

ATTACHMENT G

MAPS AND TABLES

OF THE AREA DESIGNATIONS FOR

STATE AND NATIONAL AMBIENT AIR QUALITY STANDARDS

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OF THE AREA DESIGNATIONS FOR
STATE AND NATIONAL AMBIENT AIR QUALITY STANDARDS

A. INTRODUCTION

This attachment fulfills the requirement of Health and Safety Code, section 40718 for the Air Resources Board (the Board) to publish maps that identify where one or more violations of any State or federal ambient air quality standard have been measured. Federal standards are the National Ambient Air Quality Standards promulgated under section 109 of the federal Clean Air Act (42 U.S.C. 7409).

The attachment is divided into three sections. Section 1 details the levels and specific requirements of both the State and the national ambient air quality standards.

Section 2 contains maps and tables showing the area designations for each pollutant for which there is a State ambient air quality standard (State standard). These maps and summary tables reflect the proposed amendments to the area designations that the Board will consider in September 1998, pursuant to Health and Safety Code section 39608. An attainment designation indicates that pollutant concentrations in the area did not violate the State standard for that pollutant, excluding exceedances affected by highly irregular or infrequent events as defined in Appendix 2 to the designation criteria. A nonattainment designation indicates that a pollutant concentration did violate the State standard at least once during the previous three calendar years. Again, exceedances affected by highly irregular or infrequent events are not considered as violations. An unclassified designation indicates that air quality and other relevant information is insufficient to determine whether the area is attainment or nonattainment. In addition to these three major designation categories, there is a subcategory of the nonattainment designation called nonattainment-transitional. This subcategory applies to nonattainment areas that are close to attainment and meet other conditions as specified in the designation criteria.

Section 3 contains maps and summary tables showing the area designations for each pollutant for which there is a national ambient air quality standard (national standard). These area designations have been promulgated as final by the United States Environmental Protection Agency (U.S. EPA) based on the requirements in section 107(d) of the Clean Air Act as amended in 1990 (42 U.S.C. 7407(d)).

1. State and National Ambient Air Quality Standards

The Board has adopted and the U.S. EPA has promulgated ambient air quality concentration levels that define good air quality. These levels are the ambient air quality standards and were established to protect human health and/or welfare. The levels of the State and national standards may differ because the Board and the U.S. EPA considered different bodies of information, and the Board chose to provide a wider margin of safety in the State standards than did the U.S. EPA in the national standards.

An ambient air quality standard is a concentration level expressed in either parts per million or micrograms per cubic meter and averaged over a specific time period such as one-hour, eight-hours, 24-hours, or one year. The different averaging times and concentrations are meant to protect against different exposure effects. Some ambient air quality standards are expressed as a concentration that is not to be exceeded. Others are expressed as a concentration that is not to be equaled or exceeded.

The national standards are further categorized as primary standards and secondary standards. The primary national standards are meant to protect public health. The secondary national standards are meant to protect the public welfare from any known or anticipated adverse effects of the pollutant.

The following table contains information for both the State standards and the national standards. The table includes the new national ozone, PM₁₀, and PM_{2.5} standards, promulgated by the U.S. EPA in July 1997 and made effective in September 1997. Specifically, the table lists the applicable pollutant levels, averaging times, and analytical measurement methods.

[Insert the A.Q. Standards table here as page G-3]

Footnotes

1. California standards for ozone, carbon monoxide (except Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, suspended particulate matter--PM₁₀, and visibility reducing particles, are values that are not to be exceeded. All others are not to be equaled or exceeded.
2. National standards (other than ozone, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest eight-hour concentration in a year, averaged over three years, is equal to or less than the standard. For PM₁₀, the 24-hour standard is attained when 99 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. For PM_{2.5}, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact U.S. EPA for further clarification and current federal policies.
3. Concentration is expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 mm of mercury. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 mm of mercury (1,013.2 millibar); ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
4. Any equivalent procedure which can be shown to the satisfaction of the ARB to give equivalent results at or near the level of the air quality standard may be used.
5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.
6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
7. Reference method as described by the U.S. EPA. An “equivalent method” of measurement may be used but must have a “consistent relationship to the reference method” and must be approved by the U.S. EPA.
8. New national 8-hour ozone and fine particulate matter standards were promulgated by U.S. EPA on July 18, 1997. The national 1-hour ozone standard continues to apply in areas that violate the standard. Contact U.S. EPA for further clarification and current federal policies.

2. Area Designations for the State Ambient Air Quality Standards

This section contains a description of the area designations for each pollutant for which there is a State ambient air quality standard listed in the California Code of Regulations, Title 17, section 70200. The

information presented reflects the proposed amendments to the area designations that the Board will consider in September 1998.

The area designations for each pollutant are presented in the form of a map and a summary table. Areas are identified as attainment, nonattainment, nonattainment-transitional, or unclassified for each pollutant, as shown below:

Attainment	A
Nonattainment	N
Nonattainment-Transitional	T
Unclassified	U

Generally, the Board designates areas by air basin or county. However, when there are areas of an air basin or county with distinctly different air quality deriving from sources and conditions not affecting the entire air basin or county, the Board may designate a smaller area. Generally, when the boundaries of the designated area differ from the air basin or county boundaries, the description of the specific area is referenced at the bottom of the summary table.

FIGURE 1

Area Designations for State Ambient Air Quality Standards OZONE

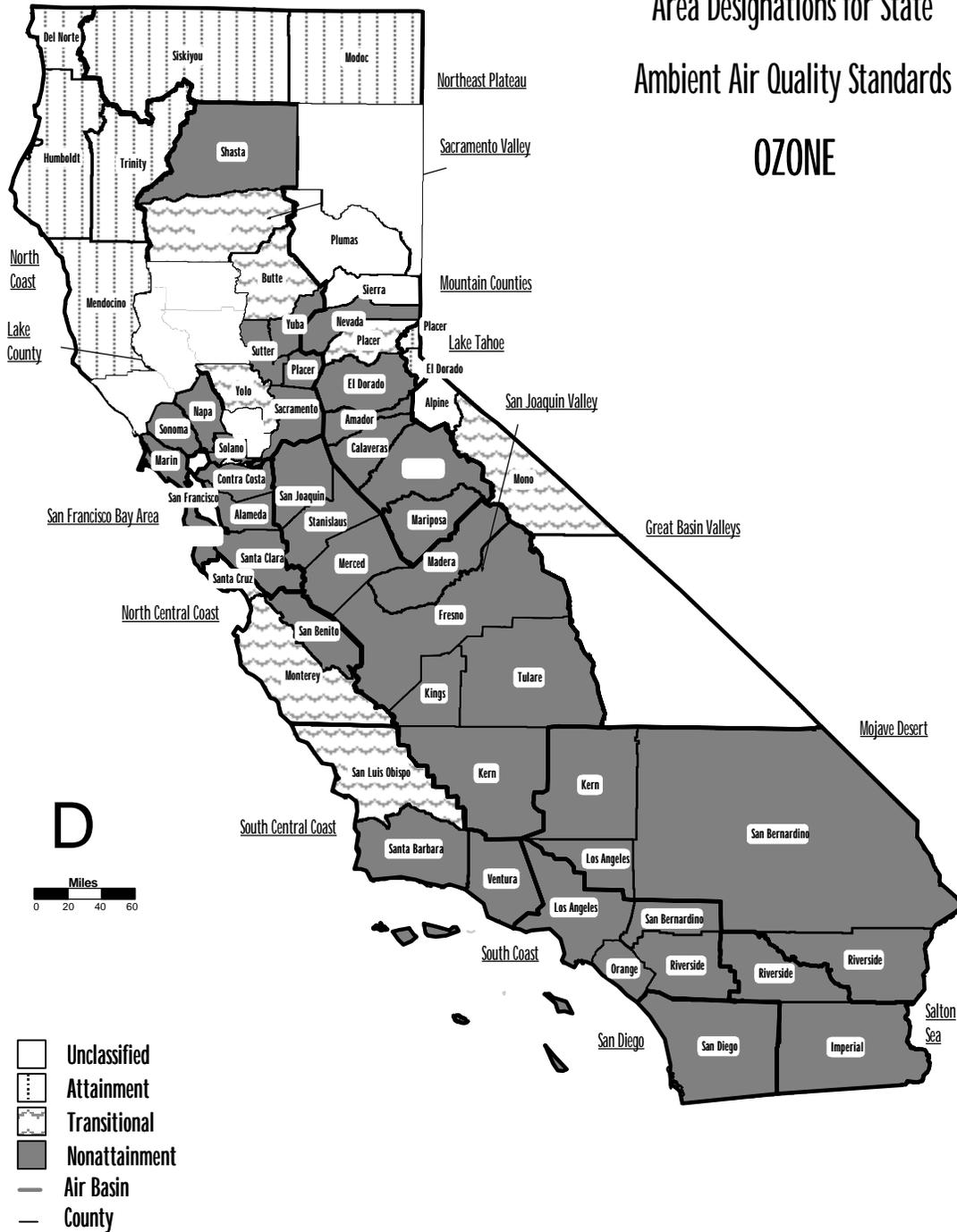


TABLE 1

California Ambient Air Quality Standards
Area Designations for Ozone

	N	T	U	A		N	T	U	A
NORTH COAST AIR BASIN				X	GREAT BASIN VALLEYS AIR BASIN				
SAN FRANCISCO BAY AREA AIR BASIN (1)	X				Alpine County			X	
NORTH CENTRAL COAST AIR BASIN		X			Inyo County			X	
SOUTH CENTRAL COAST AIR BASIN	X				Mono County		X		
San Luis Obispo County (1)		X			MOJAVE DESERT AIR BASIN	X			
Remainder of SCCAB	X				SALTON SEA AIR BASIN	X			
SOUTH COAST AIR BASIN	X				MOUNTAIN COUNTIES AIR BASIN (MCAB)				
SAN DIEGO AIR BASIN	X				Amador County	X			
NORTHEAST PLATEAU AIR BASIN				X	Calaveras County	X			
SACRAMENTO VALLEY AIR BASIN (SVAB)					El Dorado County (MCAB portion)	X			
Colusa County (1)		X			Mariposa County	X			
Butte County (1)		X			Nevada County	X			
Glenn County (1)		X			Placer County (MCAB portion) (1)		X		
Solano County (1)		X			Plumas County			X	
Tehama County (1)		X			Sierra County			X	
Yolo County (1)		X			Tuolumne County	X			
Remainder of SVAB	X				LAKE COUNTY AIR BASIN				X
SAN JOAQUIN VALLEY AIR BASIN	X				LAKE TAHOE AIR BASIN				X

(1) AB 3048 (Olberg), signed into law in 1996, made changes to Health and Safety Code, section 409025.5.

