

# **San Joaquin Valley 2007 PM10 Maintenance Plan**

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Air Resources Board  
Planning and Technical Support Division

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Sacramento

# Outline

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- Overview
- Nature of PM10 in the Valley
- Maintenance Plan
- Updated Transportation Conformity Budgets
- Staff Recommendation
- Future PM SIPs

# Overview

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- San Joaquin Valley classified as serious PM10 nonattainment area in 1993
- U.S. EPA approved 2003 SIP with 2010 attainment date
- District now attains PM10 standards
- District adopted maintenance plan and is now requesting redesignation

# Nature of PM10 in the Valley

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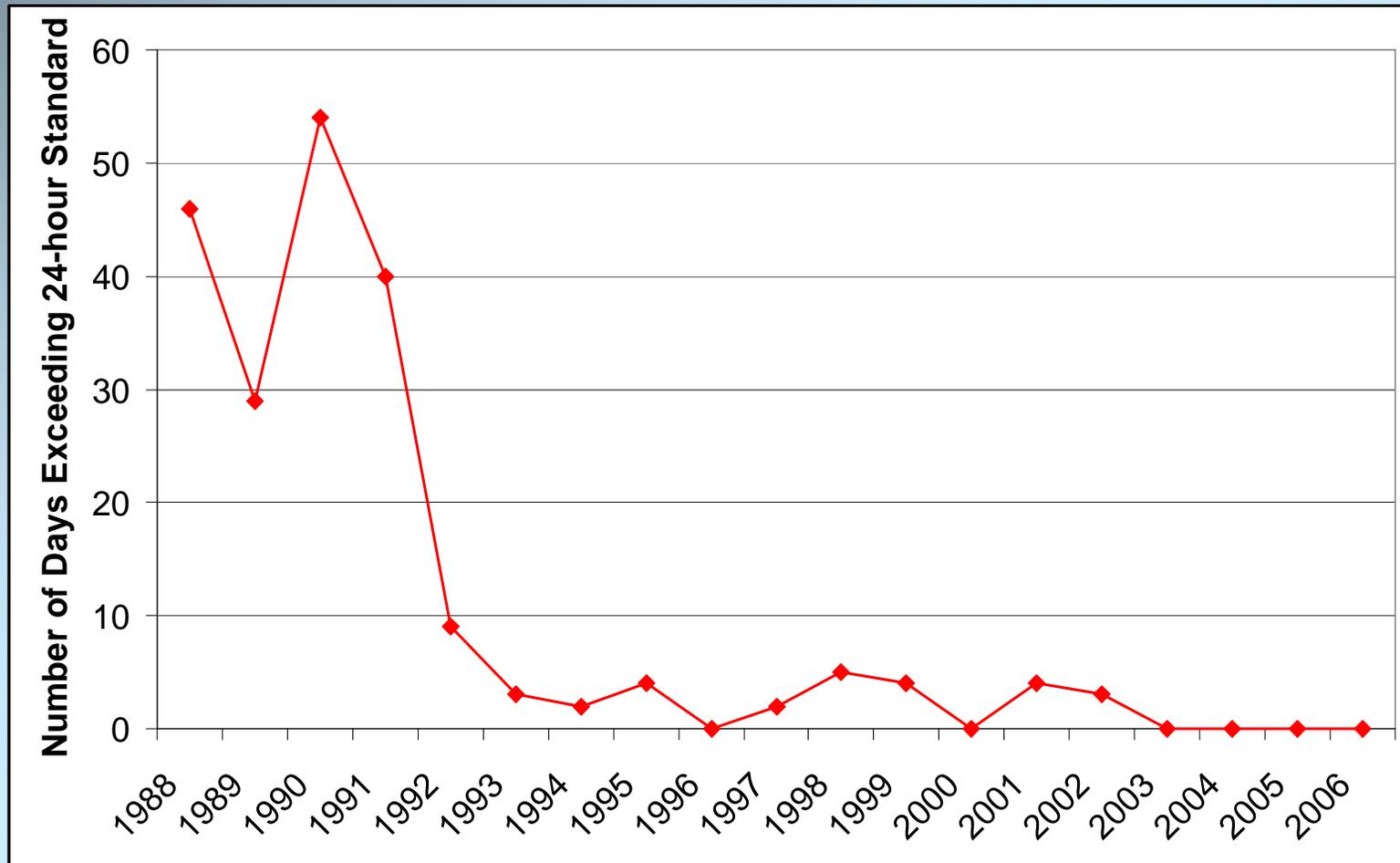
- PM2.5 constitutes a major portion of the Valley's remaining PM10 concentrations
- PM2.5 consists of smoke, soot, and secondary particles (e.g., ammonium nitrate)
- Dust contributes to PM10 levels in the fall

