



Southern and Central California Smoke Transport and Stability Outlook

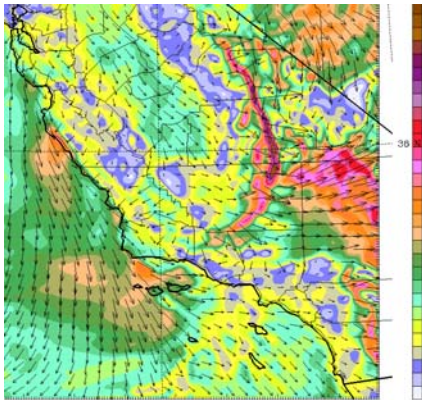
Smoke Call Status: 1:00 PM Friday, November 17, 2017

Issued: 12:30 PM Friday, November 17, 2017

Discussion: A moderate northwesterly flow can be expected to continue into Saturday. However, as a ridge builds over the southern part of the state, expect transport winds to slacken toward evening. By Sunday, most areas should see weak winds aloft with light onshore pressure gradients. A trough moving into northern CA may produce some light southwesterly transport winds Sunday night. Smoke dispersion will be good Saturday, then fair Sunday.

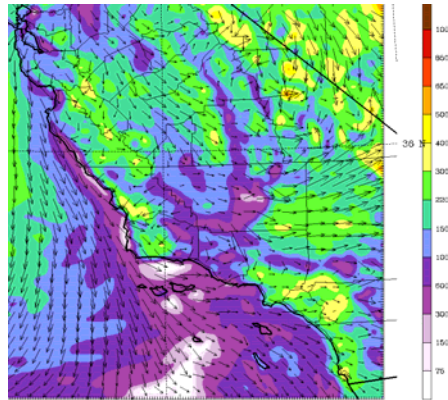
Transport Winds

Saturday Afternoon

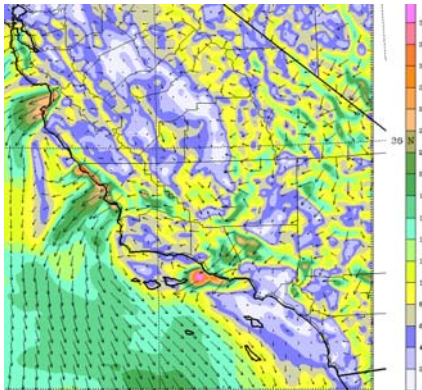


Mixing Heights

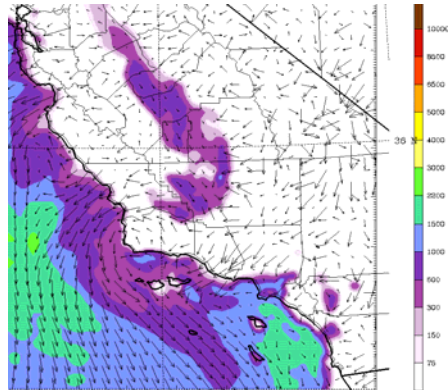
Saturday Afternoon



Saturday Night

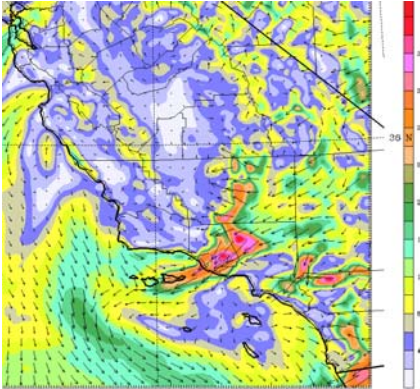


Saturday Night



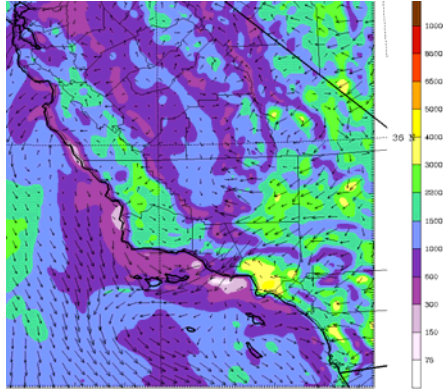
Transport Winds

Sunday Afternoon



Mixing Heights

Sunday Afternoon



Extended Outlook: Monday, November 20, 2017 through Wednesday, November 22, 2017

A west or southwesterly flow aloft can be expected Monday as a trough moves through the northern part of the state. However, a strong ridge of high pressure will build over Southern CA toward the middle of the week. This will result in very stable conditions with light winds through all layers of the atmosphere. Smoke dispersion will be good Monday, then poor Tuesday through the end of the week.

Helpful Resources:

[Air Resources Board](#)
[San Joaquin Air Quality](#)
[North Zone Predictive Services](#)
[South Zone Predictive Services](#)
[SPOT Forecast Request North](#)
[SPOT Forecast Request South](#)



This Product was developed by the Predictive Services group, located at the South Zone Coordination Center in Riverside, California
