068	0.067	1990-1992	0.07	97%	
1993	99%	0.069	0.068	0.066	0.066	1991-1993	0.07	98%	
1994	98%	0.082	0.075	0.074	0.073	1992-1994	0.07	98%	
1995	96%	0.069	0.066	0.066	0.066	1993-1995	0.07	97%	
1996	98%	0.076	0.075	0.074	0.074	1994-1996	0.07	97%	
1997	97%	0.084	0.080	0.073	0.072	1995-1997	0.07	97%	
1998	95%	0.077	0.076	0.071	0.071	1996-1998	0.07	97%	

note 1 3 year average not calculated due to lack of 3 years of data. Annual 4th highest 8-hour daily maximum concentration < 0.08 ppm.


Centennial
8-Hour Daily Maximum Ozone Concentration Data
(1st, 2nd, 3rd, 4th highest)
1st
2nd
3rd
4th
Concentration (ppm)
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
1989
Partial Year
1990
1991
1992
1993
1994
1995
1996
1997
1998