



# National Weather Service

## Storm Data and Unusual Weather Phenomena



January 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### CALIFORNIA, South Central

CAZ089>092	<b>W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley</b>								
	03	0200PST			0	0			<b>Frost</b>
	10	0900PST							
	<p>During the time period from December through mid-January, relative high pressure aloft dominated the Central California synoptic weather pattern. With no major frontal systems between the 2nd and 10th of January 2000, mostly clear nights gave rise to strong radiational cooling and a streak of consecutive cold nights for the Central and Southern San Joaquin Valley. While freezing temperatures were reached, grower protection measures were effective enough to minimize any citrus crop damage. Generally the coldest readings (24 to 26 deg F.) were on the very lowest portions of the San Joaquin Valley floor and away from primary citrus areas (with readings 28 deg F. or higher) during this time period. It appears that the morning of the 6th was the coldest when almost all stations were in the 20s, including 25 deg F. at Merced, 29 deg F. at Fresno, and 26 deg F. at Bakersfield.</p>								
CAZ089>092	<b>W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley</b>								
	03	0345PST			0	0			<b>Fog</b>
		0900PST							
	<p>Dense fog with visibilities less than 1/4 mile were reported at Fresno, Merced, and Madera with the earliest report at 0345 PST ... otherwise visibilities dropped around the Central and Southern San Joaquin Valley in localized areas near sunrise</p>								
CAZ089>092	<b>W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley</b>								
	05	2253PST			0	0			<b>Fog</b>
	06	1100PST							
	<p>Several locations around the Central and Southern San Joaquin Valley reported dense fog during the early morning hours even though temperatures were less than 32 degrees F.</p>								
CAZ091>092	<b>Sw Sj Valley - Se Sj Valley</b>								
	07	0610PST			0	0			<b>Fog</b>
		0900PST							
	<p>Dense fog formed in the Southern San Joaquin Valley just before dawn and lingered for a couple of hours before visibilities improved.</p>								
CAZ096	<b>S Sierra Mtns</b>								
	11	1500PST			0	0			<b>Wind</b>
		1530PST							
CAZ096	<b>S Sierra Mtns</b>								
	11	1600PST			0	0			<b>Snow</b>
		2225PST							
	<p>Passage of a weak frontal system brought gusty wind and accumulations of much needed snow to the higher elevations of the Southern Sierra Nevada. Wind speeds of 35 MPH were reached over Tioga Pass late in the afternoon and 8 inches of snow fell in less than 7 hours at the higher elevations of the range.</p>								
CAZ096	<b>S Sierra Mtns</b>								
	15	0600PST			0	0			<b>Winter Storm</b>
	16	1200PST							
	<p>After a long break since some significant frontal passages in mid-November, larger accumulations of snow finally again fell at the high elevations with Tuolumne Meadows reporting 14 inches of snow for much of the 15th; and tapering off during the early morning hours of the 16th.</p>								
CAZ096>097	<b>S Sierra Mtns - Tulare Cty Mtns</b>								
	18	0400PST			0	0			<b>Snow</b>
		1500PST							
	<p>Approximately 11 inches of snow fell beginning just before dawn on the 18th, and continued through the morning hours.</p>								
CAZ095	<b>Kern Cty Mtns</b>								
	21	0800PST			0	0			<b>Fog</b>
		1900PST							
	<p>California Highway Patrol reported visibility dropped to 200 feet on Highway 58 over Tehachapi Summit with only 150 feet of</p>								



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### CALIFORNIA, South Central

visibility in the Tehachapi Valley itself.

<b>CAZ096&gt;097</b>	<b>S Sierra Mtns - Tulare Cty Mtns</b>								
	<b>23</b>	<b>0330PST</b>			<b>0</b>	<b>0</b>			<b>Winter Storm</b>
	<b>25</b>	<b>0950PST</b>							

Badger Pass in Yosemite National Park reported 24 inches of snow from the 23rd through much of the morning of the 25th.

<b>CAZ096&gt;097</b>	<b>S Sierra Mtns - Tulare Cty Mtns</b>								
	<b>23</b>	<b>0745PST</b>			<b>0</b>	<b>0</b>			<b>Snow</b>
	<b>24</b>	<b>0330PST</b>							

With snow continuing afterwards during the day, CALTRANS reported 3 to 4 inches of snow by 0745 PST.

### **Mariposa County**

<b>Briceburg</b>	<b>24</b>								
	<b>25</b>	<b>1530PST</b>			<b>0</b>	<b>0</b>			<b>Urban/Sml Stream Fld</b>
		<b>1510PST</b>							

During the period from Sunday the 23rd through early Tuesday the 25th, significant rainfall occurred in Interior Central California. Highway 140 in Mariposa County near Briceburg was closed due to a rock and mudslide from the large amount of rain early on Monday the 24th. San Joaquin Valley urban areas had significant ponding of water and mountain streams exhibited large amounts of flow with minimal adjacent flooding along the San Joaquin Valley floor and S.Sierra Nevada foothill interface. On the Valley floor Merced received 1.82 inches.. Madera Ranchos 2.05".. Northeast Fresno 2.29".. East Visalia 2.20".. Northeast Exeter 1.80".. and Porterville 0.59". In the mountain areas of the Southern Sierra Nevada Yosemite N.P. received 6.27 inches.. Fishcamp 10.00".. Bass Lake 6.78".. Shaver Lake 5.69".. Lodgepole 5.37".. Springville 3.35".. and Glennville 1.72".

### **Kern County**

<b>2 N (Bfl)Meadows Field 10 E (Bfl)Meadows Field Ap</b>	<b>25</b>	<b>2213PST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm</b>
			<b>2300PST</b>						

Trough passage through South-central California produced enough instability to develop a line of thunderstorms in the Southern San Joaquin Valley and especially around the city of Bakersfield early in the evening of January 25th. The result was a spectacular lightning display around the city along with 0.11" of rain in an hour.

<b>CAZ089&gt;092</b>	<b>W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley</b>								
	<b>29</b>	<b>0215PST</b>			<b>0</b>	<b>0</b>			<b>Fog</b>
		<b>0900PST</b>							

Widespread areas of the Central and Southern San Joaquin Valley experienced dense fog on the morning of the 29th as plenty of surface moisture and clear skies beneath high pressure allowed excellent radiational cooling conditions. As early as 0215 PST Fresno, Madera, and Visalia all dropped to less than 1/4 mile.. followed by Hanford at 0400 PST.. and Merced and Bakersfield by 0530 PST.

<b>CAZ096&gt;097</b>	<b>S Sierra Mtns - Tulare Cty Mtns</b>								
	<b>30</b>	<b>1000PST</b>			<b>0</b>	<b>0</b>			<b>Winter Storm</b>
		<b>2140PST</b>							

Tuolumne Meadows received 13 inches, and Lodgepole 10 inches of new snow in under 12 hours on Sunday the 30th.