

## DISCOVER-AQ OUTLOOK - January 19, 2013

The same boring weather pattern continues..... The strong Pacific coast ridge remains firmly in place. Continued mostly clear skies will prevail over the study region again on Sunday and Monday. However, the chances of more widespread and persistent fog increase as the days march on through the weekend and into next week. Today early morning fog was slightly more widespread than yesterday, as Visalia had one hour of fog (6 – 7 AM) in addition to the longer-duration fog event (with visibility less than 5/8 mile) at Hanford which lasted from 5 AM until 10:20 AM. However, IFR conditions persisted from 11:30 last night to 11:30 AM today at Visalia and from 1 AM to 11 AM at Hanford. Gradually rising early morning relative humidity is in the MOS forecast for the SJV as we go from Sun. through Tues. We expect a quite widespread fog event by Tuesday morning. Cirrus should be minimal tomorrow and Monday. Cloudiness from the short-wave trough approaching the west coast should not reach the study area until Wednesday afternoon.

Code Orange for PM<sub>2.5</sub> is expected in Fresno and Kern Counties tomorrow, and Code Yellow (borderline Orange) in Kings and Tulare Counties.

Recommendation is to fly on Sunday. Monday looks possible. However, each morning the fog situation will need to be checked.