

Ozone and Carbon Monoxide Areas Designated Nonattainment

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Policy Development Section
Ozone/Carbon Monoxide Programs Branch
Air Quality Management Division
Office of Air Quality Planning and Standards
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Research Triangle Park, North Carolina 27711

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Introduction

The purpose of this report is to summarize the action taken with respect to designations and classifications of ozone and carbon monoxide areas by EPA published in the Federal Register in November 1991. The Clean Air Act Amendments of 1990 (November 15, 1990) required States to submit to EPA a list of areas to be designated nonattainment. EPA is required to promulgate that list (adding areas as appropriate) in the Federal Register. Any area designated nonattainment prior to November 15, 1990, is still designated nonattainment by operation of law. EPA is also required to classify these areas into various classifications. These classifications and relevant sections of the Act are included in this report.

For further information concerning a nonattainment area, the user should contact the State or Regional Office. A list of the Regional Offices and the appropriate contact is included. Any corrections to this report should be sent to Barry Gilbert (address on last page).

Notes:

Ozone Nonattainment Classifications

Extreme

Severe-17 (17 years to attain and design value is based on 1986-88 data)

Severe-15 (15 years to attain)

Serious

Moderate

Marginal

Sub-Marginal (Kansas City is violating but has a design value $< .121$ ppm)

Prior Designation Retained by Operation of Law

Transitional (Complete data for 1987-89 showing no violation)

Incomplete or No Data

(Inadequate data for 1987-89, but showing no violation)

Carbon Monoxide Nonattainment Classifications

Serious

Moderate > 12.7 ppm

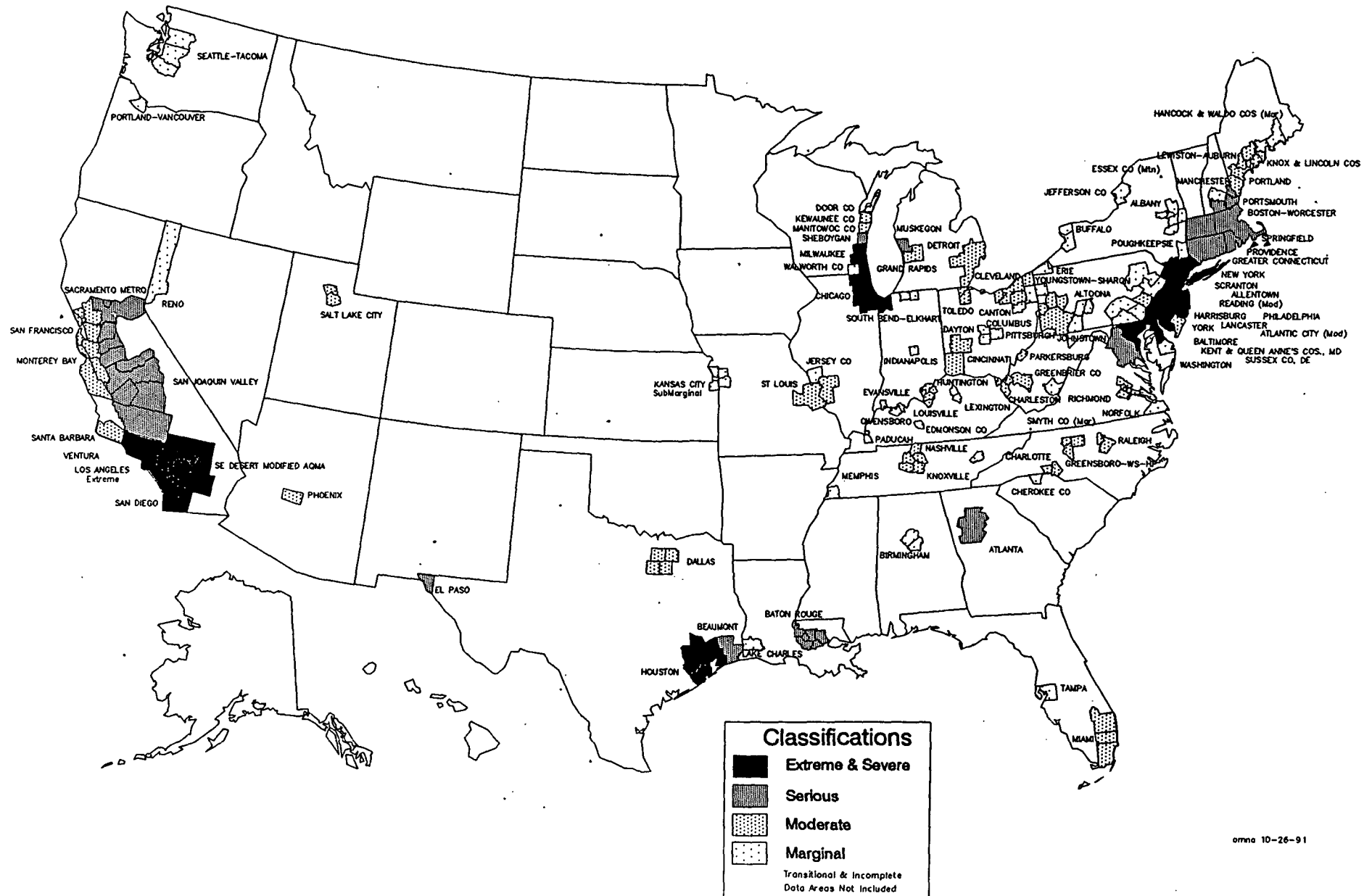
Moderate ≤ 12.7 ppm

Prior Designation Retained by Operation of Law

Not Classified (No measured violation or no data)

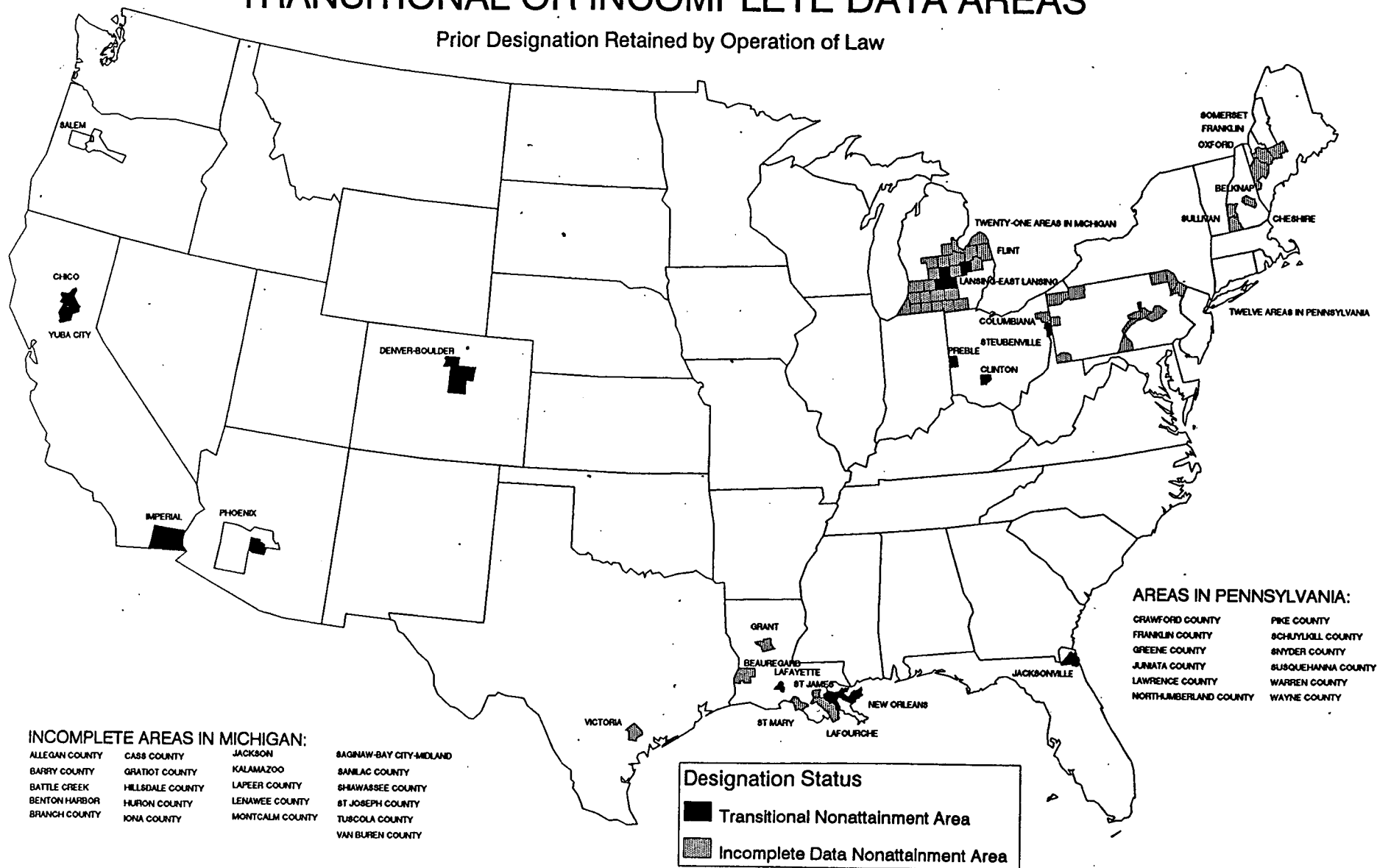
SIP Call In 1988 and 1989 EPA formally notified the Governors in several States that their State Implementation Plans for certain areas are substantially inadequate and called upon those States to revise their plans. (See the Federal Register of July 30, 1990, page 30973.)

Classified Ozone Nonattainment Areas



OZONE NONATTAINMENT AREAS TRANSITIONAL OR INCOMPLETE DATA AREAS

Prior Designation Retained by Operation of Law



Classified Ozone Nonattainment Areas Listed Alphabetically

Albany-Schenectady-Troy, NY	Marginal	Los Angeles-South Coast Air Basin, CA	Extreme
Allentown-Bethlehem-Easton, PA-NJ	Marginal	Louisville, KY-IN	Moderate
Altoona, PA	Marginal	Manchester, NH	Marginal
Atlanta, GA	Serious	Manitowoc Co, WI	Moderate
Atlantic City, NJ	Moderate	Memphis, TN	Marginal
Baltimore, MD	Severe-15	Miami-Fort Lauderdale-W. Palm Beach, FL	Moderate
Baton Rouge, LA	Serious	Milwaukee-Racine, WI	Severe-17
Beaumont-Port Arthur, TX	Serious	Monterey Bay, CA	Moderate
Birmingham, AL	Marginal	Muskegon, MI	Serious
Boston-Lawren.-Worcester (E.MA), MA-NH	Serious	Nashville, TN	Moderate
Buffalo-Niagara Falls, NY	Marginal	New York-N New Jer-Long Is, NY-NJ-CT	Severe-17
Canton, OH	Marginal	Norfolk-Vir. Beach-Newport News, VA	Marginal
Charleston, WV	Moderate	Owensboro, KY	Marginal
Charlotte-Gastonia, NC	Moderate	Paducah, KY	Marginal
Cherokee Co, SC	Marginal	Parkersburg, WV	Moderate
Chicago-Gary-Lake County, IL-IN	Severe-17	Philadelphia-Wilm-Trent, PA-NJ-DE-MD	Severe-15
Cincinnati-Hamilton, OH-KY	Moderate	Phoenix, AZ	Moderate
Cleveland-Akron-Lorain, OH	Moderate	Pittsburgh-Beaver Valley, PA	Moderate
Columbus, OH	Marginal	Portland, ME	Moderate
Dallas-Fort Worth, TX	Moderate	Portland-Vancouver AQMA, OR-WA	Marginal
Dayton-Springfield, OH	Moderate	Portsmouth-Dover-Rochester, NH	Serious
Detroit-Ann Arbor, MI	Moderate	Poughkeepsie, NY	Marginal
Door Co, WI	Marginal	Providence (All RI), RI	Serious
Edmonson Co, KY	Marginal	Raleigh-Durham, NC	Moderate
El Paso, TX	Serious	Reading, PA	Moderate
Erie, PA	Marginal	Reno, NV	Marginal
Essex Co (Whiteface Mtn), NY	Marginal	Richmond-Petersburg, VA	Moderate
Evansville, IN	Marginal	Sacramento Metro, CA	Serious
Grand Rapids, MI	Moderate	Salt Lake City, UT	Moderate
Greater Connecticut	Serious	San Diego, CA	Severe-15
Greenbrier Co, WV	Marginal	San Francisco-Bay Area, CA	Moderate
Greensboro-Winston Salem-H Point, NC	Moderate	San Joaquin Valley, CA	Serious
Hancock & Waldo Cos, ME	Marginal	Santa Barbara-Santa Maria-Lompoc, CA	Moderate
Harrisburg-Lebanon-Carlisle, PA	Marginal	Scranton-Wilkes-Barre, PA	Marginal
Houston-Galveston-Brazoria, TX	Severe-17	Seattle-Tacoma, WA	Marginal
Huntington-Ashland, WV-KY	Moderate	Sheboygan, WI	Serious
Indianapolis, IN	Marginal	Smyth Co, VA (White Top Mtn)	Marginal
Jefferson Co, NY	Marginal	South Bend-Elkhart, IN	Marginal
Jersey Co, IL	Marginal	Southeast Desert Modified AQMA, CA	Severe-17
Johnstown, PA	Marginal	Springfield (Western MA), MA	Serious
Kansas City, MO-KS	SubMarginal	St Louis, MO-IL	Moderate
Kent and Queen Anne's Cos, MD	Marginal	Sussex Co, DE	Marginal
Kewaunee Co, WI	Moderate	Tampa-St. Petersburg-Clearwater, FL	Marginal
Knox & Lincoln Cos, ME	Moderate	Toledo, OH	Moderate
Knoxville, TN	Marginal	Ventura Co, CA	Severe-15
Lake Charles, LA	Marginal	Walworth Co, WI	Marginal
Lancaster, PA	Marginal	Washington, DC-MD-VA	Serious
Lewiston-Auburn, ME	Moderate	York, PA	Marginal
Lexington-Fayette, KY	Marginal	Youngstown-Warren-Sharon, OH-PA	Marginal

Transitional Ozone Nonattainment Areas*

Chico, CA
Clinton Co, OH
Denver-Boulder, CO
Flint, MI
Imperial Co, CA
Jacksonville, FL

Lafayette, LA
Lansing-East Lansing, MI
New Orleans, LA
Preble Co, OH
Steubenville, OH
Yuba City, CA

Incomplete or No Data Ozone Nonattainment Areas*

Beauregard Par, LA
Grant Par, LA
LaFourche Par, LA
St James Par, LA
St Mary Par, LA
Franklin Co (part), ME
Oxford Co (part), ME
Somerset Co (part), ME
Allegan Co, MI
Barry Co, MI
Battle Creek, MI
Benton Harbor, MI
Branch Co, MI
Cass Co, MI
Gratiot Co, MI
Hillsdale Co, MI
Huron Co, MI
Ionia Co, MI
Jackson, MI
Kalamazoo, MI
Lapeer Co, MI
Lenawee Co, MI
Montcalm Co, MI
Saginaw-Bay City-Midland, MI

Sanilac Co, MI
Shiawassee Co, MI
St Joseph Co, MI
Tuscola Co, MI
Van Buren Co, MI
Belknap Co, NH
Cheshire Co, NH
Sullivan Co, NH
Columbiana Co, OH
Salem, OR
Crawford Co, PA
Franklin Co, PA
Greene Co, PA
Juniata Co, PA
Lawrence Co, PA
Northumberland Co, PA
Pike Co, PA
Schuylkill Co, PA
Snyder Co, PA
Susquehanna Co, PA
Warren Co, PA
Wayne Co, PA
Victoria, TX

*Prior Designation Retained by Operation of Law

Classified Ozone Nonattainment Areas

Listed by Classification

Extreme - Los Angeles-South Coast Air Basin, CA

Severe-17

Chicago-Gary-Lake County, IL-IN
Houston-Galveston-Brazoria, TX
Milwaukee-Racine, WI

New York-N New Jer-Long Is, NY-NJ-CT
Southeast Desert Modified AQMA, CA

Severe-15

Baltimore, MD
Philadelphia-Wilm-Trent, PA-NJ-DE-MD

San Diego, CA
Ventura Co, CA

Serious

Atlanta, GA
Baton Rouge, LA
Beaumont-Port Arthur, TX
Boston-Lawrence-Worcester (E.MA), MA-NH
El Paso, TX
Greater Connecticut
Muskegon, MI

Portsmouth-Dover-Rochester, NH
Providence (All RI), RI
Sacramento Metro, CA
San Joaquin Valley, CA
Sheboygan, WI
Springfield (Western MA), MA
Washington, DC-MD-VA

Moderate

Atlantic City, NJ
Charleston, WV
Charlotte-Gastonia, NC
Cincinnati-Hamilton, OH-KY
Cleveland-Akron-Lorain, OH
Dallas-Fort Worth, TX
Dayton-Springfield, OH
Detroit-Ann Arbor, MI
Grand Rapids, MI
Greensboro-Winston Salem-H Point, NC
Huntington-Ashland, WV-KY
Kewaunee Co, WI
Knox & Lincoln Cos, ME
Lewiston-Auburn, ME
Louisville, KY-IN
Manitowoc Co, WI

Miami-Fort Lauderdale-W. Palm Beach, FL
Monterey Bay, CA
Nashville, TN
Parkersburg, WV
Phoenix, AZ
Pittsburgh-Beaver Valley, PA
Portland, ME
Raleigh-Durham, NC
Reading, PA
Richmond-Petersburg, VA
Salt Lake City, UT
San Francisco-Bay Area, CA
Santa Barbara-Santa Maria-Lompoc, CA
St Louis, MO-IL
Toledo, OH

Marginal

Albany-Schenectady-Troy, NY
Allentown-Bethlehem-Easton, PA-NJ
Altoona, PA
Birmingham, AL
Buffalo-Niagara Falls, NY
Canton, OH
Cherokee Co, SC
Columbus, OH
Door Co, WI
Edmonson Co, KY
Erie, PA
Essex Co (Whiteface Mtn), NY
Evansville, IN
Greenbrier Co, WV
Hancock & Waldo Cos, ME
Harrisburg-Lebanon-Carlisle, PA
Indianapolis, IN
Jefferson Co, NY
Jersey Co, IL
Johnstown, PA
Kent and Queen Anne's Cos, MD

Knoxville, TN
Lake Charles, LA
Lancaster, PA
Lexington-Fayette, KY
Manchester, NH
Memphis, TN
Norfolk-Vir. Beach-Newport News, VA
Owensboro, KY
Paducah, KY
Portland-Vancouver AQMA, OR-WA
Poughkeepsie, NY
Reno, NV
Scranton-Wilkes-Barre, PA
Seattle-Tacoma, WA
Smyth Co, VA (White Top Mtn)
South Bend-Elkhart, IN
Sussex Co, DE
Tampa-St. Petersburg-Clearwater, FL
Walworth Co, WI
York, PA
Youngstown-Warren-Sharon, OH-PA
(SubMarginal Kansas City, MO-KS)

Classified Ozone Nonattainment Areas

Listed by Region

Region	Classified Ozone Nonattainment Areas	Classification	Region	Classified Ozone Nonattainment Areas	Classification
1	Boston-Lawrence-Worcester (E.MA), MA-NH	Serious	4&5	Louisville, KY-IN	Moderate
1	Greater Connecticut	Serious	4	Memphis, TN	Marginal
1	Hancock & Waldo Cos, ME	Marginal	4	Miami-Fort Lauderdale-W. Palm Beach, F	Moderate
1	Knox & Lincoln Cos, ME	Moderate	4	Nashville, TN	Moderate
1	Lewiston-Auburn, ME	Moderate	4	Owensboro, KY	Marginal
1	Manchester, NH	Marginal	4	Paducah, KY	Marginal
1&2	New York-N New Jer-Long Is, NY-NJ-CT	Severe-17	4	Raleigh-Durham, NC	Moderate
1	Portland, ME	Moderate	4	Tampa-St. Petersburg-Clearwater, FL	Marginal
1	Portsmouth-Dover-Rochester, NH	Serious	5	Canton, OH	Marginal
1	Providence (All RI), RI	Serious	5	Chicago-Gary-Lake County, IL-IN	Severe-17
1	Springfield (Western MA), MA	Serious	5&4	Cincinnati-Hamilton, OH-KY	Moderate
2	Albany-Schenectady-Troy, NY	Marginal	5	Cleveland-Akron-Lorain, OH	Moderate
2&3	Allentown-Bethlehem-Easton, PA-NJ	Marginal	5	Columbus, OH	Marginal
2	Atlantic City, NJ	Moderate	5	Dayton-Springfield, OH	Moderate
2	Buffalo-Niagara Falls, NY	Marginal	5	Detroit-Ann Arbor, MI	Moderate
2	Essex Co (Whiteface Mtn), NY	Marginal	5	Door Co, WI	Marginal
2	Jefferson Co, NY	Marginal	5	Evansville, IN	Marginal
2&1	New York-N New Jer-Long Is, NY-NJ-CT	Severe-17	5	Grand Rapids, MI	Moderate
2&3	Philadelphia-Wilm-Trent, PA-NJ-DE-MD	Severe-15	5	Indianapolis, IN	Marginal
2	Poughkeepsie, NY	Marginal	5	Jersey Co, IL	Marginal
3&2	Allentown-Bethlehem-Easton, PA-NJ	Marginal	5	Kewaunee Co, WI	Moderate
3	Altoona, PA	Marginal	5&4	Louisville, KY-IN	Moderate
3	Baltimore, MD	Severe-15	5	Manitowoc Co, WI	Moderate
3	Charleston, WV	Moderate	5	Milwaukee-Racine, WI	Severe-17
3	Erie, PA	Marginal	5	Muskegon, MI	Serious
3	Greenbrier Co, WV	Marginal	5	Sheboygan, WI	Serious
3	Harrisburg-Lebanon-Carlisle, PA	Marginal	5	South Bend-Elkhart, IN	Marginal
3&4	Huntington-Ashland, WV-KY	Moderate	5&7	St Louis, MO-IL	Moderate
3	Johnstown, PA	Marginal	5	Toledo, OH	Moderate
3	Kent and Queen Anne's Cos, MD	Marginal	5	Walworth Co, WI	Marginal
3	Lancaster, PA	Marginal	5&3	Youngstown-Warren-Sharon, OH-PA	Marginal
3	Norfolk-Vir. Beach-Newport News, VA	Marginal	6	Baton Rouge, LA	Serious
3	Parkersburg, WV	Moderate	6	Beaumont-Port Arthur, TX	Serious
3&2	Philadelphia-Wilm-Trent, PA-NJ-DE-MD	Severe-15	6	Dallas-Fort Worth, TX	Moderate
3	Pittsburgh-Beaver Valley, PA	Moderate	6	El Paso, TX	Serious
3	Reading, PA	Moderate	6	Houston-Galveston-Brazoria, TX	Severe-17
3	Richmond-Petersburg, VA	Moderate	6	Lake Charles, LA	Marginal
3	Scranton-Wilkes-Barre, PA	Marginal	7	Kansas City, MO-KS	SubMarginal
3	Smyth Co, VA (White Top Mtn)	Marginal	7&5	St Louis, MO-IL	Moderate
3	Sussex Co, DE	Marginal	8	Salt Lake City, UT	Moderate
3	Washington, DC-MD-VA	Serious	9	Los Angeles-South Coast Air Basin, CA	Extreme
3	York, PA	Marginal	9	Monterey Bay, CA	Moderate
3&5	Youngstown-Warren-Sharon, OH-PA	Marginal	9	Phoenix, AZ	Moderate
4	Atlanta, GA	Serious	9	Reno, NV	Marginal
4	Birmingham, AL	Marginal	9	Sacramento Metro, CA	Serious
4	Charlotte-Gastonia, NC	Moderate	9	San Diego, CA	Severe-15
4	Cherokee Co, SC	Marginal	9	San Francisco-Bay Area, CA	Moderate
4&5	Cincinnati-Hamilton, OH-KY	Moderate	9	San Joaquin Valley, CA	Serious
4	Edmonson Co, KY	Marginal	9	Santa Barbara-Santa Maria-Lompoc, CA	Moderate
4	Greensboro-Winston Salem-H Point, NC	Moderate	9	Southeast Desert Modified AQMA, CA	Severe-17
4&3	Huntington-Ashland, WV-KY	Moderate	9	Ventura Co, CA	Severe-15
4	Knoxville, TN	Marginal	10	Portland-Vancouver AQMA, OR-WA	Marginal
4	Lexington-Fayette, KY	Marginal	10	Seattle-Tacoma, WA	Marginal

(10-29-91)

Classified Ozone Nonattainment Area

Areas Listed by Classification	10/28/91	Design Value (ppm)	Average Expected Exceedance	Class-ification	No. Counties Nonattainment			Population			Located in a CMSA MSA	YR of SIP Call
					Before Nov 90	New	Total	1990 (1000)	EPA Region	State		
Albany-Schenectady-Troy, NY	0.128	2.7	89	Marginal	0	6	6	874	2	NY	msa	89
Allentown-Bethlehem-Easton, PA-NJ	0.137	3.1	89	Marginal	4	0	4	687	3	2 PA-NJ	msa	88
Altoona, PA	0.129	2.0	89	Marginal	0	1	1	131	3	PA	msa	89
Atlanta, GA	0.162	9.3	89	Serious	11	2	13	2,653	4	GA	msa	88
Atlantic City, NJ	0.145	4.0	89	Moderate	2	0	2	319	2	NJ	msa	88
Baltimore, MD	0.194	10.7	89	Severe-15	6	0	6	2,348	3	MD	msa	88
Baton Rouge, LA	0.164	4.5	89	Serious	5	1	6	582	6	LA	msa	88
Beaumont-Port Arthur, TX	0.160	3.7	89	Serious	2	1	3	361	6	TX	msa	88
Birmingham, AL	0.133	3.0	89	Marginal	1	1	2	751	4	AL	msa	88
Boston-Lawrence-Worcester (E.MA), MA-NH	0.165	10.0	89	Serious	12	0	12	5,500	1	MA-NH	cmsa	88
Buffalo-Niagara Falls, NY	0.131	3.8	89	Marginal	0	2	2	1,189	2	NY	cmsa	89
Canton, OH	0.135	1.7	89	Marginal	1	0	1	368	5	OH	msa	89
Charleston, WV	0.138	2.3	89	Moderate	0	2	2	250	3	WV	msa	89
Charlotte-Gastonia, NC	0.158	3.4	89	Moderate	1	1	2	686	4	NC	msa	88
Cherokee Co, SC	0.132	2.4	89	Marginal	0	1	1	45	4	SC	no	89
Chicago-Gary-Lake County, IL-IN	0.190	13.0	89	Severe-17	6	4	10	7,886	5	IL-IN	cmsa	88
Cincinnati-Hamilton, OH-KY	0.157	5.4	89	Moderate	7	0	7	1,705	5	4 OH-KY	cmsa	88
Cleveland-Akron-Lorain, OH	0.157	5.2	89	Moderate	7	1	8	2,859	5	OH	cmsa	88
Columbus, OH	0.131	1.4	89	Marginal	0	3	3	1,157	5	OH	msa	89
Dallas-Fort Worth, TX	0.140	3.5	89	Moderate	2	2	4	3,561	6	TX	cmsa	88
Dayton-Springfield, OH	0.143	3.1	89	Moderate	4	0	4	951	5	OH	msa	89
Detroit-Ann Arbor, MI	0.144	3.7	89	Moderate	7	0	7	4,591	5	MI	cmsa	88
Door Co, WI	0.126	1.8	90	Marginal RT	0	1	1	26	5	WI	no	no
Edmonson Co, KY	0.140	2.1	89	Marginal* RT	0	1	1	10	4	KY	no	89
El Paso, TX	0.170	7.9	89	Serious	1	0	1	592	6	TX	msa	88
Erie, PA	0.129	3.0	89	Marginal	1	0	1	276	3	PA	msa	89
Essex Co (Whiteface Mtn), NY	0.127	1.8	89	Marginal RT	0	1	1	0	2	NY	no	89
Evansville, IN	0.124	1.1	89	Marginal	0	1	1	165	5	IN	msa	89
Grand Rapids, MI	0.143	4.4	89	Moderate	2	0	2	688	5	MI	msa	88
Greater Connecticut	0.172	7.9	89	Serious	8	0	8	2,470	1	CT	cmsa	88
Greenbrier Co, WV	0.125	1.4	89	Marginal	0	1	1	35	3	WV	no	89
Greensboro-Winston Salem-H Point, NC	0.151	7.2	89	Moderate	0	4	4	740	4	NC	msa	89
Hancock & Waldo Cos, ME	0.133	2.8	89	Marginal	1	1	2	80	1	ME	no	88
Harrisburg-Lebanon-Carlisle, PA	0.136	2.2	89	Marginal	4	0	4	588	3	PA	msa	89
Houston-Galveston-Brazoria, TX	0.220	12.2	89	Severe-17	3	5	8	3,731	6	TX	cmsa	88

