



National Weather Service

Storm Data and Unusual Weather Phenomena



February 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 |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

CALIFORNIA, South Central

CAZ095>097 **Kern Cty Mtns - S Sierra Mtns - Tulare Cty Mtns**
 02 0900PST 0 0 **Winter Storm**
 03 0400PST

CAZ089-091 **W Central S.J. Valley - Sw S.J. Valley**
 02 0909PST 0 0 2K **Strong Wind (MG48)**
 1755PST

A vigorous frontal system dropped significant snow in the mountain areas on the 2nd starting this wet month for Interior Central California. Snow amounts varied from 14 inches of new snow at Tehachapi Mountain Park in the Kern Mountains to 22" at Kaiser Point in the S.Sierra Nevada. The west side of the San Joaquin Valley had gusty pre-frontal southeast wind conditions with several reports of wind in the 30-55 MPH range and even an isolated gust to 70 MPH. On the Central and San Joaquin Valley Floor rain fell with the frontal passage on the afternoon of the 2nd such as the 0.60" of rain at Clovis, northeast of Fresno

CAZ090 **E Central S.J. Valley**
 02 0909PST 0 0 100K **Strong Wind (MG30)**
 1755PST

About three dozen telephone poles were toppled by heavy wind 2.5 miles NNW of Easton south of Fresno. Additional power poles were toppled just east of Madera. Locally heavy rain with the mid-afternoon frontal passage also indirectly caused numerous vehicle accidents on flooding roads.

CAZ095-098>099 **Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert**
 03 1400PST 0 0 3K **Strong Wind (MG44)**
 2100PST

Strong northwest wind followed early month frontal passages in the Kern County Mountains and Deserts. Additionally, up to 4 inches of new snow fell in the Kern County Mountains at the Tehachapi Pass level during the 4th for this extended winter weather event.

CAZ089>092 **W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley**
 05 0202PST 0 0 **Dense Fog**
 1100PST

Widespread dense fog dropped driving visibilities to less than 200 feet in many areas of the Central and South San Joaquin Valley

CAZ089>092 **W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley**
 08 0501PST 0 0 **Frost/Freeze**
 0900PST

Minimum temperatures varied from 30 to 32F consistently around the Central and South San Joaquin Valley.

CAZ089>092 **W Central S.J. Valley - E Central S.J. Valley - Sw S.J. Valley - Se S.J. Valley**
 10 0600PST 0 0 **Frost/Freeze**
 11 0900PST

Overnight minimum temperatures dropped to 29 to 32F around the Central and South Valley on the mornings of the 10th and 11th

CAZ091>092 **Sw S.J. Valley - Se S.J. Valley**
 12 0740PST 0 0 2K **Strong Wind (MG55)**
 13 1200PST

Sustained southeast wind at 31 MPH with gusts up to 63 MPH were observed in the Extreme South San Joaquin Valley during the 12th with gusty conditions continuing into the morning of the 13th. The gusty conditions reached as far north as Bakersfield which had gusts to 27 knots very early on the 13th.

CAZ096>097 **S Sierra Mtns - Tulare Cty Mtns**
 17 2300PST 0 0 **Winter Storm**
 18 1600PST

CAZ093 **S Sierra Foothills**
 18 0200PST 0 0 20K **Strong Wind (EG50)**
 0600PST



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| | | | | | Killed | Injured | Property | Crops | |

CALIFORNIA, South Central

A winter storm brought 19-25 inches of new snow to the Tulare County Mountains, and 14-27 inches to the Southern Sierra Nevada upper elevations on the 18th. Significant rain also fell on the adjacent San Joaquin Valley floor during the event in addition to the precipitation in the mountains of Interior Central California: Lemoore had 0.68", Arvin 0.59", Merced 0.59", 0.72" Merced, and 0.86" at Glennville. Strong wind associated with the frontal passage toppled a barn in the Coarsegold area of the S.Sierra Foothill.

CAZ095-098>099 **Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert**
18 **1013PST** **0** **0** **3K** **Strong Wind (MG54)**
19 **0400PST**

Post-frontal northwest wind affected the Kern County Mountains and Deserts beginning late on the 18th.

CAZ099 **Se Kern Cty Desert**
22 **0615PST** **0** **0** **5K** **Flood**
1800PST

California Highway Patrol reported flooding/debris on the Redrock-Randsburg Road in the Kern Desert

CAZ089>090-093 **W Central S.J. Valley - E Central S.J. Valley - S Sierra Foothills**
25 **1004PST** **0** **1** **201K** **50K** **Strong Wind (MG36)**
1815PST

During the late morning hours in a pre-frontal condition, southeast wind gusted up to 40 knots in the Central San Joaquin Valley. Numerous power lines were downed in Merced, Livingston, and Santa Nella. A downed power line also resulted in an electrocution injury in Santa Nella. In the adjacent foothill locations wind speeds gusted to 41 knots. Accompanying the wind on the San Joaquin Valley floor were rainfall accumulations of up to 1/2-inch on the 25th: Visalia and Bakersfield 0.50", Hanford 0.46", and 0.45" at Merced. Lingering precipitation totals on the 26th added another one to three tenths of rain on the Central and South San Joaquin Valley Floor. Some almond orchard damage resulted from high wind and heavy rain accumulations in the Merced County area

CAZ091>092 **Sw S.J. Valley - Se S.J. Valley**
25 **1200PST** **0** **0** **2K** **High Wind (MG65)**
1600PST

Southeast wind gusts to 75 MPH occurred in the Extreme Southern San Joaquin Valley on the 25th at the base of the Grapevine.

CAZ091>092-095 **Sw S.J. Valley - Se S.J. Valley - Kern Cty Mtns**
25 **1204PST** **0** **0** **17K** **Strong Wind (MG33)**
2108PST

Pre-frontal wind from the SSE on the 25th caused damage to power transmission poles west of Bakersfield. Consistent wind gusts in excess of 30 MPH occurred through the South and Central San Joaquin Valley. In the nearby Tehachapi Mountains gusts to 45 MPH occurred from the NE.

CAZ096>097 **S Sierra Mtns - Tulare Cty Mtns**
25 **1600PST** **0** **0** **Winter Storm**
26 **2200PST**

Major snow accumulations of up to 36" occurred with the primary storm system in the higher mountain elevations and lingering shower activity added up to 7 inches of additional snow on the 26th. An unofficial sustained wind of 86 MPH and gust of 146 MPH from the SSW occurred at the Mammoth Mountain Ski Area during the evening of the 25th. Significant additional precipitation totals on the 25th reported in the mountain areas included 4.10 inches at Shaver Lake, 2.41" at Yosemite Valley, 2.40" at Pascoes on the Kern River drainage, and 1.60" at Mariposa. Additional rain amounts on the 26th varied from 1 to 1.5". The 48-hour liquid precipitation total for the Kings River Basin (S.Sierra and Tulare County Mountains) was 4.80 inches



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CALIFORNIA, South Central

Fresno County

| | | | | | | | | | |
|--------|----|--------------------|--|--|---|---|--|--|--------------|
| Sanger | 26 | 1245PST 1251PST | | | 0 | 0 | | | Funnel Cloud |
|--------|----|--------------------|--|--|---|---|--|--|--------------|