One of these changes allowed districts to become nonattainment-transitional for ozone by operation of law.

FIGURE 2

Area Designations for State
Ambient Air Quality Standards
CARBON MONOXIDE

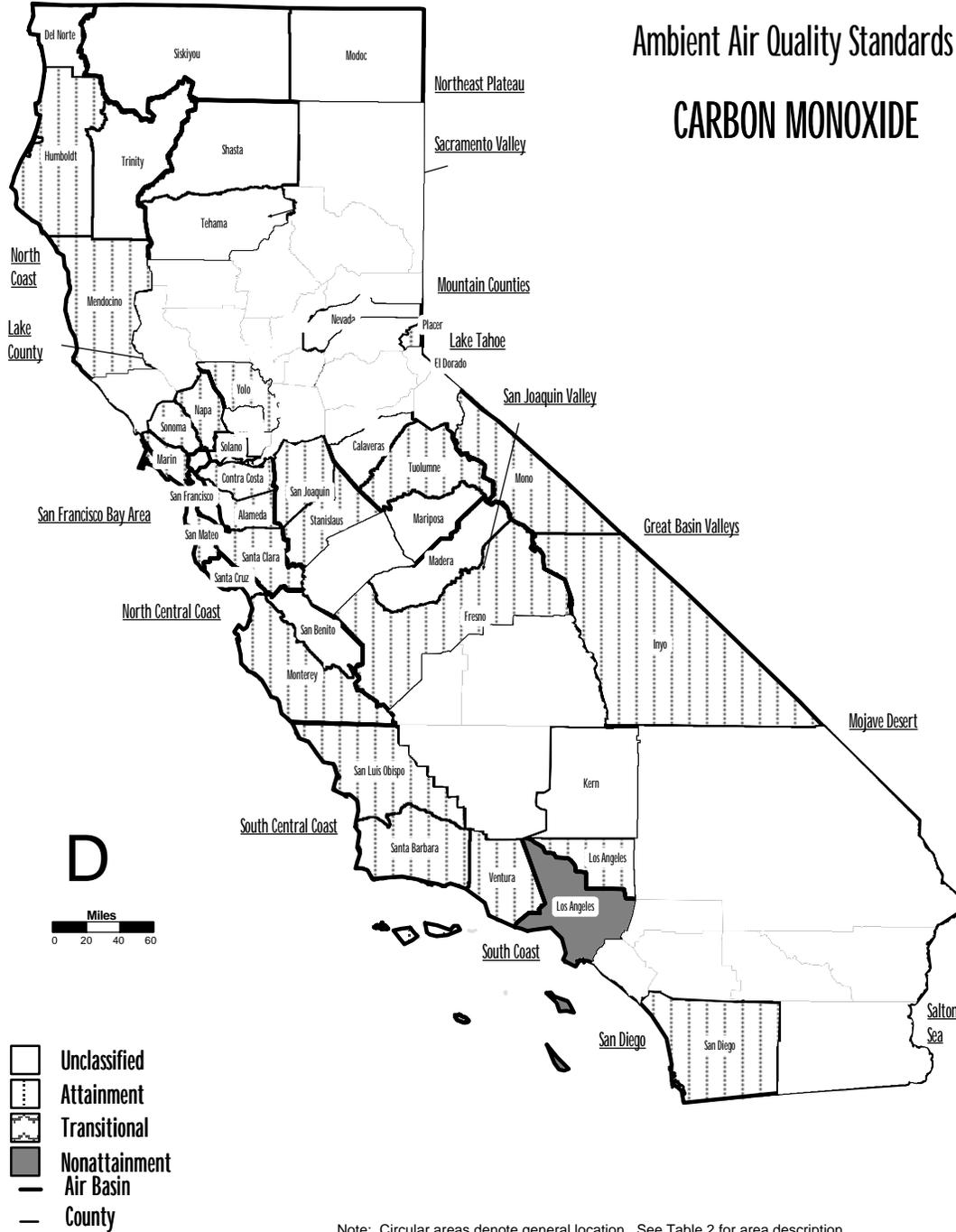


TABLE 2

California Ambient Air Quality Standards
Area Designations for Carbon Monoxide *

	N	T	U	A		N	T	U	A
NORTH COAST AIR BASIN (NCAB)					SAN JOAQUIN VALLEY AIR BASIN CONT.				
Del Norte County			X		Kings County			X	
Humboldt County				X	Madera County			X	
Mendocino County				X	Merced County			X	
Sonoma County (NCAB portion)			X		San Joaquin County				X
Trinity County			X		Stanislaus County				X
SAN FRANCISCO BAY AREA AIR BASIN				X	Tulare County				X
NORTH CENTRAL COAST AIR BASIN					GREAT BASIN VALLEYS AIR BASIN				
Monterey County				X	Alpine County			X	
San Benito County			X		Inyo County				X
Santa Cruz County			X		Mono County				X
SOUTH CENTRAL COAST AIR BASIN				X	MOJAVE DESERT AIR BASIN (MDAB)				
SOUTH COAST AIR BASIN (SoCAB)					Kern County (MDAB portion)			X	
Los Angeles County (SoCAB portion)	X				Los Angeles County (MDAB portion)				X
Orange County				X	Riverside County (MDAB portion)			X	
Riverside County (SoCAB portion)				X	San Bernardino County (MDAB portion)				X
San Bernardino County (SoCAB portion)				X	SALTON SEA AIR BASIN (SSAB)				
SAN DIEGO AIR BASIN				X	Imperial County				
NORTHEAST PLATEAU AIR BASIN			X		-City of Calexico (2)	X			
SACRAMENTO VALLEY AIR BASIN (SVAB)					-Remainder of County			X	
Butte County				X	Riverside County (SSAB portion)				X
Colusa County			X		MOUNTAIN COUNTIES AIR BASIN (MCAB)				
Glenn County			X		Amador County			X	
Placer County (SVAB portion)				X	Calaveras County			X	
Sacramento County				X	El Dorado County (MCAB portion)			X	
Shasta County			X		Mariposa County			X	
Solano County (SVAB portion)				X	Nevada County			X	
Sutter County				X	Placer County (MCAB portion)			X	
Tehama County			X		Plumas County				X
Yolo County				X	Sierra County			X	
Yuba County			X		Tuolumne County				X
SAN JOAQUIN VALLEY AIR BASIN (SJVAB)					LAKE COUNTY AIR BASIN				X
Fresno County				X	LAKE TAHOE AIR BASIN (LTAB)				X
Kern County (SJVAB portion)				X					

(1) 50 Federal Register 47735 (November 20, 1985).

(2) Section 60200(a).

* The area designated for carbon monoxide is a county or portion of a county.