Classified Ozone Nonattainment Area

Classified Ozone Nonattainment Area					No. Counties			Population				Located	YR	
	10/28/91	Design	Average		Nonattainment			1990	EPA		in a			
Areas Listed by Classification		Value	Expected	Class-	Before	New	Total	(1000)	Region	State	CMSA	of		
		(ppm)	Exceedance	Yr	Nov 90						MSA	SIP		
				ification								Call		
Huntington-Ashland, WV-KY		0.164	5.5	89	Moderate*	1	3	4	206	3	4	WV-KY	msa	88
Indianapolis, IN		0.121	1.1	89	Marginal	1	0	1	797	5		IN	msa	88
Jefferson Co, NY		0.143	3.4	89	Marginal*	0	1	1	111	2		NY	no	88
Jersey Co, IL		0.128	3.1	90	Marginal	0	1	1	21	5		IL	msa	88
Johnstown, PA		0.133	2.5	89	Marginal	0	2	2	241	3		PA	msa	89
Kansas City, MO-KS		0.120	1.2	89	SubMarginal	5	0	5	1,362	7		KS-MO	msa	no
Kent and Queen Anne's Cos, MD		0.131	1.6	90	Marginal	0	2	2	52	3		MD	part	part
Kewaunee Co, WI		0.147	5.5	89	Moderate	0	1	1	19	5		WI	no	88
Knox & Lincoln Cos, ME		0.158	11.1	89	Moderate*	2	0	2	67	1		ME	no	88
Knoxville, TN		0.135	1.8	89	Marginal	0	1	1	336	4		TN	msa	89
Lake Charles, LA		0.131	2.0	89	Marginal	1	0	1	168	6		LA	msa	89
Lancaster, PA		0.125	1.3	89	Marginal	1	0	1	423	3		PA	msa	89
Lewiston-Auburn, ME		0.137	1.5	89	Moderate*	2	0	2	221	1		ME	msa	89
Lexington-Fayette, KY		0.126	2.0	89	Marginal	0	2	2	249	4		KY	msa	88
Los Angeles-South Coast Air Basin, CA		0.330	137.5	89	Extreme	4	0	4	13,000	9		CA	cmsa	88
Louisville, KY-IN		0.149	1.9	89	Moderate	3	2	5	834	4	5	KY-IN	msa	88
Manchester, NH		0.128	1.4	89	Marginal	3	0	3	222	1		NH	msa	89
Manitowoc Co, WI		0.167	9.9	89	Moderate*	0	1	1	80	5		WI	no	88
Memphis, TN		0.140	2.0	89	Marginal*	1	0	1	826	4		TN	msa	88
Miami-Fort Lauderdale-W. Palm Beach, FL		0.138	1.7	89	Moderate	3	0	3	4,056	4		FL	cmsa	88
Milwaukee-Racine, WI		0.183	9.8	89	Severe-17	5	1	6	1,735	5		WI	cmsa	88
Monterey Bay, CA		0.138	1.8	89	Moderate	3	0	3	622	9		CA	msa	no
Muskegon, MI		0.181	9.4	89	Serious*	1	0	1	159	5		MI	msa	88
Nashville, TN		0.138	5.6	89	Moderate	5	0	5	881	4		TN	msa	88
New York-N New Jer-Long Is, NY-NJ-CT		0.201	17.4	89	Severe-17	23	2	25	17,947	2	1	NY-NJ-CT	cmsa	88
Norfolk-Vir. Beach-Newport News, VA		0.130	2.0	89	Marginal	0	11	11	1,366	3		VA	msa	88
Owensboro, KY		0.137	3.7	89	Marginal	0	2	2	88	4		KY	msa	89
Paducah, KY		0.124	1.1	89	Marginal	0	2	2	28	4		KY	no	89
Parkersburg, WV		0.152	6.7	89	Moderate	0	1	1	87	3		WV	msa	88
Philadelphia-Wilm-Trent, PA-NJ-DE-MD		0.187	8.8	89	Severe-15	12	2	14	6,010	3	2	PA-NJ-DE-MD	cmsa	88
Phoenix, AZ		0.141	6.0	90	Moderate	1	0	1	2,092	9		AZ	msa	88
Pittsburgh-Beaver Valley, PA		0.149	7.0	89	Moderate	7	0	7	2,468	3		PA	cmsa	88
Portland, ME		0.156	6.1	89	Moderate	3	0	3	441	1		ME	msa	88
Portland-Vancouver AQMA, OR-WA		0.128	2.2	90	Marginal	4	0	4	1,107	10		OR-WA	cmsa	88
Portsmouth-Dover-Rochester, NH		0.165	5.3	89	Serious	2	0	2	183	1		NH	msa	88

Classified Ozone Nonattainment Area

Areas Listed by Classification	10/28/91	Design Value (ppm)	Average Expected Exceedance	Yr	Class-ification	No. Counties Nonattainment			Population			EPA Region	State	Located in a CMSA MSA	YR of SIP Call
						Before Nov 90	New	Total	1990 (1000)						
Poughkeepsie, NY		0.134	1.3	89	Marginal	0	1	1	259	2		NY	msa		89
Providence (All RI), RI		0.162	6.4	89	Serious	5	0	5	1,003	1		RI	cmsa		88
Raleigh-Durham, NC		0.141	4.1	89	Moderate	0	3	3	613	4		NC	msa		88
Reading, PA		0.141	3.4	89	Moderate	1	0	1	337	3		PA	msa		89
Reno, NV		0.131	2.0	90	Marginal	0	1	1	255	9		NV	msa		no
Richmond-Petersburg, VA		0.142	4.4	89	Moderate	3	4	7	738	3		VA	msa		88
Sacramento Metro, CA		0.160	15.8	89	Serious	6	0	6	1,639	9		CA	msa		88
Salt Lake City, UT		0.143	2.0	89	Moderate	2	0	2	914	8		UT	msa		88
San Diego, CA		0.190	12.3	89	Severe-15	1	0	1	2,498	9		CA	msa		88
San Francisco-Bay Area, CA		0.140	3.4	89	Moderate	9	0	9	5,815	9		CA	cmsa		88
San Joaquin Valley, CA		0.170	44.2	89	Serious	8	0	8	2,742	9		CA	part		part
Santa Barbara-Santa Maria-Lompoc, CA		0.140	2.1	89	Moderate	1	0	1	370	9		CA	msa		88
Scranton-Wilkes-Barre, PA		0.129	3.0	89	Marginal	5	0	5	734	3		PA	msa		89
Seattle-Tacoma, WA		0.131	3.3	90	Marginal	0	3	3	2,559	10		WA	cmsa		no
Sheboygan, WI		0.176	9.1	89	Serious	1	0	1	104	5		WI	msa		88
Smyth Co, VA (White Top Mtn)		0.125	1.9	89	Marginal RT	0	1	1	0	3		VA	no		no
South Bend-Elkhart, IN		0.121	1.1	89	Marginal	2	0	2	403	5		IN	msa		89
Southeast Desert Modified AQMA, CA		0.240	59.6	89	Severe-17	3	0	3	384	9		CA	cmsa		88
Springfield (Western MA), MA		0.167	6.7	89	Serious	4	0	4	812	1		MA	msa		88
St Louis, MO-IL		0.156	6.2	89	Moderate	8	0	8	2,390	7	5	MO-IL	msa		88
Sussex Co, DE		0.130	3.6	89	Marginal	0	1	1	113	3		DE	no		89
Tampa-St. Petersburg-Clearwater, FL		0.129	1.4	89	Marginal	2	0	2	1,686	4		FL	msa		88
Toledo, OH		0.140	2.7	89	Moderate	1	1	2	575	5		OH	msa		89
Ventura Co, CA		0.170	38.8	89	Severe-15*	1	0	1	669	9		CA	cmsa		88
Walworth Co, WI		0.129	2.0	89	Marginal	0	1	1	75	5		WI	no		88
Washington, DC-MD-VA		0.165	5.0	89	Serious	12	4	16	3,924	3		DC-MD-VA	msa		88
York, PA		0.129	1.5	89	Marginal	2	0	2	418	3		PA	msa		89
Youngstown-Warren-Sharon, OH-PA		0.134	2.1	89	Marginal	2	1	3	614	5	3	OH-PA	msa		89
Total Areas 98						261	101	362	140,003						

Yr = Data from 1987-89 or 1988-90; RT = Rural Transport; * 5% Classification Change

No. Counties Before '90 = Prior designation retained by operation of law; Sip Call = EPA called for a new State Implementation Plan

Classified Ozone Nonattainment Area

Classified Ozone Nonattainment Area					No. Counties			Population			Located	YR	
Areas Listed by Classification	10/28/91	Design Value (ppm)	Average Expected Exceedance	Yr	Class-ification	Nonattainment			1990 (1000)	EPA Region	State	in a CMSA MSA	of SIP Call
						Before Nov 90	New	Total					
Los Angeles-South Coast Air Basin, CA	0.330	137.5	89	Extreme	4	0	4	13,000	9		CA	cmsa	88
Chicago-Gary-Lake County, IL-IN	0.190	13.0	89	Severe-17	6	4	10	7,886	5		IL-IN	cmsa	88
Houston-Galveston-Brazoria, TX	0.220	12.2	89	Severe-17	3	5	8	3,731	6		TX	cmsa	88
Milwaukee-Racine, WI	0.183	9.8	89	Severe-17	5	1	6	1,735	5		WI	cmsa	88
New York-N New Jer-Long Is, NY-NJ-CT	0.201	17.4	89	Severe-17	23	2	25	17,947	2	1	NY-NJ-CT	cmsa	88
Southeast Desert Modified AQMA, CA	0.240	59.6	89	Severe-17	3	0	3	384	9		CA	cmsa	88
Baltimore, MD	0.194	10.7	89	Severe-15	6	0	6	2,348	3		MD	msa	88
Philadelphia-Wilm-Trent, PA-NJ-DE-MD	0.187	8.8	89	Severe-15	12	2	14	6,010	3	2	PA-NJ-DE-MD	cmsa	88
San Diego, CA	0.190	12.3	89	Severe-15	1	0	1	2,498	9		CA	msa	88
Ventura Co, CA	0.170	38.8	89	Severe-15*	1	0	1	669	9		CA	cmsa	88
Atlanta, GA	0.162	9.3	89	Serious	11	2	13	2,653	4		GA	msa	88
Baton Rouge, LA	0.164	4.5	89	Serious	5	1	6	582	6		LA	msa	88
Beaumont-Port Arthur, TX	0.160	3.7	89	Serious	2	1	3	361	6		TX	msa	88
Boston-Lawrence-Worcester (E.MA), MA-NH	0.165	10.0	89	Serious	12	0	12	5,500	1		MA-NH	cmsa	88
El Paso, TX	0.170	7.9	89	Serious	1	0	1	592	6		TX	msa	88
Greater Connecticut	0.172	7.9	89	Serious	8	0	8	2,470	1		CT	cmsa	88
Muskegon, MI	0.181	9.4	89	Serious*	1	0	1	159	5		MI	msa	88
Portsmouth-Dover-Rochester, NH	0.165	5.3	89	Serious	2	0	2	183	1		NH	msa	88
Providence (All RI), RI	0.162	6.4	89	Serious	5	0	5	1,003	1		RI	cmsa	88
Sacramento Metro, CA	0.160	15.8	89	Serious	6	0	6	1,639	9		CA	msa	88
San Joaquin Valley, CA	0.170	44.2	89	Serious	8	0	8	2,742	9		CA	part	part
Sheboygan, WI	0.176	9.1	89	Serious	1	0	1	104	5		WI	msa	88
Springfield (Western MA), MA	0.167	6.7	89	Serious	4	0	4	812	1		MA	msa	88
Washington, DC-MD-VA	0.165	5.0	89	Serious	12	4	16	3,924	3		DC-MD-VA	msa	88
Atlantic City, NJ	0.145	4.0	89	Moderate	2	0	2	319	2		NJ	msa	88
Charleston, WV	0.138	2.3	89	Moderate	0	2	2	250	3		WV	msa	89
Charlotte-Gastonia, NC	0.158	3.4	89	Moderate	1	1	2	686	4		NC	msa	88
Cincinnati-Hamilton, OH-KY	0.157	5.4	89	Moderate	7	0	7	1,705	5	4	OH-KY	cmsa	88
Cleveland-Akron-Lorain, OH	0.157	5.2	89	Moderate	7	1	8	2,859	5		OH	cmsa	88
Dallas-Fort Worth, TX	0.140	3.5	89	Moderate	2	2	4	3,561	6		TX	cmsa	88
Dayton-Springfield, OH	0.143	3.1	89	Moderate	4	0	4	951	5		OH	msa	89
Detroit-Ann Arbor, MI	0.144	3.7	89	Moderate	7	0	7	4,591	5		MI	cmsa	88
Grand Rapids, MI	0.143	4.4	89	Moderate	2	0	2	688	5		MI	msa	88
Greensboro-Winston Salem-H Point, NC	0.151	7.2	89	Moderate	0	4	4	740	4		NC	msa	89
Huntington-Ashland, WV-KY	0.164	5.5	89	Moderate*	1	3	4	206	3	4	WV-KY	msa	88

Classified Ozone Nonattainment Area

Areas Listed by Classification	10/28/91	Design Value (ppm)	Average Expected Exceedance	Yr	Class-ification	No. Counties Nonattainment			Population			Located in a CMSA MSA	YR of SIP Call
						Before Nov 90	New	Total	1990 (1000)	EPA Region	State		
Kewaunee Co, WI		0.147	5.5	89	Moderate	0	1	1	19	5	WI	no	88
Knox & Lincoln Cos, ME		0.158	11.1	89	Moderate*	2	0	2	67	1	ME	no	88
Lewiston-Auburn, ME		0.137	1.5	89	Moderate*	2	0	2	221	1	ME	msa	89
Louisville, KY-IN		0.149	1.9	89	Moderate	3	2	5	834	4	5 KY-IN	msa	88
Manitowoc Co, WI		0.167	9.9	89	Moderate*	0	1	1	80	5	WI	no	88
Miami-Fort Lauderdale-W. Palm Beach, FL		0.138	1.7	89	Moderate	3	0	3	4,056	4	FL	cmsa	88
Monterey Bay, CA		0.138	1.8	89	Moderate	3	0	3	622	9	CA	msa	no
Nashville, TN		0.138	5.6	89	Moderate	5	0	5	881	4	TN	msa	88
Parkersburg, WV		0.152	6.7	89	Moderate	0	1	1	87	3	WV	msa	88
Phoenix, AZ		0.141	6.0	90	Moderate	1	0	1	2,092	9	AZ	msa	88
Pittsburgh-Beaver Valley, PA		0.149	7.0	89	Moderate	7	0	7	2,468	3	PA	cmsa	88
Portland, ME		0.156	6.1	89	Moderate	3	0	3	441	1	ME	msa	88
Raleigh-Durham, NC		0.141	4.1	89	Moderate	0	3	3	613	4	NC	msa	88
Reading, PA		0.141	3.4	89	Moderate	1	0	1	337	3	PA	msa	89
Richmond-Petersburg, VA		0.142	4.4	89	Moderate	3	4	7	738	3	VA	msa	88
Salt Lake City, UT		0.143	2.0	89	Moderate	2	0	2	914	8	UT	msa	88
San Francisco-Bay Area, CA		0.140	3.4	89	Moderate	9	0	9	5,815	9	CA	cmsa	88
Santa Barbara-Santa Maria-Lompoc, CA		0.140	2.1	89	Moderate	1	0	1	370	9	CA	msa	88
St Louis, MO-IL		0.156	6.2	89	Moderate	8	0	8	2,390	7	5 MO-IL	msa	88
Toledo, OH		0.140	2.7	89	Moderate	1	1	2	575	5	OH	msa	89
Albany-Schenectady-Troy, NY		0.128	2.7	89	Marginal	0	6	6	874	2	NY	msa	89
Allentown-Bethlehem-Easton, PA-NJ		0.137	3.1	89	Marginal	4	0	4	687	3	2 PA-NJ	msa	88
Altoona, PA		0.129	2.0	89	Marginal	0	1	1	131	3	PA	msa	89
Birmingham, AL		0.133	3.0	89	Marginal	1	1	2	751	4	AL	msa	88
Buffalo-Niagara Falls, NY		0.131	3.8	89	Marginal	0	2	2	1,189	2	NY	cmsa	89
Canton, OH		0.135	1.7	89	Marginal	1	0	1	368	5	OH	msa	89
Cherokee Co, SC		0.132	2.4	89	Marginal	0	1	1	45	4	SC	no	89
Columbus, OH		0.131	1.4	89	Marginal	0	3	3	1,157	5	OH	msa	89
Door Co, WI		0.126	1.8	90	Marginal RT	0	1	1	26	5	WI	no	no
Edmonson Co, KY		0.140	2.1	89	Marginal* RT	0	1	1	10	4	KY	no	89
Erie, PA		0.129	3.0	89	Marginal	1	0	1	276	3	PA	msa	89
Essex Co (Whiteface Mtn), NY		0.127	1.8	89	Marginal RT	0	1	1	0	2	NY	no	89
Evansville, IN		0.124	1.1	89	Marginal	0	1	1	165	5	IN	msa	89
Greenbrier Co, WV		0.125	1.4	89	Marginal	0	1	1	35	3	WV	no	89
Hancock & Waldo Cos, ME		0.133	2.8	89	Marginal	1	1	2	80	1	ME	no	88

Classified Ozone Nonattainment Area

Classified Ozone Nonattainment Area					No. Counties Nonattainment			Population			Located	YR	
Areas Listed by Classification	10/28/91	Design Value (ppm)	Average Expected Exceedance	Yr	Class- ification	Before Nov 90	New	Total	1990 (1000)	EPA Region	State	in a CMSA MSA	of SIP Call
Harrisburg-Lebanon-Carlisle, PA		0.136	2.2	89	Marginal	4	0	4	588	3	PA	msa	89
Indianapolis, IN		0.121	1.1	89	Marginal	1	0	1	797	5	IN	msa	88
Jefferson Co, NY		0.143	3.4	89	Marginal*	0	1	1	111	2	NY	no	88
Jersey Co, IL		0.128	3.1	90	Marginal	0	1	1	21	5	IL	msa	88
Johnstown, PA		0.133	2.5	89	Marginal	0	2	2	241	3	PA	msa	89
Kent and Queen Anne's Cos, MD		0.131	1.6	90	Marginal	0	2	2	52	3	MD	part	part
Knoxville, TN		0.135	1.8	89	Marginal	0	1	1	336	4	TN	msa	89
Lake Charles, LA		0.131	2.0	89	Marginal	1	0	1	168	6	LA	msa	89
Lancaster, PA		0.125	1.3	89	Marginal	1	0	1	423	3	PA	msa	89
Lexington-Fayette, KY		0.126	2.0	89	Marginal	0	2	2	249	4	KY	msa	88
Manchester, NH		0.128	1.4	89	Marginal	3	0	3	222	1	NH	msa	89
Memphis, TN		0.140	2.0	89	Marginal*	1	0	1	826	4	TN	msa	88
Norfolk-Vir. Beach-Newport News, VA		0.130	2.0	89	Marginal	0	11	11	1,366	3	VA	msa	88
Owensboro, KY		0.137	3.7	89	Marginal	0	2	2	88	4	KY	msa	89
Paducah, KY		0.124	1.1	89	Marginal	0	2	2	28	4	KY	no	89
Portland-Vancouver AQMA, OR-WA		0.128	2.2	90	Marginal	4	0	4	1,107	10	OR-WA	cmsa	88
Poughkeepsie, NY		0.134	1.3	89	Marginal	0	1	1	259	2	NY	msa	89
Reno, NV		0.131	2.0	90	Marginal	0	1	1	255	9	NV	msa	no
Scranton-Wilkes-Barre, PA		0.129	3.0	89	Marginal	5	0	5	734	3	PA	msa	89
Seattle-Tacoma, WA		0.131	3.3	90	Marginal	0	3	3	2,559	10	WA	cmsa	no
Smyth Co, VA (White Top Mtn)		0.125	1.9	89	Marginal RT	0	1	1	0	3	VA	no	no
South Bend-Elkhart, IN		0.121	1.1	89	Marginal	2	0	2	403	5	IN	msa	89
Sussex Co, DE		0.130	3.6	89	Marginal	0	1	1	113	3	DE	no	89
Tampa-St. Petersburg-Clearwater, FL		0.129	1.4	89	Marginal	2	0	2	1,686	4	FL	msa	88
Walworth Co, WI		0.129	2.0	89	Marginal	0	1	1	75	5	WI	no	88
York, PA		0.129	1.5	89	Marginal	2	0	2	418	3	PA	msa	89
Youngstown-Warren-Sharon, OH-PA		0.134	2.1	89	Marginal	2	1	3	614	5	3 OH-PA	msa	89
Kansas City, MO-KS		0.120	1.2	89	SubMarginal	5	0	5	1,362	7	KS-MO	msa	no
Total Areas 98						261	101	362	140,003				

Yr = Data from 1987-89 or 1988-90; RT = Rural Transport; * 5% Classification Change

No. Counties Before '90 = Prior designation retained by operation of law; Sip Call = EPA called for a new State Implementation Plan

Classified Ozone Nonattainment Area

Areas Listed by Design Value	10/28/91	Design Value (ppm)	Average Expected Exceedance	Class-ification	No. Counties Nonattainment			Population 1990		EPA Region	State	Located in a CMSA MSA	YR of SIP Call
					Before Nov 90	New	Total	(1000)					
Los Angeles-South Coast Air Basin, CA		0.330	137.5	89 Extreme	4	0	4	13,000	9		CA	cmsa	88
Southeast Desert Modified AQMA, CA		0.240	59.6	89 Severe-17	3	0	3	384	9		CA	cmsa	88
Houston-Galveston-Brazoria, TX		0.220	12.2	89 Severe-17	3	5	8	3,731	6		TX	cmsa	88
New York-N New Jer-Long Is, NY-NJ-CT		0.201	17.4	89 Severe-17	23	2	25	17,947	2	1	NY-NJ-CT	cmsa	88
Baltimore, MD		0.194	10.7	89 Severe-15	6	0	6	2,348	3		MD	msa	88
Chicago-Gary-Lake County, IL-IN		0.190	13.0	89 Severe-17	6	4	10	7,886	5		IL-IN	cmsa	88
San Diego, CA		0.190	12.3	89 Severe-15	1	0	1	2,498	9		CA	msa	88
Philadelphia-Wilm-Trent, PA-NJ-DE-MD		0.187	8.8	89 Severe-15	12	2	14	6,010	3	2	PA-NJ-DE-MD	cmsa	88
Milwaukee-Racine, WI		0.183	9.8	89 Severe-17	5	1	6	1,735	5		WI	cmsa	88
Muskegon, MI		0.181	9.4	89 Serious*	1	0	1	159	5		MI	msa	88
Sheboygan, WI		0.176	9.1	89 Serious	1	0	1	104	5		WI	msa	88
Greater Connecticut		0.172	7.9	89 Serious	8	0	8	2,470	1		CT	cmsa	88
El Paso, TX		0.170	7.9	89 Serious	1	0	1	592	6		TX	msa	88
San Joaquin Valley, CA		0.170	44.2	89 Serious	8	0	8	2,742	9		CA	part	part
Ventura Co, CA		0.170	38.8	89 Severe-15*	1	0	1	669	9		CA	cmsa	88
Manitowoc Co, WI		0.167	9.9	89 Moderate*	0	1	1	80	5		WI	no	88
Springfield (Western MA), MA		0.167	6.7	89 Serious	4	0	4	812	1		MA	msa	88
Boston-Lawrence-Worcester (E.MA), MA-NH		0.165	10.0	89 Serious	12	0	12	5,500	1		MA-NH	cmsa	88
Portsmouth-Dover-Rochester, NH		0.165	5.3	89 Serious	2	0	2	183	1		NH	msa	88
Washington, DC-MD-VA		0.165	5.0	89 Serious	12	4	16	3,924	3		DC-MD-VA	msa	88
Baton Rouge, LA		0.164	4.5	89 Serious	5	1	6	582	6		LA	msa	88
Huntington-Ashland, WV-KY		0.164	5.5	89 Moderate*	1	3	4	206	3	4	WV-KY	msa	88
Atlanta, GA		0.162	9.3	89 Serious	11	2	13	2,653	4		GA	msa	88
Providence (All RI), RI		0.162	6.4	89 Serious	5	0	5	1,003	1		RI	cmsa	88
Beaumont-Port Arthur, TX		0.160	3.7	89 Serious	2	1	3	361	6		TX	msa	88
Sacramento Metro, CA		0.160	15.8	89 Serious	6	0	6	1,639	9		CA	msa	88
Charlotte-Gastonia, NC		0.158	3.4	89 Moderate	1	1	2	686	4		NC	msa	88
Knox & Lincoln Cos, ME		0.158	11.1	89 Moderate*	2	0	2	67	1		ME	no	88
Cincinnati-Hamilton, OH-KY		0.157	5.4	89 Moderate	7	0	7	1,705	5	4	OH-KY	cmsa	88
Cleveland-Akron-Lorain, OH		0.157	5.2	89 Moderate	7	1	8	2,859	5		OH	cmsa	88
Portland, ME		0.156	6.1	89 Moderate	3	0	3	441	1		ME	msa	88
St Louis, MO-IL		0.156	6.2	89 Moderate	8	0	8	2,390	7	5	MO-IL	msa	88
Parkersburg, WV		0.152	6.7	89 Moderate	0	1	1	87	3		WV	msa	88
Greensboro-Winston Salem-H Point, NC		0.151	7.2	89 Moderate	0	4	4	740	4		NC	msa	89
Louisville, KY-IN		0.149	1.9	89 Moderate	3	2	5	834	4	5	KY-IN	msa	88

