

FEBRUARY 2025 WEATHER SUMMARY FOR THE CENTRAL CALIFORNIA INTERIOR

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Number of Days with Freezing Overnight Low Temperatures (Season - November 1st to March 31st)

Bakersfield: February total: 0 (Normal: 1). Season to date total: 3 (Normal: 10).

Fresno: February total: 0 (Normal: 1). Season to date total: 0 (Normal: 11).

Hanford: February total: 1 (Normal: 4). Season to date total: 18 (Normal: 26).

Madera: February total: 3 (Normal: 3). Season to date total: 17 (Normal: 22).

Merced: February total: 3 (Normal: 4). Season to date total: 18 (Normal: 24).

February started off with some light precipitation as the storm that ended January quickly left. Dry conditions prevailed on the 2nd and 3rd before two troughs moving in on the 4th and 5th into the 6th bringing more rain. The 7th through 11th was drier with average high temperatures and spots receiving freezing temperatures before warming slightly. The biggest atmospheric river of the season moved in on the 12th through the 14th bringing record rain to Fresno on the 13th. Flood advisories and even a Flash Flood Warning were issued with this storm. Conditions dried once again and temperatures warmed to above average in the afternoon from the 15th through the end of the month. During this period, the weather was generally benign, except for some locally gusty winds at times along the Mojave Desert slopes in eastern Kern County. Record highs were reached in some Central Valley locations towards the end of the month, as highs reached into the upper 70's and 80's.

The month ended up with below average precipitation in most of the region, except in the Sierra Nevada received well above average precipitation (Fig 1) while above average temperatures prevailed in our forecast area (Fig 2).

**Table 1 – February 2025 Summary Statistics–
NWS Hanford, CA ASOS Sites**

Location	Monthly Average Temp (deg F)	Departure from Average (deg F)	Temperature Rank	Total Monthly Precipi- tation (inches)	Departure from Normal (inches)	Precipitation Rank
Bakersfield	55.7	+1.9	21st highest	0.59	-0.59	46th lowest
Fresno	54.8	+2.5	14th highest	1.61	-0.32	62nd highest
Hanford	52.5	+1.6	28th highest	0.94	-0.50	52nd lowest
Madera	53.0	+1.3	16th highest	0.80	-1.19	29th lowest
Merced	53.4	+2.9	12th highest	1.55	-0.65	50th lowest

**Table 2 – Seasonal Precipitation for ASOS Locations (ending on
February 28th, 2025)**

Location	Since Jan 1st (inches)	Departure From Average (inches)	Since Jul 1st (inches)	Departure From Average (inches)	Since Oct 1st (inches)	Departure From Normal (inches)
Bakersfield	0.85	-1.52	2.44	-1.87	2.44	-1.82
Fresno	1.74	-2.35	4.73	-2.66	4.70	-2.61
Hanford	1.22	-1.78	3.87	-1.63	3.85	-1.59
Madera	1.23	-2.84	4.49	-2.80	4.49	-2.76
Merced	2.05	-2.52	4.96	-3.23	4.96	-3.18

Table 3– Warmest High Temperatures and Coolest Low Temperatures of the Month for ASOS Locations				
Location	High	Date(s)	Low	Date(s)
Bakersfield	84	27th	33	11th
Fresno	77	28th	35	9th & 11th
Hanford	78	24th	30	9th
Madera	75	28th	31	9th
Merced	78	28th	30	9th

Daily

Records Set During February 2025

Bakersfield

27th: Record high maximum temperature of 84 degrees was set, which broke the old record of 83 degrees last set for the date in 1980.

Fresno

13th: Record precipitation of 1.12 inches was set, which breaks the previous record of 1.08 inches set in 2000.

Hanford

No daily records reached.

Madera

2nd: A record high temperature of 73 degrees was set, breaking the previous record of 72 degrees set in 1976.