# Key Control Programs in Place

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- Mobile and stationary NO<sub>x</sub> controls
- District woodsmoke rule
- Conservation Management Practices and other dust controls

# Long-Term PM10 Trend



# Valley Attains 24-Hour PM10 Standard

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- No violations recorded during 2004-2006
- Improvements due to permanent emission reductions

# Exceptional Event Days

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- Four high wind days over a three-year period
- U.S. EPA rule excludes these exceptional events

# Maintenance Plan

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- Meets Act requirements:
  - Includes 2005 attainment inventory
  - Demonstrates PM10 attainment through 2020
  - Commits to continued monitoring
  - Provides contingency plan

# Maintaining the PM10 Standard

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- Adopted rules provide for continued attainment
- PM10 SIP will continue to be implemented
- Additional reductions will be achieved with implementation of ozone and PM2.5 SIPs

# Updated Transportation Conformity Budgets

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- Updates old budgets based on EMFAC2002
- New budgets based on EMFAC2007
- Expect U.S. EPA adequacy finding by January 2008

# Staff Recommendation

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- Adopt the San Joaquin Valley 2007 PM10 Maintenance Plan and Redesignation Request including updated transportation conformity budgets as a revision to the SIP

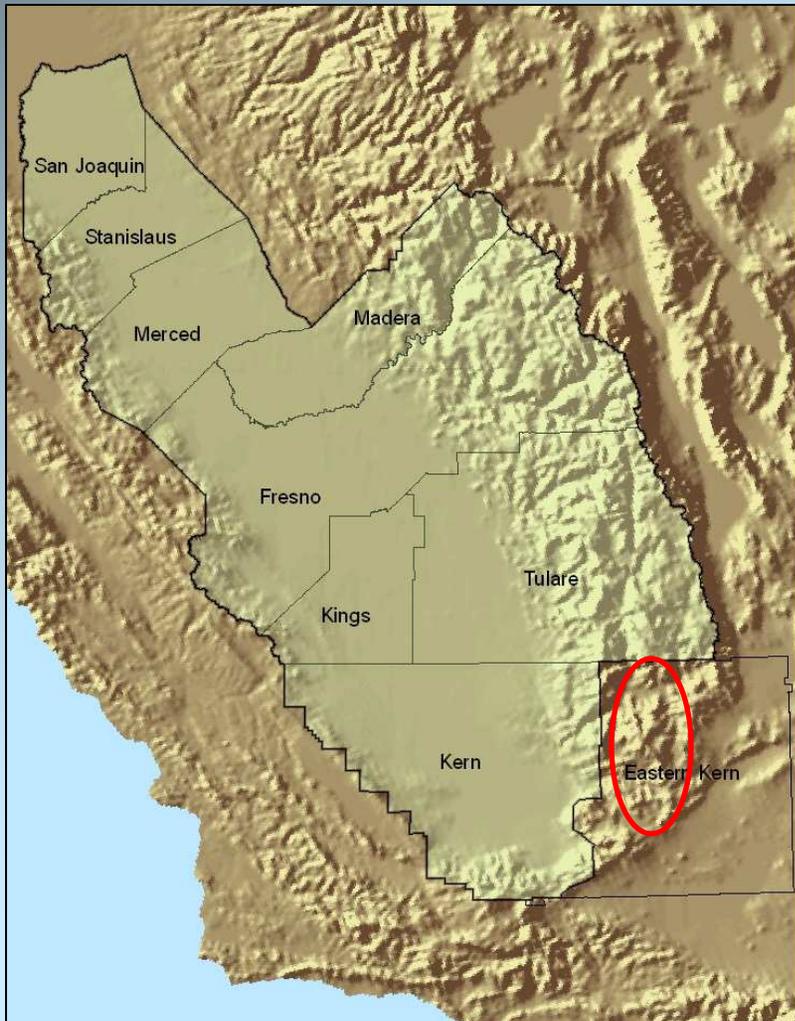
# Future PM SIPs

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- PM2.5 plan for annual standard in 2008
- Recommendation on designations for new 24-hour standard in December 2007



# PM10 Nonattainment Area



- Small portion of nonattainment area is in Eastern Kern (different jurisdiction)
- Separate action is needed
- Boundaries to take into consideration jurisdictional boundaries

# Meteorology Sites

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