Classified Ozone Nonattainment Area

Classified Ozone Nonattainment Area					No. Counties			Population			Located	YR
	10/28/91	Design Value	Average Expected	Class-	Nonattainment				1990	EPA	in a	of
Areas Listed by Design Value		(ppm)	Exceedance	Yr ification	Before Nov 90	New	Total	(1000)	Region	State	CMSA MSA	SIP Call
Pittsburgh-Beaver Valley, PA		0.149	7.0	89 Moderate	7	0	7	2,468	3	PA	cmsa	88
Kewaunee Co, WI		0.147	5.5	89 Moderate	0	1	1	19	5	WI	no	88
Atlantic City, NJ		0.145	4.0	89 Moderate	2	0	2	319	2	NJ	msa	88
Detroit-Ann Arbor, MI		0.144	3.7	89 Moderate	7	0	7	4,591	5	MI	cmsa	88
Dayton-Springfield, OH		0.143	3.1	89 Moderate	4	0	4	951	5	OH	msa	89
Grand Rapids, MI		0.143	4.4	89 Moderate	2	0	2	688	5	MI	msa	88
Jefferson Co, NY		0.143	3.4	89 Marginal*	0	1	1	111	2	NY	no	88
Salt Lake City, UT		0.143	2.0	89 Moderate	2	0	2	914	8	UT	msa	88
Richmond-Petersburg, VA		0.142	4.4	89 Moderate	3	4	7	738	3	VA	msa	88
Phoenix, AZ		0.141	6.0	90 Moderate	1	0	1	2,092	9	AZ	msa	88
Raleigh-Durham, NC		0.141	4.1	89 Moderate	0	3	3	613	4	NC	msa	88
Reading, PA		0.141	3.4	89 Moderate	1	0	1	337	3	PA	msa	89
Dallas-Fort Worth, TX		0.140	3.5	89 Moderate	2	2	4	3,561	6	TX	cmsa	88
Edmonson Co, KY		0.140	2.1	89 Marginal* RT	0	1	1	10	4	KY	no	89
Memphis, TN		0.140	2.0	89 Marginal*	1	0	1	826	4	TN	msa	88
San Francisco-Bay Area, CA		0.140	3.4	89 Moderate	9	0	9	5,815	9	CA	cmsa	88
Santa Barbara-Santa Maria-Lompoc, CA		0.140	2.1	89 Moderate	1	0	1	370	9	CA	msa	88
Toledo, OH		0.140	2.7	89 Moderate	1	1	2	575	5	OH	msa	89
Charleston, WV		0.138	2.3	89 Moderate	0	2	2	250	3	WV	msa	89
Miami-Fort Lauderdale-W. Palm Beach, FL		0.138	1.7	89 Moderate	3	0	3	4,056	4	FL	cmsa	88
Monterey Bay, CA		0.138	1.8	89 Moderate	3	0	3	622	9	CA	msa	no
Nashville, TN		0.138	5.6	89 Moderate	5	0	5	881	4	TN	msa	88
Allentown-Bethlehem-Easton, PA-NJ		0.137	3.1	89 Marginal	4	0	4	687	3	2 PA-NJ	msa	88
Lewiston-Auburn, ME		0.137	1.5	89 Moderate*	2	0	2	221	1	ME	msa	89
Owensboro, KY		0.137	3.7	89 Marginal	0	2	2	88	4	KY	msa	89
Harrisburg-Lebanon-Carlisle, PA		0.136	2.2	89 Marginal	4	0	4	588	3	PA	msa	89
Canton, OH		0.135	1.7	89 Marginal	1	0	1	368	5	OH	msa	89
Knoxville, TN		0.135	1.8	89 Marginal	0	1	1	336	4	TN	msa	89
Poughkeepsie, NY		0.134	1.3	89 Marginal	0	1	1	259	2	NY	msa	89
Youngstown-Warren-Sharon, OH-PA		0.134	2.1	89 Marginal	2	1	3	614	5	3 OH-PA	msa	89
Birmingham, AL		0.133	3.0	89 Marginal	1	1	2	751	4	AL	msa	88
Hancock & Waldo Cos, ME		0.133	2.8	89 Marginal	1	1	2	80	1	ME	no	88
Johnstown, PA		0.133	2.5	89 Marginal	0	2	2	241	3	PA	msa	89
Cherokee Co, SC		0.132	2.4	89 Marginal	0	1	1	45	4	SC	no	89
Buffalo-Niagara Falls, NY		0.131	3.8	89 Marginal	0	2	2	1,189	2	NY	cmsa	89

Classified Ozone Nonattainment Area

Areas Listed by Design Value	10/28/91	Design Value (ppm)	Average Expected Exceedance	Yr	Class-ification	No. Counties Nonattainment			Population			Located in a CMSA MSA	YR of SIP Call
						Before Nov 90	New	Total	1990 (1000)	EPA Region	State		
Columbus, OH		0.131	1.4	89	Marginal	0	3	3	1,157	5	OH	msa	89
Kent and Queen Anne's Cos, MD		0.131	1.6	90	Marginal	0	2	2	52	3	MD	part	part
Lake Charles, LA		0.131	2.0	89	Marginal	1	0	1	168	6	LA	msa	89
Reno, NV		0.131	2.0	90	Marginal	0	1	1	255	9	NV	msa	no
Seattle-Tacoma, WA		0.131	3.3	90	Marginal	0	3	3	2,559	10	WA	cmsa	no
Norfolk-Vir. Beach-Newport News, VA		0.130	2.0	89	Marginal	0	11	11	1,366	3	VA	msa	88
Sussex Co, DE		0.130	3.6	89	Marginal	0	1	1	113	3	DE	no	89
Altoona, PA		0.129	2.0	89	Marginal	0	1	1	131	3	PA	msa	89
Erie, PA		0.129	3.0	89	Marginal	1	0	1	276	3	PA	msa	89
Scranton-Wilkes-Barre, PA		0.129	3.0	89	Marginal	5	0	5	734	3	PA	msa	89
Tampa-St. Petersburg-Clearwater, FL		0.129	1.4	89	Marginal	2	0	2	1,686	4	FL	msa	88
Walworth Co, WI		0.129	2.0	89	Marginal	0	1	1	75	5	WI	no	88
York, PA		0.129	1.5	89	Marginal	2	0	2	418	3	PA	msa	89
Albany-Schenectady-Troy, NY		0.128	2.7	89	Marginal	0	6	6	874	2	NY	msa	89
Jersey Co, IL		0.128	3.1	90	Marginal	0	1	1	21	5	IL	msa	88
Manchester, NH		0.128	1.4	89	Marginal	3	0	3	222	1	NH	msa	89
Portland-Vancouver AQMA, OR-WA		0.128	2.2	90	Marginal	4	0	4	1,107	10	OR-WA	cmsa	88
Essex Co (Whiteface Mtn), NY		0.127	1.8	89	Marginal RT	0	1	1	0	2	NY	no	89
Door Co, WI		0.126	1.8	90	Marginal RT	0	1	1	26	5	WI	no	no
Lexington-Fayette, KY		0.126	2.0	89	Marginal	0	2	2	249	4	KY	msa	88
Greenbrier Co, WV		0.125	1.4	89	Marginal	0	1	1	35	3	WV	no	89
Lancaster, PA		0.125	1.3	89	Marginal	1	0	1	423	3	PA	msa	89
Smyth Co, VA (White Top Mtn)		0.125	1.9	89	Marginal RT	0	1	1	0	3	VA	no	no
Evansville, IN		0.124	1.1	89	Marginal	0	1	1	165	5	IN	msa	89
Paducah, KY		0.124	1.1	89	Marginal	0	2	2	28	4	KY	no	89
Indianapolis, IN		0.121	1.1	89	Marginal	1	0	1	797	5	IN	msa	88
South Bend-Elkhart, IN		0.121	1.1	89	Marginal	2	0	2	403	5	IN	msa	89
Kansas City, MO-KS		0.120	1.2	89	SubMarginal	5	0	5	1,362	7	KS-MO	msa	no
Total Areas 98						261	101	362	140,003				

Yr = Data from 1987-89 or 1988-90; RT = Rural Transport; * 5% Classification Change

No. Counties Before '90 = Prior designation retained by operation of law; Sip Call = EPA called for a new State Implementation Plan

Ozone Nonattainment Areas - Prior Designation Retained by Operation of Law

But Without Measured Violations
Based on 1987-89 Data
CMSA/MSA/Non-MSA

Design Value ppm

Average Expected Exceedance

No. Counties Nonatt.

Population (1,000)

EPA Region

State

Located in a CMSA MSA

Counties Within the Nonattainment Area

10/30/91

TRANSITIONAL AREAS

Chico, CA	0.100	0.0	1	182	9	CA	msa	Butte
Clinton Co, OH	0.121	0.7	1	35	5	OH	no	
Denver-Boulder, CO	0.122	0.7	6	1,848	8	CO	cmsa	E-Boulder, Denver, Jefferson, Douglas, W-Adams & Arapahoe
Flint, MI	0.124	1.0	1	430	5	MI	msa	Genesee
Imperial Co, CA	0.110	0.0	1	109	9	CA	no	
Jacksonville, FL	0.119	0.7	1	673	4	FL	msa	Duval
Lafayette, LA	0.105	0.0	1	165	6	LA	msa	Lafayette
Lansing-East Lansing, MI	0.117	0.0	3	433	5	MI	msa	Clinton, Eaton, Ingham
New Orleans, LA	0.121	0.4	4	1,054	6	LA	msa	Jefferson, Orleans, St Bernard, St Charles
Preble Co, OH	0.118	0.3	1	40	5	OH	no	
Steubenville, OH	0.118	0.3	1	80	5	OH	msa	Jefferson
Yuba City, CA	0.120	1.0	2	102	9	CA	msa	Sutter (part in Sacramento) & Yuba

12 Transitional Areas

23 5,151

Areas with Incomplete or No Data - Listed by State then Area/County

Beauregard Par, LA	na	na	1	30	6	LA	no	
Grant Par, LA	0.091	0.0	1	18	6	LA	no	
LaFourche Par, LA	0.107	0.0	1	86	6	LA	msa	(Part of Houma-Thibodaux, LA MSA)
St James Par, LA	0.109	0.0	1	21	6	LA	no	
St Mary Par, LA	0.101	0.0	1	58	6	LA	no	
Franklin Co (part), ME	0.093	0.0	1	29	1	ME	no	(Part of Co)
Oxford Co (part), ME	na	na	1	53	1	ME	no	(Part of Co)
Somerset Co (part), ME	na	na	1	50	1	ME	no	(Part of Co)
Allegan Co, MI	na	na	1	91	5	MI	no	
Barry Co, MI	na	na	1	50	5	MI	no	
Battle Creek, MI	na	na	1	136	5	MI	msa	Calhoun
Benton Harbor, MI	na	na	1	161	5	MI	msa	Berrien
Branch Co, MI	na	na	1	42	5	MI	no	
Cass Co, MI	na	na	1	49	5	MI	no	
Gratiot Co, MI	na	na	1	39	5	MI	no	
Hillsdale Co, MI	na	na	1	43	5	MI	no	
Huron Co, MI	na	na	1	35	5	MI	no	

Ozone Nonattainment Areas - Prior Designation Retained by Operation of Law

But Without Measured Violations Based on 1987-89 Data CMSA/MSA/Non-MSA	Design Value ppm	Average Expected Exceedance	No. Counties Nonatt.	Population (1,000)	EPA Region	State	Located in a CMSA MSA	Counties Within the Nonattainment Area	10/30/91
Ionia Co, MI	na	na	1	57	5	MI	no		
Jackson, MI	na	na	1	150	5	MI	msa	Jackson	
Kalamazoo, MI	na	na	1	223	5	MI	msa	Kalamazoo	
Lapeer Co, MI	na	na	1	75	5	MI	no		
Lenawee Co, MI	na	na	1	91	5	MI	no		
Montcalm Co, MI	na	na	1	53	5	MI	no		
Saginaw-Bay City-Midland, MI	na	na	3	399	5	MI	msa	Bay, Midland, Saginaw	
Sanilac Co, MI	na	na	1	40	5	MI	no		
Shiawassee Co, MI	na	na	1	70	5	MI	no		
St Joseph Co, MI	na	na	1	59	5	MI	no		
Tuscola Co, MI	na	na	1	55	5	MI	no		
Van Buren Co, MI	na	na	1	70	5	MI	no		
Belknap Co, NH	na	na	1	49	1	NH	no		
Cheshire Co, NH	na	na	1	70	1	NH	no		
Sullivan Co, NH	na	na	1	39	1	NH	no		
Columbiana Co, OH	na	na	1	108	5	OH	no		
Salem, OR	0.095	0.0	2	278	10	OR	msa	Marion (part) & Polk (part)	
Crawford Co, PA	na	na	1	86	3	PA	no		
Franklin Co, PA	na	na	1	121	3	PA	no		
Greene Co, PA	na	na	1	40	3	PA	no		
Juniata Co, PA	na	na	1	21	3	PA	no		
Lawrence Co, PA	0.122	1.0	1	96	3	PA	no		
Northumberland Co, PA	na	na	1	97	3	PA	no		
Pike Co, PA	na	na	1	28	3	PA	no		
Schuylkill Co, PA	na	na	1	153	3	PA	no		
Snyder Co, PA	na	na	1	37	3	PA	no		
Susquehanna Co, PA	na	na	1	40	3	PA	no		
Warren Co, PA	na	na	1	45	3	PA	no		
Wayne Co, PA	na	na	1	40	3	PA	no		
Victoria, TX	0.110	0.0	1	74	6	TX	msa	Victoria	
47 Areas With Incomplete or No Data			50	3,755					
59 Transitional & Incomplete Data Areas			73	8,906					

"Transitional" areas had 3 complete years of data; "Incomplete data" areas had no data or less than 3 complete years of data.

Ozone Nonattainment Areas

Alabama (Region IV)

Birmingham (Marginal)
Jefferson Co.
Shelby Co.

Arizona (Region IX)

Phoenix (Moderate)
Maricopa Co.^P
Maricopa Association of
Governments Urban Planning Area¹

California (Region IX)

Los Angeles-South Coast Air Basin
(Extreme)
See 40 CFR 81.17¹
Los Angeles Co.^P
Orange Co.
Riverside Co.^P
San Bernardino Co.^P

Monterey Bay (Moderate)
Monterey Co.
San Benito Co.²
Santa Cruz Co.²

Sacramento Metro (Serious)
El Dorado Co.^P
All of county up to Lake Tahoe¹
Placer Co.^P
All of county up to Lake Tahoe¹
Sacramento Co.
Solano Co.^P
Northeastern portion¹
Sutter Co.^P
Southern portion¹
Yolo Co.

San Diego (Severe-15)
San Diego Co.

San Francisco-Bay Area (Moderate)
Alameda Co.
Contra Costa Co.
Marin Co.
Napa Co.
San Francisco Co.
San Mateo Co.
Santa Clara Co.
Solano Co.^P
Southeastern portion¹
Sonoma Co.^P
Southern portion¹

San Joaquin Valley (Serious)
Fresno Co.
Kern Co.
Kings Co.
Madera Co. CA
Merced Co.
San Joaquin Co.
Stanislaus Co.
Tulare Co.

Santa Barbara-Santa Maria-Lompoc
(Moderate)

Santa Barbara Co.

Southeast Desert Modified AQMA
(Severe-17)
Modified AQMA¹
Los Angeles Co.^P
Riverside Co.^P
San Bernardino Co.^P

Ventura County (Severe-15*)

Chico (Transitional)
Butte Co.
Imperial Co. (Transitional)
Yuba City (Transitional)
Sutter Co.^P
Northern portion¹
Yuba Co

Colorado (Region VIII)

Denver-Boulder (Transitional)
Adams Co.^P
West of Kiowa Creek
Arapahoe Co.^P
West of Kiowa Creek
Boulder Co.^P
Excluding Rocky Mtn. National Park
Denver Co.
Douglas Co.
Jefferson Co.

Connecticut (Region I)

Greater Connecticut (Serious)
Fairfield Co.^P
City of Shelton
Hartford Co.
Litchfield Co.^P
All cities and townships except
Bridgewater town
New Milford town

Middlesex Co.
New Haven Co.
New London Co.
Tolland Co.
Windham Co.

New York-N. New Jersey-Long Island
(Severe-17)

Fairfield Co.^P
All cities and townships except
Shelton city
Litchfield Co.^P
Bridgewater town
New Milford town

Delaware (Region III)

Philadelphia-Wilmington-Trenton (Severe-15)

New Castle Co.
Kent Co.²
Sussex Co. (Marginal) (New)

District of Columbia (Region III)

Washington (Serious)
Entire District

Florida (Region IV)

Miami-Fort Lauderdale-W. Palm Beach
(Moderate)
Broward Co.
Dade Co.
Palm Beach Co.²
Tampa-St. Petersburg-Clearwater (Marginal)
Hillsborough Co.
Pinellas Co.

Jacksonville (Transitional)
Duval Co.

Georgia (Region IV)

Atlanta (Serious)
Cherokee Co.
Clayton Co.
Cobb Co.
Coweta Co.
De Kalb Co.
Douglas Co.
Fayette Co.
Forsyth Co.
Fulton Co.
Gwinnett Co.
Henry Co.
Paulding Co.
Rockdale Co.

Illinois (Region V)

Chicago-Gary-Lake County (Severe-17)

Cook Co.
Du Page Co.
Grundy Co.^P
Aux Sable township
Goose Lake townships
Kane Co.
Kendall Co.^P
Oswego township
Lake Co.
Mc Henry Co.
Will Co.
Jersey Co. (Marginal) (New)
St. Louis (Moderate)
Madison Co.
Monroe Co.
St. Clair Co.

Indiana (Region V)

Chicago-Gary-Lake County (Severe-17)

Lake Co.
Porter Co.
Evansville (Marginal) (New)
Vanderburgh Co.
Indianapolis (Marginal)
Marion Co.
Louisville (Moderate)
Clark Co.
Floyd Co.
South Bend-Elkhart (Marginal)
St. Joseph Co.
Elkhart Co.²

Kansas (Region VII)

Kansas City (Sub-Marginal)
Johnson Co
Wyandotte Co

Kentucky (Region IV)

Cincinnati-Hamilton (Moderate)
Boone Co.
Campbell Co.
Kenton Co.

Edmonson Co. (Rural Transport
- Marginal*) (New)
Huntington-Ashland (Moderate*)
Boyd Co.
Greenup Co.^p
See boundary description¹
Lexington-Fayette (Marginal) (New)
Fayette Co.
Scott Co.
Louisville (Moderate)
Bullitt Co.^p
See boundary description¹
Jefferson Co.
Oldham Co.^p
See boundary description¹
Owensboro (Marginal) (New)
Davies Co.
Hancock Co.^{p2}
See boundary description¹
Paducah (Marginal) (New)
Livingston Co.^p
See boundary description¹
Marshall Co.

Louisiana (Region VI)

Baton Rouge (Serious)
Ascension Par.
E. Baton Rouge Par.
Livingston Par.
W. Baton Rouge Par.
Iberville Par.²
Pointe Coupee Par.²
Lake Charles (Marginal)
Calcasieu Par
Lafayette (Transitional)
Lafayette Par
New Orleans (Transitional)
Jefferson Par
Orleans Par
St. Bernard Par
St. Charles Par
Beauregard Par (Incomplete Data)
Grant Par (Incomplete Data)
Lafourche Par (Incomplete Data)
St James Par (Incomplete Data)
St Mary Par (Incomplete Data)

Maine (Region I)

Hancock and Waldo Cos. (Marginal)
Knox and Lincoln Cos. (Moderate*)
Lewiston-Auburn (Moderate*)
Androscoggin Co.
Kennebec Co.²
Portland (Moderate)
Cumberland Co.
Sagadahoc Co.
York Co.
Franklin Co.^p (Incomplete Data)
See boundary description¹
Oxford Co.^p (Incomplete Data)
See boundary description¹
Somerset Co.^p (Incomplete Data)
See boundary description¹

Maryland (Region III)

Baltimore (Severe-15)
Anne Arundel Co.
Baltimore Co.
Carroll Co.
Harford Co.
Howard Co.
Baltimore (City)
Kent and Queen Anne's Cos.
(Marginal) (New)
Philadelphia-Wilmington-Trenton (Severe-15)
Cecil Co.
Washington (Serious)
Calvert Co.
Charles Co.
Frederick Co.
Montgomery Co.
Prince George's Co.

Massachusetts (Region I)

Boston-Lawrence-Worcester (E. MA)
(Serious)
Barnstable Co.
Bristol Co.
Dukes Co.
Essex Co.
Middlesex Co.
Nantucket Co.
Norfolk Co.
Plymouth Co.
Suffolk Co.
Worcester Co.
Springfield (Western MA) (Serious)
Berkshire Co.
Franklin Co.
Hampden Co.
Hampshire Co.

Michigan (Region V)

Detroit-Ann Arbor (Moderate)
Livingston Co.
Macomb Co.
Monroe Co.
Oakland Co.
St. Clair Co.
Washtenaw Co.
Wayne Co.
Grand Rapids (Moderate)
Kent Co.
Ottawa Co.
Muskegon (Serious*)
Muskegon Co.³
Flint (Transitional)
Genesee Co.
Lansing-East Lansing (Transitional)
Clinton Co.
Eaton Co.
Ingham Co.
Allegan Co. (Incomplete Data)
Barry Co. (Incomplete Data)
Battle Creek (Incomplete Data)
Calhoun Co.
Benton Harbor (Incomplete Data)
Berrien Co.
Branch Co. (Incomplete Data)
Cass Co. (Incomplete Data)

Gratiot Co. (Incomplete Data)
Hillsdale Co. (Incomplete Data)
Huron Co. (Incomplete Data)
Ionia Co. (Incomplete Data)
Jackson (Incomplete Data)
Jackson Co.
Kalamazoo (Incomplete Data)
Kalamazoo Co.
Lapeer Co. (Incomplete Data)
Lenawee Co. (Incomplete Data)
Montcalm Co. (Incomplete Data)
St Joseph Co. (Incomplete Data)
Saginaw-Bay City-Midland
(Incomplete Data)
Bay Co.
Midland Co.
Saginaw Co.
Sanilac Co. (Incomplete Data)
Shiawassee Co. (Incomplete Data)
Tuscola Co. (Incomplete Data)
Van Buren Co. (Incomplete Data)

Missouri (Region VII)

Kansas City (Sub-Marginal)
Clay Co.
Jackson Co.
Platte Co.
St. Louis (Moderate)
Franklin Co.
Jefferson Co.
St. Charles Co.
St. Louis Co.
St. Louis

Nevada (Region IX)

Reno (Marginal) (New)
Washoe Co.

New Hampshire (Region I)

Boston-Lawrence-Worcester (E. MA)
(Serious)
Hillsborough Co.(Part)
Pelham town
Amherst town
Brookline town
Hollis town
Hudson town
Litchfield town
Merrimack town
Milford town
Mont Vernon town
Nashua city
Wilton town
Rockingham Co.(Part)
Atkinson town
Brentwood town
Danville town
Derry town
E. Kingston town
Hampstead town
Hampton Falls town
Kensington town
Kingston town
Londonderry town
Newton town
Plaistow town

Salem town
Sandown town
Seabrook town
South Hampton town
Windham town
Manchester (Marginal)
Hillsborough Co.^P:
Antrim town
Bedford town
Bennington town
Deering town
Francestown town
Goffstown town
Greenfield town
Greenville town
Hancock town
Hillsborough town
Lyndeborough town
Manchester city
Mason town
New Boston town
New Ipswich town
Peterborough town
Sharon town
Temple town
Weare town
Windsor town
Merrimack Co.
Rockingham Co.^P:
Auburn town
Candia town
Chester town
Deerfield town
Epping town
Fremont town
Northwood town
Nottingham town
Raymond town
Portsmouth-Dover-Rochester (Serious)
Rockingham Co.(Part)
Exeter town
Greenland town
Hampton town
New Castle town
Newfields town
Newington town
Newmarket town
North Hampton town
Portsmouth city
Rye town
Stratham town
Strafford Co.
Belknap Co. (Incomplete Data)
Cheshire Co. (Incomplete Data)
Sullivan Co. (Incomplete Data)

New Jersey (Region II)

Allentown-Bethlehem-Easton (Marginal)
Warren Co.
Atlantic City (Moderate)
Atlantic Co.
Cape May Co.
New York-N. New Jersey-Long Island (Severe-17)
Bergen Co.
Essex Co.
Hudson Co.
Hunterdon Co.

Middlesex Co.
Monmouth Co.
Morris Co.
Ocean Co.
Passaic Co.
Somerset Co.
Sussex Co.
Union Co.
Philadelphia-Wilmington-Trenton. (Severe-15)
Burlington Co.
Camden Co.
Cumberland Co.
Gloucester Co.
Mercer Co.
Salem Co.

New York (Region II)

Albany-Schenectady-Troy (Marginal) (New)
Albany Co.
Greene Co.
Montgomery Co.
Rensselaer Co.
Saratoga Co.
Schenectady Co.
Buffalo-Niagara Falls (Marginal) (New)
Erie Co.
Niagara Co.
Essex Co.^P (Rural Transport - Marginal) (New)
The portion of Whiteface Mountain above 4,500 feet in elevation in Essex County
Jefferson Co. (Marginal*) (New)
New York-N. New Jersey-Long Island (Severe-17)
Bronx Co.
Kings Co.
Nassau Co.
New York Co.(Manhattan)
Orange Co.³
Putnam Co.³
Queens Co.
Richmond Co.
Rockland Co.
Suffolk Co.
Westchester Co.
Poughkeepsie (Marginal) (New)
Dutchess Co.

North Carolina (Region IV)

Charlotte-Gastonia (Moderate)
Gaston Co.
Mecklenburg Co.
Greensboro-Winston-Salem-High Point (Moderate) (New)
Davidson Co.
Davie Co.^P
The area bounded by the Yadkin River, Dutchmans Creek, North Carolina Highway 801, and Fulton Creek
Forsyth Co.
Guilford Co.
Raleigh-Durham (Moderate) (New)
Durham Co.
Wake Co.
Granville Co.^{P2}
Dutchville township

Ohio (Region V)

Canton (Marginal)
Stark Co.
Cincinnati-Hamilton (Moderate)
Butler Co.
Clermont Co.
Hamilton Co.
Warren Co.
Cleveland-Akron-Lorain (Moderate)
Cuyahoga Co.
Geauga Co.
Lake Co.
Lorain Co.
Medina Co.
Portage Co.
Summit Co.
Ashtabula Co.²
Columbus (Marginal) (New)
Delaware Co.
Franklin Co.
Licking Co.
Dayton-Springfield (Moderate)
Clark Co.
Greene Co.
Miami Co.
Montgomery Co.
Toledo (Moderate)
Lucas Co.
Wood Co.
Youngstown-Warren-Sharon (Marginal)
Mahoning Co.
Trumbull Co.
Clinton Co. (Transitional)
Preble Co. (Transitional)
Steubenville (Transitional)
Jefferson Co.
Columbiana Co. (Incomplete Data)

Oregon (Region X)

Portland-Vancouver AQMA (Marginal)
Air Quality Maintenance Area
Clackamas Co.^P
Multnomah Co.^P
Washington Co.^P
Salem (Incomplete Data)
Salem, City of
Marion Co.^P
Polk Co.^P

Pennsylvania (Region III)

Allentown-Bethlehem-Easton (Marginal)
Carbon Co.
Lehigh Co.
Northampton Co.
Altoona (Marginal) (New)
Blair Co.
 Erie (Marginal)
Erie Co.
Harrisburg-Lebanon-Carlisle (Marginal)
Cumberland Co.
Dauphin Co.
Lebanon Co.
Perry Co.
Johnstown (Marginal) (New)
Cambria Co.
Somerset Co.

Lancaster (Marginal)

Lancaster Co.

Philadelphia-Wilmington-Trenton

(Severe-15)

Bucks Co.

Chester Co.

Delaware Co.

Montgomery Co.²

Philadelphia Co.

Pittsburgh-Beaver Valley (Moderate)

Allegheny Co.

Beaver Co.

Fayette Co.

Washington Co.

Westmoreland Co.

Armstrong Co.²Butler Co.²**Reading (Moderate)**

Berks Co.

Scranton-Wilkes-Barre (Marginal)

Columbia Co.

Lackawanna Co.

Luzerne Co.

Monroe Co.

Wyoming Co.

York (Marginal)

Adams Co.

York Co.

Youngstown-Warren-Sharon (Marginal)

Mercer Co.

Crawford Co. (Incomplete Data)**Franklin Co. (Incomplete Data)****Greene Co. (Incomplete Data)****Juniata Co. (Incomplete Data)****Lawrence Co. (Incomplete Data)****Northumberland Co. (Incomplete Data)****Pike Co. (Incomplete Data)****Schuylkill Co. (Incomplete Data)****Snyder Co. (Incomplete Data)****Susquehanna Co. (Incomplete Data)****Warren Co. (Incomplete Data)****Wayne Co. (Incomplete Data)****Rhode Island (Region I)****Providence (All RI) (Serious)**

Bristol Co.

