



# National Weather Service

## Storm Data and Unusual Weather Phenomena



April 2006

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

#### Madera County

Countywide	02 05	1500PST 1500PST			0	0	16.6M	Heavy Rain
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#### Fresno County

Countywide	02 05	1600PST 1600PST			0	0	16M	Heavy Rain
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#### Kings County

Countywide	02 05	1700PST 1800PST			0	0	2.2M	Heavy Rain
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#### Mariposa County

Countywide	02 05	1800PST 1700PST			0	0		Heavy Rain
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#### Merced County

Countywide	02 05	1800PST 1700PST			0	0	2.0M	Heavy Rain
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#### Tulare County

Countywide	02 05	1800PST 1800PST			0	0	9.1M	Heavy Rain
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#### Kern County

Countywide	03 05	0900PST 1900PST			0	0	160K	Heavy Rain
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Interior Central California came under an inclement weather period where rain fell daily for the first 5 days of the month. Rainfall accumulations were quite substantial and combined with already saturated soils led to extensive urban and rural ponding as well as several cases of local flooding due to high water in small streams, canals, and creeks. Within the first 5 days of the month, Bald Mountain received over 14 inches of rain in the Madera County portion of the S.Sierra Nevada, Nature Point in Fresno County received over 10", 7" of rain fell at Jerseydale in Mariposa County, and just under 5" of rain occurred 8 miles east of Merced. In Kern County, rural ponding led to damage in 16 homes in the northwest area of Lamont by the 20th from the month's rainfall runoff and ponding. The near-continual inclement weather through March and into early April took its toll on area agriculture due to flooded fields, heavy rain on field crop produce and deciduous orchard fruit, much below normal temperatures, and hail events.

#### CAZ096>097

#### S Sierra Mtns - Tulare Cty Mtns

	02 05	1900PST 1200PST			0	0		Winter Storm
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An extended period of inclement weather continued from March into the 1st week of April. During the 1st week of April, mountain areas received very large amounts of snow...and especially so considering the time period. Winter snowpacks in the S.Sierra Nevada normally reach peak by April 1st...this 2005-06 cool season snowpack peak occurred later in the month with continued periods of snowfall. Snowfall received over a 48 hour period essentially during the 3rd and 4th included: 48" at Upper Burnt Corral, 45" at Bishop Pass, 35" at Graveyard Meadow, 22" at Tunnel Guard Station, and 19" at Crabtree Meadow. Snowfall from the 30th of March through the 6th of April included 84" at Green Mountain in Madera County, 75" at Tamarack Summit in Fresno County, and 81" at Big Meadows in Tulare County.

#### Madera County

North Fork	03 05	0600PST 2040PST			0	0		Flood
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#### Mariposa County

26.5 WNW Yosemite Vlg	03 04	0600PST 2359PST			0	0		Flood
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#### CAZ093-093

#### S Sierra Foothills

	03	0900PST 0912PST			0	0		Landslide
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### CALIFORNIA, South Central

#### Madera County

2.2 SW North Fork	04 05	1745PST 2040PST			0	0			<b>Flood</b>
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Significant rainfall on soils that had reached saturation by late March led to substantial runoff in many location of Interior Central California by the 1st week in April. Evergreen Road in Northwest Yosemite National Park became flooded early on the 3rd. California Highway Patrol reported a large boulder onto Road 82 and Road 222 within the Madera County Foothills on the 3rd with mud and rocks over Road 200 at Road 224 on the 4th. Further flooding was reported in North Fork with another rock slide on Kings Canyon Road in the Fresno County portion of the S.Sierra Nevada Foothills.

#### Tulare County

5 NE Three Rivers	03 05	0900PST 2040PST			0	0			<b>Flood</b>
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Substantial rainfall as observed by NWS Radar in the Tulare County Mountains and Foothills lead to high stream flows and localized flooding during the 1st week in April.

