

cc: Ted Schwade

File: EPA  
NAAQS - Ozone



## Air Resources Board



Matthew Rodriguez  
Secretary for  
Environmental Protection

Mary D. Nichols, Chairman  
1001 I Street • P.O. Box 2815  
Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)

Edmund G. Brown Jr.  
Governor

October 12, 2011

Ms. Deborah Jordan, Director  
Air Division, Region 9  
U.S. Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, California 94105

Dear Ms. Jordan:

In light of the U.S. Environmental Protection Agency's (U.S. EPA) recent announcement of their intent to implement the 2008 federal ozone standard, we are providing an update to our previous recommendations for area designations and boundaries that were submitted on March 12, 2009.

In general, we base our updated recommendations on ambient ozone concentrations measured from 2008 through 2010 by Federal Reference Method monitors located throughout California. Several areas we previously recommended as nonattainment show improvement and now qualify as attainment based on 2008-2010 data. In addition, several more areas show attainment based on data for 2009 through 2011. We are working with our Monitoring and Laboratory Division and the affected local air districts to expedite validation and submittal of critical 2011 data to U.S. EPA's Air Quality System so they can be used in your final area designation review. We may also expedite 2011 data submittals for additional areas for use in classifications.

Overall, we recommend U.S. EPA designate 17 areas as nonattainment, 15 areas as attainment, and 6 areas as unclassifiable for the 2008 ozone standard of 0.075 parts per million (ppm). Enclosure 1 contains a complete listing of areas and design values for all parts of California. Enclosure 2 provides the boundary descriptions for newly defined areas.

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.  
For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency

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Please feel free to contact me at (916) 322-2739 if you have any questions regarding these recommendations, or have your staff contact Ms. Karen Magliano, Chief, Air Quality Data Branch, at (916) 322-7137 or [kmaglian@arb.ca.gov](mailto:kmaglian@arb.ca.gov).

Sincerely,



Lynn Terry  
Deputy Executive Officer

Enclosures (2)

cc: See next page.

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cc: (continued)

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Karen Magliano, Chief  
Air Quality Data Branch  
Planning and Technical Support Division

## ENCLOSURE 1

### Revised Recommended California Nonattainment Areas for the Federal 8-Hour Ozone Standard Based on 2008-2010 Ozone Air Quality Data

<i>Nonattainment Area</i>	<i>Design Value<sup>1</sup> (ppm)</i>	<i>Area Included</i>
Antelope Valley	0.091	Portion of Los Angeles County in Mojave Desert Air Basin
Butte County	0.079	Butte County
Calaveras County	0.083	Calaveras County
Coachella Valley	0.095	Coachella Valley portion of Riverside County
Eastern Kern County	0.083	Mojave Desert Air Basin portion of Kern County, excluding Indian Wells Valley
Eastern San Luis Obispo County	0.084	Eastern San Luis Obispo County
Imperial County	0.078	Imperial County
Mariposa County	0.083	Mariposa County
Sacramento Metro Area	0.102	Sacramento, Yolo, eastern Solano, southern Sutter, and western portions of El Dorado and Placer counties
San Diego County	0.088	San Diego County
San Francisco Bay Area	0.080	Marin, southern Sonoma, Napa, western Solano, Contra Costa, Alameda, Santa Clara, San Francisco, and San Mateo counties
San Joaquin Valley	0.104	San Joaquin, Stanislaus, Merced, Madera, Fresno, Kings, Tulare, and western Kern counties
South Coast Air Basin	0.112	Western Los Angeles (including Catalina and San Clemente Islands), Orange, southwestern San Bernardino, and western Riverside counties
Tuscan Buttes	0.080	Tuscan Buttes in Tehama County above 1800'
Ventura County	0.086	Mainland portion of Ventura County (excludes Anacapa and San Nicolas islands)
Western Mojave Desert	0.099	Central San Bernardino County
Western Nevada County	0.084	Portion of Nevada County west of the crest of the Sierra Nevada

<sup>1</sup>The design value is the 3-year average of the annual fourth highest 8-hour ozone concentration for the highest monitor in the area (if greater than 0.075 ppm = nonattainment; if less than or equal to 0.075 = attainment).

