



# National Weather Service

## Storm Data and Unusual Weather Phenomena



February 2001

| Location | Date | Time<br>Local/<br>Standard | Path<br>Length<br>(Miles) | Path<br>Width<br>(Yards) | Number of<br>Persons<br>Killed | Number of<br>Persons<br>Injured | Estimated<br>Damage<br>Property | Estimated<br>Damage<br>Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

### CALIFORNIA, South Central

|                                 |  |                |  |  |          |          |  |  |                     |
|---------------------------------|--|----------------|--|--|----------|----------|--|--|---------------------|
| <b>CAZ089&gt;091</b>            | <b>W Central Sj Valley - E Central Sj Valley - Sw Sj Valley</b>  |                |  |  |          |          |  |  |                     |
|                                 | <b>01</b>  | <b>0400PST</b> |  |  | <b>0</b> | <b>6</b> |  |  | <b>Fog</b>          |
|                                 | <b>02</b>  | <b>0930PST</b> |  |  |          |          |  |  |                     |
|                                 | Dense fog formed very late on the morning of the 1st affecting the Central San Joaquin Valley and only a small portion of the north part of the SW S.J. Valley on both the morning of the 1st and 2nd. On the morning of the 2nd two multiple vehicle accidents occurred on Highway 198, 4 and 8 miles west of Hanford, due to the dense fog.  |                |  |  |          |          |  |  |                     |
| <b>CAZ089&gt;092</b>            | <b>W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley</b>   |                |  |  |          |          |  |  |                     |
|                                 | <b>01</b>  | <b>0400PST</b> |  |  | <b>0</b> | <b>0</b> |  |  | <b>Frost</b>        |
|                                 | <b>02</b>  | <b>0735PST</b> |  |  |          |          |  |  |                     |
|                                 | Typical of the late winter low temperature concerns for area agriculture, minimum temperatures were in the low 30s for the Central and South San Joaquin Valley on the 1st and 2nd, generally. However, minimum temperatures on the 1st were a little lower in the SE S.J. Valley as minimums dropped as low as 25F at Wasco and 27F at Delano.  |                |  |  |          |          |  |  |                     |
| <b>CAZ090&gt;092</b>            | <b>E Central Sj Valley - Sw Sj Valley - Se Sj Valley</b>   |                |  |  |          |          |  |  |                     |
|                                 | <b>06</b>  | <b>0053PST</b> |  |  | <b>0</b> | <b>0</b> |  |  | <b>Fog</b>          |
|                                 |  | <b>0800PST</b> |  |  |          |          |  |  |                     |
|                                 | Dense fog on the morning of the 6th formed during the early morning hours. Visibilities dropped down to 200 feet in the Central and North portion of the Southern San Joaquin Valley.  |                |  |  |          |          |  |  |                     |
| <b>CAZ095-098&gt;099</b>        | <b>Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert</b>   |                |  |  |          |          |  |  |                     |
|                                 | <b>06</b>  | <b>1200PST</b> |  |  | <b>0</b> | <b>0</b> |  |  | <b>Wind</b>         |
|                                 | <b>07</b>  | <b>1000PST</b> |  |  |          |          |  |  |                     |
|                                 | Mojave Airport gusted to 58 MPH at 1300 PST on the 6th with Indian Wells Canyon around Inyokern climbing to 53 MPH at mid-day and Walker Pass, east of Lake Isabella, having gusts to 58 MPH near the same time  |                |  |  |          |          |  |  |                     |
| <b>CAZ089-091</b>               | <b>W Central Sj Valley - Sw Sj Valley</b>  |                |  |  |          |          |  |  |                     |
|                                 | <b>07</b>  | <b>1209PST</b> |  |  | <b>0</b> | <b>0</b> |  |  | <b>Wind</b>         |
|                                 |  | <b>1709PST</b> |  |  |          |          |  |  |                     |
|                                 | A wind gust on the normally light wind San Joaquin Valley floor reached 51 MPH at Kettleman Hills on the Valley west side at mid-day with sustained wind elsewhere around 25 MPH.  |                |  |  |          |          |  |  |                     |
| <b>CAZ089&gt;092</b>            | <b>W Central Sj Valley - E Central Sj Valley - Sw Sj Valley - Se Sj Valley</b>   |                |  |  |          |          |  |  |                     |
|                                 | <b>08</b>  | <b>0300PST</b> |  |  | <b>0</b> | <b>0</b> |  |  | <b>Frost</b>        |
|                                 |  | <b>0900PST</b> |  |  |          |          |  |  |                     |
|                                 | Temperatures at regularly reporting airport locations (Coalinga, Merced) dropped to 28 degree F. with Delano at 30F. Madera reached a low of 26F while Lemoore dropped to 27F.   |                |  |  |          |          |  |  |                     |
| <b>CAZ093&gt;094-096&gt;097</b> | <b>S Sierra Foothills - Tulare Cty Foothills - S Sierra Mtns - Tulare Cty Mtns</b>   |                |  |  |          |          |  |  |                     |
|                                 | <b>09</b>  | <b>1200PST</b> |  |  | <b>0</b> | <b>0</b> |  |  | <b>Winter Storm</b> |
|                                 | <b>10</b>  | <b>1600PST</b> |  |  |          |          |  |  |                     |
| <b>CAZ095</b>                   | <b>Kern Cty Mtns</b>   |                |  |  |          |          |  |  |                     |
|                                 | <b>09</b>  | <b>2200PST</b> |  |  | <b>0</b> | <b>0</b> |  |  | <b>Snow</b>         |
|                                 | <b>10</b>  | <b>1600PST</b> |  |  |          |          |  |  |                     |
|                                 | With a rather cold winter storm passage through the CWFA, snow levels dropped down to 2500 feet M.S.L. in the foothill areas. Snow amounts reported: Ponderosa Basin 12" (3500 ft); 9" at Mariposa; 14" in Sequoia Park (3500-4000 ft); Fishcamp 30" (4980 ft); Ostrander Lake 20" (8200 ft); Yosemite Valley 12" (4000 ft); Lodgepole 23" (6735 ft); Quaking Aspen 13" (7200 ft); and in the Tehachapi Mountains Alta Sierra had 7" (6000 ft) and Tehachapi 5" (5000 ft). |                |  |  |          |          |  |  |                     |
| <b>Madera County</b>            | <b>15 E Madera</b>   |                |  |  |          |          |  |  |                     |
|                                 | <b>10</b>  | <b>1616PST</b> |  |  | <b>0</b> | <b>0</b> |  |  | <b>Hail (0.75)</b>  |
|                                 |  | <b>1630PST</b> |  |  |          |          |  |  |                     |
| <b>Madera County</b>            | <b>10 S Coarsegold</b>   |                |  |  |          |          |  |  |                     |
|                                 | <b>10</b>  | <b>1621PST</b> |  |  | <b>0</b> | <b>0</b> |  |  | <b>Hail (0.75)</b>  |
|                                 |  | <b>1630PST</b> |  |  |          |          |  |  |                     |