FIGURE 3

Area Designations for State
Ambient Air Quality Standards
NITROGEN DIOXIDE

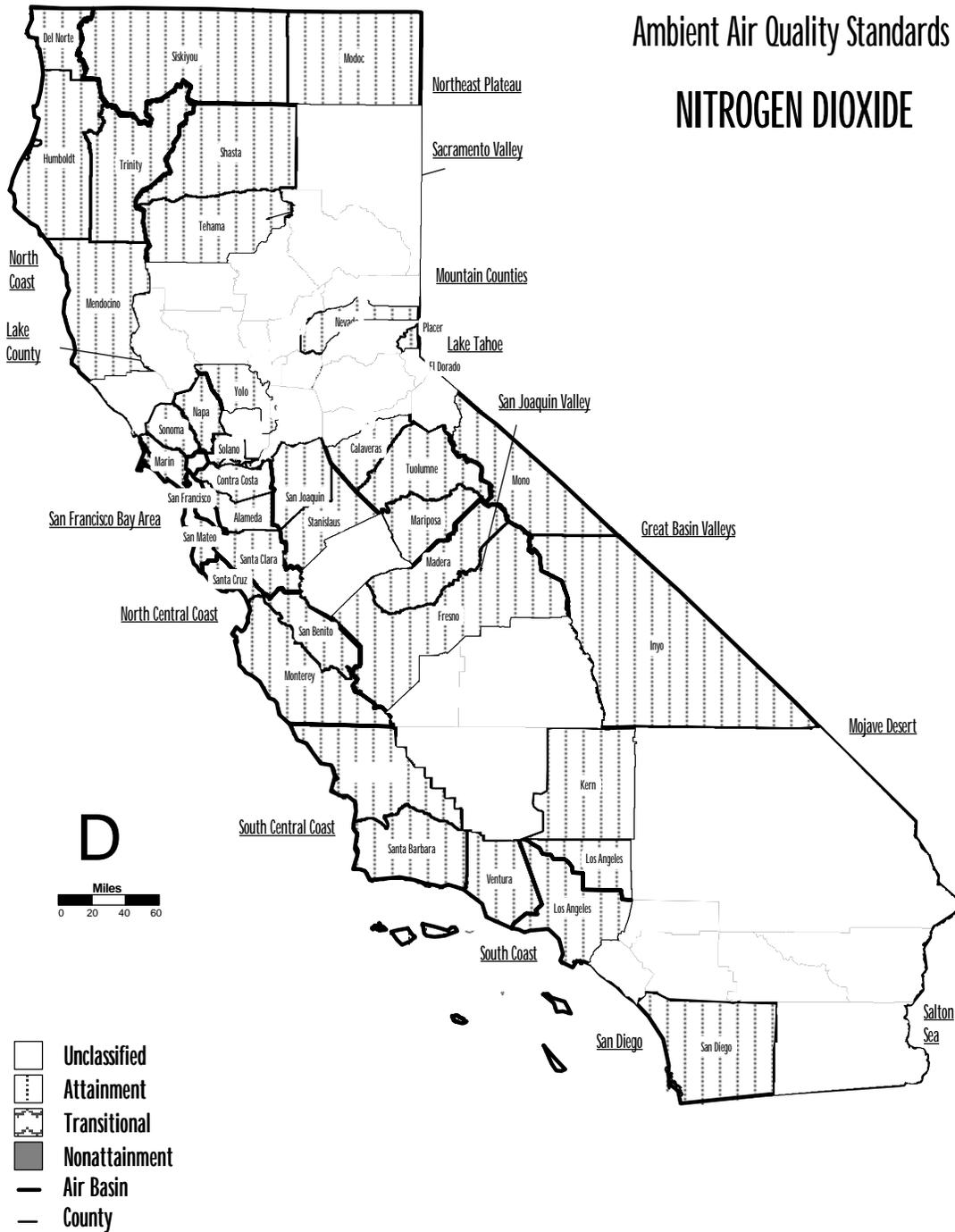


TABLE 3

**California Ambient Air Quality Standards
Area Designations for Nitrogen Dioxide**

	N	T	U	A		N	T	U	A
NORTH COAST AIR BASIN				X	SAN JOAQUIN VALLEY AIR BASIN				X
SAN FRANCISCO BAY AREA AIR BASIN				X	GREAT BASIN VALLEYS AIR BASIN				X
NORTH CENTRAL COAST AIR BASIN				X	MOJAVE DESERT AIR BASIN				X
SOUTH CENTRAL COAST AIR BASIN				X	SALTON SEA AIR BASIN				X
SOUTH COAST AIR BASIN				X	MOUNTAIN COUNTIES AIR BASIN				X
SAN DIEGO AIR BASIN				X	LAKE COUNTY AIR BASIN				X
NORTHEAST PLATEAU AIR BASIN				X	LAKE TAHOE AIR BASIN				X
SACRAMENTO VALLEY AIR BASIN				X					

FIGURE 4

Area Designations for State Ambient Air Quality Standards **SULFUR DIOXIDE**

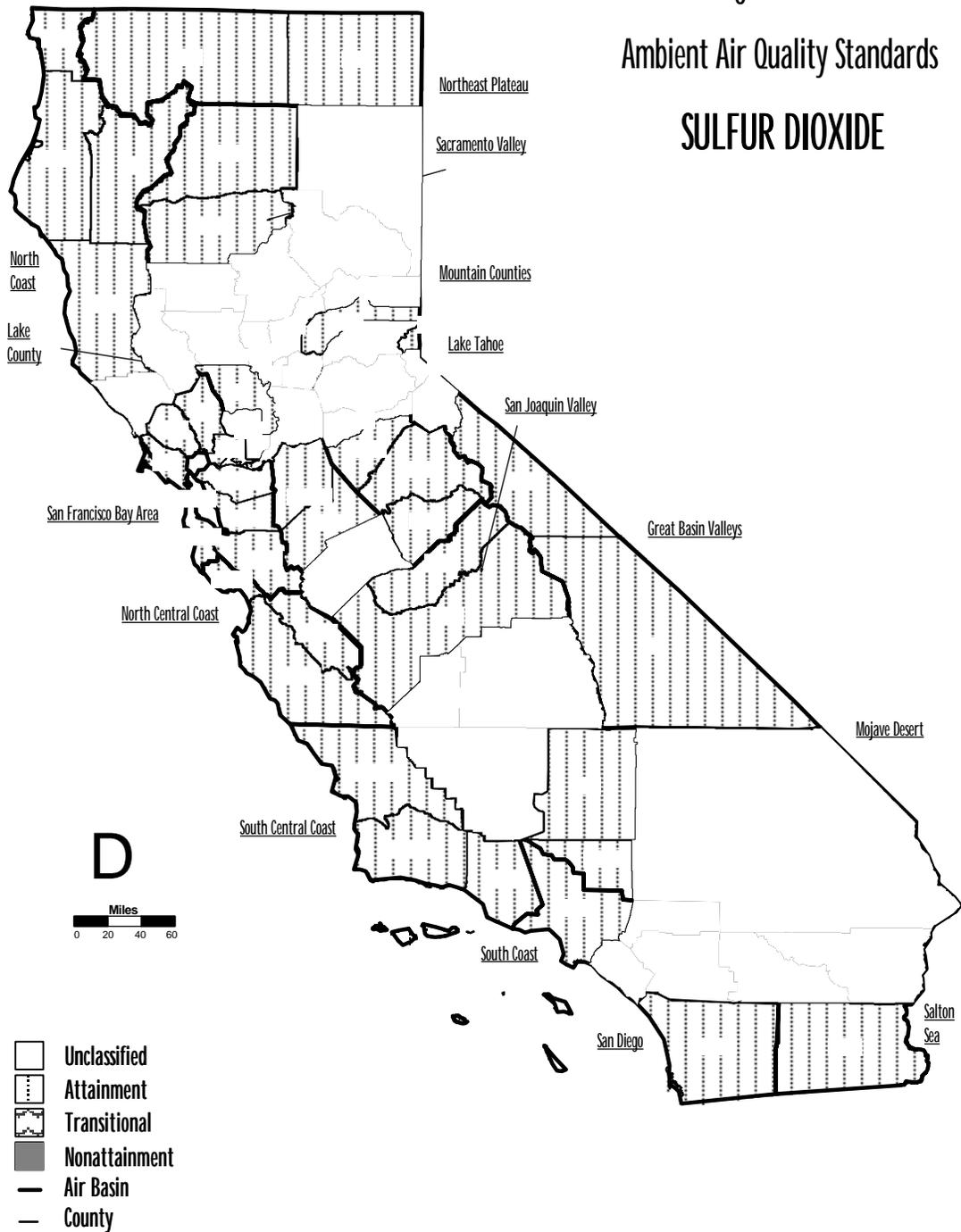


TABLE 4

**California Ambient Air Quality Standards
Area Designations for Sulfur Dioxide***

	N	T	U	A		N	T	U	A
NORTH COAST AIR BASIN				X	SAN JOAQUIN VALLEY AIR BASIN				X
SAN FRANCISCO BAY AREA AIR BASIN				X	GREAT BASIN VALLEYS AIR BASIN				X
NORTH CENTRAL COAST AIR BASIN				X	MOJAVE DESERT AIR BASIN				X
SOUTH CENTRAL COAST AIR BASIN				X	SALTON SEA AIR BASIN				X
SOUTH COAST AIR BASIN				X	MOUNTAIN COUNTIES AIR BASIN				X
SAN DIEGO AIR BASIN				X	LAKE COUNTY AIR BASIN				X
NORTHEAST PLATEAU AIR BASIN				X	LAKE TAHOE AIR BASIN				X
SACRAMENTO VALLEY AIR BASIN				X					