#### Merced County

1.1 N Merced Arpt to 3.6 SE Atwater	04 05	0318PST 2040PST			0	0	9.7M		<b>Flood</b>
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#### Merced County

2.2 NNE Merced Arpt to 3.6 SE Atwater	04 05	0318PST 2040PST			0	0			<b>Flood</b>
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Due to continued heavy rain and subsequent high stream flows, a break in Black Rascal Creek flooded homes in north Merced. And Bear Creek raised over its banks in West Merced flooding a residential section in that vicinity. Overall there were approximately 300 homes flooded around Merced with over 500 people evacuated during the event

#### Tulare County

4 SE Cutler	04 05	0952PST 2040PST			0	0	100K		<b>Flood</b>
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#### Tulare County

.5 E Oroshi	04 05	0952PST 2040PST			0	0	100K		<b>Flood</b>
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#### Tulare County

1 WNW Visalia to 2 WNW Visalia	04 05	0952PST 2040PST			0	0	50K		<b>Heavy Rain</b>
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Continued rain, locally heavy, led to numerous urban ponding incidences within the city of Visalia. Additionally, a canal bank breached near Oroshi with the excess water and runoff. Poor drainage resulted in substantial damage to homes in Visalia from flooding. Further flooding occurred in homes and the school at Seville, southeast of Cutler in Tulare County.

#### Fresno County

Reedley	04	1457PST 1500PST			0	0			<b>Hail(1.00)</b>
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A trained spotter reported quarter-size hail near Reedley. Two unconfirmed reports were received from the general public of golf-ball hail also near Reedley.

#### Tulare County

Goshen	04	1502PST 1545PST			0	0			<b>Hail(0.75)</b>
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A trained spotter reported 3/4-inch hail near Goshen in Tulare County during the afternoon of the 4th

#### Fresno County

Sanger	04	1507PST 1545PST			0	0			<b>Hail(1.50)</b>
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Hail varying from 1 to 1.5 inches was reported by school bus drivers near Sanger in Fresno County.



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### CALIFORNIA, South Central

#### Fresno County

1 NE Friant to 5.1 ENE Mendota	04 06	2130PST 1415PST			0	0			Flood
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#### Fresno County

1 NE Friant to 5.1 ENE Mendota	07 11	1200PST 1030PST			0	0			Flood
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Due to heavy rainfall in the adjacent mountain areas, water releases from Friant Dam resulted in river levels above the legal carrying capacity of the San Joaquin River from the 4th to the 11th of the month. No damage was reported from the high water levels in the river.

#### Madera County

2.5 NNE Dairyland to .5 N Dairyland	05 08	1200PST 1200PST			0	0	2.8M	5.8M	Flood
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The Berenda Slough had its banks fail between 1130 and 1230 PST on the 4th resulting in widespread water over farmland in Madera County southwest of Chowchilla. Flooding of this type and in this location had not occurred in at least the last 76 years as any high water flows had safely moved past the area within the banks of the area sloughs, creeks, and rivers.

#### CAZ095

#### Kern Cty Mtns

	05	1300PST 2040PST			0	0			Winter Weather
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California Highway Patrol reported closure of Highway 58 over Tehachapi Pass in mid afternoon due to rain/hail/snowfall

#### Kern County

4 WSW (Bfl) Meadows F	05	1436PST			0	0			Lightning
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Convective activity developed across the Southern San Joaquin Valley in the afternoon of the 5th.

#### Tulare County

2.9 ESE Porterville	14	1342PST 1400PST			0	0			Hail(0.75)
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#### Tulare County

2.9 ESE Porterville	14	1342PST			0	0			Lightning
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#### Tulare County

Springville	14	1424PST 1630PST			0	0	125K		Flash Flood
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Thunderstorm activity lead to locally heavy rain, mud slides, and full streams the afternoon and early evening of the 14th in the Tulare County foothills of the S.Sierra Nevada. The area around Lake Success east of Porterville and the Springville area was especially hard hit by heavy rain with a thunderstorm and subsequent small stream high water flows until mid-evening. Rainfall accumulation during the episode was estimated as high as 3.5" from southeast of Porterville northeast to Springville in Tulare County. A mud slide in Springville resulted in flooding 20 homes and 5 classrooms of the local, Alta Vista School

#### Merced County

Atwater to 5 NNE Merced	14	1400PST 1428PST			0	0			Funnel Cloud
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#### Fresno County

(Fat) Air Terminal	14	1438PST 1500PST			0	0			Lightning
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#### Madera County

5 S Coarsegold	14	1441PST 1442PST			0	0			Funnel Cloud
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#### Fresno County

Shaver Lake	14	1545PST 1645PST			0	0			Flash Flood
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							Crops

### CALIFORNIA, South Central

#### Madera County

Coarsegold	14	1700PST 2000PST			0	0		Heavy Rain
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#### Fresno County

4.4 SW (Fat) Air Termin	14	1720PST			0	0		Lightning
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Heavy rain (up to 1.5" in a couple of hours) associated with thunderstorms in the Fresno County and Madera County portions of the S.Sierra Nevada Foothills resulted in high stream flows throughout the area. A mudslide in the Shaver Lake area occurred late in the afternoon on the 14th from the rainfall.

