



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2005

| 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

| | | | | | | | | | |
|---------------|----------------------|-------------------|--|--|----------|----------|--|--|---------------------------|
| CAZ096 | S Sierra Mtns | 03 2300PST | | | 0 | 0 | | | Winter Weather/Mix |
| | | 04 0300PST | | | | | | | |

| | | | | | | | | | |
|--------------------------|--------------------------------------------------------------|-------------------|--|--|----------|----------|------------|--|---------------------------|
| CAZ095-098>099 | Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert | 04 0414PST | | | 0 | 0 | 27K | | Strong Wind (MG53) |
| | | 1400PST | | | | | | | |

Snowfall totals with this April storm varied from 7 inches at Lower Kibbie Ridge to 11" at Tenaya Lake and West Woodchuck Meadow in the S.Sierra Nevada very early on the 4th. Gusty frontal and post-frontal wind also occurred in the Kern Mountains and Deserts during the 4th. A truck was blown over on Highway 14 approximately 1.5 miles north of Mojave due to the gusting wind.

| | | | | | | | | | |
|--------------------------|--------------------------------------------------------------|-------------------|--|--|----------|----------|-----------|--|---------------------------|
| CAZ095-098>099 | Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert | 07 1200PST | | | 0 | 0 | 3K | | Strong Wind (MG50) |
| | | 09 2000PST | | | | | | | |

Gusty west wind plagued the Kern County Mountains and Deserts at times from the 7th through the 9th of the month

| | | | | | | | | | |
|---------------|------------------------|-------------------|--|--|----------|----------|--|--|---------------------------|
| CAZ097 | Tulare Cty Mtns | 08 1430PST | | | 0 | 0 | | | Winter Weather/Mix |
| | | 2300PST | | | | | | | |

In the Tulare County Mountains, Grant Grove reported 7" and Lodgepole 6" of new snow during the 8th

| | | | | | | | | | |
|----------------------|----------------------------------------|-------------------|------------|-----------|----------|----------|------------|------------|---------------------|
| Merced County | | 08 1720PST | 1.2 | 50 | 0 | 0 | 25K | 50K | Tornado (F0) |
| | 1 W Ballico to .5 S Ballico | 1732PST | | | | | | | |



The track of the Ballico Tornado from northwest (lower left) to the southeast (upper right). (Photo by WCM Dan Gudgel)

At Ballico, one larger funnel ran a course from northwest to southeast just west of the community of Ballico in Northern Merced County with a smaller funnel causing damage in a smaller path northeast of the main funnel in Ballico itself. The tornado was associated convection along pre- and post-trof wind shift line in the Central San Joaquin Valley during the early evening of the 8th

| | | | | | | | | | |
|----------------------|----------------|-------------------|--|--|----------|----------|--|--|---------------------|
| Merced County | | 08 1720PST | | | 0 | 0 | | | Funnel Cloud |
| | Gustine | 1725PST | | | | | | | |

Newspaper reports indicated a funnel cloud observed near Gustine at the same time as the Ballico Tornado



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

CALIFORNIA, South Central

| | | | | | | | | | |
|--------------------------|--------------------------------------------------------------|----------------------------|--|--|----------|----------|-----------|--|---------------------------|
| CAZ095-098>099 | Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert | | | | | | | | |
| | 13 | 1050PST 2000PST | | | 0 | 0 | 3K | | Strong Wind (MG54) |

Westerly wind buffeted the Kern County mountains and deserts on the 13th.

| | | | | | | | | | |
|--------------------------|--------------------------------------------------------------|----------------------------|--|--|----------|----------|-----------|--|---------------------------|
| CAZ095-098>099 | Kern Cty Mtns - Indian Wells Vly - Se Kern Cty Desert | | | | | | | | |
| | 18 19 | 1145PST 2100PST | | | 0 | 0 | 3K | | Strong Wind (MG40) |

Kern County Mountains and Deserts had brisk west winds again on the 18th and 19th.

| | | | | | | | | | |
|---------------|----------------------|----------------------------|--|--|----------|----------|-----------|--|------------------|
| CAZ095 | Kern Cty Mtns | | | | | | | | |
| | 24 | 0327PST 0800PST | | | 0 | 0 | 3K | | Landslide |

Kern County

| | | | | | | | | | |
|-------------------------|-----------|----------------|--|--|----------|----------|--|--|-------------------|
| 11.5 W Tehachapi | 24 | 0327PST | | | | | | | |
| | | | | | 0 | 0 | | | Heavy Rain |

Tulare County

| | | | | | | | | | |
|----------------------------------------------------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| 1.5 E California Hot Spgs California Hot Spgs | 24 | 0327PST 0800PST | | | | | | | |
| | | | | | 0 | 0 | | | Heavy Rain |