Merced

23rd: A record high temperature of 75 degrees was set, breaking the previous record of 74 degrees set in 1968.

Fig 1 – Departure from Average Temperature for this month

Percent of Average Precipitation (%)
1/31/2025 – 3/1/2025

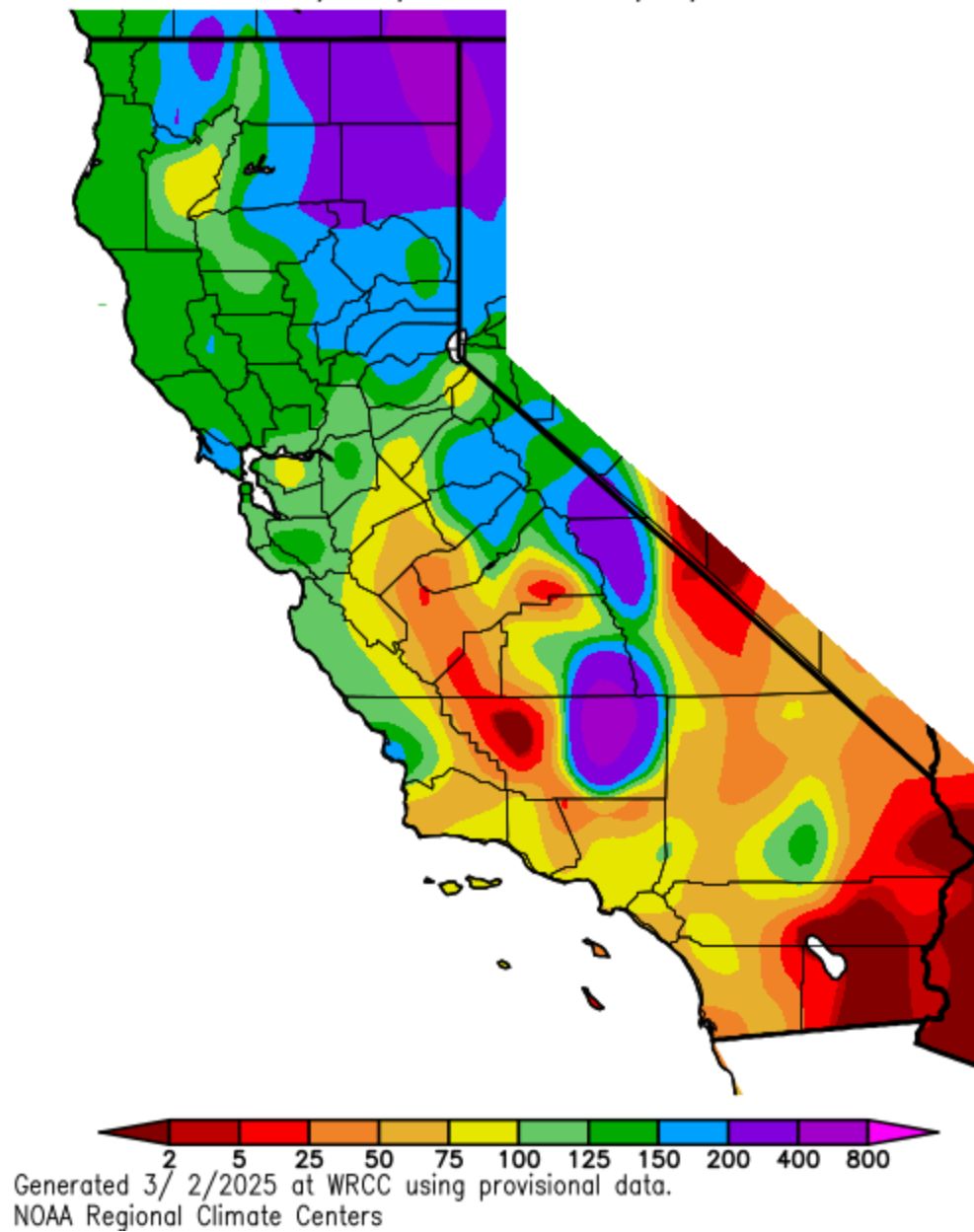
