



# National Weather Service

## Storm Data and Unusual Weather Phenomena



November 2004

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

<b>CAZ089&gt;092</b>	<b>W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley</b>								
	14 17	0115PST 0839PST			0	0			<b>Dense Fog</b>
	Dense Fog lowered visibility to much less than 1/4-mile over widespread areas of the Central and South San Joaquin Valley during the early morning hours from the 14th through the 17th. One indirect fatality occurred in Kings County from the dense fog on the 14th.								
<b>CAZ093-096-098</b>	<b>S Sierra Foothills - S Sierra Mtns - Indian Wells Vly</b>								
	20 22	1710PST 0310PST			0	0	100K		<b>High Wind (MG93)</b>
	Late on the evening of the 20th northerly winds in excess of 50 MPH at several locations occurred in the Indian Wells Valley of Kern County. Into the morning of the 21st the winds shifted to northeast and developed a classic "Mono Wind" event (NE to SW offshore wind flow) through the Southern Sierra Nevada Mountains and Foothills in the vicinity of Yosemite. Trees were downed in the forests in and around El Portal and Foresta in Mariposa County with some property damage occurring due to the gusty wind in Madera County foothill communities of Oakhurst and Ponderosa Basin. During the morning hours of the 21st there were 3600 mountain customers without power due to downed power lines in at least 24 locations.								
<b>CAZ089&gt;092</b>	<b>W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley</b>								
	22 23	0500PST 0800PST			0	0			<b>Frost/Freeze</b>
	Brisk north wind removed low level moisture from the Central and South San Joaquin Valley floor on the 21st thereby allowing strong radiational cooling conditions during the early morning hours of the 22nd and 23rd. Minimum temperatures dropped to readings around 30 deg.F. at the colder locations during the period.								
<b>CAZ096&gt;097</b>	<b>S Sierra Mtns - Tulare Cty Mtns</b>								
	27	0800PST 1800PST			0	0			<b>Winter Storm</b>
	Accompanying snowfall of 13 to 17 inches in the Southern Sierra Nevada and Tulare County Mountains were gusty winds. Sustained winds during the precipitation event were generally northwest at 35-40 MPH with a few gusts to 60 MPH in the Kern Mountains around midday to the south of the snowfall areas. Water equivalent precipitation at Yosemite National Park was 1.38" with Lodgepole in Sequoia Park receiving 1.32".								
<b>CAZ089-091</b>	<b>W Central Sj Valley - Sw Sj Valley</b>								
	28	0909PST 2124PST			0	0	2K		<b>Strong Wind (EG44)</b>
	Brisk north wind associated with a rapidly moving cold front on the 28th led to areas of blowing dust between 10 and 11 AM PST on the west side of the Central and South San Joaquin Valley.								
<b>CAZ089&gt;092</b>	<b>W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley</b>								
	29 30	0200PST 0900PST			0	0			<b>Frost/Freeze</b>
	On the mornings of the 29th and 30th record and near record cooling threatened freeze damage to the Central and South San Joaquin Valley citrus crops. Minimum temperatures on the morning of the 30th dropped to 24 to 26 deg.F. at several locations. No damage was reported to citrus but protective action was necessary by area growers to minimize losses due to the cold. Bakersfield reported a record low temperature of 29F for the date on the 30th eclipsing the old record of 30 set in 1991.								
<b>CAZ098&gt;099</b>	<b>Indian Wells Vly - Se Kern Cty Desert</b>								
	29 30	2055PST 0900PST			0	0			<b>Frost/Freeze</b>
	The first killing frost in the Kern Deserts occurred on the mornings of the 29th and 30th when minimum temperatures plummeted to 13 to 16 deg F. in many of the coldest locations. China Lake had a record low temperature of 13F and 16F on the 29th and 30th, respectively.								