Kent Co.

Newport Co.

Providence Co.

Washington Co.

South Carolina (Region IV)**Cherokee Co. (Marginal) (New)****Tennessee (Region IV)****Knoxville (Marginal) (New)**

Knox Co.

Memphis (Marginal*)

Shelby Co.

Nashville (Moderate)

Davidson Co.

Rutherford Co.

Sumner Co.

Williamson Co.

Wilson Co.

Texas (Region VI)**Beaumont-Port Arthur (Serious)**

Hardin Co.

Jefferson Co.

Orange Co.

Dallas-Ft. Worth (Moderate)

Collin Co.

Dallas Co.

Denton Co.

Tarrant Co.

El Paso (Serious)

El Paso Co.

Houston-Galveston-Brazoria (Severe-17)

Brazoria Co.

Fort Bend Co.

Galveston Co.

Harris Co.

Liberty Co.

Montgomery Co.

Waller Co.

Chambers Co.²**Victoria (Incomplete Data)**

Victoria Co.

Utah (Region VIII)**Salt Lake City (Moderate)**

Davis Co.

Salt Lake Co.

Virginia (Region III)**Norfolk-Virginia Beach-Newport News**

(Marginal) (New)

James City Co.

York Co.

Chesapeake

Hampton

Newport News

Norfolk

Poquoson

Portsmouth

Suffolk

Virginia Beach

Williamsburg

Richmond-Petersburg (Moderate)

Charles City Co.

Chesterfield Co.

Hanover Co.

Henrico Co.

Colonial Heights

Hopewell

Richmond

Smyth Co.^P (Rural Transport

- Marginal) (New)

The portion of White Top Mountain

above 4,500 feet elevation in Smyth

county

Washington (Serious)

Arlington Co.

Fairfax Co.

Loudoun Co.

Prince William Co.

Stafford Co.

Alexandria

Fairfax

Falls Church

Manassas

Manassas Park**Washington (Region X)****Portland-Vancouver AQMA (Marginal)**Clark Co.^P

Air Quality Maintenance Area

Seattle-Tacoma (Marginal) (New)

King Co.

Pierce Co.

Snohomish Co.

West Virginia (Region III)**Charleston (Moderate) (New)**

Kanawha Co.

Putnam Co.

Greenbrier Co. (Marginal) (New)**Huntington-Ashland (Moderate*)**

Cabell Co.

Wayne Co.

Parkersburg (Moderate) (New)

Wood Co.

Wisconsin (Region V)**Door Co. (Rural Transport - Marginal) (New)****Kewaunee Co. (Moderate) (New)****Manitowoc Co. (Moderate*) (New)****Milwaukee-Racine (Severe-17)**

Kenosha Co.

Milwaukee Co.

Ozaukee Co.

Racine Co.

Washington Co.

Waukesha Co.

Sheboygan (Serious)

Sheboygan Co.

Walworth Co. (Marginal) (New)

Notes:^P A portion of the county is located within the area and is designated nonattainment.¹ For a description of the geographic boundary, see the following document.² The counties (or cities or townships) are either (a) part of the previous planning area but not part of the CMSA (or MSA) or (b) counties adjacent to the CMSA (or MSA) and measuring violations.³ The State requested time to study the boundaries and/or classification under Sec. 107(d)(4)(A)(iv). The boundaries and/or classification of the area will be determined based upon evaluation of that study by EPA. Any changes in the boundary may result in a change in the classification for part of the county.^{*} 5% classification change Sec. 181.(a)(3)

(New) Entire area will be designated nonattainment on the effective date of the Federal Register.

Detailed Description of Nonattainment Area Boundaries for Certain Nonattainment Areas

ArizonaPhoenixMaricopa County (part)

The Urban Planning Area of the Maricopa Association of Governments is bounded as follows:

1. Commencing at a point which is at the intersection of the eastern line of Range 7 East, Gila and Salt River Baseline and Meridian, and the southern line of Township 2 South, said point is the southeastern corner of the Maricopa Association of Governments Urban Planning Area, which is the point of beginning;
2. thence, proceed northerly along the eastern line of Range 7 East, which is the common boundary between Maricopa and Pinal Counties, as described in Arizona Revised Statute Section 11-109, to a point where the eastern line of Range 7 East intersects the northern line of Township 1 North, said point is also the intersection of the Maricopa County Line and the Tonto National Forest Boundary, as established by Executive Order 869 dated July 1, 1908, as amended and shown on the U.S. Forest Service 1969 Planimetric Maps;
3. thence, westerly along the northern line of Township 1 North to approximately the southwest corner of the southeast quarter of Section 35, Township 2 North, Range 7 East, said point being the boundary of the Tonto National Forest and Utery Mountain Semi-Regional Park;
4. thence, northerly along the Tonto National Forest Boundary, which is generally the western line of the east half of Sections 26 and 35 of Township 2 North, Range 7 East, to a point which is where the quarter section line intersects with the northern line of Section 26, Township 2 North, Range 7 East, said point also being the northeast corner of the Utery Mountain Semi-Regional Park;
5. thence, westerly along the Tonto National Forest Boundary, which is generally the south line of Sections 19, 20, 21 and 22 and the southern line of the west half of Section 23, Township 2 North, Range 7 East, to a point which is the southwest corner of Section 19, Township 2 North, Range 7 East;
6. thence, northerly along the Tonto National Forest Boundary to a point where the Tonto National Forest Boundary intersects with the eastern boundary of the Salt River Indian Reservation, generally described as the center line of the Salt River Channel;
7. thence, northeasterly and northerly along the common boundary of the Tonto National Forest and the Salt River Indian Reservation to a point which is the northeast corner of the Salt River Indian Reservation, and the southeast corner of the Fort McDowell Indian Reservation, as shown on the plat dated July 22, 1902, and recorded with the U.S. Government on June 15, 1902;
8. thence, northeasterly along the common boundary between the Tonto National Forest and the Fort McDowell Indian Reservation to a point which is the northeast corner of the Fort McDowell Indian Reservation;
9. thence, southwesterly along the northern boundary of the Fort McDowell Indian Reservation, which line is a common boundary with the Tonto National Forest, to a point where the boundary intersects with the eastern line of Section 12, Township 4 North, Range 6 East;
10. thence, northerly along the eastern line of Range 6 East to a point where the eastern line of Range 6 East intersects with the southern line of Township 5 North, said line is the boundary between the Tonto National Forest and the east boundary of the McDowell Mountain Regional Park;
11. thence, westerly along the southern line of Township 5 North to a point where the southern line intersects with the eastern line of Range 5 East which line is the boundary of Tonto National Forest and the north boundary of McDowell Mountain Regional Park;
12. thence, northerly along the eastern line of Range 5 East to a point where the eastern line of Range 5 East intersects with the northern line of Township 5 North, which line is the boundary of the Tonto National Forest;
13. thence, westerly along the northern line of Township 5 North to a point where the northern line of Township 5 North intersects with the easterly line of Range 4 East, said line is the boundary of the Tonto National Forest;
14. thence, northerly along the eastern line of Range 4 East to a point where the eastern line of Range 4 East intersects with the northern line of Township 6 North, which line is the boundary of the Tonto National Forest;
15. thence, westerly along the northern line of Township 6 North to a point of intersection with the Maricopa-Yavapai County line, which is generally described in Arizona Revised Statute Section 11-109 as the center line of the Aqua Fria River (Also the north end of Lake Pleasant);
16. thence, southwesterly and southerly along the Maricopa-Yavapai County line to a point which is described by Arizona Revised Statute Section 11-109 as being on the center line of the Aqua Fria River, two miles southerly and below the mouth of Humbug Creek;
17. thence, southerly along the center line of the Aqua Fria River to the intersection of the center line of the Aqua Fria River and the center line of Beardsley Canal, said point is generally in the northeast quarter of Section 17, Township 5 North, Range 1 East, as shown on the U.S. Geological Survey's Baldy Mountain, Arizona Quadrangle Map, 7.5 Minute series (Topographic), dated 1964;
18. thence, southwesterly and southerly along the center line of Beardsley Canal to a point which is the center line of the Beardsley Canal where it intersects with the center line of Indian School Road;
19. thence, westerly along the center line of West Indian School Road to a point where the center line of West Indian School Road intersects with the center line of North Jackrabbit Trail;
20. thence, southerly along the center line of Jackrabbit Trail approximately nine and three-quarter miles to a point where the center line of Jackrabbit Trail intersects with the Gila River, said point is generally on the north-south quarter section line of Section 8, Township 1 South, Range 2 West;
21. thence, northeasterly and easterly up the Gila River to a point where the Gila River intersects with the northern extension of the western boundary of Estrella Mountain Regional Park, which point is generally the quarter corner of the northern line of Section 31, Township 1 North, Range 1 West;
22. thence, southerly along the extension of the western boundary and along the western boundary of Estrella Mountain Regional Park to a point where the southern extension of the western boundary of Estrella Mountain Regional Park intersects with the southern line of Township 1 South;
23. thence, easterly along the southern line of Township 1 South to a point where the south line of Township 1 South intersects with the western line of Range 1 East, which line is generally the southern boundary of Estrella Mountain Regional Park;
24. thence, southerly along the western line of Range 1 East to the southwest corner of Section 18, Township 2 South, Range 1 East, said line is the western boundary of the Gila River Indian Reservation;
25. thence, easterly along the southern boundary of the Gila River Indian reservation, which is the southern line of Sections 13, 14, 15, 16, 17 and 18, Township 2 South, Range 1 East, to the boundary between Maricopa and Pinal Counties as described in Arizona Revised Statutes Section 11-109 and 11-113, which is the eastern line of Range 1 East;
26. thence, northerly along the eastern boundary of Range 1 East, which is the common boundary between Maricopa and Pinal Counties, to a point where the eastern line of Range 1 East intersects the Gila River;
27. thence, southerly up the Gila River to a point where the Gila River intersects with the southern line of Township 2 South; and
28. thence, easterly along the southern line of Township 2 South to the point of beginning which is a point where the southern line of Township 2 South intersects with the eastern line of Range 7 East.

California**San Francisco-Bay Area (part)**Solano Co. (part):

That portion of Solano County which lies south and west of a line described below.

Description of boundary in Solano county between San Francisco and Sacramento: Beginning at the intersection of the westerly boundary of Solano County and the 1/4 section line running east and west through the center of Section 34; T. 6 N., R. 2 W., M.D.B.&M., thence east along said 1/4 section line to the east boundary of Section 36, T. 6 N., R. 2 W., thence south 1/2 mile and east 2.0 miles, more or less, along the west and south boundary of Los Potos Rancho to the northwest corner of Section 4, T. 5 N., R. 1 W., thence east along a line common to T. 5 N. and T. 6 N. to the northeast corner of Section 3, T. 5 N., R. 1 E., thence south along section lines to the southeast corner of Section 10, T. 3 N., R. 1 E., thence east along section lines to the south 1/4 corner of Section 8, T. 3 N., R. 2 E., thence east to the boundary between Solano and Sacramento Counties.

Sonoma County (part):

That portion of Sonoma County which lies south and east of a line described as follows: Beginning at the southeasterly corner of the Rancho Estero Americano, being on the boundary line between Marin and Sonoma Counties, California; thence running northerly along the easterly boundary line of said Rancho Estero Americano to the northeasterly corner thereof, being an angle corner in the westerly boundary line of Rancho Canada de Jonive, thence running along said boundary of Rancho Canada de Jonive westerly, northerly and easterly to its intersection with the easterly line of Graton Road; thence running along the easterly and southerly line of Graton Road, northerly and easterly to its intersection with the easterly line of Sullivan Road; thence running northerly along said easterly line of Sullivan Road to the southerly line of Green Valley Road; thence running easterly along the said southerly line of Green Valley Road and easterly along the southerly line of State Highway 116, to the westerly and northerly line of Vine Hill Road; thence running along the westerly and northerly line of Vine Hill Road, northerly and easterly to its intersection with the westerly line of Laguna Road; thence running northerly along the westerly line of Laguna Road and the northerly projection thereof to the northerly line of Trenton Road; thence running westerly along the northerly line of said Trenton Road to the easterly line of Trenton-Healdsburg Road; thence running northerly along said easterly line of Trenton-Healdsburg Road to the easterly line of Eastside Road; thence running northerly along said easterly line of Eastside Road to its intersection with the southerly line of Rancho Sotoyome; thence running easterly along said southerly line of Rancho Sotoyome to its intersection with the township line common to Townships 8 and 9 North, Mt. Diablo Base and Meridian; thence running easterly along said township line to its intersection with the boundary line between Sonoma and Napa Counties, State of California. [36 FR 22421, Nov. 25, 1971, as amended at 46 FR 3889, Jan. 16, 1981]

Sacramento Metro (part)El Dorado County (part):

All portions of the county except that portion of El Dorado County within the drainage area naturally tributary to Lake Tahoe including said Lake. (See 40 CFR 81.275)

Placer County (part):

All portions of the county except that portion of Placer County within the drainage area naturally tributary to Lake Tahoe including said Lake, plus that area in the vicinity of the head of the Truckee River described as follows: commencing at the point common to the aforementioned drainage area crestline and the line common to Townships 15 North and 16 North, Mount Diablo Base and Meridian (M.D.B.&M.), and following that line in a westerly direction to the northwest corner of Section 3, Township 15 North, Range 16 East, M.D.B.&M., thence south along the west line of Sections 3 and 10, Township 15 North, Range 16 East, M.D.B.&M., to the intersection with the said drainage area crestline, thence following the said drainage area boundary in a southeasterly, then northeasterly direction to and along the Lake Tahoe Dam, thence following the said drainage area crestline in a northeasterly, then northwesterly direction to the point of beginning. [46 FR 3891, Jan. 16, 1981] (See 40 CFR 81.275)

Solano Co. (part)

That portion of Solano County which lies north and east of a line described below.

Description of boundary in Solano county between San Francisco and Sacramento: Beginning at the intersection of the westerly boundary of Solano County and the 1/4 section line running east and west through the center of Section 34; T. 6 N., R. 2 W., M.D.B.&M., thence east along said 1/4 section line to the east boundary of Section 36, T. 6 N., R. 2 W., thence south 1/2 mile and east 2.0 miles, more or less, along the west and south boundary of Los Potos Rancho to the northwest corner of Section 4, T. 5 N., R. 1 W., thence east along a line common to T. 5 N. and T. 6 N. to the northeast corner of Section 3, T. 5 N., R. 1 E., thence south along section lines to the southeast corner of Section 10, T. 3 N., R. 1 E., thence east along section lines to the south 1/4 corner of Section 8, T. 3 N., R. 2 E., thence east to the boundary between Solano and Sacramento Counties.

Sutter Co. (part - southern portion)

South of a line connecting the northern border of Yolo Co. to the SW tip of Yuba Co. and continuing along the southern Yuba Co. border to Placer Co.

Yuba City (part)Sutter Co. (part- northern portion)

North of a line connecting the northern border of Yolo Co. to the SW tip of Yuba Co. and continuing along the southern Yuba Co. border to Placer Co.

Los Angeles-South Coast Air Basin**Orange County - Entire county**

Los Angeles County (part) - that portion of Los Angeles County which lies south and west of a line described as follows:

1. Beginning at the Los Angeles - San Bernardino County boundary and running west along the township line common to Township 3 North and Township 2 North, San Bernardino Base and Meridian;
2. then north along the range line common to Range 8 West and Range 9 West;
3. then west along the township line common to Township 4 North and Township 3 North;
4. then north along the range line common to Range 12 West and Range 13 West to the southeast corner of Section 12, Township 5 North and Range 13 West;
5. then west along the south boundaries of Sections 12, 11, 10, 9, 8, and 7, Township 5 North and Range 13 West to the boundary of the Angeles National Forest which is collinear with the range line common to Range 13 West and Range 14 West;
6. then north and west along the Angeles National Forest boundary to the point of intersection with the township line common to Township 7 North and Township 6 North (point is at the northwest corner of Section 4 in Township 6 North and Range 14 West);
7. then west along the township line common to Township 7 North and Township 6 North;
8. then north along the range line common to Range 15 West and Range 16 West to the southeast corner of Section 13, Township 7 North and Range 16 West;
9. then along the south boundaries of Sections 13, 14, 15, 16, 17, and 18, Township 7 North and Range 16 West;
10. then north along the range line common to Range 16 West and Range 17 West to the north boundary of the Angeles National Forest (collinear with the township line common to Township 8 North and Township 7 North);
11. then west along the Angeles National Forest boundary to the point of intersection with the south boundary of the Rancho La Liebre Land Grant;
12. then west and north along this land grant boundary to the Los Angeles-Kern County boundary.

San Bernardino County (part) - that portion of San Bernardino County which lies south and west of a line described as follows:

1. Beginning at the San Bernardino - Riverside County boundary and running north along the range line common to Range 3 East and Range 2 East, San Bernardino Base and Meridian;
2. then west along the township line common to Township 3 North and Township 2 North to the San Bernardino - Los Angeles County boundary;

Riverside County (part) - that portion of Riverside County which lies to the west of a line described as follows:

1. Beginning at the Riverside - San Diego County boundary and running north along the range line common to Range 4 East and Range 3 East, San Bernardino Base and Meridian;
2. then east along the township line common to Township 8 South and Township 7 South;
3. then north along the range line common to Range 5 East and Range 4 East;
4. then west along the township line common to Township 6 South and Township 7 South to the southwest corner of Section 34, Township 6 South, Range 4 East;
5. then north along the west boundaries of Sections 34, 27, 22, 15, 10, and 3, Township 6 South, Range 4 East;
6. then west along the township line common to Township 5 South and Township 6 South;
7. then north along the range line common to Range 4 East and Range 3 East;
8. then west along the south boundaries of Sections 13, 14, 15, 16, 17, and 18, Township 5 South, Range 3 East;
9. then north along the range line common to Range 2 East and Range 3 East;
10. then west along the township line common to Township 4 South and Township 3 South to the intersection of the southwest boundary of partial Section 31, Township 3 South, Range 1 West;
11. then northwest along that line to the intersection with the range line common to Range 2 West and Range 1 West;
12. then north to the Riverside-San Bernardino County line,

Southeast Desert Modified AQMA

Los Angeles County (part) - that portion of Los Angeles County which lies north and east of a line described as follows:

1. Beginning at the Los Angeles - San Bernardino County boundary and running west along the township line common to Township 3 North and Township 2 North, San Bernardino Base and Meridian;
2. then north along the range line common to Range 8 West and Range 9 West;
3. then west along the township line common to Township 4 North and Township 3 North;
4. then north along the range line common to Range 12 West and Range 13 West to the southeast corner of Section 12, Township 5 North and Range 13 West;
5. then west along the south boundaries of Sections 12, 11, 10, 9, 8, and 7, Township 5 North and Range 13 West to the boundary of the Angeles National Forest which is collinear with the range line common to Range 13 West and Range 14 West;
6. then north and west along the Angeles National Forest boundary to the point of intersection with the township line common to Township 7 North and Township 6 North (point is at the northwest corner of Section 4 in Township 6 North and Range 14 West);
7. then west along the township line common to Township 7 North and Township 6 North;
8. then north along the range line common to Range 15 West and Range 16 West to the southeast corner of Section 13, Township 7 North and Range 16 West;
9. then along the south boundaries of Sections 13, 14, 15, 16, 17, and 18, Township 7 North and Range 16 West;
10. then north along the range line common to Range 16 West and Range 17 West to the north boundary of the Angeles National Forest (collinear with the township line common to Township 8 North and Township 7 North);

11. then west along the Angeles National Forest boundary to the point of intersection with the south boundary of the Rancho La Liebre Land Grant;
12. then west and north along this land grant boundary to the Los Angeles-Kern County boundary.

San Bernardino County (part) - that portion of San Bernardino County which lies north and east of a line described as follows:

1. Beginning at the San Bernardino - Riverside County boundary and running north along the range line common to Range 3 East and Range 2 East, San Bernardino Base and Meridian;
2. then west along the township line common to Township 3 North and Township 2 North to the San Bernardino - Los Angeles County boundary;

and that portion of San Bernardino County which lies south and west of a line described as follows:

3. latitude 35 degrees, 10 minutes north and longitude 115 degrees, 45 minutes west.

Riverside County (part) - that portion of Riverside County which lies to the east of a line described as follows:

1. Beginning at the Riverside - San Diego County boundary and running north along the range line common to Range 4 East and Range 3 East, San Bernardino Base and Meridian;
2. then east along the township line common to Township 8 South and Township 7 South;
3. then north along the range line common to Range 5 East and Range 4 East;
4. then west along the township line common to Township 6 South and Township 7 South to the southwest corner of Section 34, Township 6 South, Range 4 East;
5. then north along the west boundaries of Sections 34, 27, 22, 15, 10, and 3, Township 6 South, Range 4 East;
6. then west along the township line common to Township 5 South and Township 6 South;
7. then north along the range line common to Range 4 East and Range 3 East;
8. then west along the south boundaries of Sections 13, 14, 15, 16, 17, and 18, Township 5 South, Range 3 East;
9. then north along the range line common to Range 2 East and Range 3 East;
10. then west along the township line common to Township 4 South and Township 3 South to the intersection of the southwest boundary of partial Section 31, Township 3 South, Range 1 West;
11. then northwest along that line to the intersection with the range line common to Range 2 West and Range 1 West;
12. then north to the Riverside-San Bernardino County line,

and that portion of Riverside County which lies to the west of a line described as follows:

13. beginning at the northeast corner of Section 4, Township 2 South, Range 5 East, a point on the boundary line common to Riverside and San Bernardino Counties;
14. then southerly along section lines to the centerline of the Colorado River Aquaduct;
15. then southeasterly along the centerline of said Colorado River Aquaduct to the southerly line of Section 36, Township 3 South, Range 7 East;
16. then easterly along the township line to the northeast corner of Section 6, Township 4 South, Range 9 East;
17. then southerly along the easterly line of Section 6 to the southeast corner thereof;
18. then easterly along section lines to the northeast corner of Section 10, Township 4 South, Range 9 East;
19. then southerly along section lines to the southeast corner of Section 15, Township 4 South, Range 9 East;
20. then easterly along the section lines to the northeast corner of Section 21, Township 4 South, Range 10 East;
21. then southerly along the easterly line of Section 21 to the southeast corner thereof;
22. then easterly along the northerly line of Section 27 to the northeast corner thereof;
23. then southerly along section lines to the southeast corner of Section 34, Township 4 South, Range 10 East;
24. then easterly along the township line to the northeast corner of Section 2, Township 5 South, Range 10 East;
25. then southerly along the easterly line of Section 2, to the southeast corner thereof;
26. then easterly along the northerly line of Section 12 to the northeast corner thereof;
27. then southerly along the range line to the southwest corner of Section 18, Township 5 South, Range 11 East;
28. then easterly along section lines to the northeast corner of Section 24, Township 5 South, Range 11 East;
29. then southerly along the range line to the southeast corner of Section 36, Township 8 South, Range 11 East, a point on the boundary line common to Riverside and San Diego Counties.

Kentucky

Huntington-Ashland (part)

Greenup County (part) - the area bounded as follows:

Beginning at a point where the Ohio River meets the Greenup-Boyd County Line; proceeding southwest along the Greenup-Boyd County Line to the junction of the East Fork of the Little Sandy River and the Greenup-Boyd County Line; proceeding north and west along the East Fork of the Little Sandy River to the confluence of the Little Sandy River; proceeding north along the Little Sandy River to the confluence of the Ohio River; proceeding east along the Ohio River to the beginning.

Louisville (part)

Bullitt County (part) - the area bounded as follows:

Beginning at the intersection of Ky 1020 and the Jefferson-Bullitt County Line proceeding to the east along the county line to the intersection of county road 567 and the Jefferson-Bullitt County Line; proceeding south on county road 567 to the junction with Ky 1116 (also Known as Zoneton Road); proceeding to the south on Ky 1116 to the junction with Hebron Lane; proceeding to the south on Hebron Lane to Cedar Creek; proceeding south on Cedar Creek to the confluence of Floyds Fork turning southeast along a creek that meets Ky 44 at Stallings Cemetery; proceeding west along Ky 44 to the eastern most point in the Shepherdsville city limits; proceeding south along the Shepherdsville city limits to the Salt River and west to a point across the river from Mooney

Lane; proceeding south along Mooney Lane to the junction of Ky 480; proceeding west on Ky 480 to the junction with Ky 2237; proceeding south on Ky 2237 to the junction with Ky 61 and proceeding north on Ky 61 to the junction with Ky 1494; proceeding south on Ky 1494 to the junction with the perimeter of the Fort Knox Military Reservation; proceeding north along the military reservation perimeter to Castlemans Branch Road; proceeding north on Castlemans Branch Road to Ky 44; proceeding a very short distance west on Ky 44 to a junction with Ky 1020; proceeding north on Ky 1020 to the beginning.

Oldham County (part) - the area bounded as follows:

Beginning at the intersection of the Oldham-Jefferson County Line with the southbound lane of Interstate 71; proceeding to the northeast along the southbound lane of Interstate 71 to the intersection of Ky 329 and the southbound lane of Interstate 71; proceeding to the northwest on Ky 329 to the intersection of Zaring Road and Ky 329; proceeding to the east-northeast on Zaring Road to the junction of Cedar Point Road and Zaring Road; proceeding to the north-northeast on Cedar Point Road to the junction of Ky 393 and Cedar Point Road; proceeding to the south-southeast on Ky 393 to the junction of county road 746 (the road on the north side of Reformatory Lake and the Reformatory); proceeding to the east-northeast on county road 746 to the junction with Dawkins Lane (also known as Saddlers Mill Road) and county road 746; proceeding to follow an electric power line east-northeast across from the junction of county road 746 and Dawkins Lane to the east-northeast across Ky 53 on to the La Grange Water Filtration Plant; proceeding on to the east-southeast along the power line then south across Fort Pickens Road to a power substation on Ky 146; proceeding along the power line south across Ky 146 and the Seaboard System Railroad track to adjoin the incorporated city limits of La Grange; then proceeding east then south along the La Grange city limits to a point abutting the north side of Ky 712; proceeding east-southeast on Ky 712 to the junction of Massie School Road and Ky 712; proceeding to the south-southwest and then north-northwest on Massie School Road to the junction of Ky 53 and Massie School Road; proceeding on Ky 53 to the north-northwest to the junction of Moody Lane and Ky 53; proceeding on Moody Lane to the south-southwest until meeting the city limits of La Grange; then briefly proceeding north following the La Grange city limits to the intersection of the northbound lane of Interstate 71 and the La Grange city limits; proceeding southwest on the northbound lane of Interstate 71 until intersecting with the North Fork of Currys Fork; proceeding south-southwest beyond the confluence of Currys Fork to the south-southwest beyond the confluence of Floyds Fork continuing on to the Oldham-Jefferson County Line; proceeding northwest along the Oldham-Jefferson County Line to the beginning.

Owensboro

Hancock County (part) - the area bounded as follows:

Beginning at the intersection of U.S. 60 and the Hancock-Daviess County Line; proceeding east along U.S. 60 to the intersection of Yellow Creek and U.S. 60; proceeding north and west along Yellow Creek to the confluence of the Ohio River; proceeding west along the Ohio River to the confluence of Blackford Creek; proceeding south and east along Blackford Creek to the beginning.

Paducah

Livingston Co. (part) - the area bounded as follows:

Beginning at the point where the Marshall, McCracken, and Livingston County Lines meet; proceeding due north to the Ohio River; proceeding east along the Ohio River and that part of the Livingston County Line to the northern most point of Cumberland Island and then south to the point of confluence of the Cumberland River; proceeding east on the Cumberland River to the intersection of U.S. 60 and the Cumberland River; proceeding north on U.S. 60 to the junction of Joe Grimmet Road and U.S. 60; proceeding to the end of Joe Grimmet Road and extending a line from that point to the junction of U.S. 70 and Heater Store Road; proceeding south along Heater Store Road to the intersection of Ky 1889 and Heater Store Road; proceeding south on Harvey Road to the junction of Ky 453 and Harvey Road; proceeding west on Ky 453 to the junction of Haddox Road and Ky 453; proceeding south along Haddox Road to the Tennessee River (at Haddox Ferry); proceeding west on the Tennessee River to the beginning.

