

Sept 2002

2) (cont) 500 hPa - 588 @ VBG at 002 (3) (-9C)  
 590 @ SAN W 10 both stations (-10C)

@ +700, VBG 12C WT  
 SAN 13C WNW 10  
 @ 850 VBG 26, SAN 27  
 @ 925 VBG 32, SAN 28

5) ex-Hurr Herman well SW of SoCal, throwing mid hi-level moisture towards SoCal, with sporadic H-rain + sprinkles L.A. area. 0.10" Simi, 0.05" Santa Barbara heavier in SAN area

19) wk offshore flow + shallow M.L. - - 10°F @ (not worth, no effect in the nation)

23) wk offshore flow N-S and 590 High/ridge over SoCal. Numerous record highs - 105°F @ Ramona, 101°F @ Campo, 111°F @ Borrego, 91°F @ Idyllwild; 104°F @ Sacramento City Stn, 110°F @ Chatsworth (105 in '78); 108°F @ Pierce (107 Feb 1944); 108°F @ Simi V., 104°F @ PRB; 107°F @ Ojai

at SAN The summer of 2002 (June 21 - Sept 21) had only 12 maximums which were equal or warmer than normal for the day. The max<sup>ave</sup> for summer was 3.8 below normal... August was 4.7 degrees below normal

24) Onshore flow very weak - Hearst Castle 78/92  
 Thurston ~ 7000 ft

Mid-level clouds due to deformation band - few local sprinkles.

27) Trough along West Coast. Max only 54 @ Hearst Castle (54/59) Rogue showers + T storm N. San Diego City  
 0.01 @ Carlsbad + Vista 0.06 @ Oceanside Harbor  
 Thunder + NFG @ 2pm

28/29) Trough combined w/very deep marine layer created rain overnight - esp. foothills - 0.57 @ Pasadena 0.32 @ Glendale  
 0.06" @ LAX, 0.35" @ San Gabriel, 0.31" @ Mt. Wilson