Relatively heavy rain up to 1.4" occurred in the mountain areas of Tulare County and Kern County of Interior Central California early on the 24th. A rockslide occurred in the Kern Canyon area east-northeast of Bakersfield due to the locally heavy rain

| | | | | | | | | | |
|---------------|-------------------------|----------------|--|--|----------|----------|-----------|--|-------------------------|
| CAZ098 | Indian Wells Vly | | | | | | | | |
| | 24 | 1325PST | | | 0 | 0 | 5K | | High Wind (EG90) |

As reported by residents at the north end of Ridgecrest, CA, approximately 30-seconds of a strong gust of wind caused minor damage the afternoon of the 24th. Fences were downed and roof shingles were blown off by what was likely a mountain wave rotor touchdown (based on photographic evidence).

Kings County

| | | | | | | | | | |
|-----------------------------------------------------|-----------|----------------------------|--|--|----------|----------|--|--|---------------------|
| .5 W (Nlc)Nas Lemoore t (Nlc)Nas Lemoore | 28 | 1135PST 1140PST | | | | | | | |
| | | | | | 0 | 0 | | | Funnel Cloud |

Kings County

| | | | | | | | | | |
|----------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| Lemoore | 28 | 1200PST 1300PST | | | | | | | |
| | | | | | 0 | 0 | | | Heavy Rain |

Kings County

| | | | | | | | | | |
|--------------------|-----------|----------------|--|--|----------|----------|--|--|------------------|
| 1 W Lemoore | 28 | 1225PST | | | | | | | |
| | | | | | 0 | 0 | | | Lightning |

Kings County

| | | | | | | | | | |
|-------------------------------------------|-----------|----------------------------|--|--|----------|----------|--|--|---------------------|
| .5 NW Lemoore to .5 NE Lemoore | 28 | 1233PST 1240PST | | | | | | | |
| | | | | | 0 | 0 | | | Funnel Cloud |

Early afternoon thunderstorm activity brought locally heavy rain (0.88"), hail, and reports of funnel clouds around the city of Lemoore.

Kings County

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|------------------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| 4.5 WNW Hanford | 28 | 1251PST 1301PST | | | | | | | |
| | | | | | 0 | 0 | | | Hail(0.75) |

Kings County

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|----------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| Lemoore | 28 | 1253PST 1303PST | | | | | | | |
| | | | | | 0 | 0 | | | Hail(0.75) |

Kings County

| | | | | | | | | | |
|------------------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| 4.7 WNW Hanford | 28 | 1307PST 1317PST | | | | | | | |
| | | | | | 0 | 0 | | | Hail(1.25) |

Kings County

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|--------------------|-----------|----------------------------|--|--|----------|----------|--|--|-------------------|
| 2 W Hanford | 28 | 1309PST 1319PST | | | | | | | |
| | | | | | 0 | 0 | | | Hail(1.00) |

Mid-day and afternoon thunderstorms during the 28th led to many reports of hail. Damage from hail on the 28th and other days of unseasonably persistent rain into early May resulted in significant crop damage in Central California. These damage figures will be reported in the May 2005 Storm Data.



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

CALIFORNIA, South Central

Kings County

| | | | | | | | | | |
|----------------------|----|---------|--|--|---|---|-----|------|-----------|
| 1.6 NNW Hanford Muni | 28 | 1314PST | | | 0 | 0 | 25K | 400K | Lightning |
|----------------------|----|---------|--|--|---|---|-----|------|-----------|



A large oak tree literally exploded and was totally destroyed from a lightning strike within the city limits of Hanford, CA, on April 28th, 2005. (photo by WCM Dan Gudgel)

Lightning struck within the city limits of Hanford, Kings County, CA, during the severe thunderstorm episode of the 28th. Beside the destroyed oak tree, windows at the home and in the adjacent house were broken by debris resulting from the strike. Reports from the Kings County, Tulare County, and Fresno County Ag Commissioners will summarize the crop damage from the late April and early May rains and hail. The Kings County Ag Commissioner estimated 20% of the cherry crop was damaged by the hail and rain on the 28th.

Tulare County

| | | | | | | | | | |
|----------------------------------|----|--------------------|--|--|---|---|--|--|------------|
| 7 NW Woodlake to 8 N Woodlake | 28 | 1323PST 1400PST | | | 0 | 0 | | | Hail(0.75) |
|----------------------------------|----|--------------------|--|--|---|---|--|--|------------|

Fresno County

| | | | | | | | | | |
|--------------------------------|----|--------------------|--|--|---|---|--|--|--------------|
| 2 S Fowler to 3.6 SSE Selma | 28 | 1327PST 1333PST | | | 0 | 0 | | | Funnel Cloud |
|--------------------------------|----|--------------------|--|--|---|---|--|--|--------------|

Several reports from storm chasers and CHP were received in regard to this funnel cloud.