Maine

Franklin Co (part)

In the County of Franklin: Avon Town, Carthage Town, Chesterville Town, Farmington Town, Freeman Township, Industry Town, Jay Town, New Sharron Town, New Vineyard Town, Perkins Township, Phillips Town, Salem Township, Strong Town, Temple Town, Township No. 6, Washington Township, Weld Town, Wilton Town. See 40 CFR 81.90

Oxford Co (part)

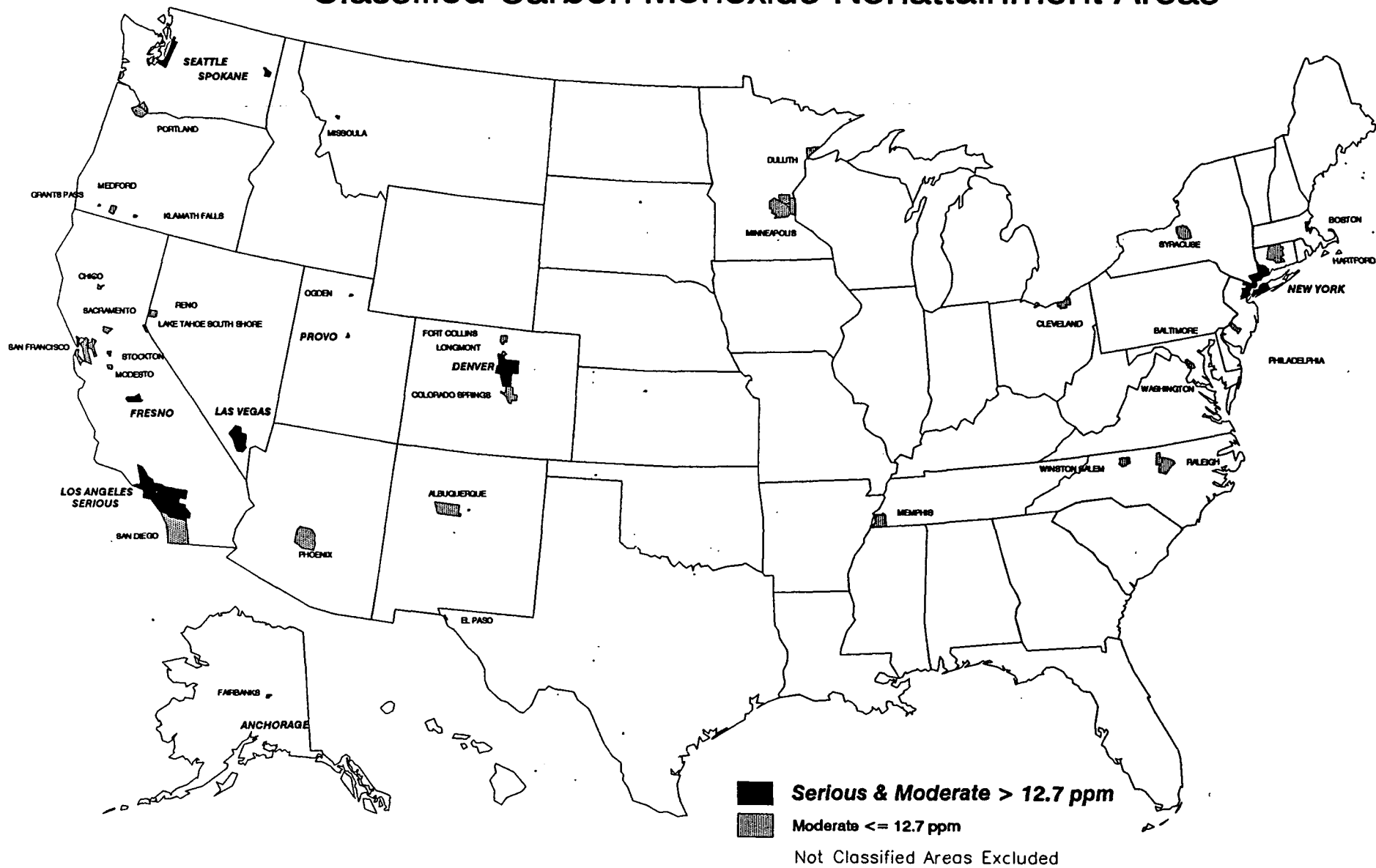
In the County of Oxford: Albany Township, Andover Town, Andover North Surplus, Andover West Surplus, Batchelders Grant, Bethel Town, Buckfield Town, Byron Town, Canton Town, Dixfield Town, Gilead Town, Grafton Township, Greenwood Town, Hanover Town, Hartford Town, Hebron Town, Lovell Town, Mason Township, Mexico Town, Milton Township, Newry Town, Norway Town, Oxford Town, Paris Town, Peru Town, Riley Township, Roxbury Town, Roxbury Town, Rumford Town, Stoneham Town, Stow Town, Sumner Town, Sweden Town, Waterford Town, West Paris Town, Woodstock Town; And Brownfield, Denmark, Fryeburg, Hiram and Porter See 40 CFR 81.90 and 81.78

Somerset Co (part)

Somerset County (part) - That portion of Somerset County which lies south and east of a line described as follows: Beginning at the point where the Somerset-Franklin County boundary is intersected by a line common to the northern boundaries of New Portland Township and running northeast along the northern boundaries of New Portland, Embden, Solon, and Athens Townships to the intersection of said line with the Somerset-Piscataquis County boundary, which is also common to the northeast corner of Athens Township.) See 40 CFR 81.90

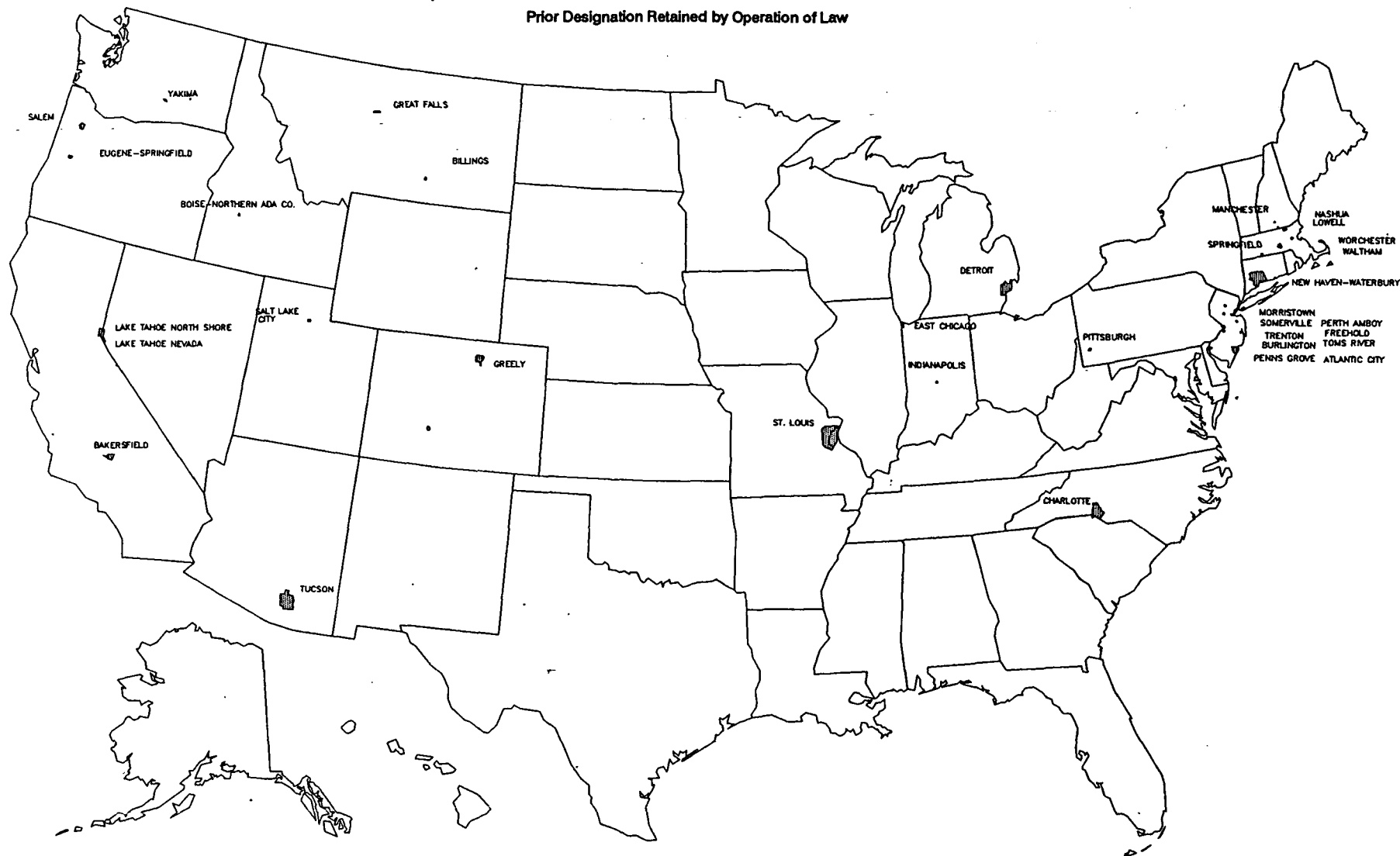
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Classified Carbon Monoxide Nonattainment Areas



Not Classified Carbon Monoxide Nonattainment Areas

Prior Designation Retained by Operation of Law



Classified Carbon Monoxide Nonattainment Areas Listed Alphabetically

Albuquerque, NM	Moderate<=12.7 ppm
Anchorage, AK	Moderate >12.7 ppm
Baltimore, MD	Moderate<=12.7 ppm
Boston, MA	Moderate<=12.7 ppm
Chico, CA	Moderate<=12.7 ppm
Cleveland, OH	Moderate<=12.7 ppm
Colorado Springs, CO	Moderate<=12.7 ppm
Denver-Boulder, CO	Moderate >12.7 ppm
Duluth, MN	Moderate<=12.7 ppm
El Paso, TX	Moderate<=12.7 ppm
Fairbanks, AK	Moderate<=12.7 ppm
Fort Collins, CO	Moderate<=12.7 ppm
Fresno, CA	Moderate >12.7 ppm
Grants Pass, OR	Moderate<=12.7 ppm
Hartford-New Britain-Middletown, CT	Moderate<=12.7 ppm
Klamath Falls, OR	Moderate<=12.7 ppm
Lake Tahoe South Shore, CA	Moderate<=12.7 ppm
Las Vegas, NV	Moderate >12.7 ppm
Longmont, CO	Moderate<=12.7 ppm
Los Angeles South Coast Air Basin, CA	Serious
Medford, OR	Moderate<=12.7 ppm
Memphis, TN	Moderate<=12.7 ppm
Minneapolis-St. Paul, MN	Moderate<=12.7 ppm
Missoula, MT	Moderate<=12.7 ppm
Modesto, CA	Moderate<=12.7 ppm
New York-N. New Jer-Long Is, NY-NJ-CT	Moderate >12.7 ppm
Ogden, UT	Moderate<=12.7 ppm
Philadelphia-Camden Co., PA-NJ	Moderate<=12.7 ppm
Phoenix, AZ	Moderate<=12.7 ppm
Portland-Vancouver, OR-WA	Moderate<=12.7 ppm
Provo, UT	Moderate >12.7 ppm
Raleigh-Durham, NC	Moderate<=12.7 ppm
Reno, NV	Moderate<=12.7 ppm
Sacramento, CA	Moderate<=12.7 ppm
San Diego, CA	Moderate<=12.7 ppm
San Francisco-Oakland-San Jose, CA	Moderate<=12.7 ppm
Seattle-Tacoma, WA	Moderate >12.7 ppm
Spokane, WA	Moderate >12.7 ppm
Stockton, CA	Moderate<=12.7 ppm
Syracuse, NY	Moderate<=12.7 ppm
Washington, DC-MD-VA	Moderate<=12.7 ppm
Winston-Salem, NC	Moderate<=12.7 ppm

Bold type for emphasis only

Not Classified Carbon Monoxide Nonattainment Areas

Prior Designation Retained by Operation of Law

Listed Alphabetically

Atlantic City, NJ
Bakersfield, CA
Billings, MT
Boise-Northern Ada Co, ID
Burlington, NJ
Charlotte, NC
Detroit, MI
East Chicago, IN
Eugene-Springfield, OR
Freehold, NJ
Great Falls, MT
Greeley, CO
Indianapolis, IN
Lake Tahoe Nevada
Lake Tahoe North Shore, CA
Lowell, MA
Manchester, NH
Morristown, NJ
Nashua, NH
New Haven-Meriden-Waterbury, CT
Penns Grove, NJ
Perth Amboy, NJ
Pittsburgh, PA
Salem, OR
Salt Lake City, UT
Somerville, NJ
Springfield, MA
St Louis, MO
Toms River, NJ
Trenton, NJ
Tucson, AZ
Waltham, MA
Worcester, MA
Yakima, WA

Classified Carbon Monoxide Nonattainment Areas
Listed by Classification

Serious

Los Angeles South Coast Air Basin, CA

Moderate >12.7 ppm

Anchorage, AK
Denver-Boulder, CO
Fresno, CA
Las Vegas, NV
New York-N. New Jer-Long Is, NY-NJ-CT
Provo, UT
Seattle-Tacoma, WA
Spokane, WA

Moderate <=12.7 ppm

Albuquerque, NM
Baltimore, MD
Boston, MA
Chico, CA
Cleveland, OH
Colorado Springs, CO
Duluth, MN
El Paso, TX
Fairbanks, AK
Fort Collins, CO
Grants Pass, OR
Hartford-New Britain-Middletown, CT
Klamath Falls, OR
Lake Tahoe South Shore, CA
Longmont, CO
Medford, OR
Memphis, TN
Minneapolis-St. Paul, MN
Missoula, MT
Modesto, CA
Ogden, UT
Philadelphia-Camden Co, PA-NJ
Phoenix, AZ
Portland-Vancouver, OR-WA
Raleigh-Durham, NC
Reno, NV
Sacramento, CA
San Francisco-Oakland-San Jose, CA
San Diego, CA
Stockton, CA
Syracuse, NY
Washington, DC-MD-VA
Winston-Salem, NC

Classified Carbon Monoxide Nonattainment Areas

Listed by Region

Region	Area	Classification
1	Boston, MA	Moderate <= 12.7 ppm
1	Hartford-New Britain-Middletown, CT	Moderate <= 12.7 ppm
1&2	New York-N. New Jer-Long Is, NY-NJ-CT	Moderate > 12.7 ppm
2&1	New York-N. New Jer-Long Is, NY-NJ-CT	Moderate > 12.7 ppm
2&3	Philadelphia-Camden Co, PA-NJ	Moderate <= 12.7 ppm
2	Syracuse, NY	Moderate <= 12.7 ppm
3	Baltimore, MD	Moderate <= 12.7 ppm
3&2	Philadelphia-Camden Co, PA-NJ	Moderate <= 12.7 ppm
3	Washington, DC-MD-VA	Moderate <= 12.7 ppm
4	Memphis, TN	Moderate <= 12.7 ppm
4	Raleigh-Durham, NC	Moderate <= 12.7 ppm
4	Winston-Salem, NC	Moderate <= 12.7 ppm
5	Cleveland, OH	Moderate <= 12.7 ppm
5	Duluth, MN	Moderate <= 12.7 ppm
5	Minneapolis-St. Paul, MN	Moderate <= 12.7 ppm
6	Albuquerque, NM	Moderate <= 12.7 ppm
6	El Paso, TX	Moderate <= 12.7 ppm
8	Colorado Springs, CO	Moderate <= 12.7 ppm
8	Denver-Boulder, CO	Moderate > 12.7 ppm
8	Fort Collins, CO	Moderate <= 12.7 ppm
8	Longmont, CO	Moderate <= 12.7 ppm
8	Missoula, MT	Moderate <= 12.7 ppm
8	Ogden, UT	Moderate <= 12.7 ppm
8	Provo, UT	Moderate > 12.7 ppm
9	Chico, CA	Moderate <= 12.7 ppm
9	Fresno, CA	Moderate > 12.7 ppm
9	Lake Tahoe South Shore, CA	Moderate <= 12.7 ppm
9	Las Vegas, NV	Moderate > 12.7 ppm
9	Los Angeles South Coast Air Basin, CA	Serious
9	Modesto, CA	Moderate <= 12.7 ppm
9	Phoenix, AZ	Moderate <= 12.7 ppm
9	Reno, NV	Moderate <= 12.7 ppm
9	Sacramento, CA	Moderate <= 12.7 ppm
9	San Diego, CA	Moderate <= 12.7 ppm
9	San Francisco-Oakland-San Jose, CA	Moderate <= 12.7 ppm
9	Stockton, CA	Moderate <= 12.7 ppm
10	Anchorage, AK	Moderate > 12.7 ppm
10	Fairbanks, AK	Moderate <= 12.7 ppm
10	Grants Pass, OR	Moderate <= 12.7 ppm
10	Klamath Falls, OR	Moderate <= 12.7 ppm
10	Medford, OR	Moderate <= 12.7 ppm
10	Portland-Vancouver, OR-WA	Moderate <= 12.7 ppm
10	Seattle-Tacoma, WA	Moderate > 12.7 ppm
10	Spokane, WA	Moderate > 12.7 ppm

Classified Carbon Monoxide Nonattainment Areas

Classified Carbon Monoxide Nonattainment Areas						Number of Nonattainment Counties			Population	EPA Region	State	Located in a CMSA MSA	Year of SIP Call
29-Oct-91	Design Value (ppm)	No. Exceed-ances	Yr	Classification	Whole	Part	Total	1990 (1,000)					
Areas Listed Alphabetically													
Albuquerque, NM	11.1	6	89	Moderate<=12.7	1		1	481	6	NM	msa	88	
Anchorage, AK	13.1	3	89	Moderate >12.7		1	1	222	10	AK	msa	88	
Baltimore, MD	9.5	2	88	Moderate<=12.7		1	1	900	3	MD	msa	88	
Boston, MA	9.8	2	86	Moderate<=12.7		3	3	1,022	1	MA	cmsa	88	
Chico, CA	10.4	2	88	Moderate<=12.7		1	1	72	9	CA	msa	88	
Cleveland, OH	10.1	2	86	Moderate<=12.7	1		1	1,412	5	OH	cmsa	88	
Colorado Springs, CO	11.8	2	88	Moderate<=12.7		2	2	353	8	CO	msa	88	
Denver-Boulder, CO	16.2	10	88	Moderate >12.7	1	5	6	1,800	8	CO	cmsa	88	
Duluth, MN (New)	9.9	2	89	Moderate<=12.7		1	1	85	5	MN	msa	88	
El Paso, TX	12.6	5	89	Moderate<=12.7		1	1	54	6	TX	msa	88	
Fairbanks, AK	10.4	3	89	Moderate<=12.7		1	1	30	10	AK	no	88	
Fort Collins, CO	11.3	3	88	Moderate<=12.7		1	1	106	8	CO	msa	88	
Fresno, CA	13.0	4	88	Moderate >12.7		1	1	453	9	CA	msa	88	
Grants Pass, OR	10.3	2	88	Moderate<=12.7		1	1	17	10	OR	no	88	
Hartford-New Britain-Middletown, CT	10.2	3	88	Moderate<=12.7		4	4	1,015	1	CT	cmsa	88	
Klamath Falls, OR (New)	10.5	3	88	Moderate<=12.7		1	1	18	10	OR	no	89	
Lake Tahoe South Shore, CA	12.1	6	88	Moderate<=12.7		1	1	30	9	CA	msa	no	
Las Vegas, NV	14.4	26	88	Moderate >12.7		1	1	258	9	NV	msa	88	
Longmont, CO (New)	10.2	>2	90	Moderate<=12.7		2	2	52	8	CO	cmsa	88	
Los Angeles South Coast Air Basin, CA	23.4	71	88	Serious	1	3	4	13,000	9	CA	cmsa	88	
Medford, OR	12.1	15	89	Moderate<=12.7		1	1	62	10	OR	msa	88	
Memphis, TN	9.6	2	89	Moderate<=12.7	1		1	826	4	TN	msa	88	
Minneapolis-St. Paul, MN	11.4	2	89	Moderate<=12.7	3	5	8	2,310	5	MN	msa	88	
Missoula, MT	9.6	2	89	Moderate<=12.7		1	1	43	8	MT	no	88	
Modesto, CA	11.8	8	89	Moderate<=12.7		1	1	231	9	CA	msa	88	
New York-N. New Jer-Long Is, NY-NJ-CT	13.5	26	88	Moderate >12.7	11	3	14	13,140	2	1	NY-NJ-CT	cmsa	88
Ogden, UT	9.9	3	90	Moderate<=12.7		1	1	63	8	UT	msa	no	
Philadelphia-Camden Co, PA-NJ	11.6	2	89	Moderate<=12.7	1	1	2	1,203	3	2	PA-NJ	cmsa	no
Phoenix, AZ	12.6	9	89	Moderate<=12.7		1	1	2,006	9	AZ	msa	88	
Portland-Vancouver, OR-WA	10.0	3	88	Moderate<=12.7		4	4	1,172	10	OR-WA	cmsa	88	
Provo, UT	15.8	12	89	Moderate >12.7		1	1	85	8	UT	msa	88	
Raleigh-Durham, NC (New)	10.9	2	89	Moderate<=12.7	2		2	605	4	NC	msa	88	
Reno, NV	9.6	3	88	Moderate<=12.7		1	1	134	9	NV	msa	88	
Sacramento, CA	12.6	18	89	Moderate<=12.7		3	3	1,097	9	CA	msa	88	
San Diego, CA	9.9	4	89	Moderate<=12.7		1	1	2,348	9	CA	msa	89	

Classified Carbon Monoxide Nonattainment Areas

Areas Listed Alphabetically	29-Oct-91	Design Value (ppm)	No. Exceed-ances	Yr	Classification	Number of Nonattainment Counties			Population 1990 (1,000)	EPA Region	State	Located in a CMSA MSA	Year of SIP Call
						Whole	Part	Total					
San Francisco-Oakland-San Jose, CA		11.8	6	89	Moderate<=12.7	1	8	9	3,630	9	CA	cmsa	88
Seattle-Tacoma, WA		13.4	3	88	Moderate >12.7		3	3	1,744	10	WA	cmsa	88
Spokane, WA		13.8	37	88	Moderate >12.7		1	1	279	10	WA	msa	88
Stockton, CA		10.4	4	89	Moderate<=12.7		1	1	262	9	CA	msa	no
Syracuse, NY		9.7	2	89	Moderate<=12.7	1		1	469	2	NY	msa	88
Washington, DC-MD-VA		11.4	2	87	Moderate<=12.7	3	2	5	1,571	3	DC-MD-V	msa	88
Winston-Salem, NC (New)		9.7	2	89	Moderate<=12.7	1		1	266	4	NC	msa	89
42 Classified Areas						28	68	96	54,926				

Year = Year of Design Value usually is from 1988-89 or 1989-90; Whole/Part = Entire/Part of the county is designated nonattainment

SIP Call = EPA called for a new State Implementation Plan; (New) = Entire Area will be designated nonattainment as of the effective date of the Federal Register Notice.

Classified Carbon Monoxide Nonattainment Areas

Areas Listed by Design Value	29-Oct-91	Design Value (ppm)	No. Exceed-ances	Yr	Classification	Number of Nonattainment Counties			Population 1990 (1,000)	EPA Region	State	Located in a CMSA MSA	Year of SIP Call
						Whole	Part	Total					
Los Angeles South Coast Air Basin, CA		23.4	71	88	Serious	1	3	4	13,000	9	CA	cmsa	88
Denver-Boulder, CO		16.2	10	88	Moderate >12.7	1	5	6	1,800	8	CO	cmsa	88
Provo, UT		15.8	12	89	Moderate >12.7		1	1	85	8	UT	msa	88
Las Vegas, NV		14.4	26	88	Moderate >12.7		1	1	258	9	NV	msa	88
Spokane, WA		13.8	37	88	Moderate >12.7		1	1	279	10	WA	msa	88
New York-N. New Jer-Long Is, NY-NJ-CT		13.5	26	88	Moderate >12.7	11	3	14	13,140	2	1 NY-NJ-CT	cmsa	88
Seattle-Tacoma, WA		13.4	3	88	Moderate >12.7		3	3	1,744	10	WA	cmsa	88
Anchorage, AK		13.1	3	89	Moderate >12.7		1	1	222	10	AK	msa	88
Fresno, CA		13.0	4	88	Moderate >12.7		1	1	453	9	CA	msa	88
El Paso, TX		12.6	5	89	Moderate<=12.7		1	1	54	6	TX	msa	88
Phoenix, AZ		12.6	9	89	Moderate<=12.7		1	1	2,006	9	AZ	msa	88
Sacramento, CA		12.6	18	89	Moderate<=12.7		3	3	1,097	9	CA	msa	88
Lake Tahoe South Shore, CA		12.1	6	88	Moderate<=12.7		1	1	30	9	CA	msa	no
Medford, OR		12.1	15	89	Moderate<=12.7		1	1	62	10	OR	msa	88
Colorado Springs, CO		11.8	2	88	Moderate<=12.7		2	2	353	8	CO	msa	88
Modesto, CA		11.8	8	89	Moderate<=12.7		1	1	231	9	CA	msa	88
San Francisco-Oakland-San Jose, CA		11.8	6	89	Moderate<=12.7	1	8	9	3,630	9	CA	cmsa	88
Philadelphia-Camden Co, PA-NJ		11.6	2	89	Moderate<=12.7	1	1	2	1,203	3	2 PA-NJ	cmsa	no
Minneapolis-St. Paul, MN		11.4	2	89	Moderate<=12.7	3	5	8	2,310	5	MN	msa	88
Washington, DC-MD-VA		11.4	2	87	Moderate<=12.7	3	2	5	1,571	3	DC-MD-V	msa	88
Fort Collins, CO		11.3	3	88	Moderate<=12.7		1	1	106	8	CO	msa	88
Albuquerque, NM		11.1	6	89	Moderate<=12.7	1		1	481	6	NM	msa	88
Raleigh-Durham, NC (New)		10.9	2	89	Moderate<=12.7	2		2	605	4	NC	msa	88
Klamath Falls, OR (New)		10.5	3	88	Moderate<=12.7		1	1	18	10	OR	no	89
Chico, CA		10.4	2	88	Moderate<=12.7		1	1	72	9	CA	msa	88
Fairbanks, AK		10.4	3	89	Moderate<=12.7		1	1	30	10	AK	no	88
Stockton, CA		10.4	4	89	Moderate<=12.7		1	1	262	9	CA	msa	no
Grants Pass, OR		10.3	2	88	Moderate<=12.7		1	1	17	10	OR	no	88
Hartford-New Britain-Middletown, CT		10.2	3	88	Moderate<=12.7		4	4	1,015	1	CT	cmsa	88
Longmont, CO (New)		10.2	>2	90	Moderate<=12.7		2	2	52	8	CO	cmsa	88
Cleveland, OH		10.1	2	86	Moderate<=12.7	1		1	1,412	5	OH	cmsa	88
Portland-Vancouver, OR-WA		10.0	3	88	Moderate<=12.7		4	4	1,172	10	OR-WA	cmsa	88
Duluth, MN (New)		9.9	2	89	Moderate<=12.7		1	1	85	5	MN	msa	88
Ogden, UT		9.9	3	90	Moderate<=12.7		1	1	63	8	UT	msa	no
San Diego, CA		9.9	4	89	Moderate<=12.7		1	1	2,348	9	CA	msa	89

Classified Carbon Monoxide Nonattainment Areas

Areas Listed by Design Value	29-Oct-91	Design Value (ppm)	No. Exceed-ances	Yr	Classification	Number of Nonattainment Counties			Population 1990 (1,000)	EPA Region	State	Located in a CMSA MSA	Year of SIP Call
						Whole	Part	Total					
Boston, MA		9.8	2	86	Moderate<=12.7		3	3	1,022	1	MA	cmsa	88
Syracuse, NY		9.7	2	89	Moderate<=12.7	1		1	469	2	NY	msa	88
Winston-Salem, NC (New)		9.7	2	89	Moderate<=12.7	1		1	266	4	NC	msa	89
Memphis, TN		9.6	2	89	Moderate<=12.7	1		1	826	4	TN	msa	88
Missoula, MT		9.6	2	89	Moderate<=12.7		1	1	43	8	MT	no	88
Reno, NV		9.6	3	88	Moderate<=12.7		1	1	134	9	NV	msa	88
Baltimore, MD		9.5	2	88	Moderate<=12.7		1	1	900	3	MD	msa	88
42 Classified Areas						28	68	96	54,926				

Year = Year of Design Value usually is from 1988-89 or 1989-90; Whole/Part = Entire/Part of the county is designated nonattainment

SIP Call = EPA called for a new State Implementation Plan; (New) = Entire Area will be designated nonattainment as of the effective date of the Federal Register Notice.