FIGURE 5

Area Designations for State Ambient Air Quality Standards PM 10

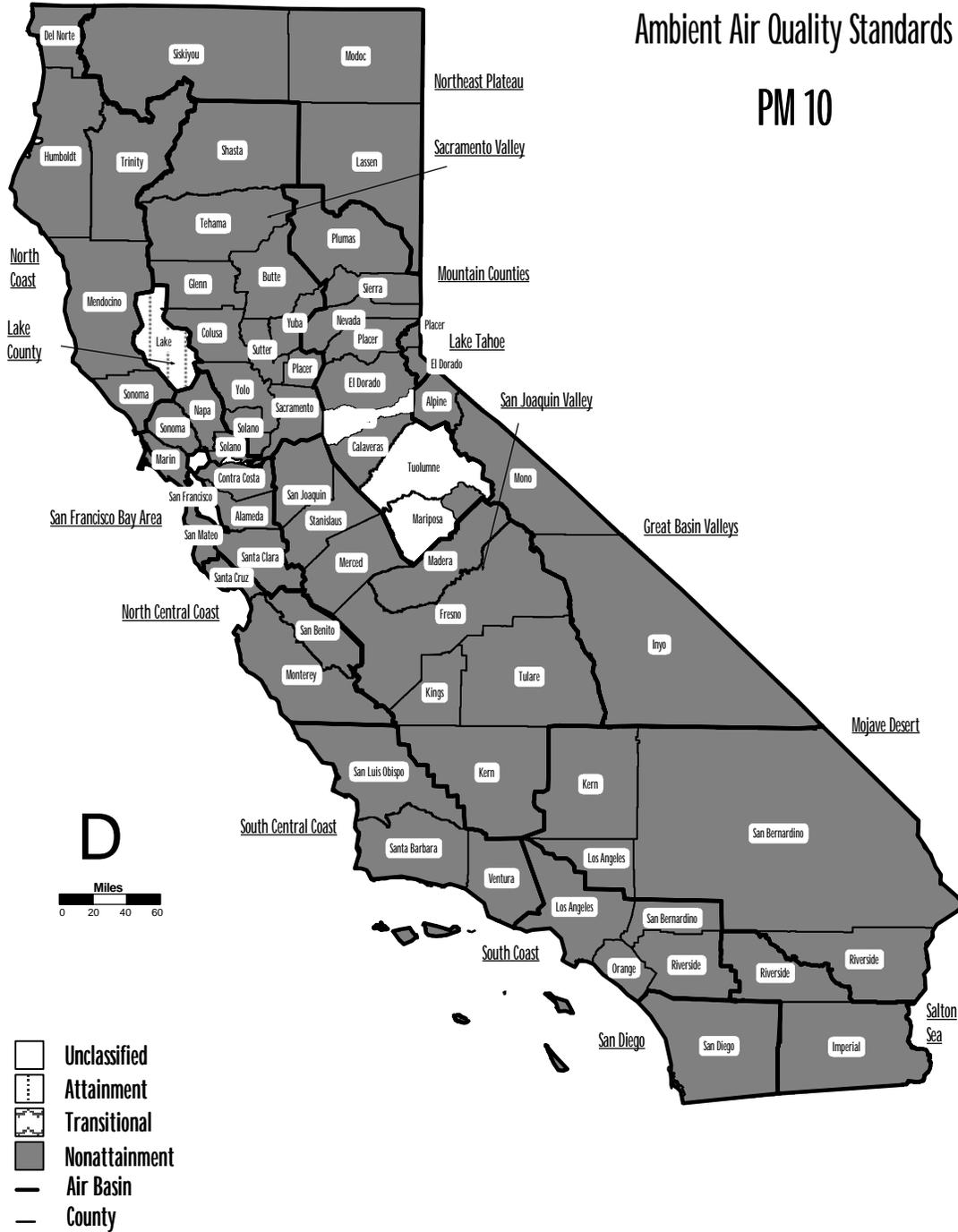


TABLE 5

**California Ambient Air Quality Standards
Area Designations for Suspended Particulate Matter (PM 10)**

	N	T	U	A		N	T	U	A
NORTH COAST AIR BASIN	X				MOUNTAIN COUNTIES AIR BASIN (MCAB) CONT.				
SAN FRANCISCO BAY AREA AIR BASIN	X				Calaveras County	X			
NORTH CENTRAL COAST AIR BASIN	X				El Dorado County (MCAB portion)	X			
SOUTH CENTRAL COAST AIR BASIN	X				Mariposa County				
SOUTH COAST AIR BASIN	X				-Yosemite National Park	X			
SAN DIEGO AIR BASIN	X				-Remainder of County			X	
NORTHEAST PLATEAU AIR BASIN	X				Nevada County	X			
SACRAMENTO VALLEY AIR BASIN	X				Placer County (MCAB portion)	X			
SAN JOAQUIN VALLEY AIR BASIN	X				Plumas County	X			
GREAT BASIN VALLEYS AIR BASIN	X				Sierra County	X			
MOJAVE DESERT AIR BASIN	X				Tuolumne County			X	
SALTON SEA AIR BASIN	X				LAKE COUNTY AIR BASIN				X
MOUNTAIN COUNTIES AIR BASIN (MCAB)					LAKE TAHOE AIR BASIN	X			
Amador County			X						

FIGURE 6

Area Designations for State Ambient Air Quality Standards **SULFATES**

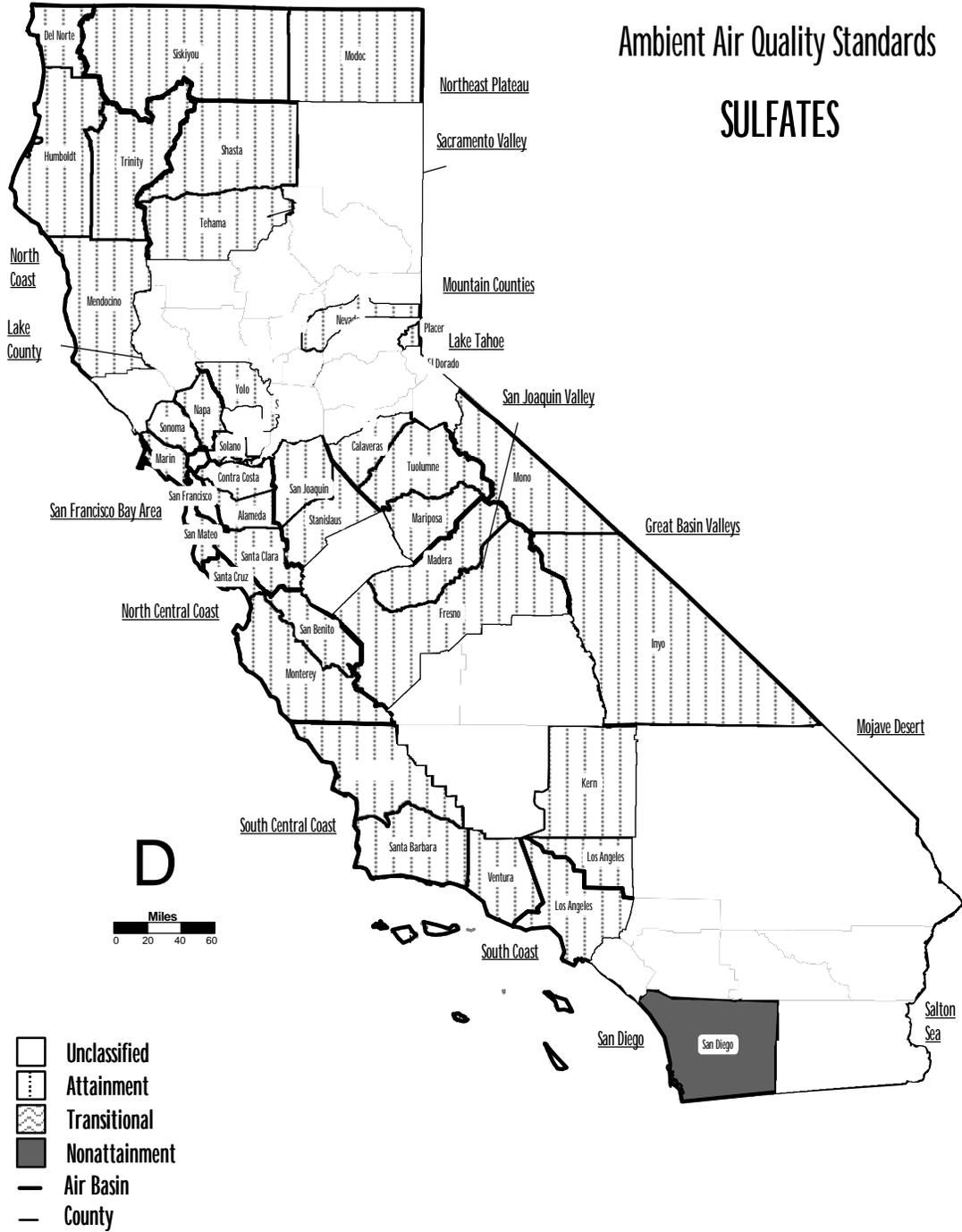


TABLE 6

California Ambient Air Quality Standards
Area Designations for Sulfates

	N	T	U	A		N	T	U	A
NORTH COAST AIR BASIN				X	GREAT BASIN VALLEYS AIR BASIN				X
SAN FRANCISCO BAY AREA AIR BASIN				X	MOJAVE DESERT AIR BASIN (MDAB)				
NORTH CENTRAL COAST AIR BASIN				X	-Searles Valley Planning Area (1)	X			
SOUTH CENTRAL COAST AIR BASIN				X	-Remainder of Air Basin				X
SOUTH COAST AIR BASIN				X	SALTON SEA AIR BASIN				X
SAN DIEGO AIR BASIN	X				MOUNTAIN COUNTIES AIR BASIN				X
NORTHEAST PLATEAU AIR BASIN				X	LAKE COUNTY AIR BASIN				X
SACRAMENTO VALLEY AIR BASIN				X	LAKE TAHOE AIR BASIN				X
SAN JOAQUIN VALLEY AIR BASIN				X					

(1) 52 Federal Register 29384 (August 7, 1987)

FIGURE 7

Area Designations for State Ambient Air Quality Standards LEAD

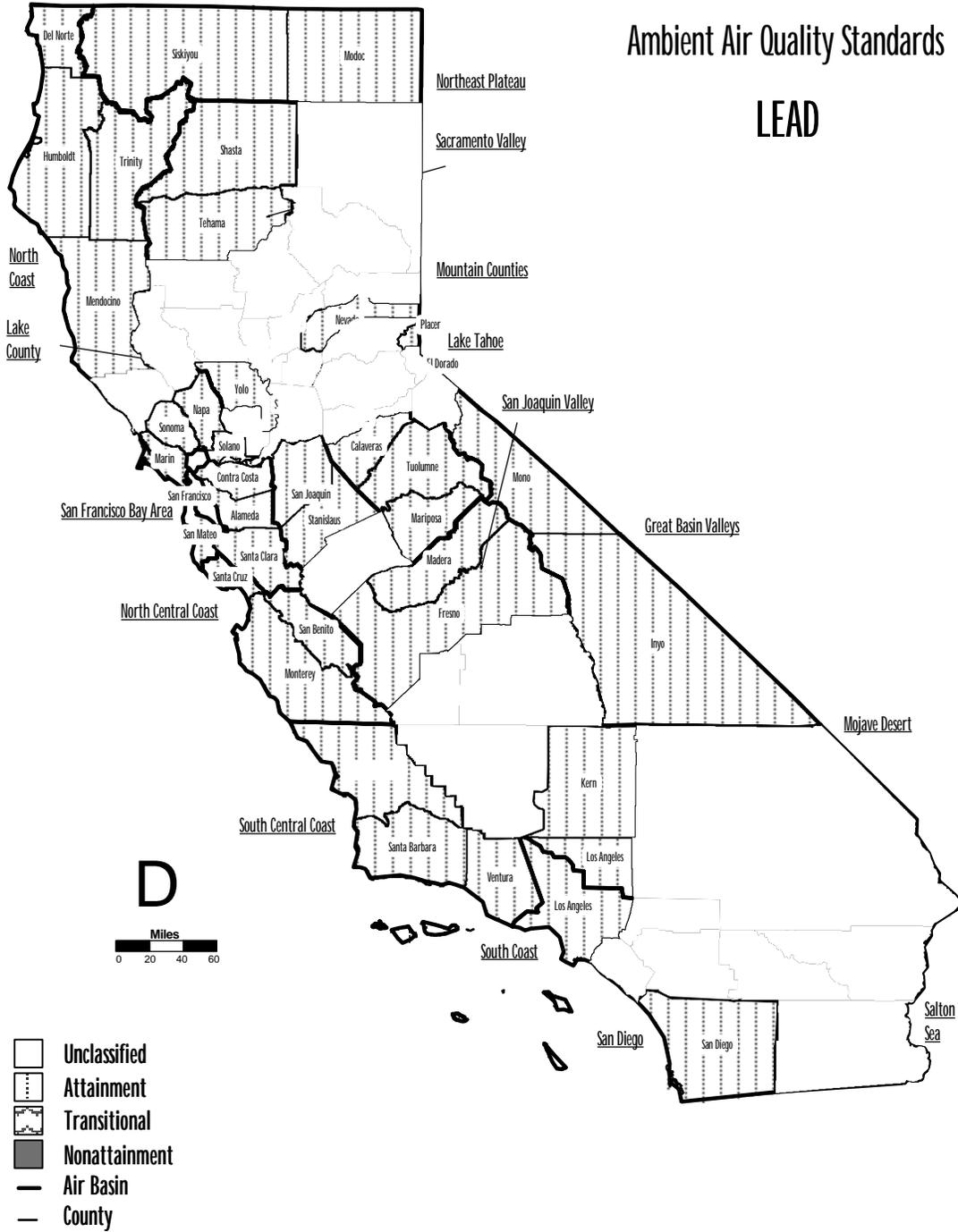


TABLE 7
California Ambient Air Quality Standards
Area Designations for Lead (particulate) *

