

Dec 2010

5) Neg-tilt trough moving into C. & N. CA, w/mod-stg front holding together into LA area sunset to midnight. Pre-frontal storms raining into dry low-levels caused a convection induced "gust front/outflow boundary" which moved east thru SFU + LA around 1845 - 1900 accompanied by a 3mb pressure rise in 10-15 minutes, and w winds behind the gust front 10-25 mph. Later, ~21-2300 PST, the front came thru with occ'l Lt + Th here + mod. rain

12) Warm 592 upper high over SoCal; w/mod offshore flow

Some highs - San Gabriel 89

HR	87	Anshum	91	COX	73
LB	87	Santa Ana	90	PSP	85
UCLA	87	SNA	90	Indio	88
LAX	83	FUL	87		
PMD	69	ONT	84		
CMA	88	Corona	88		
Ventura	86	CNO	86		
SAP	80	El Cajon	90		

18) Deep upper low west of Vane Is. - at 500mb - a 516dm low ~200 mi w of Seattle; and a 974 surface low @ (14th) in the same spot. Strong w flow across the E. Pacific & south of the low, with very moist air stretching from just N of Hawaii to CA between 30N + 40N - storming into CA + the Sierra Nevada:

At 300 mb - 150kt wsw jet into NoCal near Crescent
80-100 kt from W into Cent. CA

Highest PW values aimed @ SoCal - Area-wide continuous Lt-mod rain - "excited" marine layer - type rain due to mod onshore flow + SW flow @ 850

WLV Dec 14-Jan 12 (30 days) 575 409 492 68/28 8.02" 16 days 11 Rain max.