Not Classified Carbon Monoxide Nonattainment Areas

Prior Designation Retained by Operation of Law 29-Oct-91	Design Value (ppm)	No. Exceed- ances	Yr	Classification	Number of Nonattainment Counties			Population 1990 (1,000)	EPA Region	State	Located in a CMSA MSA	Year of SIP Call
					Whole	Part	Total					
Atlantic City, NJ	NA			Not Classified		1	1	37	2	NJ	msa	no
Bakersfield, CA	8.9	1	89	Not Classified		1	1	303	9	CA	msa	no
Billings, MT	6.8	0	88	Not Classified		1	1	80	8	MT	msa	no
Boise-Northern Ada Co, ID	8.2	0	89	Not Classified		1	1	135	10	ID	msa	88
Burlington, NJ	6.4	0	89	Not Classified		1	1	10	2	NJ	cmsa	no
Charlotte, NC	8.4	0	88	Not Classified	1		1	511	4	NC	msa	no
Detroit, MI	7.6	0	89	Not Classified		3	3	1,400	5	MI	cmsa	88
East Chicago, IN	7.4	0	88	Not Classified		1	1	5	5	IN	cmsa	no
Eugene-Springfield, OR	7.1	0	88	Not Classified		1	1	189	10	OR	msa	no
Freehold, NJ	6.2	0	89	Not Classified		1	1	11	2	NJ	cmsa	88
Great Falls, MT	9.2	1	88	Not Classified		1	1	55	8	MT	msa	88
Greeley, CO	9.2	1	88	Not Classified		1	1	72	8	CO	msa	88
Indianapolis, IN	5.8	0	88	Not Classified		1	1	54	5	IN	msa	no
Lake Tahoe Nevada	4.8	0	89	Not Classified		3	3	22	9	NV	part	no
Lake Tahoe North Shore, CA	NA			Not Classified		1	1	8	9	CA	msa	no
Lowell, MA	6.4	0	88	Not Classified		1	1	103	1	MA	cmsa	no
Manchester, NH	8.9	1	88	Not Classified		1	1	99	1	NH	msa	88
Morristown, NJ	7.8	0	89	Not Classified		1	1	19	2	NJ	cmsa	88
Nashua, NH	7.5	0	89	Not Classified		1	1	80	1	NH	cmsa	88
New Haven-Meriden-Waterbury, CT	7.0	0	88	Not Classified	1	2	3	877,177	1	CT	msa	88
Penns Grove, NJ	NA			Not Classified		1	1	5	2	NJ	cmsa	no
Perth Amboy, NJ	5.4	0	89	Not Classified		1	1	41	2	NJ	cmsa	88
Pittsburgh, PA	7.8	0	89	Not Classified		1	1	350	3	PA	cmsa	88
Salem, OR	6.4	0	88	Not Classified		2	2	108	10	OR	msa	no
Salt Lake City, UT	8.3	1	89	Not Classified		1	1	160	8	UT	msa	88
Somerville, NJ	NA			Not Classified		1	1	12	2	NJ	cmsa	88
Springfield, MA	7.6	0	89	Not Classified		1	1	157	1	MA	msa	88
St Louis, MO	8.2	0	88	Not Classified	1	1	2	1,300	7	MO	msa	88
Toms River, NJ	6.9	0	88	Not Classified		1	1	8	2	NJ	cmsa	88
Trenton, NJ	4.6	0	89	Not Classified		1	1	87	2	NJ	cmsa	no
Tucson, AZ	8.6	1	88	Not Classified		1	1	405	9	AZ	msa	no
Waltham, MA	NA			Not Classified		1	1	58	1	MA	cmsa	88
Worcester, MA	7.9	0	89	Not Classified		1	1	170	1	MA	msa	no
Yakima, WA	8.9	1	88	Not Classified		1	1	54	10	WA	msa	88
34 Not Classified Areas					3	37	40	6,285 +700				
76 Classified & Not Classified Areas					31	99	130	61,211 +700				

Year = Year of Design Value usually is from 1988-89 or 1989-90; Whole/Part = Entire/Part of the county is designated nonattainment

SIP Call = EPA called for a new State Implementation Plan; (New) = Entire Area will be designated nonattainment as of the effective date of the Federal Register Notice.

Not Classified Carbon Monoxide Nonattainment Areas

Prior Designation Retained by Operation of Law 29-Oct-91					Number of Nonattainment Counties			Population 1990 (1,000)	EPA Region	State	Located in a CMSA MSA	Year of SIP Call
Areas Listed by Design Value	Design Value (ppm)	No. Exceed- ances	Yr	Classification	Whole	Part	Total					
Great Falls, MT	9.2	1	88	Not Classified		1	1	55	8	MT	msa	88
Greeley, CO	9.2	1	88	Not Classified		1	1	72	8	CO	msa	88
Bakersfield, CA	8.9	1	89	Not Classified		1	1	303	9	CA	msa	no
Manchester, NH	8.9	1	88	Not Classified		1	1	99	1	NH	msa	88
Yakima, WA	8.9	1	88	Not Classified		1	1	54	10	WA	msa	88
Tucson, AZ	8.6	1	88	Not Classified		1	1	405	9	AZ	msa	no
Charlotte, NC	8.4	0	88	Not Classified	1		1	511	4	NC	msa	no
Salt Lake City, UT	8.3	1	89	Not Classified		1	1	160	8	UT	msa	88
Boise-Northern Ada Co, ID	8.2	0	89	Not Classified		1	1	135	10	ID	msa	88
St Louis, MO	8.2	0	88	Not Classified	1	1	2	1,300	7	MO	msa	88
Worcester, MA	7.9	0	89	Not Classified		1	1	170	1	MA	msa	no
Morristown, NJ	7.8	0	89	Not Classified		1	1	19	2	NJ	cmsa	88
Pittsburgh, PA	7.8	0	89	Not Classified		1	1	350	3	PA	cmsa	88
Detroit, MI	7.6	0	89	Not Classified		3	3	1,400	5	MI	cmsa	88
Springfield, MA	7.6	0	89	Not Classified		1	1	157	1	MA	msa	88
Nashua, NH	7.5	0	89	Not Classified		1	1	80	1	NH	cmsa	88
East Chicago, IN	7.4	0	88	Not Classified		1	1	5	5	IN	cmsa	no
Eugene-Springfield, OR	7.1	0	88	Not Classified		1	1	189	10	OR	msa	no
New Haven-Meriden-Waterbury, CT	7.0	0	88	Not Classified	1	2	3	877	1	CT	msa	88
Toms River, NJ	6.9	0	88	Not Classified		1	1	8	2	NJ	cmsa	88
Billings, MT	6.8	0	88	Not Classified		1	1	80	8	MT	msa	no
Burlington, NJ	6.4	0	89	Not Classified		1	1	10	2	NJ	cmsa	no
Lowell, MA	6.4	0	88	Not Classified		1	1	103	1	MA	cmsa	no
Salem, OR	6.4	0	88	Not Classified		2	2	108	10	OR	msa	no
Freehold, NJ	6.2	0	89	Not Classified		1	1	11	2	NJ	cmsa	88
Indianapolis, IN	5.8	0	88	Not Classified		1	1	54	5	IN	msa	no
Perth Amboy, NJ	5.4	0	89	Not Classified		1	1	41	2	NJ	cmsa	88
Lake Tahoe Nevada	4.8	0	89	Not Classified		3	3	22	9	NV	part	no
Trenton, NJ	4.6	0	89	Not Classified		1	1	87	2	NJ	cmsa	no
Atlantic City, NJ	NA			Not Classified		1	1	37	2	NJ	msa	no
Lake Tahoe North Shore, CA	NA			Not Classified		1	1	8	9	CA	msa	no
Penns Grove, NJ	NA			Not Classified		1	1	5	2	NJ	cmsa	no
Somerville, NJ	NA			Not Classified		1	1	12	2	NJ	cmsa	88
Waltham, MA	NA			Not Classified		1	1	58	1	MA	cmsa	88
34 Not Classified Areas					3	37	40	6,285	+700			
76 Classified & Not Classified Areas					31	99	130	61,211	+700			

Year = Year of Design Value usually is from 1988-89 or 1989-90; Whole/Part = Entire/Part of the county is designated nonattainment

SIP Call = EPA called for a new State Implementation Plan; (New) = Entire Area will be designated nonattainment as of the effective date of the Federal Register Notice.

Alaska

Anchorage (Moderate >12.7 ppm)
Anchorage Borough^P
Portion of Anchorage urban area¹
Fairbanks (Moderate <=12.7 ppm)
Fairbanks North Star Borough^P
Portion of Fairbanks urban area¹

Arizona

Phoenix (Moderate <=12.7 ppm)
Maricopa Co.^P
Maricopa Assoc. of Governments
Urban Planning Area¹
Tucson (Not Classified)
Pima Co.^P
Portion of Tucson urban area¹

California

Chico (Moderate <=12.7 ppm)
Butte Co.^P
Chico urbanized area (Census Bureau
urbanized part - 5/16/84, 49 FR 20651)
Fresno (Moderate >12.7 ppm)
Fresno Co.^P
Fresno Urbanized area (See 11/20/85,
50 FR 47735)
Lake Tahoe South Shore
(Moderate <=12.7 ppm)
El Dorado Co.^P
Lake Tahoe area¹
Los Angeles South Coast Air Basin (Serious)
Boundary described in 40 CFR 81.17¹
Los Angeles Co.^P
Orange Co.
Riverside Co.^P
San Bernardino Co.^P
Modesto (Moderate <=12.7 ppm)
Stanislaus Co.^P
Modesto Urbanized Area
(Census Bureau Urbanized Area)
See 3/29/85, 50 FR 12540
Sacramento (Moderate <=12.7 ppm)
Census Bureau urbanized areas
Placer Co.^P
Sacramento Co.^P
Yolo Co.^P
San Diego (Moderate <=12.7 ppm)
San Diego Co.^P
Western part of county¹
San Francisco-Oakland-San Jose
(Moderate <=12.7 ppm)
Urbanized areas (described in the
Technical Support Document from
3/29/85, 50 FR 12540)
Alameda Co.^P
Contra Costa Co.^P
Marin Co.^P
Napa Co.^P
San Francisco Co.
San Mateo Co.^P
Santa Clara Co.^P
Solano Co.^P
Sonoma Co.^P

Stockton (Moderate <=12.7 ppm)
San Joaquin Co.^P
Stockton Urbanized Area (see
5/16/84, 49 FR 20651)
Bakersfield (Not Classified)
Kern Co.^P
Bakersfield Metropolitan Area
(urbanized part - see 1/25/82,
47 FR 3354)
Lake Tahoe North Shore (Not Classified)
Placer Co.^P
Lake Tahoe area¹

Colorado

Colorado Springs (Moderate <=12.7 ppm)
Urban Transportation Planning
Study Area as defined in 1989¹
El Paso Co.^P
Teller Co.^P
Denver-Boulder (Moderate >12.7 ppm)
Denver Metro Area¹
Adams Co.^P
Arapahoe Co.^P
Boulder Co.^P
Denver Co.
Douglas Co.^P
Jefferson Co.^P
Fort Collins (Moderate <=12.7 ppm)
Larimer Co.^P
Fort Collins Urban Growth Area
boundary as adopted by the City of
Fort Collins and the Larimer County
Commissioners and in effect as of
July 30, 1991
Longmont (Moderate <=12.7 ppm) (New)
Portion of Longmont¹
Boulder Co.^P
Weld Co.^P
Greeley (Not Classified)
Weld Co.^P
Urban Boundaries as defined in the
North Front Range Regional
Transportation Plan, May, 1990

Connecticut

Hartford-New Britain-Middletown
(Moderate <=12.7 ppm)
Hartford Co.^P
Bristol city
Burlington town
Avon town
Bloomfield town
Canton town
E. Granby town
E. Hartford town
E. Windsor town
Enfield town
Farmington town
Glastonbury town
Granby town
Hartford city
Manchester town
Marlborough town
Newington town
Rocky Hill town
Simsbury town
S. Windsor town

Suffield town
W. Hartford town
Wethersfield town
Windsor town
Windsor Locks town
Berlin town
New Britain city
Plainville town
Southington town
Litchfield Co.^P
Plymouth town
Middlesex Co.^P
Cromwell town
Durham town
E. Hampton town
Haddam town
Middlefield town
Middletown city
Portland town
E. Haddam town
Tolland Co.^P
Andover town
Bolton town
Ellington town
Hebron town
Somers town
Tolland town
Vernon town
New York-N. New Jersey-Long Island
(Moderate >12.7 ppm):
Fairfield Co.^P
All cities and townships except
Shelton city
Litchfield Co.^P
Bridgewater town
New Milford town
New Haven-Meriden-Waterbury
(Not Classified)
Fairfield Co.^P
Shelton city
Litchfield Co.^P
Bethlehem town
Thomaston town
Watertown
Woodbury town
New Haven Co.

District of Columbia

Washington (Moderate <=12.7 ppm)
Entire District

Idaho

Boise-Northern Ada County
(Not Classified)
Ada Co.^P
Northern half of Ada Co.¹

Indiana

East Chicago (Not Classified)
Lake Co.^P
Part of City of East Chicago
(area bound by Columbus Drive
on the north, the Indiana Harbor
Canal on the west, 148th St. if
extended, on the south, and
Euclid Ave. on the east).

Indianapolis (Not Classified)Marion Co.^P

Part of City of Indianapolis (area bound by 11th St. on the north, Capitol on the west, Georgia St. on the south, and Delaware on the east)

Maryland**Baltimore (Moderate ≤ 12.7 ppm)**Baltimore City^P

Regional Planning District No. 118
(generally corresponding to the Central Business District)

Washington (Moderate ≤ 12.7 ppm)Montgomery Co.^P

Election districts 4, 7, 13

Prince George's Co.^P

Election districts 2, 6, 12, 16, 17, 18

Massachusetts**Boston (Moderate ≤ 12.7 ppm)**Middlesex Co.^P

Cambridge city

Everett city

Malden city

Medford city

Somerville city

Norfolk Co.^P

Quincy city

Suffolk Co.^P

Boston city

Chelsea city

Revere city

Lowell (Not Classified)Middlesex Co.^P

Lowell city

Springfield (Not Classified)Hampden Co.^P

Springfield city

Waltham (Not Classified)Middlesex Co.^P

Waltham city

Worcester (Not Classified)Worcester Co.^P

Worcester city

Michigan**Detroit (Not Classified)**A portion of Detroit¹Macomb Co.^POakland Co.^PWayne Co.^P**Minnesota****Duluth (Moderate ≤ 12.7 ppm) (New)**St. Louis Co.^P

City of Duluth

Minneapolis-St. Paul (Moderate ≤ 12.7 ppm)

Anoka Co.

Carver Co.^P

Carver

Chanhassen

Chaska

Hamburg

Norwood

Victoria

Waconia

Watertown

Young America

Chaska township

Laketown township

Waconia township

Watertown township

Young America township

Dakota Co.^P

Apple Valley

Burnsville

Eagan

Farmington

Hastings

Inver Grove Heights

Lakeville

Lilydale

Mendota

Mendota Heights

Rosemount

South St. Paul

Sunfish Lake

West St. Paul

Hennepin Co.

Ramsey Co.

Scott Co.^P

Belle Plaine

Elko

New Market

New Prague

Prior Lake

Savage

Shakopee

Credit River township

Jackson township

Louisville township

New Market township

Spring Lake township

Washington Co.^P

All cities and townships except

Denmark township

Wright Co.^P

Albertville

Annandale

Buffalo

Clearwater

Cokato

Delano

Hanover

Monticello

Montrose

Rockford

St. Michael

South Haven

Waverly

Dayton (Wright Co. part)

Buffalo township

Chatham township

Clearwater township

Cokato township

Corinna township

Frankfort township

Franklin township

Maple Lake township

Marysville township

Monticello township

Ostego township

Rockford township

Silver Creek township

Southside township

Missouri**St Louis (Not Classified)**

St Louis City

St Louis Co.^P

The area encompassed by I-270
and the Mississippi River

Montana**Missoula (Moderate ≤ 12.7 ppm)**Missoula Co.^PMissoula and vicinity¹**Billings (Not Classified)**Yellowstone Co.^PCertain ranges and townships¹**Great Falls (Not Classified)**Cascade Co.^PGreat Falls designated area¹**Nevada****Las Vegas (Moderate > 12.7 ppm)**Clark Co.^P

Las Vegas Valley Hydrographic
area 212

Reno (Moderate ≤ 12.7 ppm)Washoe Co.^P

Truckee Meadows Hydrographic
area 87

Lake Tahoe Nevada (Not Classified)

Hydrographic area 90

Carson City Co.^PDouglas Co.^PWashoe Co.^P**New Hampshire****Manchester (Not Classified)**Hillsborough Co.^P

City of Manchester

Nashua (Not Classified)Hillsborough Co.^P

City of Nashua

New Jersey**New York-N. New Jersey-Long Island
(Moderate > 12.7 ppm)**

Bergen Co.

Essex Co.

Hudson Co.

Passaic Co.^P

Patterson, City of

Clifton, City of

Passaic, City of

Union Co.

Philadelphia-Camden County(Moderate ≤ 12.7 ppm)

Camden Co.

Atlantic City (Not Classified)Atlantic Co.^P

The City of Atlantic City

Burlington (Not Classified)
 Burlington Co.^p
 Burlington, City of

Penns Grove (Not Classified)
 Salem Co.^p
 Penns Grove, Borough of
 Those portions within 100 yards
 of the intersections of U.S. Route
 130 and County Roads 675 and
 607

Trenton (Not Classified)
 Mercer Co.^p
 Trenton, City of

Freehold (Not Classified)
 Monmouth Co.^p
 Freehold, Borough of

Morristown (Not Classified)
 Morris Co.^p
 Morristown, City of

Perth Amboy (Not Classified)
 Middlesex Co.^p
 Perth Amboy, City of

Somerville (Not Classified)
 Somerset Co.^p
 Somerville, Borough of

Toms River (Not Classified)
 Ocean Co.^p
 Toms River, City of

New Mexico

Albuquerque (Moderate <=12.7 ppm)
 Bernalillo County

New York

New York-N. New Jersey-Long Island
 (Moderate >12.7 ppm)
 Bronx Co.
 Kings Co.
 Nassau Co.
 New York Co.(Manhattan)
 Queens Co.
 Richmond Co.
 Westchester Co.

Syracuse (Moderate <=12.7 ppm)
 Onondaga Co.

North Carolina

Raleigh-Durham (Moderate <=12.7 ppm) (New)
 Durham Co.
 Wake Co.

Winston-Salem (Moderate <=12.7 ppm) (New)
 Forsyth Co.

Charlotte (Not Classified)
 Mecklenburg Co.

Ohio

Cleveland (Moderate <=12.7 ppm)
 Cuyahoga Co.

Oregon

Grants Pass (Moderate <=12.7 ppm)
 Josephine Co.^p
 Central Business District

Klamath Falls (Moderate <=12.7 ppm)
 (New)
 Klamath Co.^p
 Urban Growth Boundary

Medford (Moderate <=12.7 ppm)
 Jackson Co.^p
 Medford-Ashland Urban Growth
 Boundary

Portland-Vancouver
 (Moderate <=12.7 ppm)
 Portland Metro Service District
 Boundary

Clackamas Co.^p
Multnomah Co.^p
Washington Co.^p

Eugene-Springfield (Not Classified)
 Lane Co.^p
 Air Quality Maintenance Area¹

Salem (Not Classified)
 Salem (City of)
 Marion Co.^p
 Polk Co.^p

Pennsylvania

Philadelphia-Camden County
 (Moderate <=12.7 ppm)
 Philadelphia Co.^p
 City of Philadelphia-high traffic
 density areas within the Central
 Business District and certain other
 high traffic density areas

Pittsburgh (Not Classified)
 Allegheny Co.^p
 High traffic density areas within the
 Central business district and certain
 other high traffic density areas

Tennessee

Memphis (Moderate <=12.7 ppm)
 Shelby Co.

Texas

El Paso (Moderate <=12.7 ppm)
 El Paso Co.^p
 Portion of the City Limits of El Paso¹

Utah

Ogden (Moderate <=12.7 ppm)
 Weber Co.^p
 City of Ogden

Provo (Moderate >12.7 ppm)
 Utah Co.^p
 City of Provo

Salt Lake City (Not Classified)
 Salt Lake Co.^p
 Salt Lake City

Virginia

Washington (Moderate <=12.7 ppm)
 Alexandria city
 Arlington Co.

Washington

Portland-Vancouver
 (Moderate <=12.7 ppm)
 Clark Co.^p
 Air Quality Maintenance Area

Seattle-Tacoma (Moderate >12.7 ppm)
 Seattle-Tacoma urban area (as
 defined by the Washington Dept
 of Trans. urban area maps)¹

King Co.^p
Pierce Co.^p
Snohomish Co.^p

Spokane (Moderate >12.7 ppm)
 Spokane Co.^p
 Spokane urban area (as defined
 by the Washington Dept of
 Trans. urban area maps)

Yakima (Not Classified)
 Yakima Co.^p
 Portion of the Central Business
 District¹

Notes:

- ^p A portion of the county is located within the area and is designated nonattainment.
- ¹ For a description of the geographic boundary, see the following document (listed by state then area).
- (New) Entire area will be designated nonattainment on the effective date of the Federal Register.

Detailed Description of the Nonattainment Area Boundaries for Certain Areas (By State)

Alaska**Anchorage nonattainment area boundary:**

(From "State Air Quality Control Plan," Volume III, Appendix B, April 5, 1978)

The Anchorage Nonattainment Area is contained within the boundary described as follows:

Beginning at a point on the centerline of the New Seward Highway five hundred (500) feet of the centerline of O'Malley Road; thence, Westerly along a line five hundred (500) south of and parallel to the centerline of O'Malley Road and its westerly extension thereof to a point on the mean high tide line of the Turnagain Arm; thence, Northeasterly along the mean high tide line to a point five hundred (500) feet west of the southerly extension of the centerline of Sand Lake Road; thence, Northerly along a line five hundred (500) feet west of and parallel to the southerly extension of the centerline of Sand Lake Road to a point on the southerly boundary of the International Airport property; thence, Westerly along said property line of the International Airport to an angle point in said property line; thence, Easterly, along said property line and its easterly extension thereof to a point five hundred (500) feet west of the southerly extension of the centerline of Wisconsin Street; thence, Northerly along said line to a point on the mean high tide line of the Knik Arm; thence, Northeasterly along the mean high tide line to a point on a line parallel and five hundred (500) feet north of the centerline of Thompson Street and the westerly extension thereof; thence, Easterly along said line to a point five hundred (55) feet east of Boniface Parkway; thence, Southerly along a line five hundred (500) feet east of and parallel to the centerline of Boniface Parkway to a point five hundred (500) feet north of the Glenn Highway; thence, Easterly and northeasterly along a line five hundred (500) feet north of and parallel to the centerline of the Glenn Highway to a point five hundred (500) feet east of the northerly extension of the centerline of Muldoon Road; thence, Southerly along a line five hundred (500) feet east of and parallel to the centerline of Muldoon Road and continuing southwesterly on a line of curvature five hundred (500) feet southeasterly of the centerline of curvature where Muldoon Road becomes Tudor Road to a point five hundred (500) south of the centerline of Tudor Road; thence, Westerly along a line five hundred (500) feet south of the centerline of Tudor Road to a point five hundred (500) feet east of the centerline to Lake Otis Parkway; thence, Westerly along a line five hundred (500) feet south of the centerline of O'Malley Road, ending at the centerline of the New Seward Highway, which is the point of the beginning.

