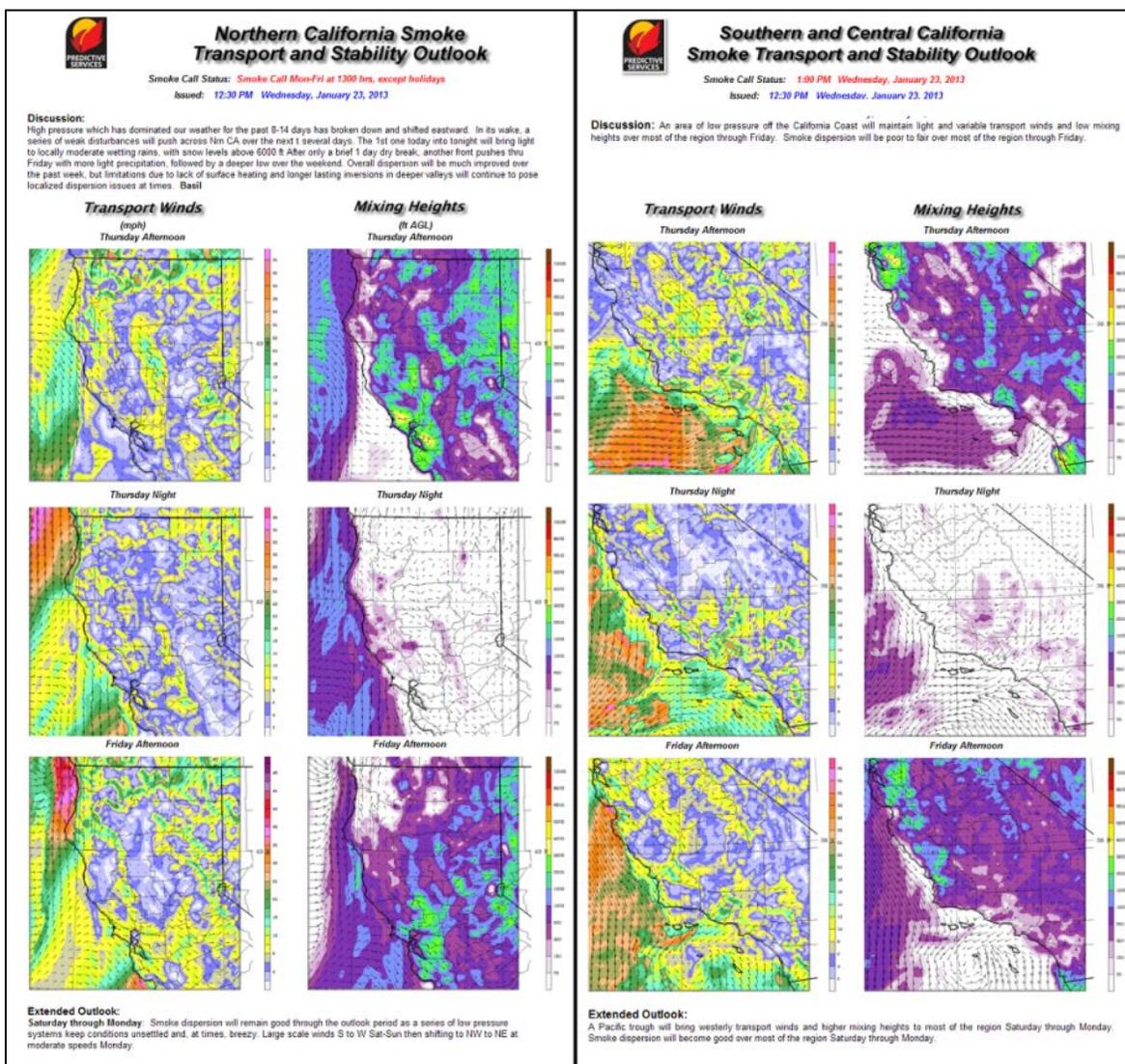


Smoke Management

The **Smoke Transport and Stability Product** provides burners, and all other interested parties with a high resolution graphical display of *Transport Winds* (horizontal dispersion) and *Mixing Heights* (vertical dispersion), as well as an overall narrative describing general weather patterns, with an emphasis on smoke dispersion. An extended forecast describes expected large scale weather conditions for the 3-5 day period, again with an emphasis on smoke dispersion. At the top in red font is the Smoke Call Status, listing the next **Daily Smoke Call**. This is a conference call hosted by Predictive Services and the California Air Resource Board, along with various participants on the federal, state, and local level interested in discussing burning conditions and air quality based burn allowances across the state.

Issuance Schedule: Issued 1230 pm PT.....Issued daily during fire season and M-F during low season.



Product Links:

Northern California Smoke Transport and Stability Outlook:

http://gacc.nifc.gov/oncc/predictive/weather/daily_smoke/Smoke.html

Southern California Smoke Transport and Stability

Outlook: http://gacc.nifc.gov/oscc/predictive/weather/daily_smoke/Smoke.html

When requested, the National Weather Service provides mixing height, transport wind, and HYSPLIT output on spot forecasts. See the “SPOT Forecast” section to determine how to request a spot forecast and HYSPLIT plume trajectory.

Air Resource Advisor (ARA)

The need for an ARA will vary based on conditions with the incident, topography, weather, population, exposure risk, dispersion and area attainment designation. An incident smoke footprint can often span multiple air quality and public health jurisdictions as well as state boundaries. As such, the ARA need will range from factors involving incident management to community, state, and tribal coordination with agency administrators.

All ARA order requests will be placed by the appropriate GACC and submitted through the GACC Duty Meteorologists. Order requests will often be initiated by incidents, GACC's, Agency Administrators, or agency Air Quality Program staff. All orders will be coordinated as name requests by the WO FAM Smoke Coordinator. Orders are authorized to commence upon concurrence of the requesting official and the GACC Duty Meteorologists. Duty locations may vary from Incidents to GACC's depending on complexity and occurrence of multiple events.

Air Quality Monitoring equipment can be ordered through agency air quality staff and will be coordinated with the California Air Resources Board Office of Emergency Services, Tribes and respective Air Quality Management Districts.