



Storm of January 4, 2008

This storm was the strongest storm (with regards to wind gusts & duration of strong winds) to hit California since 12/12/95. In fact, it was a little stronger than the '95 storm in the Sacramento Valley although slightly weaker in the Bay Area. At the storm's peak (~7am PST), its central pressure reached ~954mb about 300 miles WNW of the CA/OR coast. The '95 storm bottomed out at ~952mb. Both storms were very similar in their development and their tracking, deepening rapidly offshore and lifting NE'ward up the Pacific Northwest coast.

	Maximum Wind Gust MPH	Time of Max Gust PST	Period w/gusts >40 mph	Minimum Pressure inHg (mb)	Time of Min Press PST	Storm Series Rainfall	--12/12/95 Storm-- Max Gust MPH	Min Press inHg
NORTH COAST								
Crescent City	SSE 67	4:30am	10:56pm - 5:59am (7hrs+ 7hrs in pm)	28.98 (981.4)	5:30am	3.37"		
Ukiah	SSE 39	2:38am	none	29.29 (991.9)	7:38am	5.49"	46	29.33
Kelseyville (WS @ 25ft)*	SSE 40*	6:44am	none	n/a	n/a	4.07"		
Konocti RAWs	S 51	7:57am	5:57am-10:57am (5hrs)	n/a	n/a	6.31"		
Middletown (WS @ 10ft)*	SW 37*	7:35am	none	n/a	n/a	9.77"		
Santa Rosa	S 53	7:50am	5:07am-9:25am (4.3 hrs)	29.37 (994.5)	8:15am	5.25"		
SACRAMENTO VALLEY								
Redding	S 70	7:32am	2am-10:53am (8.9hrs)	29.19 (988.3)	7:32am	2.56"	85	29.20
Red Bluff	SSE 67	7:18am	2:21am- (stn died @ 8:30am)	29.25 (990.5)	8:22am	n/a	67	29.25
Artois	S 67	9:12am	2am - 11am (9hrs)	n/a	n/a	2.83	60	
Chico Airport	SE 66	9am	n/a	29.32 (992.9)	9&10am	n/a	63	~29.30
Chico WWG	SSE 53	8:02am	7am - 11am (4 hrs)	29.30 (992.2)	10:06am	2.30"		
Chico State Farm	SSE 62	9:15am	3am - 11am (8 hrs)	n/a	n/a	1.94"	54	
Chico RAWs	SSE 58	11am	2:53am-11:53am (9 hrs)	n/a	n/a	2.11"		
Durham	ESE 57	10:51am	6am - noon (6 hrs)	n/a	n/a	1.75"		
Marysville	SSE 67	11:53am	3:53am - 12:53pm (9 hrs)	29.34 (993.6)	Noon	2.82"		29.43
Sutter Buttes (WS @ 100ft on mtn top)	SSE 100*	8:15am	Noon 3rd - noon 4th (24 hrs)	n/a	n/a	n/a		
Willows	SSE 70	9:15am	1am-3am, 6am-noon (8 hrs)	n/a	n/a	3.14"		
Codora	S 73	7:53am	2am - noon (10 hrs)	n/a	n/a	n/a	63	
Woodland	SSE 62	7:30am	2am - 1pm (11hrs)	n/a	n/a	3.45	61	
Madison (WS @ 10ft)*	SE 37*	6:47am	none	n/a	n/a	5.35"		
Sac Metro	SE 66	8:53am	12:53am - 1:15pm (12.4 hrs)	29.37 (994.6)	11:53am	1.25"		
Natomas	SSE 73	9:57am	12am - 2pm (14hrs)	n/a	n/a	2.55"	62	
Sac Exec	SSE 62	11:24am	5:53am - 1:17pm (7.4 hrs)	29.43 (996.6)	12:23am	3.16"	61	29.46
Travis AFB	SE 60	8:15am	2:20am - 12:06pm (9.25 hrs)	29.41(995.9)	11:27am	4.20"	44	29.48
BAY AREA								
San Francisco Int'l (SFO)	S 68	10:09am	5:56am - 12:27pm (6.5 hrs)	29.47(998.0)	7:45am	3.06"	74	29.50
Shell-East (Martinez)	SW 44	12:34pm	8am & 1pm (2 hrs)	n/a	n/a	3.03"	49	
Shell-West (Martinez)	SW 44	12:26pm	8am & 12pm - 1pm (3 hrs)	n/a	n/a	n/a	54	
Tesoro Refinery (Martinez)	SW 52	12:34pm	7am - 1pm (6 hrs)	n/a	n/a	3.36"	61	
Central Contra Coast SD (Concord)	S 46	8:02am	7am - 9am (2 hrs)	n/a	n/a	4.03"	53	
Conoco-Phillips Carbon Plant	SSE 52	10:59am	6am - 1pm (7 hrs)	n/a	n/a	3.68"	62	
San Francisco Recycling (WS @50ft)	SSE 71*	10:06am	6am - 1pm (7 hrs)	n/a	n/a	2.93"		
NUMMI (Fremont)	SSE 47	8:07am	7am-12:30pm (5.5hrs)	n/a	n/a	2.65"	49	
San Jose Water Treatment Plant	SSE 47	6:44am	n/a	n/a	n/a	2.38"		
San Jose Int'l	ESE 51	7:08am	3:53am-8:22am (4.5 hrs)	29.50 (999.0)	12:53pm	2.63"		
SAN JOAQUIN VALLEY								
Stockton	SSE 56	5:54am	2:55am - 1:55pm (11 hrs)	29.45 (997.2)	1:55pm	2.43"		
Modesto	SE 44	10:00am	8:53am - 11:53am (3 hrs)	29.50 (999.0)	2:46pm	2.04"		
Merced	SE 47	11:55am	8:53 - noon (3 hrs)	29.56 (1000.0)	2:38pm	1.13"		
Fresno	SE 31	3:33pm	none	29.66 (1004.3)	4:43pm	1.56"		
Bakersfield	SSE 41	1:52pm	1:22pm - 1:54pm (30 min)	29.69 (1005.1)	5:54pm	0.31"		
SALINAS VALLEY & PASO								
Salinas	ESE 46	5:59am	3-6am, 10-11am & 3:30pm	29.56 (1001.7)	2pm	1.88"		
King City (WS @ 12ft)*	S 37*	12:24pm	none	n/a	n/a	2.70"		
Paso Robles	S 48	8:31am	8:24am - 1:53pm w/brks (5.5 hrs)	29.66 (1004.0)	4:53pm	1.82"		
Tablas Creek (WS @10ft)*	S 43*	3:15pm	3pm - 5pm (2 hrs)	n/a	n/a	7.31"		

Standard Height for Wind Speed sensor is 10 meters

Storm Series
1/3 - 1/7