Fairbanks nonattainment area boundary:

1. Township 1 South, Range 1 West, Sections 2 through 23, the portion of Section 1 west of the Fort Wainwright military reservation boundary and the portions of Section 24 north of the Old Richardson Highway and west of the military reservation boundary. also, Township 1 South, Range 2 West, Sections 13 and 24, the portion of Section 12 southwest of Chena Pump Road and the portions of Sections 7, 8, and 18 and the portion of Section 19 north of the Richardson Highway. (Fairbanks and Ft. Wainwright)
2. Township 2 South, Range 2 East, the portions of Sections 9 and 10 southwest of the Richardson Highway. (North Role)

Arizona**Phoenix nonattainment area boundary:**

Maricopa Co.⁹ The Urban Planning Area of the Maricopa Association of Governments is bounded as follows:

1. Commencing at a point which is at the intersection of the eastern line of Range 7 East, Gila and Salt River Baseline and Meridian, and the southern line of Township 2 South, said point is the southeastern corner of the Maricopa Association of Governments Urban Planning Area, which is the point of beginning;
2. thence, proceed northerly along the eastern line of Range 7 East, which is the common boundary between Maricopa and Pinal Counties, as described in Arizona Revised Statute Section 11-109, to a point where the eastern line of Range 7 East intersects the northern line of Township 1 North, said point is also the intersection of the Maricopa County Line and the Tonto National Forest Boundary, as established by Executive Order 869 dated July 1, 1908, as amended and shown on the U.S. Forest Service 1969 Planimetric Maps;
3. thence, westerly along the northern line of Township 1 North to approximately the southwest corner of the southeast quarter of Section 35, Township 2 North, Range 7 East, said point being the boundary of the Tonto National Forest and Utery Mountain Semi-Regional Park;
4. thence, northerly along the Tonto National Forest Boundary, which is generally the western line of the east half of Sections 26 and 35 of Township 2 North, Range 7 East, to a point which is where the quarter section line intersects with the northern line of Section 26, Township 2 North, Range 7 East, said point also being the northeast corner of the Utery Mountain Semi-Regional Park;
5. thence, westerly along the Tonto National Forest Boundary, which is generally the south line of Sections 19, 20, 21 and 22 and the southern line of the west half of Section 23, Township 2 North, Range 7 East, to a point which is the southwest corner of Section 19, Township 2 North, Range 7 East;
6. thence, northerly along the Tonto National Forest Boundary to a point where the Tonto National Forest Boundary intersects with the eastern boundary of the Salt River Indian Reservation, generally described as the center line of the Salt River Channel;
7. thence, northeasterly and northerly along the common boundary of the Tonto National Forest and the Salt River Indian Reservation to a point which is the northeast corner of the Salt River Indian Reservation, and the southeast corner of the Fort McDowell Indian Reservation, as shown on the plat dated July 22, 1902, and recorded with the U.S. Government on June 15, 1902;
8. thence, northeasterly along the common boundary between the Tonto National Forest and the Fort McDowell Indian Reservation to a point which is the northeast corner of the Fort McDowell Indian Reservation;
9. thence, southwesterly along the northern boundary of the Fort McDowell Indian Reservation, which line is a common boundary with the Tonto National Forest, to a point where the boundary intersects with the eastern line of Section 12, Township 4 North, Range 6 East;
10. thence, northerly along the eastern line of Range 6 East to a point where the eastern line of Range 6 East intersects with the southern line of Township 5 North, said line is the boundary between the Tonto National Forest and the east boundary of the McDowell Mountain Regional Park;
11. thence, westerly along the southern line of Township 5 North to a point where the southern line intersects with the eastern line of Range 5 East which line is the boundary of Tonto National Forest and the north boundary of McDowell Mountain Regional Park;

12. thence, northerly along the eastern line of Range 5 East to a point where the eastern line of Range 5 East intersects with the northern line of Township 5 North, which line is the boundary of the Tonto National Forest;
13. thence, westerly along the northern line of Township 5 North to a point where the northern line of Township 5 North intersects with the easterly line of Range 4 East, said line is the boundary of the Tonto National Forest;
14. thence, northerly along the eastern line of Range 4 East to a point where the eastern line of Range 4 East intersects with the northern line of Township 6 North, which line is the boundary of the Tonto National Forest;
15. thence, westerly along the northern line of Township 6 North to a point of intersection with the Maricopa-Yavapai County line, which is generally described in Arizona Revised Statute Section 11-109 as the center line of the Aqua Fria River (Also the north end of Lake Pleasant);
16. thence, southwesterly and southerly along the Maricopa-Yavapai County line to a point which is described by Arizona Revised Statute Section 11-109 as being on the center line of the Aqua Fria River, two miles southerly and below the mouth of Humbug Creek;
17. thence, southerly along the center line of the Aqua Fria River to the intersection of the center line of the Aqua Fria River and the center line of Beardsley Canal, said point is generally in the northeast quarter of Section 17, Township 5 North, Range 1 East, as shown on the U.S. Geological Survey's Baldy Mountain, Arizona Quadrangle Map, 7.5 Minute series (Topographic), dated 1964;
18. thence, southwesterly and southerly along the center line of Beardsley Canal to a point which is the center line of the Beardsley Canal where it intersects with the center line of Indian School Road;
19. thence, westerly along the center line of West Indian School Road to a point where the center line of West Indian School Road intersects with the center line of North Jackrabbit Trail;
20. thence, southerly along the center line of Jackrabbit Trail approximately nine and three-quarter miles to a point where the center line of Jackrabbit Trail intersects with the Gila River, said point is generally on the north-south quarter section line of Section 8, Township 1 South, Range 2 West;
21. thence, northeasterly and easterly up the Gila River to a point where the Gila River intersects with the northern extension of the western boundary of Estrella Mountain Regional Park, which point is generally the quarter corner of the northern line of Section 31, Township 1 North, Range 1 West;
22. thence, southerly along the extension of the western boundary and along the western boundary of Estrella Mountain Regional Park to a point where the southern extension of the western boundary of Estrella Mountain Regional Park intersects with the southern line of Township 1 South;
23. thence, easterly along the southern line of Township 1 South to a point where the south line of Township 1 South intersects with the western line of Range 1 East, which line is generally the southern boundary of Estrella Mountain Regional Park;
24. thence, southerly along the western line of Range 1 East to the southwest corner of Section 18, Township 2 South, Range 1 East, said line is the western boundary of the Gila River Indian Reservation;
25. thence, easterly along the southern boundary of the Gila River Indian reservation, which is the southern line of Sections 13, 14, 15, 16, 17 and 18, Township 2 South, Range 1 East, to the boundary between Maricopa and Pinal Counties as described in Arizona Revised Statutes Section 11-109 and 11-113, which is the eastern line of Range 1 East;
26. thence, northerly along the eastern boundary of Range 1 East, which is the common boundary between Maricopa and Pinal Counties, to a point where the eastern line of Range 1 East intersects the Gila River;
27. thence, southerly up the Gila River to a point where the Gila River intersects with the southern line of Township 2 South; and
28. thence, easterly along the southern line of Township 2 South to the point of beginning which is a point where the southern line of Township 2 South intersects with the eastern line of Range 7 East.

Tucson nonattainment area boundary:

Pima Co.^P: For a description of the Tucson Urban Area, see 51 FR 27843, Aug 4, 1986 - Township and Ranges as follows: T11-12S, R12-14E; T13-15S, R11-16E; and T16S, R12-16E Gila and Salt River Baseline and Meridian excluding portions of the Saguaro National Monument and the Coronado National Forest)

California

Lake Tahoe South Shore, CA, nonattainment area boundary:

El Dorado County^P:

That portion of El Dorado County within the drainage area naturally tributary to Lake Tahoe including said Lake.

Lake Tahoe North Shore, CA, nonattainment area boundary:

Placer County^P:

That portion of Placer County within the drainage area naturally tributary to Lake Tahoe including said Lake, plus that area in the vicinity of the head of the Truckee River described as follows: commencing at the point common to the aforementioned drainage area crestline and the line common to Townships 15 North and 16 North, Mount Diablo Base and Meridian (M.D.B.&M.), and following that line in a westerly direction to the northwest corner of Section 3, Township 15 North, Range 16 East, M.D.B.&M., thence south along the west line of Sections 3 and 10, Township 15 North, Range 16 East, M.D.B.&M., to the intersection with the said drainage area crestline, thence following the said drainage area boundary in a southeasterly, then northeasterly direction to and along the Lake Tahoe Dam, thence following the said drainage area crestline in a northeasterly, then northwesterly direction to the point of beginning. [46 FR 3891, Jan. 16, 1981]

Los Angeles-South Coast Air Basin nonattainment area boundary:

This nonattainment area consists of the territorial areas encompassed by the boundaries of the following area.
In the State of California:

Orange County - Entire county.

Los Angeles County⁹ - that portion of Los Angeles County which lies south and west of a line described as follows:

1. Beginning at the Los Angeles - San Bernardino County boundary and running west along the township line common to Township 3 North and Township 2 North, San Bernardino Base and Meridian;
2. then north along the range line common to Range 8 West and Range 9 West;
3. then west along the township line common to Township 4 North and Township 3 North;
4. then north along the range line common to Range 12 West and Range 13 West to the southeast corner of Section 12, Township 5 North and Range 13 West;
5. then west along the south boundaries of Sections 12, 11, 10, 9, 8, and 7, Township 5 North and Range 13 West to the boundary of the Angeles National Forest which is collinear with the range line common to Range 13 West and Range 14 West;
6. then north and west along the Angeles National Forest boundary to the point of intersection with the township line common to Township 7 North and Township 6 North (point is at the northwest corner of Section 4 in Township 6 North and Range 14 West);
7. then west along the township line common to Township 7 North and Township 6 North;
8. then north along the range line common to Range 15 West and Range 16 West to the southeast corner of Section 13, Township 7 North and Range 16 West;
9. then along the south boundaries of Sections 13, 14, 15, 16, 17, and 18, Township 7 North and Range 16 West;
10. then north along the range line common to Range 16 West and Range 17 West to the north boundary of the Angeles National Forest (collinear with the township line common to Township 8 North and Township 7 North);
11. then west along the Angeles National Forest boundary to the point of intersection with the south boundary of the Rancho La Liebre Land Grant;
12. then west and north along this land grant boundary to the Los Angeles-Kern County boundary.

San Bernardino County⁹ - that portion of San Bernardino County which lies south and west of a line described as follows:

1. Beginning at the San Bernardino - Riverside County boundary and running north along the range line common to Range 3 East and Range 2 East, San Bernardino Base and Meridian;
2. then west along the township line common to Township 3 North and Township 2 North to the San Bernardino - Los Angeles County boundary; and that portion of San Bernardino County which lies south and west of a line described as follows:
3. latitude 35 degrees, 10 minutes north and longitude 115 degrees, 45 minutes west.

Riverside County⁹ - that portion of Riverside County which lies to the west of a line described as follows:

1. Beginning at the Riverside - San Diego County boundary and running north along the range line common to Range 4 East and Range 3 East, San Bernardino Base and Meridian;
2. then east along the township line common to Township 8 South and Township 7 South;
3. then north along the range line common to Range 5 East and Range 4 East;
4. then west along the township line common to Township 6 South and Township 7 South to the southwest corner of Section 34, township 6 South, Range 4 East;
5. then north along the west boundaries of Sections 34, 27, 22, 15, 10, and 3, Township 6 South, Range 4 East;
6. then west along the township line common to Township 5 South and Township 6 South;
7. then north along the range line common to Range 4 East and Range 3 East;
8. then west along the south boundaries of Sections 13, 14, 15, 16, 17, and 18, Township 5 South, Range 3 East;
9. then north along the range line common to Range 2 East and Range 3 East;
10. then west along the township line common to Township 4 South and Township 3 South to the intersection of the southwest boundary of partial Section 31, Township 3 South, Range 1 West;
11. then northwest along that line to the intersection with the range line common to Range 2 West and Range 1 West;
12. then north to the Riverside-San Bernardino County line.

San Diego nonattainment area boundary:

Western part of San Diego County:

that portion of San Diego County which lies west of a line described as follows:

1. Beginning at the United States - Mexico border and running north along the range line common to range 7 East, and Range 6 East, San Bernardino Base and Meridian, to the southeast corner of Township 16 South, Range 6 East;
 2. then west along the township line common to Township 16 South and Township 17 South to the southwest corner of Township 16 South, Range 6 East;
 3. then north along the range line common to Range 6 East and Range 5 East to the southeast corner of Township 14 South, Range 5 East;
 4. then west along the township line common to Township 14 South and Township 15 South to the point of intersection with the east boundary of Cuyamaca Park;
 5. then north along the east boundary of Cuyamaca Park to the point of intersection with the range line common to Range 5 East and Range 4 East;
 6. then north along this range line to the point of intersection with the south boundary of San Felipe Land Grant;
 7. then east and north along the land grant boundary to the easternmost corner;
 8. then continuing west and north along the land grant boundary to the point of intersection with the range line common to Range 5 East and Range 4 East;
 9. then north along this range line to the point of intersection with the township line common to Township 10 South and Township 9 South;
 10. then west along this township line to the point of intersection with the range line common to Range 4 East and Range 3 East;
 11. then north along this range line to the San Diego - Riverside County boundary.
- (taken from the description of the San Diego Intrastate Air Quality Control Region (40 CFR 81.164), as it existed prior to January 16, 1981.)

Colorado**Denver Metro nonattainment area boundary:**

The boundaries for the Denver nonattainment area for carbon monoxide (CO) are described as follows:

Start at Colorado Highway 52 where it intersects the eastern boundary of Boulder County;

Follow Highway 52 west until it intersects Colorado Highway 119; Follow northern boundary of Boulder city limits west to the 6000-ft. elevation line;

Follow the 6000-ft. elevation line south through Boulder and Jefferson Counties to US 6 in Jefferson County;

Follow US 6 west to the Jefferson County-Clear Creek County line;

Follow the Jefferson County western boundary south for approximately 16.25 miles;

Follow a line east for approximately 3.75 miles to South Turkey Creek;

Follow South Turkey Creek northeast for approximately 3.5 miles;

Follow a line southeast for approximately 2.0 miles to the junction of South Deer Creek Road and South Deer Creek Canyon Road;

Follow South Deer Creek Canyon Road northeast for approximately 3.75 miles;

Follow a line southeast for approximately five miles to the northernmost boundary of Pike National Forest where it intersects the Jefferson County-Douglas County line;

Follow the Pike National Forest boundary southeast through Douglas County to the Douglas County-El Paso County line;

Follow the southern boundary on Douglas County east to the Elbert County line;

Follow the eastern boundary of Douglas County north to the Arapaho County line;

Follow the southern boundary of Arapahoe County east to Kiowa Creek;

Follow Kiowa Creek northeast through Arapahoe and Adams counties to the Adams County-Weld County line;

Follow the northern boundary of Adams County west to the Boulder County line;

Follow the eastern boundary of Boulder County north to Highway 52.

Longmont nonattainment area boundary:

Boulder and Weld Counties^P:

Hwy 52 West from the Boulder/Weld County line to 95th Street/Hoover Road, then north on 95th Street/Hoover Road to the intersection of Plateau Road and SH 119, then west on Plateau Road to the intersection of Hygiene Road, then due north to the Boulder/Larimer County line, then due east to the intersection of the Boulder/Larimer/Weld County lines, then south along the Boulder/Weld County line to Hwy 52, plus the portion of the City of Longmont east of the Boulder/Weld County line in Weld County.

Colorado Springs nonattainment boundary:

El Paso and Teller Counties^P:

COLORADO SPRINGS TRANSPORTATION STUDY AREA

Beginning near the Town of Palmer Lake, at the Northwest corner of the Study Area at a point on the El Paso/Douglas County line, also on the Pike National Forest boundary, then: east along the County line to Elbert Road; south on Elbert Road to Judge Orr Road; east on Judge Orr Road to Ellicott Highway; south on Ellicott Highway to Squirrel Creek Road; west on Squirrel Creek Road to Williams Creek; south along Williams Creek to the confluence of Williams and Fountain Creeks; south along Fountain Creek to the El Paso/Douglas County line; west on the County line to I-25; north on I-25 to Exit 132; west on McGrath to 35th; south on 35th to Specker; northwest on Specker to Titus Blvd.; west on Titus Blvd. to SH-115; south on SH-115 to Rock Creek; northwest along Rock Creek to the Pike National Forest boundary; north along the Forest boundary to Old Stage Road; southwest on Old Stage Road to Gold Camp Road; north on Gold Camp Road to High Drive; north on High Drive to Lower Gold Camp Road; north on Lower Gold Camp Road to the Pike National Forest boundary; west along the Forest boundary, following the boundary north, then east to US-24; northwest on US-24 to the Pikes Peak Toll Road; west on the Toll Road to the El Paso/Teller County line; north along the County line to Crystola Creek; west on Crystola Creek to County Road 282, north on Road 282 to US-24; northeast on US-24 to Trout Creek Road; northwest on Trout Creek Road to Trout Creek; north along Trout Creek to the confluence of Trout and Mule Creeks; north along Mule Creek to Long Gulch; east along Long Gulch to White Gulch; east along White Gulch to Rampart Range Road; southeast on Rampart Range Road to the Pike National Forest Boundary; north along the Forest boundary to the El Paso/Douglas County line, to the point of origin.

Idaho**Boise-Northern Ada County nonattainment area boundary:**

Ada County^P:

The Boise-Ada County Nonattainment Area is described as follows: Beginning at a point in the center of the channel of the Boise River which the section line between sections fifteen (15) and sixteen (16), township three (3) north, range four (4) east, crosses said river; thence, down the center of the channel of the Boise River to a point opposite the mouth of More's Creek. Thence, in a straight line north forty-four (44) degrees and thirty-eight (38) minutes west until the said line intersects the north line of township five (5) north (12 Ter. Ses.67); thence west to the northwest corner of township five (5) north, range one (1) west; thence, southerly to the northwest corner of township three (3) north, range one (1) west; thence east to the northwest corner of Section four (4), township three (3) north, range one (1) west; thence, south to the southeast corner of section thirty-two (32), township two (2) north, range one (1) west; thence, west to the northwest corner of township one (1) north, range one (1) west; thence, southerly to the southwest corner of township one (1) north, range one (1) west, thence east to the southwest corner of section thirty-three (33), township one (1) north, range four (4) east; thence, in a northerly direction along the north and south centerline of townships one, (1) two (2), and three (3) north, range four (4) east, Boise Meridian, to a point in the center of the channel of the Boise River where the section line between sections fifteen (15) and sixteen (16), township three (3) north, range four (4) east, Boise Meridian, crosses said Boise River, the point of beginning.

Michigan**Detroit nonattainment area boundary:**

Macomb County,^P Oakland County^P and Wayne County^P

Detroit Area included within the following (counterclockwise): Lake St. Clair to 14 Mile Road to Kelly Road, N. to 15 Mile Road to Hayes Road, S. to 14 Mile Road to Clawson City boundary following N. Clawson City boundary to N. Royal Oak City boundary to 13 Mile Road to Evergreen Road to southern Beverly Hills City boundary to southern Bingham Farms City boundary to southern Franklin City boundary to Inkster Road, south to Pennsylvania Road, extending east to the Detroit River.

Montana**Missoula nonattainment area boundary:**

Missoula Co.^P

Missoula and vicinity including the following (Range and Township) sections:

R19W T14N - Sections: 29 and 32

R19W T13N - Sections: 2, 5, 7, 8, 11, 14 through 24, and 26 through 34

R19W T12N - Sections: 4 through 7

R20W T13N - Sections: 23 through 26, 35 and 36

Billings nonattainment area boundary:

Yellowstone Co.^P

The following areas of Yellowstone Co. (Range and Township) sections:

R25E T1N - Sections 24 through 27 and 34 through 36

R25E T1S - Sections 1, 2, and 12

R26E T1N - Sections 19 through 22 and 27 through 34

R26E T1S - Sections 2 through 11 and 15 through 18

Great Falls nonattainment area boundary:

Cascade Co.^P

Great Falls designated area:

North boundary - 9th Avenue South or its straight line extension

East boundary - 54th Street South or its straight line extension

South boundary - 11th Avenue South or its straight line extension

West boundary - 2nd Street South or its straight line extension

Oregon**Eugene-Springfield nonattainment area boundary:**

Lane County^P

The Eugene-Springfield Nonattainment Area is described as:

The area within the bounds beginning at the Northwest corner of T17S, R4W;

extending South to the Southwest corner of Section 6, T17S, R4W; thence East to the Northwest corner of Section 8, T17S, R4W; thence South to the Southwest corner of Section 32, T17S, R4W; thence East to the Northeast corner of Section 4, T18S, R4W; thence South to the Southwest corner of section 3, T18S, R4W; thence East to the Northwest corner of Section 12, T18S, R4W; thence South to the Southwest corner of Section 13, T18S, R4W; thence East to the Northeast corner of Section 24, T18S, R4W; thence South to the Southeast corner of Section 24, T18S, R4W; thence East to the Northeast corner of Section 21, T18S, R3W; thence North to the Northeast corner of Section 21, T18S, R3W; thence East to the Northeast corner of Section 22, T18S, R3W; thence South to the Southwest corner of Section 23, T18S, R3W; thence East to the Southeast corner of Section 24, T18S, R3W; thence North to the Southeast corner of Section 1, T18S, R3W; thence East to the Southeast corner of Section 2, T18S, R2W; thence North to the Northeast corner of Section 26, T17S, R2W; thence West to the Southwest corner of Section 20, T17S, R2W; thence North to the Northwest corner of Section 20, T17S, R2W; thence West to the Southwest corner of Section 13, T17S, R3W; thence North to the Northwest corner of Section 13, T17S, R3W; thence West to the Southwest corner of Section 11, T17S, R3W; thence North to the Northwest corner of Section 11, T17S, R3W; thence West to the Southwest corner of Section 6, T17S, R3W; thence North to the Northwest corner of Section 31, T16S, R3W; thence West to the Northwest corner of Section 34, T16S, R4W; thence South to the Southwest corner of Section 34, T16S, R4W; thence West to the point of beginning.

(Air Quality Maintenance Area)

Texas**El Paso nonattainment area boundary:**

El Paso Co.^P:

Portion of the City Limits of El Paso: That portion of the City of El Paso bounded on the north by Highway 10 from Porfirio Diaz Street to Raynolds Street, Raynolds Street from Highway 10 to the Southern Pacific Railroad lines, the Southern Pacific Railroad lines from Raynolds Street to Highway 62, Highway 62 from the Southern Pacific Railroad lines to Highway 20 and Highway 20 from Highway 62 to Polo Inn Road; bounded on the east by Polo Inn Road from Highway 20 to the Texas Mexico border; bounded from the south by the Texas-Mexico border from Polo Inn Road to Porfirio Diaz Street; and bounded on the west by Porfirio Diaz Street from the Texas-Mexico border to Highway 10.

Washington**Yakima nonattainment area boundary:**Yakima Co.⁹

Portion of the Central Business District

Street Intersections:

S 16th Ave / W Mead Ave

S 16th Ave / Hathaway Ave

E "I" St / N 1st St

N 1st St / E "G" St

E "G" St / N 8th St

N 8th St / Pitcher St

Pitcher St / I-82 Interchange

Nob Hill Blvd Interchange

Nob Hill Blvd Interchange

Rudkin Road Interchange

S 1st St / Old Town Rd / Main St

W Washington / S 1st St

E Mead Ave / S 1st St

S 16th Ave / W Mead Ave

Seattle-Tacoma nonattainment area boundary:King, Pierce and Snohomish Counties⁹

As approved by the King and Snohomish Subregional Councils of PSCOG on 3/10/83 and 3/17/83, respectively, and amended by the Snohomish Subregional Council on 5/19/83; and as approved by WSDOT and FHWA on 8/10/83 and 9/2/83, respectively; and as corrected by FHWA on 5/12/86

Beginning at the King-Snohomish County line at the point where it meets the Kitsap County line in the middle of Puget Sound; Thence north along the Snohomish-Kitsap County line in the middle of Puget Sound to the Snohomish-Island County line; Thence northeast along the Snohomish-Island County line in Puget Sound and Possession Sound to a point between Whidbey Island and the City of Mukilteo located half-way between Randall Point and Elliott Point; Thence northeast along a line that meets the Everett City Limits at a point in Possession Sound located about two miles north of the southwest corner of Section 34, T29N R4E WM; Thence north and northeast along the Everett City Limits in Possession Sound to a point located approximately half-way between Gedney Island (also known as Hat Island) and Preston Point at the mouth of the Snohomish River; Thence northwest along a line in Possession Sound located half-way between Gedney Island and the shore of the Tulalip Indian Reservation, and along this line to its intersection with the Snohomish-Island County line; Thence north along the Snohomish-Island County line to a point in Port Susan west of 68th Drive NW, with this point located near the north line of Section 19, T30N R4E WM; Thence northeast along a line from this point to the east line of the end of 68th Drive NW located in Section 17, T30N R4E WM; Thence southeast and northeast along the east and north line of 68th Drive NW to its intersection with the north line of Marine Drive; Thence southeast, east, and northeast along the north line of Marine Drive to its intersection with the east line of Meridian Avenue North which is located in Section 36, T30N R4E WM; Thence north along the east line of Meridian Avenue North and Meridian Avenue North extended to its intersection with the north line of Section 36, T30N, R4E WM; Thence east along the north line of Section 36, T30N, R4E WM to its intersection with the east line of the same Section, which is also the line separating R4E WM from R5E WM; Thence north along the line separating R4E WM from R5E WM to its intersection with the south line of Fire Trail Road (also known as 140th Street NW); Thence east, south, and east along the south line of Fire Trail Road to its intersection with the west line of I-5; Thence south along the west line of I-5 to its intersection with the south line of 128th Street NE; Thence east along the south line of 128th Street NE to its intersection with the Burlington Northern railroad tracks; Thence northeast along the Burlington Northern railroad tracks to the south line of Levin Road (also known as 152d Street NE); Thence east along the south line of Levin Road to the west line of 67th Avenue NE; Thence south along the west line of 67th Avenue NE to its intersection with the south line of 84th Street NE; Thence east along the south line of 84th Street NE to the west line of SR-9; Thence south along the west line of SR-9 to its intersection with the south line of SR-92; Thence east and northeast along the south line of SR-92 to its intersection with the east line of Hartford Road (also known as 131st Avenue NE); Thence south along the east line of Hartford Road to its intersection with the east line of the Machias-Hartford Road at 28th Street NE; Thence south along the Machias-Hartford Road to its intersection with the north line of O.K. Mill Road; Thence northeast along the north line of the O.K. Mill Road to the west shore of the Pilchuck River; Thence southwest, south, and west along the west shore of the Pilchuck River to its confluence with the east shore of the Snohomish River; Thence north and northwest along the east and north shore of the Snohomish River to the east line of SR-9; Thence south along the east line of SR-9 to its intersection with the north line of 108th Street SE; Thence west along the north line of 108th Street SE to its intersection with the north line of Williams Road (also known as Marsh Road); Thence southwest and south along the north and west line of Williams Road to its intersection with the west line of Lowell-Larimer Road; Thence south along the west line of Lowell-Larimer Road to its intersection with the west line of Seattle Hill Road; Thence southwest, west, southeast, and southwest along the west line of Seattle Hill Road to the Puget Sound Power and Light Transmission line located in Section 33, T28N R5E WM; Thence south along the Puget Sound Power and Light Transmission line to the south line of 180th Street SE (also known as Vine Street); Thence east along the south line of 180th Street SE to its intersection with the west line of 51st Avenue SE; Thence south along the west line of 51st Avenue SE to Bear Creek at approximately the 186th Street SE right-of-way; Thence south on Bear Creek to the south line of Bear Creek Road; Thence south on the south line of Bear Creek Road to the north line of Maltby Road; Thence west and northwest along the north line of Maltby Road to its intersection with the west line of 39th Avenue SE; Thence south along the west line of 39th Avenue SE to its intersection with the south line of 228th Street SE; Thence east along the south line of 228th Street SE to its intersection with the west line on 57th Avenue SE; Thence south along the west line of 57th Avenue SE to its intersection with the south line of 238th Street SE; Thence east along the south line of 238th Street SE to its intersection with the west line of 58th Avenue SE; Thence south along the west line of 58th Avenue SE to its intersection with the Snohomish-King County line; Thence east along the Snohomish-King County line to its intersection with the west line of 197th Avenue NE; Thence south