	N	T	U	A		N	T	U	A
NORTH COAST AIR BASIN				X	SAN JOAQUIN VALLEY AIR BASIN				X
SAN FRANCISCO BAY AREA AIR BASIN				X	GREAT BASIN VALLEYS AIR BASIN				X
NORTH CENTRAL COAST AIR BASIN				X	MOJAVE DESERT AIR BASIN				X
SOUTH CENTRAL COAST AIR BASIN				X	SALTON SEA AIR BASIN				X
SOUTH COAST AIR BASIN				X	MOUNTAIN COUNTIES AIR BASIN				X
SAN DIEGO AIR BASIN				X	LAKE COUNTY AIR BASIN				X
NORTHEAST PLATEAU AIR BASIN				X	LAKE TAHOE AIR BASIN				X
SACRAMENTO VALLEY AIR BASIN				X					

* The area designated for lead is a county or portion of a county.

|::

FIGURE 8

Area Designations for State Ambient Air Quality Standards **HYDROGEN SULFIDE**

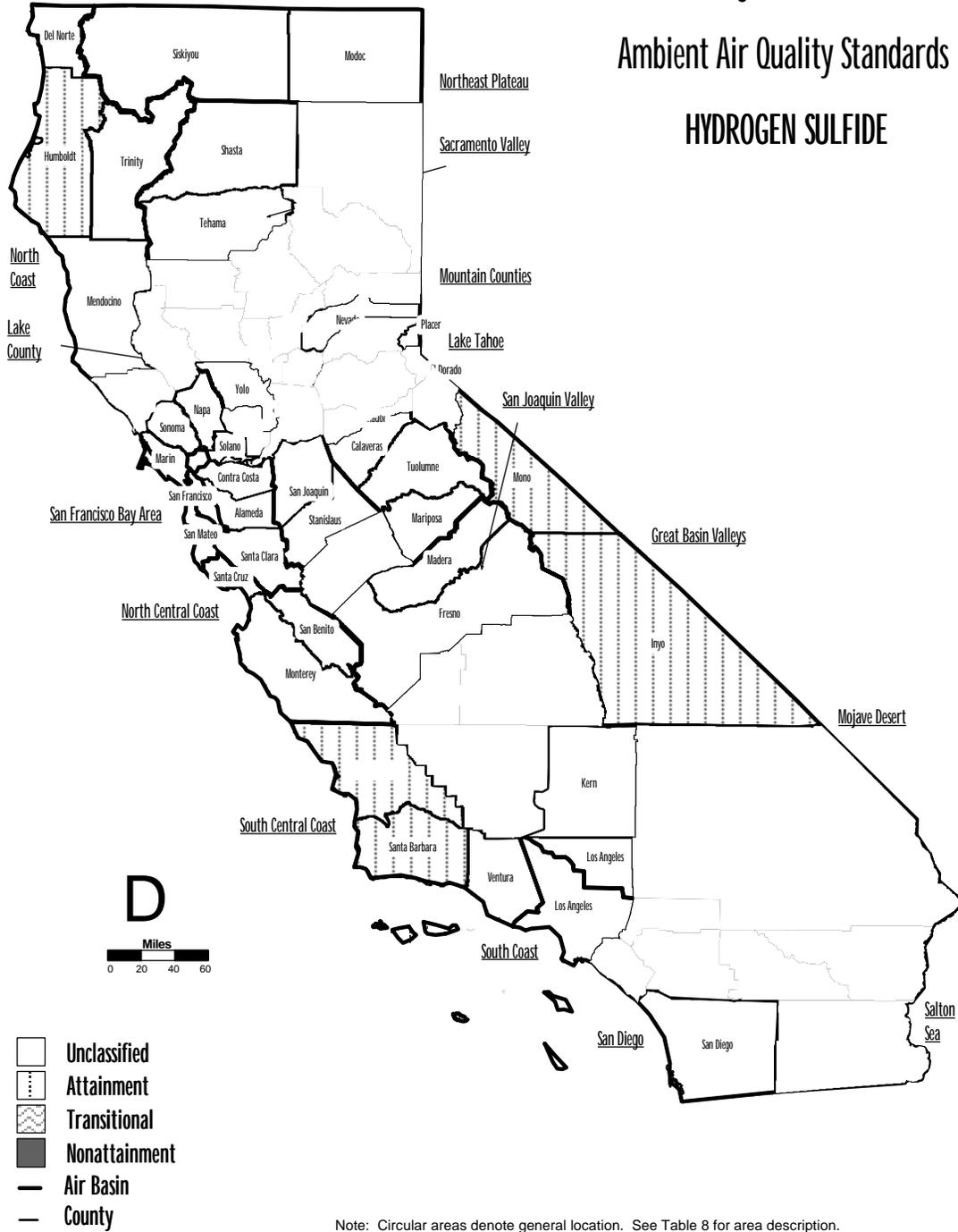


TABLE 8

California Ambient Air Quality Standards
Area Designations for Hydrogen Sulfide *

	N	T	U	A		N	T	U	A
NORTH COAST AIR BASIN (NCAB)					MOJAVE DESERT AIR BASIN (MDAB)				
Del Norte County			X		Kern County (MDAB portion)			X	
Humboldt County				X	Los Angeles County (MDAB portion)			X	
Mendocino County			X		Riverside County (MDAB portion)			X	
Sonoma County (NCAB portion)					San Bernardino County (MDAB portion)				
-Geyser Geothermal Area (1)				X	-Searles Valley Planning Area (2)	X			
-Remainder of County			X		-Remainder of County			X	
Trinity County			X		SALTON SEA AIR BASIN			X	
SAN FRANCISCO BAY AREA AIR BASIN			X		MOUNTAIN COUNTIES AIR BASIN (MCAB)				
NORTH CENTRAL COAST AIR BASIN			X		Amador County				
SOUTH CENTRAL COAST AIR BASIN					-City of Sutter Creek	X			
San Luis Obispo County				X	-Remainder of County			X	
Santa Barbara County				X	Calaveras County			X	
Ventura County			X		El Dorado County (MCAB portion)			X	
SOUTH COAST AIR BASIN			X		Mariposa County			X	
SAN DIEGO AIR BASIN			X		Nevada County			X	
NORTHEAST PLATEAU AIR BASIN			X		Placer County (MCAB portion)			X	
SACRAMENTO VALLEY AIR BASIN			X		Plumas County			X	
SAN JOAQUIN VALLEY AIR BASIN			X		Sierra County			X	
GREAT BASIN VALLEYS AIR BASIN					Tuolumne County			X	
Alpine County			X		LAKE COUNTY AIR BASIN				X
Mono County				X	LAKE TAHOE AIR BASIN			X	
Inyo County				X					

(1) California Code of Regulations, Title 17, section 60200(d)

(2) 52 Federal Register 29384 (August 7, 1987)

* The area designated for hydrogen sulfide is a county or portion of a county.

FIGURE 9

Area Designations for State
Ambient Air Quality Standards
VISIBILITY REDUCING PARTICLES