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|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

### CALIFORNIA, South Central

#### Fresno County

|            |    |                    |  |  |   |   |      |  |             |
|------------|----|--------------------|--|--|---|---|------|--|-------------|
| 5 E Clovis | 10 | 1715PST<br>1720PST |  |  | 0 | 0 | 120K |  | Hail (0.75) |
|------------|----|--------------------|--|--|---|---|------|--|-------------|

#### Fresno County

|             |    |                    |  |  |   |   |  |  |             |
|-------------|----|--------------------|--|--|---|---|--|--|-------------|
| 11 E Fresno | 10 | 1717PST<br>1722PST |  |  | 0 | 0 |  |  | Hail (0.75) |
|-------------|----|--------------------|--|--|---|---|--|--|-------------|

#### Fresno County

|             |    |                    |  |  |   |   |  |  |             |
|-------------|----|--------------------|--|--|---|---|--|--|-------------|
| 6 N Reedley | 10 | 1740PST<br>1745PST |  |  | 0 | 0 |  |  | Hail (0.75) |
|-------------|----|--------------------|--|--|---|---|--|--|-------------|

While hail size was not consistently at 3/4", a spotter reported a hail swath from the Fresno Metropolitan area eastward about 25 miles and up to 3 miles wide. Abridged agricultural damage was reported at \$120,000 to vegetables just east of Clovis.