along the west line of 197th Avenue NE to its intersection with the south line of Paradise Lake Road; Thence east and south along the south and west line of Paradise Lake Road to its intersection with the north line of NE Woodinville-Duvall Road; Thence west along the north line of NE Woodinville-Duvall Road to its intersection with the east line of Avondale Road NE; Thence south along the east line of Avondale Road NE to the Redmond City Limits at a point north of NE Novelty Hill Road; Thence east, southeast, and west along the Redmond City Limits to the east line of Avondale Road NE; Thence south along the east line of Avondale Road NE to the Redmond City Limits at a point on the north line of NE Novelty Hill Road; Thence northeast and south along the Redmond City Limits to the north line of NE 95th Street; Thence east along the north line of NE 95th Street to its intersection with the west line of 195th Avenue NE; Thence south along the west line of 195th Avenue NE to where it becomes 196th Avenue NE and along the west line of 196th Avenue NE to its intersection with the north line of the Redmond-Fall City Road; Thence east along the north line of the Redmond-Fall City Road to its intersection with the west line of 244th Avenue NE; Thence south along the west line of 244th Avenue NE to its intersection with the north line of NE 8th Street; Thence west along the north line of NE 8th Street to its intersection with the east line of 228th Avenue SE; Thence south along the east line of 228th Avenue SE to its intersection with the north line of Issaquah-Pine Lake Road SE; Thence southeast along the north line of Issaquah-Pine Lake Road SE to its intersection with the north line of SE 32d Way; Thence northeast along the north line of SE 32d Way to its intersection with the north line of SE 32d Street; Thence east along the north line of SE 32th Street to its intersection with the north line of Issaquah-Beaver Lake Road; Thence southeast along the north line of the Issaquah-Beaver Lake Road to its intersection with the west line of the Issaquah-Fall City Road SE; Thence southwest along the west line of the Issaquah-Fall City Road SE to its intersection with the east line of the East Lake Sammamish Parkway SE; Thence south along the east line of East Lake Sammamish Parkway SE to its intersection with the Issaquah City Limits at a point just north of I-90; Thence following along the Issaquah City Limits in a clockwise direction around the City's east, south, and west limits to the south line of SE Newport Way; Thence northwest along the south line of SE Newport Way to its intersection with the east line of the Lakemont Boulevard SE right-of-way located in the vicinity of the SR-901 interchange with I-90; Thence south and southwest along the east line of the Lakemont Boulevard SE right-of-way to where it becomes an existing roadway at 164th Way SE, then along the east line of Lakemont Boulevard SE to its intersection with the south line of SE Newcastle-Coal Creek Road; Thence west along the south line of SE Newcastle-Coal Creek Road to where it becomes 133d Avenue SE, then south along the east line of 133d Avenue SE to its intersection with the east line of Coal Creek Parkway SE; Thence south along the east line of the Coal Creek Parkway SE to its intersection with the south line of SE May Valley Road; Thence east along the south line of SE May Valley Road to its intersection with the east line of 148th Avenue SE; Thence south along the east line of 148th Avenue SE to its intersection with the north line of SR-900; Thence east and southeast along the north line of SR-900 to its intersection with the south line of SE May Valley Road; Thence east and southeast along the south line of SE May Valley Road to its intersection with the east line of SE 128th Way; Thence southwest and northwest along the east and south line of SE 128th Way to its intersection with the west line of 196th Avenue SE; Thence south along the west line of 196 Avenue SE to the west line of 196th Avenue SE extended which runs along the east line of Section 18 and Section 19, T23N R6E WM; Thence south along the west line of 196th Avenue SE extended to its intersection with the north line of SE Jones Road; Thence southeast, south, and west along the north and east line of SE Jones Road to its intersection with the west line of SR-169; Thence northwest along the west line of SR-169 to its intersection with the west line of 196th Avenue SE; Thence south along the west line of 196th Avenue SE to the Bonneville Power Administration Transmission lines; Thence west along the Bonneville Power Administration Transmission lines to the east line of 174th Avenue SE extended; Thence south along the east line of 174th Avenue SE extended to where it becomes an existing roadway, then continuing along the east line of 174th Avenue SE to where it becomes West Lake Desire SE (also known as 172d Avenue SE), then continuing southwest and south along the east line of West Lake Desire Drive to its intersection with the south line of SE 184th Street; Thence west along the south line of SE 184th Street to its intersection with the west line of SE Petrovitsky Road which is also the north line of the boundary to the City of Seattle's Lake Youngs watershed; Thence west along the north line of the Lake Youngs watershed boundary to the west line of 148th Avenue SE; Thence south along the west line of 148th Avenue SE to its intersection with the south line of SE 208th Street; Thence west along the south line of SE 208th Street to Big Soos Creek; Thence southeast along Big Soos Creek to the west line of 148th Avenue SE; Thence south along the west line of 148th Avenue SE to its intersection with the south line of SE 156th Street; Thence east along the south line of SE 156th Street to its intersection with the west line of 167th Avenue SE; Thence north along the west line of 167th Avenue SE to its intersection with the north line of SE 253d Street; Thence northeast along the north line of SE 253d Street to its intersection with the west line of 169th Place SE; Thence northeast along the west line of 169th Place SE to its intersection with the north line of SE 252d Street; Thence east along the north line of SE 252d Street to its intersection with the east line of 170th Place SE; Thence south along the east line of 170th Place SE to its intersection with the south line of SE 256th Street; Thence east along the south line of SE 256th Street to its intersection with the west line of 180th Avenue SE; Thence north along the west line of 180th Avenue SE to its intersection with the north line of SE Wax Road; Thence crossing 180th Avenue SE from west to east at the north line of SE Wax Road, and then going north along the east line of 180th Avenue SE to its intersection with the south line of SE 240th Street; Thence east along the south line of SE 240th Street to the north line of SE Wax Road; Thence crossing SE 240th Street from south to north at the north line of SE Wax Road, and then going along the north line of SE 240th Street to its intersection with the north line of North Road; Thence northeast along the north line of North Road to its intersection with the west line of SR-169; Thence south along the west line of SR-169 to its intersection with the west line of Wittle Road SE (also known as 220th Avenue SE); Thence south along the west line of Wittle Road SE to its intersection with the north line of SE 276th Street; Thence west along the north line of SE 276th Street to its intersection with the east line of 216th Avenue SE; Thence north along the east line of 216th Avenue SE to its intersection with the south line of SR-516; Thence west along the south line of SR-516 to its intersection with the east line of 208th Avenue SE; Thence south along the east line of 208th Avenue SE to its intersection with the south line of SE 276th Street; Thence west and northwest along the south line of SE 276th Street to its intersection with the west line of 204th Avenue SE; Thence north along the west line 204th Avenue SE to its intersection with the south line of SR-516; Thence west along the south line of SR-516 to its intersection with the west line of SE Wax Road; Thence southwest along the west line of SE Wax Road to its intersection with the north line of Covington Way SE (also known as SE 248th Street; Thence northwest, northeast, and north along the north and east line of Covington Way SE to its intersection with the south line of SR-156; Thence west along the south line of SR-516 to its intersection with the east line of 135th Avenue SE; Thence south along the east line of 135th Avenue SE to its intersection with the south line of SE 278th Street; Thence west along the south line of SE 278th Street to its intersection with the east line of 132d Avenue SE; Thence south along the east line of 132d Avenue SE to 132d Way SE, then southwest along the east line of 132d Way SW to its intersection with the north line of SE 312th Way; Thence southeast along the northeast line of SE 312th Way to its intersection with the southeast line of SR-18; Thence southwest along the southeast line of SR-18 to its intersection with the Auburn City Limits at the Auburn-Black Diamond Interchange of SR-18; Thence south, east, south, and east along the Auburn City Limits until it meets the west line of SE Green Valley Road which it then crosses from west to east; Thence east and south along the Auburn City Limits to the north line of SE Green Valley; Thence east along the north line of SE Green Valley Road to the southwest shore of the Green River; Thence southeast along the southwest shore of the Green River to the Auburn City Limits at a point on the north line of Section 27, T21N R5E WM; Thence following along the Auburn City Limits in a southeasterly, southerly, and westerly direction to the north line of SR-164.

PM-10 Nonattainment Areas

Listed by Region then Alphabetically

I	New Haven, CT	IX	Ajo, AZ
I	Presque Isle, ME	IX	Coachella Valley, CA
II	Guaynabo, PR	IX	Douglas, AZ
III	Clairton, PA	IX	Hayden/Miami, AZ
III	Follansbee, WV	IX	Imperial Valley, CA
V	Cuyahoga County, OH	IX	Las Vegas, NV
V	Detroit, MI	IX	Mammoth Lake, CA
V	Granite City, IL	IX	Nogales, AZ
V	Lake County, IN	IX	Owens Valley, CA
V	Lyons Township, McCook, IL	IX	Paul Spur, AZ
V	Mingo Junction, OH	IX	Phoenix, AZ
V	Oglesby, IL	IX	Reno, NV
V	Rochester, MN	IX	Rillito, AZ
V	St. Paul, MN	IX	San Joaquin Valley, CA
V	Southeast Chicago, IL	IX	Searles Valley, CA
V	Vermillion County, IN	IX	South Coast Basin, CA
VI	Anthony, NM	IX	Yuma, AZ
VI	El Paso, TX	X	Boise, ID
VIII	Aspen, CO	X	Bonner County, ID
VIII	Butte, MT	X	Eagle River, AK
VIII	Canon City, CO	X	Grants Pass, OR
VIII	Columbia Falls, MT	X	Juneau, AK
VIII	Denver Metro, CO	X	Kent, WA
VIII	Kalispell, MT	X	Klamath Falls, OR
VIII	Lamar, CO	X	LaGrand, OR
VIII	Lame Deer, MT	X	Medford, OR
VIII	Libby, MT	X	Olympia/Tumwater/Lacey, WA
VIII	Missoula, MT	X	Pinehurst, ID
VIII	Pagosa Springs, CO	X	Pocatello, ID
VIII	Polson, MT	X	Seattle, WA
VIII	Ronan, MT	X	Spokane, WA
VIII	Salt Lake County, UT	X	Springfield/Eugene, OR
VIII	Sheridan, WY	X	Tacoma, WA
VIII	Telluride, CO	X	Walla Walla, WA
VIII	Utah County, UT	X	Yakima, WA

Lead Nonattainment and Unclassifiable Areas

County	State	Whole/Part County	Designation
Listed by Area			
Bexar	TX	Part	Unclassifiable
Collin	TX	Part	Nonattainment
Cuyahoga	OH	Part	Unclassifiable
Dakota	MN	Part	Nonattainment
Dent	MO	Whole	Unclassifiable
Douglas	NE	Part	Nonattainment
East Baton Rouge	LA	Whole	Unclassifiable
Fayette	TN	Part	Unclassifiable
Hillsborough	FL	Part	Unclassifiable
Holt	MO	Whole	Unclassifiable
Iron (2 areas)	MO	Part	Nonattainment
Jefferson	MO	Part	Nonattainment
Jefferson	AL	Part	Nonattainment
Lewis & Clark	MT	Part	Nonattainment
Marion	IN	Part	Unclassifiable
Marion	IN	Part	Nonattainment
Muscogee	GA	Whole	Nonattainment
Onondaga	NY	Whole	Unclassifiable
Shelby	TN	Part	Nonattainment
Williamson	TN	Part	Nonattainment

Listed by State

Jefferson	AL	Part	Nonattainment
Hillsborough	FL	Part	Unclassifiable
Muscogee	GA	Whole	Nonattainment
Marion	IN	Part	Nonattainment
Marion	IN	Part	Unclassifiable
East Baton Rouge	LA	Whole	Unclassifiable
Dakota	MN	Part	Nonattainment
Dent	MO	Whole	Unclassifiable
Holt	MO	Whole	Unclassifiable
Iron (2 areas)	MO	Part	Nonattainment
Jefferson	MO	Part	Nonattainment
Lewis & Clark	MT	Part	Nonattainment
Douglas	NE	Part	Nonattainment
Onondaga	NY	Whole	Unclassifiable
Cuyahoga	OH	Part	Unclassifiable
Fayette	TN	Part	Unclassifiable
Shelby	TN	Part	Nonattainment
Williamson	TN	Part	Nonattainment
Bexar	TX	Part	Unclassifiable
Collin	TX	Part	Nonattainment

County	State	Whole/Part County	Designation
Listed by Designation then Area			
Collin	TX	Part	Nonattainment
Dakota	MN	Part	Nonattainment
Douglas	NE	Part	Nonattainment
Iron (2 areas)	MO	Part	Nonattainment
Jefferson	MO	Part	Nonattainment
Jefferson	AL	Part	Nonattainment
Lewis & Clark	MT	Part	Nonattainment
Marion	IN	Part	Nonattainment
Muscogee	GA	Whole	Nonattainment
Shelby	TN	Part	Nonattainment
Williamson	TN	Part	Nonattainment
Bexar	TX	Part	Unclassifiable
Cuyahoga	OH	Part	Unclassifiable
Dent	MO	Whole	Unclassifiable
East Baton Rouge	LA	Whole	Unclassifiable
Fayette	TN	Part	Unclassifiable
Hillsborough	FL	Part	Unclassifiable
Holt	MO	Whole	Unclassifiable
Marion	IN	Part	Unclassifiable
Onondaga	NY	Whole	Unclassifiable

Sulfur Dioxide

Existing Nonattainment Areas

Alabama

Colbert Co.^s
Lauderdale Co.^s

Arizona

Cochise Co. (Douglas)^P
Gila Co. (Miami/Globe)^P
Greenlee Co. (Morenci)^P
Pima Co. (Ajo)^P
Pinal Co. (Hayden)^P
Pinal Co. (San Manuel)^P

Illinois

Peoria Co. (part)^{PS}
Tazewell Co. (part)^P

Indiana

Lake Co. (part)^P
Laporte Co. (part)^P
Marion Co. (part)^P
Vigo Co.^P
Wayne Co. (part)^P

Kentucky

Boyd Co. (part)^P
Muhlenberg Co.^s

Maine

AQCR 109 (Penobscot Co.(part) Millinocket)^P

Minnesota

AQCR 131 (Minneapolis-St Paul)^P
Olmsted Co. (Rochester)^P

Montana

Lewis and Clark Co. (East Helena)^{PS}
Yellowstone Co. (Laurel)^P

New Jersey

Warren Co. (Upper Delaware Valley)^{PS}

New Mexico

Grant Co. (part)^P

Nevada

White Pine Co. (Central Steptoe Valley)^P

Ohio

Coshocton Co. (Franklin Township)^P
Cuyahoga Co. (part)^P
Gallia Co. (Addison Township)^s
Jefferson Co. (part)^P
Lake Co. (part)^P
Lorain Co. (part)^P
Lucas Co. (part)^P
Morgan Co. (Center Township)^s
Washington Co.^s

Pennsylvania

Allegheny Co.^P
Armstrong Co.^P
Warren Co.^P

Tennessee

Benton Co. (surrounding TVA Johnsonville)^{PS}
Humphreys Co.(surrounding
TVA Johnsonville)^{PS}
Polk Co.^{PS}

Utah

Salt Lake Co.^{PS}
Tooele Co. (part)^{PS}

Wisconsin

Brown Co. (Green Bay)^P
Dane Co. (Madison)^P
Marathon Co. (Rothschild)^{PS}
Milwaukee Co. (Milwaukee)^P
Oneida Co. (Rhineland)^{PS}

West Virginia

Hancock Co. (part)^P

Guam

Piti - Cabras^P
Tanquisson^P

^P Primary Standard Exceeded

^s Secondary Standard Exceeded

Sections of the Clean Air Act Relating to Designations and Classifications

Sec. 107 (d) Designations.—

(4) Nonattainment designations for ozone, carbon monoxide and particulate matter (PM-10).—

(A) Ozone and carbon monoxide.— (i) Within 120 days after the date of the enactment of the Clean Air Act Amendments of 1990, each Governor of each State shall submit to the Administrator a list that designates, affirms or reaffirms the designation of, or redesignates (as the case may be), all areas (or portions thereof) of the Governor's State as attainment, nonattainment, or unclassifiable with respect to the national ambient air quality standards for ozone and carbon monoxide.

(ii) No later than 120 days after the date the Governor is required to submit the list of areas (or portions thereof) required under clause (i) of this subparagraph, the Administrator shall promulgate such designations, making such modifications as the Administrator may deem necessary, in the same manner, and under the same procedure, as is applicable under clause (ii) of paragraph (1)(B), except that the phrase "60 days" shall be substituted for the phrase "120 days" in that clause. If the Governor does not submit, in accordance with clause (i) of this subparagraph, a designation for an area (or portion thereof), the Administrator shall promulgate the designation that the Administrator deems appropriate.

(iii) No nonattainment area may be redesignated as an attainment area under this subparagraph.

(iv) Notwithstanding paragraph (1)(C)(ii) of this subsection, if an ozone or carbon monoxide nonattainment area located within a metropolitan statistical area or consolidated metropolitan statistical area (as established by the Bureau of the Census) is classified under part D of this title as a Serious, Severe, or Extreme Area, the boundaries of such area are hereby revised (on the date 45 days after such classification) by operation of law to include the entire metropolitan statistical area or consolidated metropolitan statistical area, as the case may be, unless within such 45-day period the Governor (in consultation with State and local air pollution control agencies) notifies the Administrator that additional time is necessary to evaluate the application of clause (v). Whenever a Governor has submitted such a notice to the Administrator, such boundary revision shall occur on the later of the date 8 months after such classification or 14 months after the date of the enactment of the Clean Air Act Amendments of 1990 unless the Governor makes the finding referred to in clause (v), and the Administrator concurs in such finding, within such period. Except as otherwise provided in this paragraph, a boundary revision under this clause or clause (v) shall apply for purposes of any State implementation plan revision required to be submitted after the date of the enactment of the Clean Air Act Amendments of 1990.

(v) Whenever the Governor of a State has submitted a notice under clause (iv), the Governor, in consultation with State and local air pollution control agencies, shall undertake a study to evaluate whether the entire metropolitan statistical area or consolidated metropolitan statistical area should be included within the nonattainment area. Whenever a Governor finds and demonstrates to the satisfaction of the Administrator, and the Administrator concurs in such finding, that with respect to a portion of a metropolitan statistical area or consolidated metropolitan statistical area, sources in the portion do not contribute significantly to violation of the national ambient air quality standard, the Administrator shall approve the Governor's request to exclude such portion from the nonattainment area. In making such finding, the Governor and the Administrator shall consider factors such as population density, traffic congestion, commercial development, industrial development, meteorological conditions, and pollution transport.

SUBPART 2—ADDITIONAL PROVISIONS FOR OZONE NONATTAINMENT AREAS

SEC. 181. CLASSIFICATIONS AND ATTAINMENT DATES.

(a) Classification and Attainment Dates for 1989 Nonattainment Areas.— (1) Each area designated nonattainment for ozone pursuant to section 107(d) shall be classified at the time of such designation, under table 1, by operation of law, as a Marginal Area, a Moderate Area, a Serious Area,

a Severe Area, or an Extreme Area based on the design value for the area. The design value shall be calculated according to the interpretation methodology issued by the Administrator most recently before the date of the enactment of the Clean Air Act Amendments of 1990. For each area classified under this subsection, the primary standard attainment date for ozone shall be as expeditiously as practicable but not later than the date provided in table 1.

TABLE 1

Area class	Design value*	Primary standard attainment date**
Marginal	0.121 up to 0.138	3 years after enactment
Moderate	0.138 up to 0.160	6 years after enactment
Serious	0.160 up to 0.180	9 years after enactment
Severe	0.180 up to 0.280	15 years after enactment
Extreme	0.280 and above	20 years after enactment

* The design value is measured in parts per million (ppm).

** The primary standard attainment date is measured from the date of the enactment of the Clean Air Amendments of 1990.

(2) Notwithstanding table 1, in the case of a severe area with a 1988 ozone design value between 0.190 and 0.280 ppm, the attainment date shall be 17 years (in lieu of 15 years) after the date of the enactment of the Clean Air Amendments of 1990.

(3) At the time of publication of the notice under section 107(d)(4) (relating to area designations) for each ozone nonattainment area, the Administrator shall publish a notice announcing the classification of such ozone nonattainment area. The provisions of section 172(a)(1)(B) (relating to lack of notice and comment and judicial review) shall apply to such classification.

(4) If an area classified under paragraph (1) (Table 1) would have been classified in another category if the design value in the area were 5 percent greater or 5 percent less than the level on which such classification was based, the Administrator may, in the Administrator's discretion, within 90 days after the initial classification, by the procedure required under paragraph (3), adjust the classification to place the area in such other category. In making such adjustment, the Administrator may consider the number of exceedances of the national primary ambient air quality standard for ozone in the area, the level of pollution transport between the area and other affected areas, including both intrastate and interstate transport, and the mix of sources and air pollutants in the area.

Sec 181 (b) New Designations and Reclassifications.

(3) **Voluntary reclassification.**— The Administrator shall grant the request of any State to reclassify a nonattainment area in that State in accordance with table 1 of subsection (a) to a higher classification. The Administrator shall publish a notice in the Federal Register of any such request and of action by the Administrator granting the request.

SEC. 185A. TRANSITIONAL AREAS.

If an area designated as an ozone nonattainment area as of the date of enactment of the Clean Air Act Amendments of 1990 has not violated the national primary ambient air quality standard for ozone for the 36-month period commencing on January 1, 1987, and ending on December 31,

1989, the Administrator shall suspend the application of the requirements of this subpart to such area until December 31, 1991. By June 30, 1992, the Administrator shall determine by order, based on the area's design value as of the attainment date, whether the area attained such standard by December 31, 1991. If the Administrator determines that the area attained the standard, the Administrator shall require, as part of the order, the State to submit a maintenance plan for the area within 12 months of such determination. If the Administrator determines that the area failed to attain the standard, the Administrator shall, by June 30, 1992, designate the area as nonattainment under section 107(d)(4).

**SUBPART 3 — ADDITIONAL PROVISIONS FOR CARBON MONOXIDE NONATTAINMENT AREAS
SEC. 186. CLASSIFICATION AND ATTAINMENT DATES.**

(a) Classification by Operation of Law and Attainment Dates for Nonattainment Areas.— (1) Each area designated nonattainment for carbon monoxide pursuant to section 107(d) shall be classified at the time of such designation under table 1, by operation of law, as a Moderate Area or a Serious Area based on the design value for the area. The design value shall be calculated according to the interpretation methodology issued by the Administrator most recently before the date of the enactment of the Clean Air Act Amendments of 1990. For each area classified under this subsection, the primary standard attainment date for carbon monoxide shall be as expeditiously as practicable but not later than the date provided in table 1:

TABLE 3

Area classification	Design value	Primary standard attainment date
Moderate	9.1 - 16.4 ppm	December 31, 1995
Serious	16.5 and above	December 31, 2000

(2) At the time of publication of the notice required under section 107 (designating carbon monoxide nonattainment areas), the Administrator shall publish a notice announcing the classification of each such carbon monoxide nonattainment area. The provisions of section 172(a)(1)(B) (relating to lack of notice-and-comment and judicial review) shall apply with respect to such classification.

(3) If an area classified under paragraph (1), table 1, would have been classified in another category if the design value in the area were 5 percent greater or 5 percent less than the level on which such classification was based, the Administrator may, in the Administrator's discretion, within 90 days after the date of the enactment of the Clean Air Act Amendments of 1990 by the procedure required under paragraph (2), adjust the classification of the area. In making such adjustment, the Administrator may consider the number of exceedances of the national primary ambient air quality standard for carbon monoxide in the area, the level of pollution transport between the area and the other affected areas, and the mix of sources and air pollutants in the area. The Administrator may make the same adjustment for purposes of paragraphs (2), (3), (6), and (7) of section 187(a).

OZONE CONTROL REQUIREMENTS (VOC)




SEVERE
(0.180 up to 0.280ppm)

EXTREME
(0.280ppm and above)

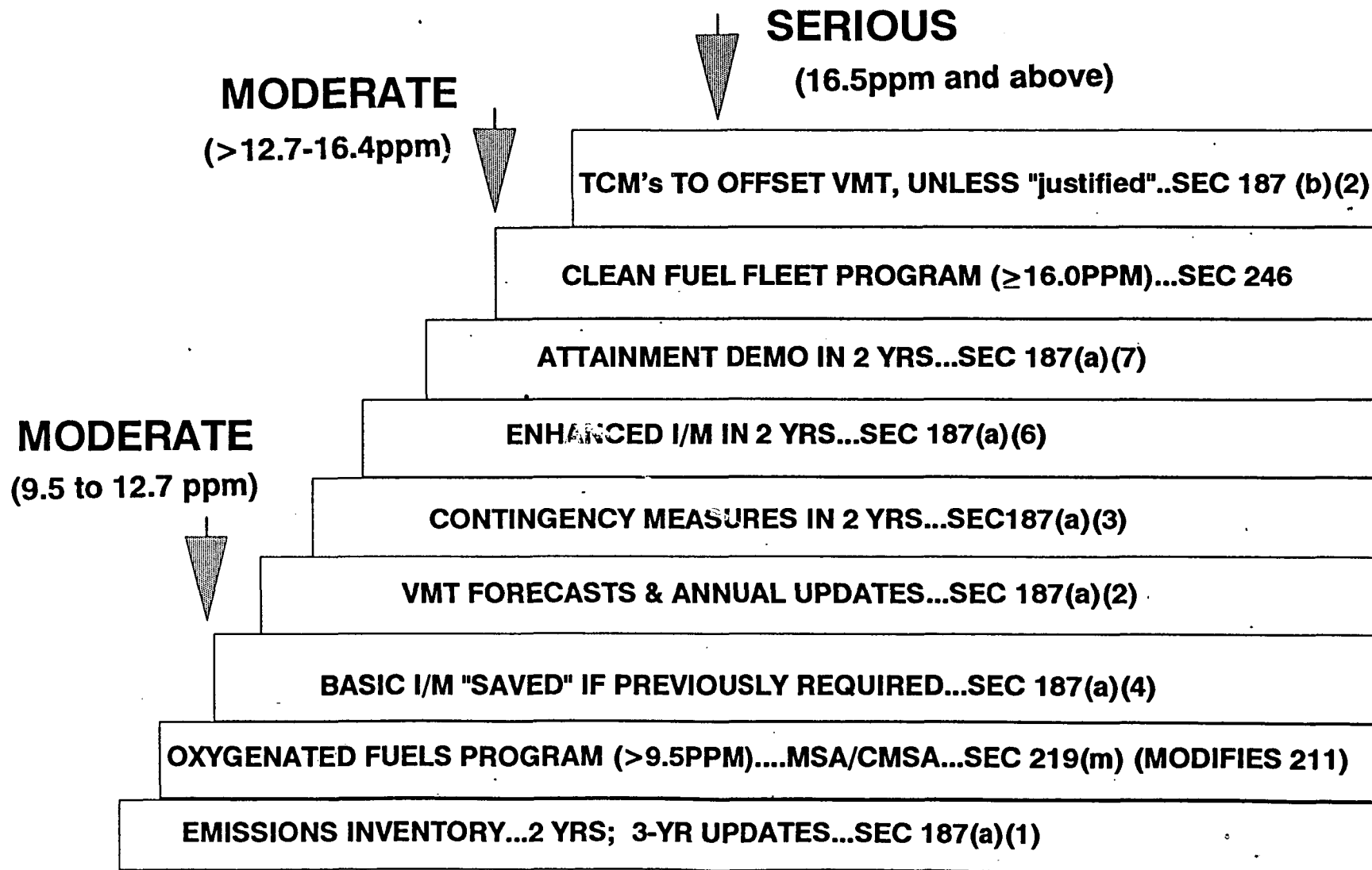
SERIOUS
(0.160 up to 0.180ppm)

MODERATE
(0.138 up to 0.160ppm)

MARGINAL
(0.121 up to 0.138ppm)

 SERIOUS (0.160 up to 0.180ppm)	TRAFFIC CTROLS DURING CONGESTION		
	CLEAN FUELS RQT FOR BOILER (PLAN IN 3 YRS)		
	NO WAIVERS FROM 15 OR 3% REDUCTION RQT		
	RQT FOR FEES.. MAJOR SOURCES IF FAIL TO ATTAIN		
	MEASURES TO OFFSET VMT GROWTH... DUE 2YRS		
 MODERATE (0.160ppm)	CONTINGENCY MEASURES IF 'MILESTONE' MISSED		
	SPECIFIC NSR REQUIREMENTS FOR EXISTING SOURCE MODS		
	VMT DEMONSTRATION (& TCMs IF NEEDED)...6 YRS		
	CLEAN FUELS PROGRAM (IF APPLICABLE)....42 MOS		
	ENHANCED I/M....DUE 2 YRS	ENHANCED MONITORING....SIP > 18 MOS.	
 ANAL	DEMONSTRATION OF ATTAINMENT...4 YRS		
	PLAN FOR 3% ANNUAL AVERAGE REDUCTIONS...DUE 4YRS		
	BASIC I/M (IF NOT ALREADY REQUIRED)....IMMEDIATELY		
	STAGE II GASOLINE VAPOR RECOVERY...DUE 2 YRS		
	RACT "CATCHUPS", RACT ON MAJOR SOURCES....2 YRS		
	PLAN FOR 15% VOC REDUCTIONS WITHIN 6 YRS...DUE 3 YRS		
	NEW SOURCE REVIEW PROGRAM (INCLUDING CORRECTIONS)...2 YRS		
RACT "FIXUPS"...6 MOS.		I/M CORRECTIONS...IMMEDIATELY	
EMISSION INVENTORY DUE IN 2 YRS.		EMISSION STATEMENTS..2 YRS.	
		PERIODIC INVENTORIES	

CO CONTROL REQUIREMENTS



EPA Regional Offices

The Federal Register docket on designations and classifications is located in Room M-1500, First Floor Waterside Mall, 401 M Street SW, Washington, DC. Materials relevant to this rulemaking may be inspected at this location during the hours from 8:30 a.m. to 12:00 noon and from 1:30 p.m. to 3:30 p.m., Monday through Friday. In addition, the public may inspect the same information that is maintained in the docket at the following locations:

<u>Regional Offices</u>	<u>States</u>
Susan Studlien, Chief State Air Programs Branch EPA Region I J.F.K. Federal Building Boston, MA 02203-2211 (617) 565-3245; FTS 835-3245	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont
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Issues of a general nature

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