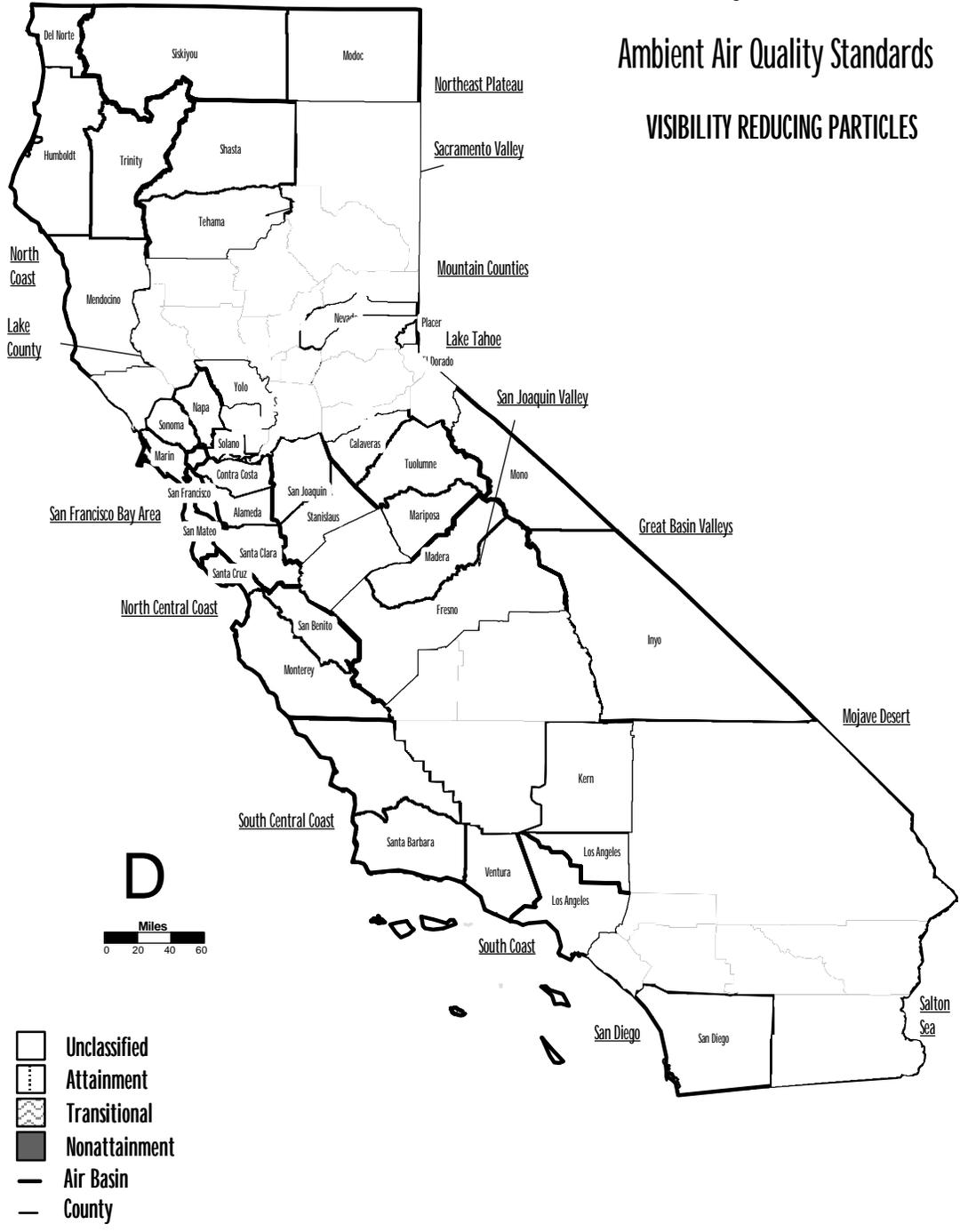


TABLE 9

**California Ambient Air Quality Standards
Area Designations for Visibility Reducing Particles**

	N	T	U	A		N	T	U	A
NORTH COAST AIR BASIN			X		SAN JOAQUIN VALLEY AIR BASIN			X	
SAN FRANCISCO BAY AREA AIR BASIN			X		GREAT BASIN VALLEYS AIR BASIN			X	
NORTH CENTRAL COAST AIR BASIN			X		MOJAVE DESERT AIR BASIN			X	
SOUTH CENTRAL COAST AIR BASIN			X		SALTON SEA AIR BASIN			X	
SOUTH COAST AIR BASIN			X		MOUNTAIN COUNTIES AIR BASIN			X	
SAN DIEGO AIR BASIN			X		LAKE COUNTY AIR BASIN				X
NORTHEAST PLATEAU AIR BASIN			X		LAKE TAHOE AIR BASIN			X	
SACRAMENTO VALLEY AIR BASIN			X						

3. Area Designations for the National Ambient Air Quality Standards

This section contains a description of the area designations for each pollutant for which there is a national ambient air quality standard, except lead. The national lead standard was promulgated after the Federal Clean Air Act was amended in 1977; and in promulgating the national lead standard, the United States Environmental Protection Agency (U.S. EPA) did not require areas to be designated in a manner similar to other pollutants. The area designations for each pollutant are presented in the form of a map and a summary table.

The U.S. EPA uses two categories to designate areas with respect to ozone, carbon monoxide, and nitrogen dioxide. These designation categories are:

Does not meet primary standards, and
Cannot be classified or better than national standards.

Areas that do not meet the primary national standards for these pollutants are indicated on the following maps and summary tables as “N” for nonattainment. Areas that cannot be classified or are better than the national standards are indicated as “U/A” for unclassified/attainment.

In addition, with the promulgation of the new national eight-hour ozone standard in July 1997, the previous one-hour ozone standard was declared by the U.S. EPA on June 5, 1998, as no longer applicable to a number of areas in California. These areas are so indicated in the map and summary table for ozone.

The U.S. EPA uses four categories to designate areas with respect to sulfur dioxide. These designation categories are:

Does not meet the primary standards,
Does not meet the secondary standards,
Cannot be classified, and
Better than the national standards.

In California, the first two designation categories listed above do not apply. The map and summary table for sulfur dioxide show areas that cannot be classified as “U” for unclassifiable and areas that are better than the national standards as “A” for attainment.

Finally, the U.S. EPA uses two categories to designate areas with respect to suspended particulate matter (PM₁₀). These designation categories are:

Nonattainment, and
Unclassifiable.

The map and summary table for the national PM₁₀ standards indicate “N” for areas designated as nonattainment and “U” for areas that are unclassifiable.

From time to time, the boundaries of the California air basins have been changed to facilitate the planning process. The Board generally initiates these changes, and they are not always reflected in the U.S. EPA's area designations for California. For purposes of consistency, all maps in this attachment reflect the current air basin boundaries as adopted by the Board. For example, the maps show the western portion of Placer County as being in the Sacramento Valley Air Basin while the national area designations, based on previous information, identify the western portion of Placer County as being in the Mountain Counties Air Basin. Also, while the national area designations reflect the former Southeast Desert Air Basin, the maps in this section show the new Mojave Desert and Salton Sea Air Basins (which replace the Southeast Desert Air Basin), as established by the Board in 1996 in accordance with H&SC, section 39606.1. Nevertheless, the maps and summary tables in this section reflect the area designations as promulgated by the U.S. EPA.

These maps and tables do not show the area designations for the new national ozone, PM₁₀, or PM_{2.5} standards promulgated by the U.S. EPA in July 1997. Area designations for these new standards are not expected for several years. As the U.S. EPA makes the designations, these maps and summary tables will be updated.

TABLE 10

**National Ambient Air Quality Standards
Area Designations for Ozone**

	N	N/A *	U/A		N	N/A *	U/A
NORTH COAST AIR BASIN		X		GREAT BASIN VALLEYS AIR BASIN		X	
SAN FRANCISCO BAY AREA AIR BASIN (1)	X			MOJAVE DESERT AIR BASIN (MDAB)			
NORTH CENTRAL COAST AIR BASIN		X		Kern County (MDAB portion)	X		
SOUTH CENTRAL COAST AIR BASIN				Los Angeles County (MDAB portion)	X		
San Luis Obispo County		X		Riverside County (MDAB portion)		X	
Santa Barbara County	X			San Bernardino County (MDAB portion)			
Ventura County	X			-Western portion	X		
Channel Islands (2)		X		-Eastern portion		X	
SOUTH COAST AIR BASIN	X			SALTON SEA AIR BASIN (SSAB)			
SAN DIEGO AIR BASIN	X			Imperial County	X		
NORTHEAST PLATEAU AIR BASIN		X		Riverside County (SSAB portion)			
SACRAMENTO VALLEY AIR BASIN (SVAB)				-AQMA portion	X		
Butte County		X		-Remainder of area		X	
Colusa County		X		MOUNTAIN COUNTIES AIR BASIN (MCAB)			
Glenn County		X		Amador County			X
Placer County (SVAB portion)(3)	X			Calaveras County			X
Sacramento County	X			El Dorado County (MCAB portion)(3)	X		
Shasta County		X		Mariposa County		X	
Solano County (SVAB portion)(3)	X			Nevada County		X	
Sutter County (north)		X		Placer County (MCAB portion)(3)	X		
Sutter County (south) (3)	X			Plumas County		X	
Tehama County		X		Sierra County		X	
Yolo County	X			Tuolumne County		X	
Yuba County		X		LAKE COUNTY AIR BASIN		X	
SAN JOAQUIN VALLEY AIR BASIN	X			LAKE TAHOE AIR BASIN		X	

* N/A = National 1-hr standard not applicable.

(1) San Francisco Bay Area Air Basin was redesignated to nonattainment on July 10, 1998.

(2) Channel Islands National Monument:

Santa Barbara County includes Santa Cruz, San Miguel, Santa Rosa, and Santa Barbara Islands.

Ventura County includes Anacapa Island.

Note that the San Clemente and Santa Catalina Islands are considered part of Los Angeles County and therefore, are included as part of the South Coast Air Basin. San Nicolas is not part of the Channel Islands National Monument. It is considered as part of Ventura County.

(3) The Sacramento Metropolitan Area (SVA AQMA) includes: all of Sacramento and Yolo Counties, the Sacramento Valley Air Basin portion of Solano County, all of El Dorado and Placer Counties except for the Lake Tahoe Air Basin portions, and the southern portion of Sutter County (56 Federal Register 56728 (November 6, 1991)).