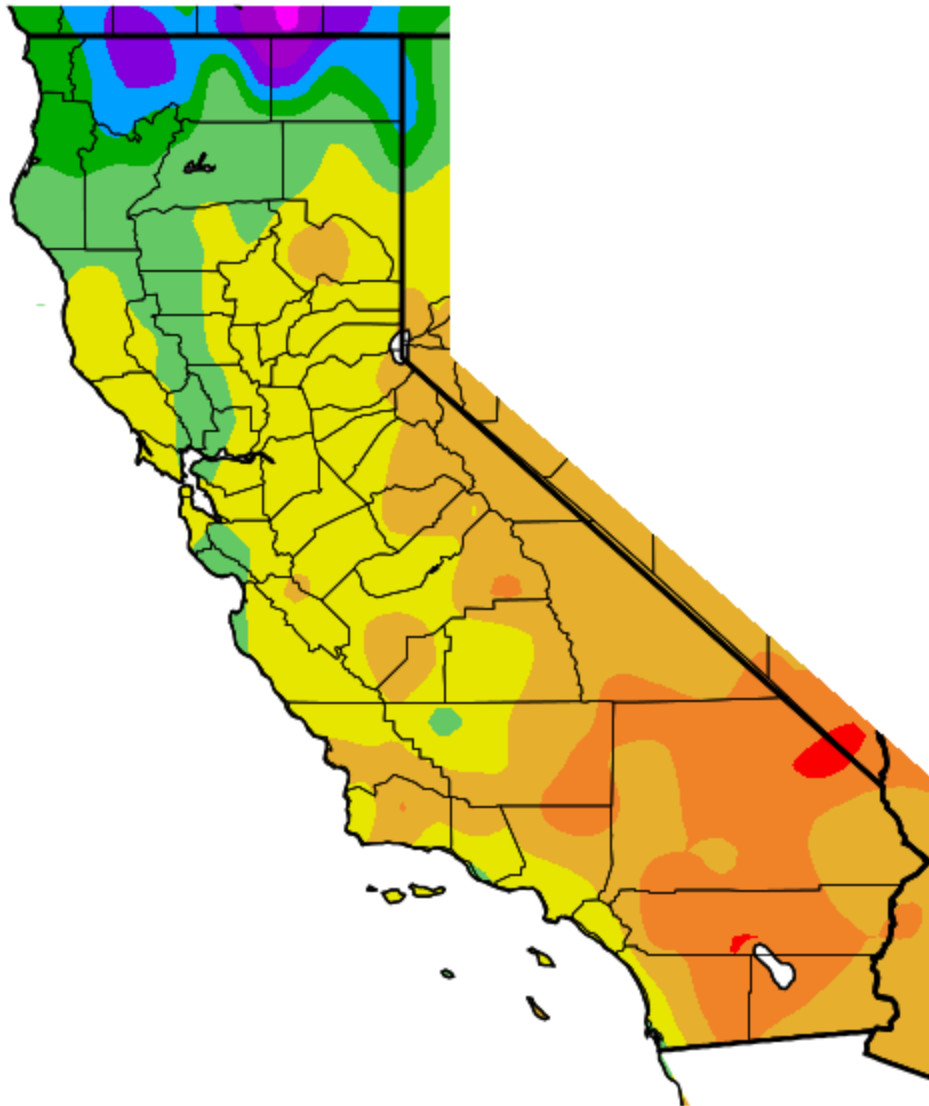


Fig 2 – Percent of Average Precipitation for this month

Ave. Temperature dep from Ave (deg F)
1/31/2025 – 3/1/2025



Generated 3/ 2/2025 at WRCC using provisional data.
NOAA Regional Climate Centers