#### CAZ093>097

#### S Sierra Foothills - Tulare Cty Foothills - Kern Cty Mtns - S Sierra Mtns - Tulare Cty Mtns

|    |         |  |  |   |   |  |  |              |
|----|---------|--|--|---|---|--|--|--------------|
| 11 | 0100PST |  |  | 0 | 0 |  |  | Winter Storm |
| 12 | 1600PST |  |  |   |   |  |  |              |

Another major winter storm followed closely on the heels of the one ending the morning of the 10th. With snow levels reported as low as 1500 feet, snow amounts reported were: Up to 11" at Mariposa (3200 feet M.S.L.) for a 2-day total of 16"; Ponderosa Basin 17"; North Fork with a 2-day total of 26"; Yosemite 2-day total of 38"; Hume Lake 19"; Lodgepole 23"; Big Meadows (7600 ft); 40"; Alta Sierra 17" (2-day total of 24"); Glennville 5"; and Sequoia Park Rangers indicated snow accumulation over 2 days between 3500-4000 ft at 12-24". Local utility companies reported up to 7,000 mountain customers without power by the 14th due to continued heavy snow damage due to falling trees.

#### CAZ095

#### Kern Cty Mtns

|    |         |  |  |   |   |  |  |              |
|----|---------|--|--|---|---|--|--|--------------|
| 12 | 2000PST |  |  | 0 | 0 |  |  | Winter Storm |
| 13 | 1900PST |  |  |   |   |  |  |              |

#### CAZ097

#### Tulare Cty Mtns

|    |         |  |  |   |   |  |  |      |
|----|---------|--|--|---|---|--|--|------|
| 12 | 2100PST |  |  | 0 | 0 |  |  | Snow |
| 14 | 0100PST |  |  |   |   |  |  |      |

#### CAZ098>099

#### Indian Wells Vly - Se Kern Cty Desert

|    |                    |  |  |   |   |  |  |            |
|----|--------------------|--|--|---|---|--|--|------------|
| 13 | 0500PST<br>1200PST |  |  | 0 | 0 |  |  | Heavy Snow |
|----|--------------------|--|--|---|---|--|--|------------|

An infrequent snow event occurred on the Kern County Desert floor causing massive motorist problems with 1-2" of snow being common and up to 5" over the county line in Lancaster. At the same time a large amount of snow fell in the Kern Mountains: Frazier Park 30"; 30" NE of Tehachapi (6500 ft M.S.L.); Tehachapi 10"; Lebec 18" (500 motorists stranded on Interstate-5 over the Grapevine); and Greenhorn Summit 18". Additional snow in the Tulare County Mountains during this time period: Big Meadows 8" (7600 ft); Quaking Aspen 7" (7200 ft); and Lodgepole 5". Tulare County Foothill areas received amounts less than 5" as low as 3000 ft. On the desert floor Inyokern received 1.35" and California City 0.57" of rain from mid-day on the 12th into the 13th

#### CAZ096>097

#### S Sierra Mtns - Tulare Cty Mtns

|    |                    |  |  |   |   |  |  |      |
|----|--------------------|--|--|---|---|--|--|------|
| 18 | 0400PST<br>0900PST |  |  | 0 | 0 |  |  | Snow |
|----|--------------------|--|--|---|---|--|--|------|

Snowfall amounts of 7" at Upper Burnt Corral in the S.Sierra Nevada (9700 feet M.S.L.) and Big Meadows in the Tulare County Mountains (7600 ft).

#### CAZ096>097

#### S Sierra Mtns - Tulare Cty Mtns

|    |         |  |  |   |   |  |  |              |
|----|---------|--|--|---|---|--|--|--------------|
| 19 | 0600PST |  |  | 0 | 0 |  |  | Winter Storm |
| 20 | 1200PST |  |  |   |   |  |  |              |

Snow totals over 24-Hours: Agnew Pass 14" (9450 Ft M.S.L.); Upper Burnt Corral 16"; Bishop Pass 24" (11,200 ft) in the S. Sierra Nevada; and Big Meadows 12" and Giant Forest 12" in the Tulare County Mountains.



