

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

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.

Sincerely,



Lynn Terry
Deputy Executive Officer

Enclosures (2)

cc: See next page.

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cc: (continued)

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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 Value¹ (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 |

¹The 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**

| Attainment Area | Design Value¹ (ppm) | Design Value Period | Area Included |
|---|---|--------------------------------|---|
| 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 ² | 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 |

¹The 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.

²2011 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.