Tulare County

| | | | | | | | | | |
|-------------|----|--------------------|--|--|---|---|--|--|------------|
| Porterville | 28 | 1330PST 1635PST | | | 0 | 0 | | | Heavy Rain |
|-------------|----|--------------------|--|--|---|---|--|--|------------|

Tulare County

| | | | | | | | | | |
|---------|----|--------------------|--|--|---|---|--|--|------------|
| Visalia | 28 | 1428PST 1700PST | | | 0 | 0 | | | Heavy Rain |
|---------|----|--------------------|--|--|---|---|--|--|------------|

Tulare County

| | | | | | | | | | |
|---------------|----|--------------------|--|--|---|---|--|--|------------|
| 1 N Earlimart | 28 | 1503PST 1603PST | | | 0 | 0 | | | Heavy Rain |
|---------------|----|--------------------|--|--|---|---|--|--|------------|

Tulare County

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|-------------|----|--------------------|--|--|---|---|--|--|------------|
| 5 SW Tulare | 28 | 1530PST 1622PST | | | 0 | 0 | | | Heavy Rain |
|-------------|----|--------------------|--|--|---|---|--|--|------------|

Afternoon thunderstorm activity brought 1.57" of rain to the Porterville area the afternoon of the 28th. Numerous areas in Tulare County had road flooding difficulties due to locally heavy thundershowers



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

CALIFORNIA, South Central

Fresno County

| | | | | | | | | | |
|---------------------|----|--------------------|--|--|---|---|--|--|--------------|
| 3 NW Selma to Selma | 28 | 1354PST 1400PST | | | 0 | 0 | | | Funnel Cloud |
|---------------------|----|--------------------|--|--|---|---|--|--|--------------|

Fresno County

| | | | | | | | | | |
|--------------------------|----|--------------------|--|--|---|---|--|--|--------------|
| 2 W Fresno to 1 W Fresno | 28 | 1405PST 1410PST | | | 0 | 0 | | | Funnel Cloud |
|--------------------------|----|--------------------|--|--|---|---|--|--|--------------|

Fresno County

| | | | | | | | | | |
|--------------------------|----|--------------------|--|--|---|---|--|--|------------|
| 2 W Fresno to 1 W Fresno | 28 | 1405PST 1410PST | | | 0 | 0 | | | Hail(0.75) |
|--------------------------|----|--------------------|--|--|---|---|--|--|------------|

Fresno County

| | | | | | | | | | |
|---------|----|--------------------|--|--|---|---|------|--|------------|
| Parlier | 28 | 1432PST 1600PST | | | 0 | 0 | 250K | | Heavy Rain |
|---------|----|--------------------|--|--|---|---|------|--|------------|

Fresno County

| | | | | | | | | | |
|----------------|----|--------------------|--|--|---|---|--|--|------------|
| 5.7 WNW Fresno | 28 | 1450PST 1530PST | | | 0 | 0 | | | Heavy Rain |
|----------------|----|--------------------|--|--|---|---|--|--|------------|

Locally heavy rain of 3.57" with some hail during afternoon thunderstorm on the 28th led to substantial street flooding in Fresno County town of Parlier. Numerous areas of ponded water in roadways both west and east of the city of Fresno were also reported. Areas in Western Fresno County reported in excess of 1.25" of rain during the afternoon.

Fresno County

| | | | | | | | | | |
|------------------|----|--------------------|--|--|---|---|--|--|--------------|
| 5.4 NE Caruthers | 28 | 1405PST 1410PST | | | 0 | 0 | | | Funnel Cloud |
|------------------|----|--------------------|--|--|---|---|--|--|--------------|

Fresno County

| | | | | | | | | | |
|-------------------------------|----|--------------------|--|--|---|---|--|--|------------|
| 1 WSW Parlier to 2 NE Parlier | 28 | 1411PST 1428PST | | | 0 | 0 | | | Hail(0.75) |
|-------------------------------|----|--------------------|--|--|---|---|--|--|------------|

Several reports of hail were received in and around the city of Parlier during the 28th. Crop damage from this event and persistent rain within Fresno County will be reported in the May 2005 Storm Data.

Tulare County

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|------------------------------------------|----|--------------------|--|--|---|---|--|--|--------------|
| 4 NNW Visalia Arpt to 5 NNE Visalia Arpt | 28 | 1435PST 1445PST | | | 0 | 0 | | | Funnel Cloud |
|------------------------------------------|----|--------------------|--|--|---|---|--|--|--------------|



Funnel cloud north of Visalia, CA. (photo by Adele Greene)