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|----------|------|----------------------------|---------------------------|--------------------------|----------------------|---------------------|--------------------|
|          |      |                            |                           |                          | Killed               | Injured             | Property<br>Crops  |

### CALIFORNIA, South Central

|   |  |                  |                            |  |          |          |                             |
|---|--|------------------|----------------------------|--|----------|----------|-----------------------------|
| <b>CAZ096</b>   | <b>S Sierra Mtns</b>                                   | <b>22</b>        | <b>1200PST<br/>2135PST</b> |  | <b>0</b> | <b>0</b> | <b>Snow</b>                 |
| Snow reports: Yosemite Valley 4"; Ostrander Lake 7" (8200 feet M.S.L.); and Volcanic Knob 7".   |  |                  |                            |  |          |          |                             |
| <b>CAZ095&gt;097</b>  | <b>Kern Cty Mtns - S Sierra Mtns - Tulare Cty Mtns</b> | <b>24<br/>25</b> | <b>0330PST<br/>1600PST</b> |  | <b>0</b> | <b>0</b> | <b>Winter Storm</b>         |
| Snow Reports: S.Sierra Nevada, Fishcamp 12" from 0600-1200, and Hume Lake 12" all in 12 hours; Tuolumne Meadows 16" and Ostrander Lake 13"; Tulare County Mountains; Lodgepole 16", Quaking Aspen 20", and Wet Meadows 22", all in 12 hours; and, in the Kern Mountains; Alta Sierra 8" in 12 hours and the Kernville RAWs with 1.5" water equivalent |  |                  |                            |  |          |          |                             |
| <b>CAZ095</b>   | <b>Kern Cty Mtns</b>                                   | <b>25<br/>26</b> | <b>1800PST<br/>2000PST</b> |  | <b>0</b> | <b>0</b> | <b>Winter Storm</b>         |
| <b>CAZ097</b>   | <b>Tulare Cty Mtns</b>                                 | <b>25<br/>26</b> | <b>2330PST<br/>2000PST</b> |  | <b>0</b> | <b>0</b> | <b>Snow</b>                 |
| Another substantial snow event struck the Tehachapi Mountains of Kern County on the evening of the 25th with snow amounts of: Frazier Park 12-17" and the Tehachapi-Willow Springs Road out of Tehachapi Valley closed due to heavy snow. In the Tulare County Mountains snow amounts reported were Wet Meadows 8" and Beach Meadows 13" in 24 hours. |  |                  |                            |  |          |          |                             |
| <b>Kern County<br/>Cantil to<br/>Garlock</b>  |  | <b>26</b>        | <b>0630PST<br/>1930PST</b> |  | <b>0</b> | <b>0</b> | <b>Urban/Sml Stream Fld</b> |
| <b>Kern County<br/>3 NW Inyokern</b>  |  | <b>26</b>        | <b>0800PST<br/>1930PST</b> |  | <b>0</b> | <b>0</b> | <b>Urban/Sml Stream Fld</b> |
| The Redrock-Randsburg Road was closed between Cantil and Garlock and Mojave reported street flooding around 0900 PST. Rosamond received 1.04" of rain with the Indian Wells Canyon area receiving 1.05" and Inyokern 0.83".   |  |                  |                            |  |          |          |                             |
| <b>Mariposa County<br/>Mariposa</b>   |  | <b>28</b>        | <b>0000PST<br/>2359PST</b> |  | <b>0</b> | <b>0</b> | <b>Dry</b>                  |
| Despite 125% above normal precipitation for the month for the area, and the state in general, below normal seasonal precipitation-to-date continues. The month ended with the statewide water content of its snowpack at 75%. This was an improvement from the start of the month with the total up to that time running at only 60%.                 |  |                  |                            |  |          |          |                             |
| <b>Kern County<br/>Cantil to<br/>Garlock</b>  |  | <b>28</b>        | <b>1530PST<br/>2100PST</b> |  | <b>0</b> | <b>0</b> | <b>Urban/Sml Stream Fld</b> |
| Early convection early on the 28th continued minor flood problems along the Redrock-Randsburg Road in the Kern County deserts. Total rainfall at California City from late on the 25th through the morning of the 28th was 1". Another 1/4" fell in a thunderstorm from 1400 to 1415 PST on the 28th.   |  |                  |                            |  |          |          |                             |