FIGURE 11

Area Designations for National Ambient Air Quality Standards CARBON MONOXIDE

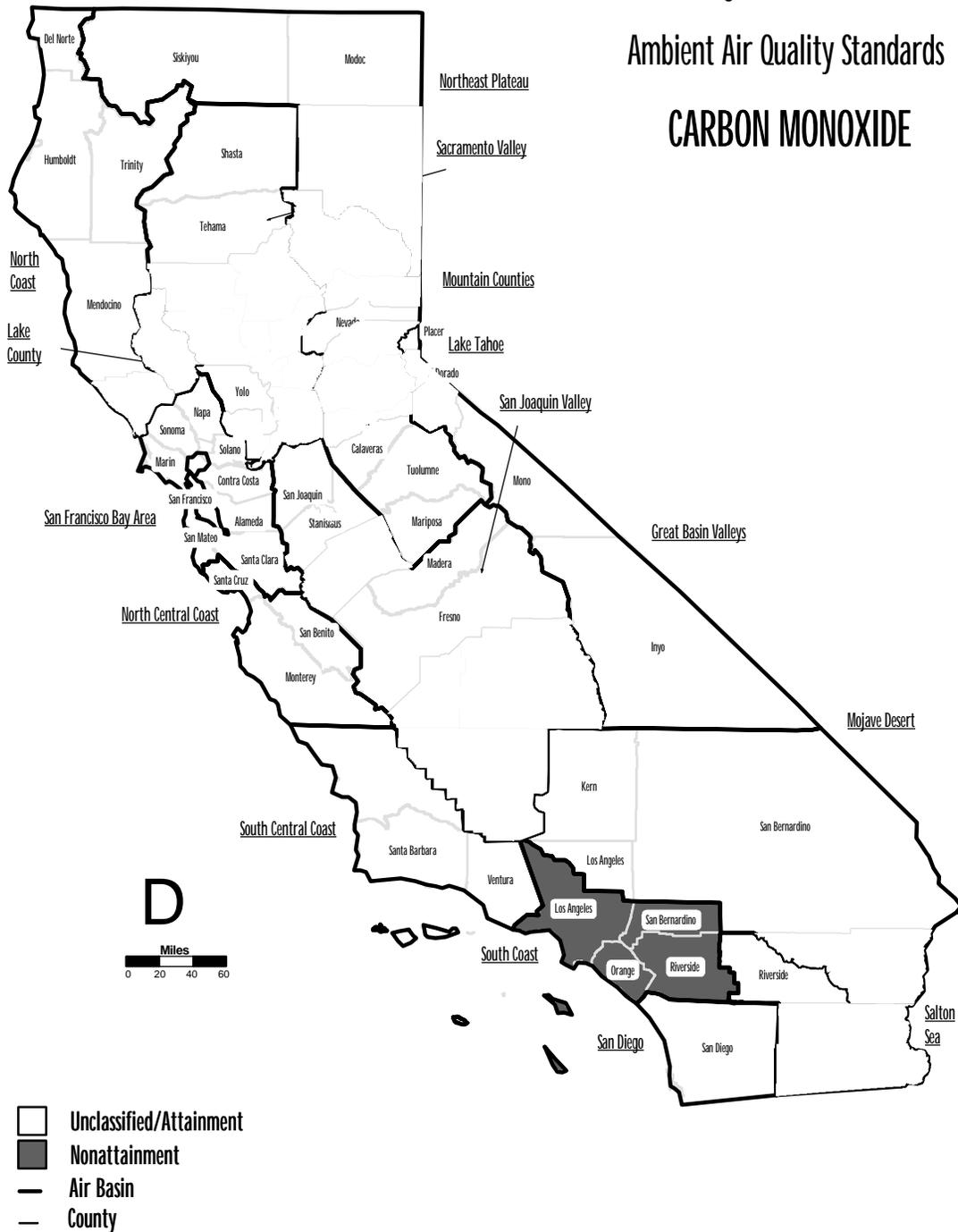


TABLE 11

**National Ambient Air Quality Standards
Area Designations for Carbon Monoxide**

	N	U/A		N	U/A
NORTH COAST AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
SAN FRANCISCO BAY AREA AIR BASIN		X	GREAT BASIN VALLEYS AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	MOJAVE DESERT AIR BASIN		X
SOUTH CENTRAL COAST AIR BASIN		X	SALTON SEA AIR BASIN		X
SOUTH COAST AIR BASIN	X		MOUNTAIN COUNTIES AIR BASIN		X
SAN DIEGO AIR BASIN		X	LAKE COUNTY AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X	LAKE TAHOE AIR BASIN		X
SACRAMENTO VALLEY AIR BASIN		X			

FIGURE 12

Area Designations for National
Ambient Air Quality Standards
NITROGEN DIOXIDE

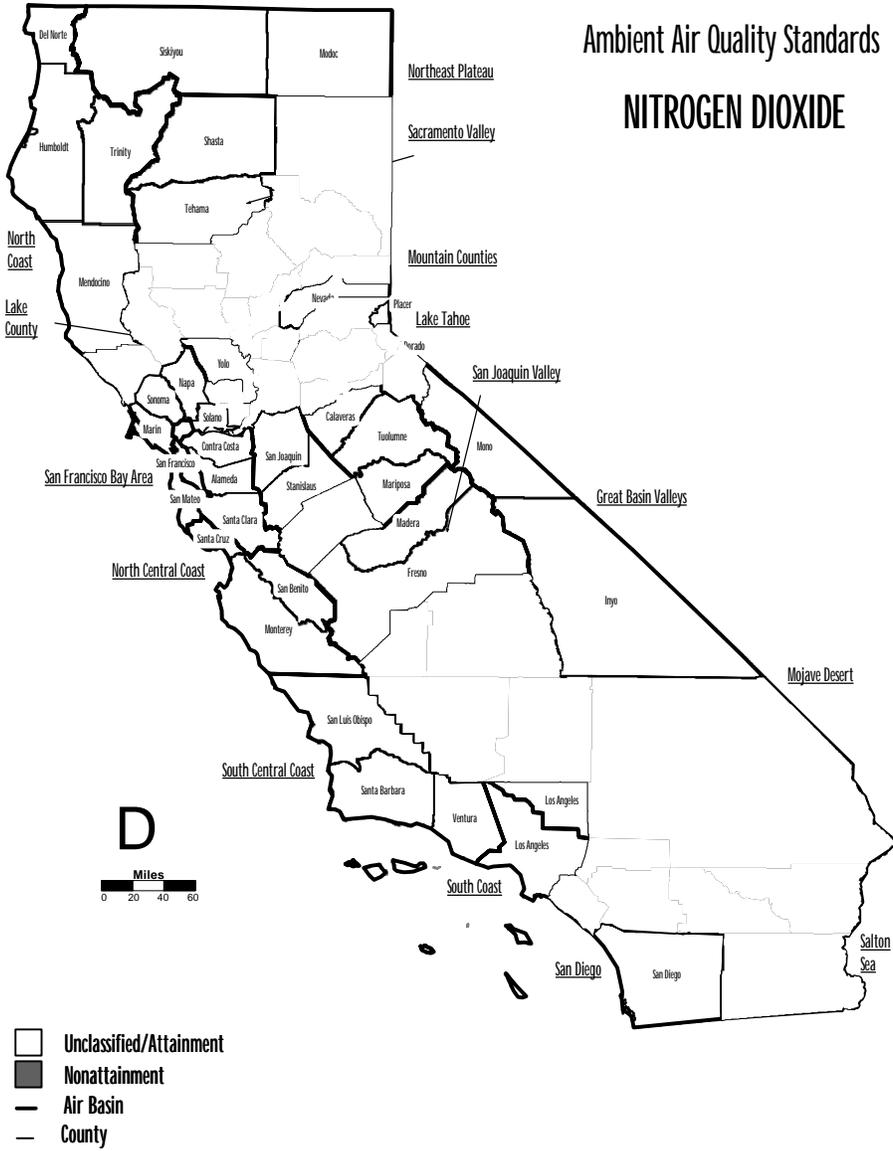


TABLE 12

**National Ambient Air Quality Standards
Area Designations for Nitrogen Dioxide**

	N	U/A		N	U/A
NORTH COAST AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
SAN FRANCISCO BAY AREA AIR BASIN		X	GREAT BASIN VALLEYS AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	MOJAVE DESERT AIR BASIN		X
SOUTH CENTRAL COAST AIR BASIN		X	SALTON SEA AIR BASIN		X
SOUTH COAST AIR BASIN (1)		X	MOUNTAIN COUNTIES AIR BASIN		X
SAN DIEGO AIR BASIN		X	LAKE COUNTY AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X	LAKE TAHOE AIR BASIN		X
SACRAMENTO VALLEY AIR BASIN		X			

(1) South Coast Air Basin was redesignated to unclassified/attainment on July 24, 1998.