**Revised Recommended California Attainment Areas  
for the Federal 8-Hour Ozone Standard**

<b>Attainment Area</b>	<b>Design Value<sup>1</sup> (ppm)</b>	<b>Design Value Period</b>	<b>Area Included</b>
Amador County	0.071	2009-2011	Amador County
Colusa County	0.066	2008-2010	Colusa County
Glenn County	0.066	2008-2010	Glenn County
Lake County	0.061	2008-2010	Lake County
North Central Coast Air Basin	0.069	2009-2011	Monterey, San Benito, and Santa Cruz counties
North Coast Air Basin	0.053	2008-2010	Del Norte, Humboldt, Mendocino, and Trinity counties and the North Coast Air Basin portion of Sonoma County
Northeast Plateau Air Basin	0.060	2008-2010	Lassen, Modoc, and Siskiyou counties
Northeast San Bernardino and Eastern Riverside Counties	0.075	2008-2010	Mojave Desert portion of San Bernardino County outside the Western Mojave Desert ozone nonattainment area and Mojave Desert portion of Riverside County
Shasta County	0.075	2008-2010	Shasta County
Southern Inyo County	0.072	2008-2010	Inyo County portions of federal hydrologic units 16060015, 18090202, 18090203, 18090204, and 18090205
Sutter and Yuba Counties	0.076 <sup>2</sup>	2008-2010	Yuba County and portion of Sutter County outside Sacramento Metro Area (including Sutter Buttes area)
Tehama County	0.074	2008-2010	Portion of Tehama County outside Tuscan Buttes area
Tuolumne County	0.074	2009-2011	Tuolumne County
Santa Barbara County	0.073	2009-2011	Mainland portion of Santa Barbara County (excludes San Miguel, Santa Barbara, Santa Cruz, and Santa Rosa islands)
Western San Luis Obispo County	0.065	2008-2010	Portion of County west of Eastern San Luis Obispo area

<sup>1</sup>The design value is the 3-year average of the annual fourth highest 8-hour ozone concentration for the highest monitor in the area (if greater than 0.075 ppm = nonattainment; if less than or equal to 0.075 = attainment). 2011 data are preliminary.

<sup>2</sup>2011 data not yet available, but will likely show attainment.

**Recommended California Unclassifiable Areas  
for the Federal 8-Hour Ozone Standard**

<i>Unclassifiable Area</i>	<i>Area Included</i>
Eastern Nevada County	Portion of Nevada County east of the crest of the Sierra Nevada mountains
Great Basin Valleys	Alpine County, Mono County, portion of Inyo County outside Southern Inyo County attainment area
Indian Wells Valley	Existing Indian Wells Valley area in Eastern Kern County
Lake Tahoe Air Basin	Lake Tahoe Air Basin portions of El Dorado and Placer counties
Northern Channel Islands	The islands located in the South Central Coast Air Basin, including Anacapa, San Miguel, San Nicolas, Santa Barbara, Santa Cruz, and Santa Rosa
Northern Mountain Counties	Plumas and Sierra counties

**ENCLOSURE 2**

**STATE OF CALIFORNIA BOUNDARY DESCRIPTIONS  
FOR NEW RECOMMENDED DESIGNATION AREAS  
UNDER THE 2008 FEDERAL 8-HOUR OZONE STANDARD**

**AMADOR COUNTY**

All of Amador County.

**EASTERN SAN LUIS OBISPO COUNTY**

That portion of San Luis Obispo County that lies east of a line described as follows: Beginning at the San Luis Obispo County / Santa Barbara County boundary and running north along 120 degrees 24 minutes longitude to the intersection with 35 degrees 27 minutes latitude; east along 35 degrees 27 minutes latitude to the intersection with 120 degrees 18 minutes longitude; then north along 120 degrees 18 minutes longitude to the San Luis Obispo County / Monterey County boundary.

**INDIAN WELLS VALLEY**

That portion of Kern County that coincides with the Kern County portion of Hydrologic Unit #18090205.

**SOUTHERN INYO COUNTY**

That portion of Inyo County that lies within the bounds of Hydrologic Unit Number 16060015, 18090202, 18090203, 18090204, and 18090205.

**TUOLUMNE COUNTY**

All of Tuolumne County.

**TUSCAN BUTTES (TEHAMA COUNTY)**

That portion of the immediate Tuscan Buttes area at or above 1,800 feet in elevation.