#### CAZ096

S Sierra Mtns		16 1100PST 17 0200PST			0	0		Winter Weather
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#### CAZ095-098

Kern Cty Mtns - Indian Wells Vly		16 1155PST 17 1300PST			0	0	2K	Strong Wind (MG46)
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#### CAZ093

S Sierra Foothills		16 1801PST 17 0300PST			0	0		Landslide
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Another weather system swept through Central California on the 16th bringing more snow to the higher terrain of the S.Sierra Nevada, heavy rain in the Sierra Foothills, and windy conditions to the Kern Mountains and Indian Wells Valley. In the mountains Tuolumne received 12" additional snow and Tenaya Lake 18" in 24 hours. Black Cap Basin 7" and Sierra Summit Ski Resort got an additional 7" in 12 hours overnight. Encouraged by continued rainfall, the rockslide continues onto Highway 140 in Mariposa County, 6.3 miles WSW of Savages Trading Post on State Highway 140 continuing to close access into Yosemite National Park through that all-weather highway.

#### Fresno County

15.4 SW San Joaquin	21	1555PST 1622PST			0	0		Hail(0.75)
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#### Fresno County

14 W Five Pts	21	1608PST 1615PST			0	0		Funnel Cloud
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#### Fresno County

16.7 SW San Joaquin to 12 NW Firebaugh	21	1622PST 1930PST			0	0		Flash Flood
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#### Fresno County

23 W San Joaquin to 13.2 WSW Firebaugh	21	1622PST 1705PST			0	0		Hail(1.00)
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#### Fresno County

2 NW Coalinga	21	1718PST 1930PST			0	0		Flash Flood
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#### Fresno County

1 W Easton to 1 NW Easton	21	1916PST 1945PST			0	0		Hail(0.75)
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#### Fresno County

1 N (Fch) Chandler Af	21	1939PST			0	0		Lightning
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#### Kern County

3 NW (Bfl) Meadows Fiel	21	1950PST			0	0		Lightning
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Multicellular thunderstorms passed from the SSE to NNW just east of Interstate Highway 5 in Fresno County during the late afternoon and into the early evening of the 21st. Hail varied from 3/4" to 1" throughout the event. The thunderstorms formed forward of a "dry line" pushing in from the Central Coast and resulted in a 31-mile track, 3 miles wide, of the heavy rain and severe hail. The heavy rain resulted in several locations of moving water over roadways along the west side of the San Joaquin Valley from southwest of San Joaquin to northwest of Firebaugh. Over 4" of rain fell from 1430 to 1630 PM PST measured at a farmyard 14.5 miles SSW of Mendota during the event.



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### CALIFORNIA, South Central

#### Fresno County

1 NE Reedley to 5 NW Kerman	26	0250PST 0434PST			0	0	100K		Hail(0.50)
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#### Fresno County

2.2 N Selma	26	0324PST			0	0			Lightning
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An upper low pressure over Southern California brought moisture from the east over Central California early on the morning of the 26th. A relatively strong thunderstorm developed near Reedley and subsequently moved westward through Fresno County in the Central San Joaquin Valley to near Kerman. Locally heavy rain occurred with the storm but 1/2-inch hail at times brought continued damage to area agriculture and the young field crops and setting deciduous crops. The width of the hail was approximately 1 mile wide and extended for a distance of about 33 miles. The 1/2-inch hail was observed with the storm about 3 miles west of Fresno at 0405 AM PST.

#### CAZ093

#### S Sierra Foothills

29 30	29 30	0600PST 2359PST			0	0			Landslide
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After years of sporadic but small rock slides over Highway 140 going into Yosemite National Park through Mariposa (including a minor one on the 16th of this month), a major rock slide occurred about 6.2 miles WSW of El Portal on the 29th and closed the highway between Mariposa and the Park entrance.