FIGURE 13

Area Designations for National Ambient Air Quality Standards **SULFUR DIOXIDE**

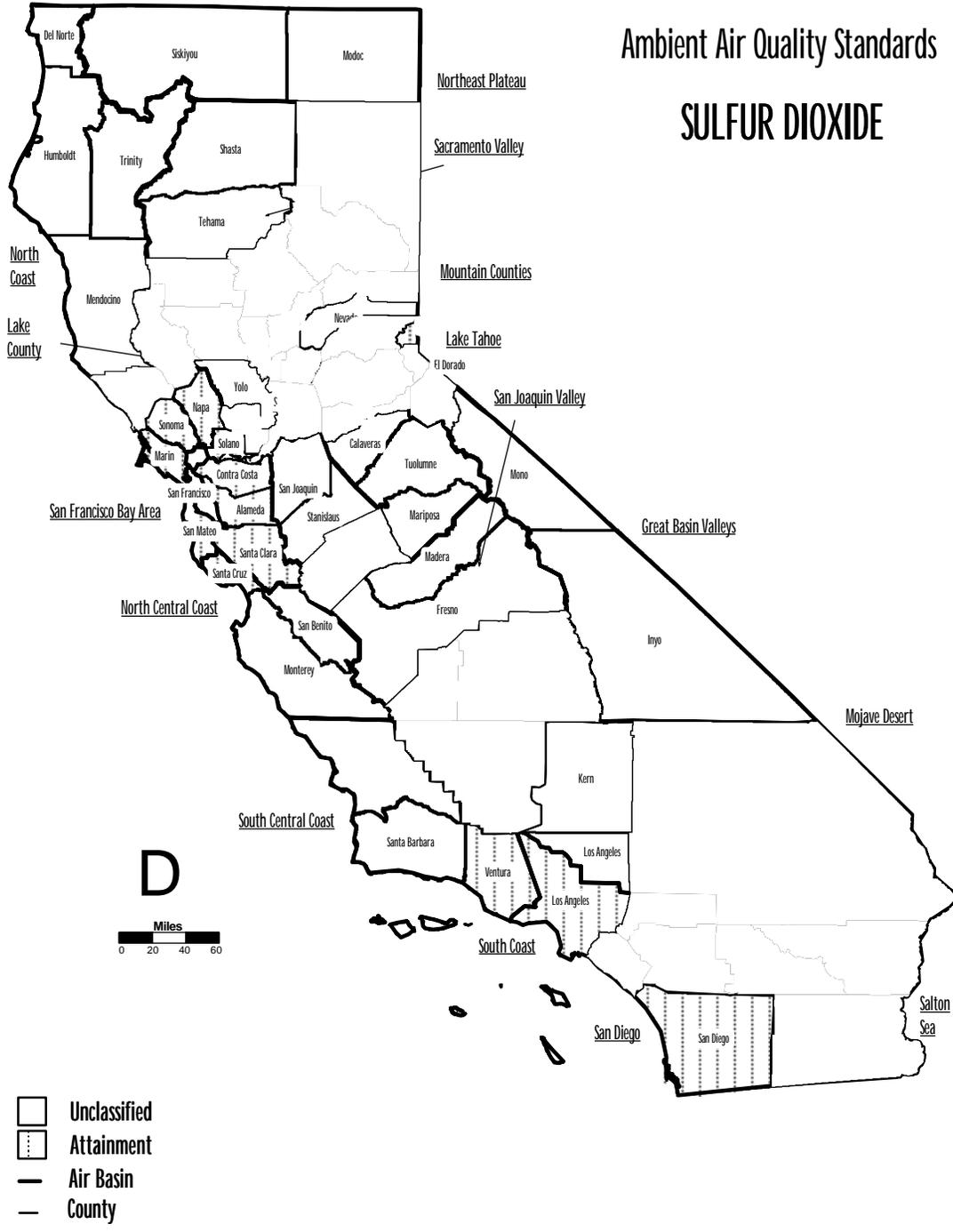


TABLE 13

**National Ambient Air Quality Standards
Area Designations for Sulfur Dioxide ¹**

	A	U		A	U
NORTH COAST AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN CONT.		
SAN FRANCISCO BAY AREA AIR BASIN	X		Kings County		X
NORTH CENTRAL COAST AIR BASIN		X	Madera County		X
SOUTH CENTRAL COAST AIR BASIN			Merced County		X
San Luis Obispo County		X	San Joaquin County		X
Santa Barbara County		X	Stanislaus County		X
Ventura County	X		Tulare County		X
Channel Islands (2)		X	GREAT BASIN VALLEYS AIR BASIN		X
SOUTH COAST AIR BASIN	X		MOJAVE DESERT AIR BASIN		X
SAN DIEGO AIR BASIN	X		SALTON SEA AIR BASIN (SSAB)		
NORTHEAST PLATEAU AIR BASIN		X	Imperial County	X	
SACRAMENTO VALLEY AIR BASIN		X	Riverside County (SSAB portion)		X
SAN JOAQUIN VALLEY AIR BASIN (SJVAB)			MOUNTAIN COUNTIES AIR BASIN		X
Fresno County		X	LAKE COUNTY AIR BASIN		X
Kern County (SJVAB portion)	X		LAKE TAHOE AIR BASIN	X	

(1) There are no nonattainment areas in California.

(2) Channel Islands National Monument:

Santa Barbara County includes Santa Cruz, San Miguel, Santa Rosa, and Santa Barbara Islands.

Ventura County includes Anacapa Island.

Note that the San Clemente and Santa Catalina Islands are considered part of Los Angeles County and therefore, are included as part of the South Coast Air Basin. San Nicolas is not part of the Channel Islands

National Monument. It is considered as part of Ventura County.

FIGURE 14

Area Designations for National
Ambient Air Quality Standards
PM10

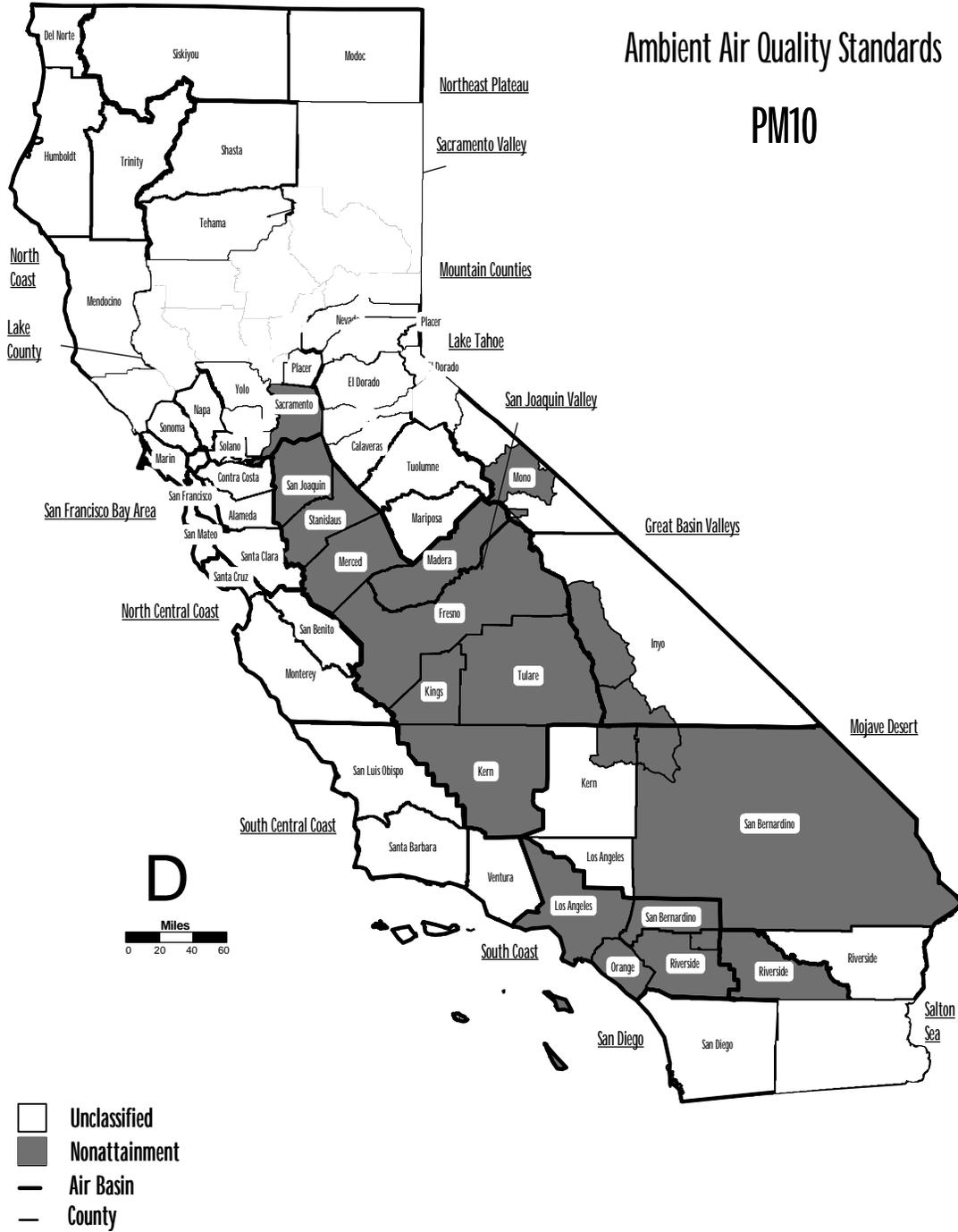


TABLE 14

**National Ambient Air Quality Standards
Area Designations for Suspended Particulate Matter (PM10)**

	N	U		N	U
NORTH COAST AIR BASIN		X	GREAT BASIN VALLEYS AIR BASIN CONT.		
SAN FRANCISCO BAY AREA AIR BASIN		X	Mono County		
NORTH CENTRAL COAST AIR BASIN		X	-Mammoth Lakes Planning Area (3)	X	
SOUTH CENTRAL COAST AIR BASIN		X	-Mono Lake Basin (3)	X	
SOUTH COAST AIR BASIN	X		-Remainder of County		X
SAN DIEGO AIR BASIN		X	MOJAVE DESERT AIR BASIN (MDAB)		
NORTHEAST PLATEAU AIR BASIN		X	Kern County (MDAB portion)		
SACRAMENTO VALLEY AIR BASIN (SVAB)			-Searles Valley Planning Area (2)	X	
Butte County		X	-Remainder of County		X
Colusa County		X	Los Angeles County (MDAB portion)		X
Glenn County		X	Riverside County (MDAB portion)		X
Sacramento County	X		San Bernardino County (MDAB portion)		
Shasta County		X	-Searles Valley Planning Area (2)	X	
Solano County (SVAB portion)		X	-Remainder of County (5)	X	
Sutter County		X	SALTON SEA AIR BASIN (SSAB)		
Tehama County		X	Riverside County (SSAB portion)		
Yolo County		X	-Coachella Valley Planning Area (4)	X	
Yuba County		X	Imperial County		
SAN JOAQUIN VALLEY AIR BASIN	X		-Imperial Valley Planning Area (4)	X	
GREAT BASIN VALLEYS AIR BASIN			-Remainder of County		X
Alpine County		X	MOUNTAIN COUNTIES AIR BASIN		X
Inyo County			Placer County (SVAB/MCAB portion) (6)		X
-Owens Valley Planning Area (1)	X		LAKE COUNTY AIR BASIN		X
-Searles Valley Planning Area (2)	X		LAKE TAHOE AIR BASIN		X
-Remainder of County		X			

(1) 52 Federal Register 29384 (August 7, 1987)

(2) 56 Federal Register 56732 (November 6, 1991)

(3) 58 Federal Register 62547 (November 29, 1993)

(4) State of California Hydrologic Unit Map - 1978

(5) 58 Federal Register 67342 (December 21, 1993)

(6) U.S. EPA designation puts the SVAB portion of Placer County in the MCAB.