



# Drought Information Statement for Far southwestern California

Valid **March 11, 2025**

Issued By: NWS San Diego

Contact Information: [weather.gov/SanDiego](https://weather.gov/SanDiego)

- This product will be updated February, 25, 2025 or sooner if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/SGX/DroughtInformationStatement> for previous statements.
- Please visit [https://www.drought.gov/drought-status-updates?dews\\_region=136&state=141](https://www.drought.gov/drought-status-updates?dews_region=136&state=141) for updates.

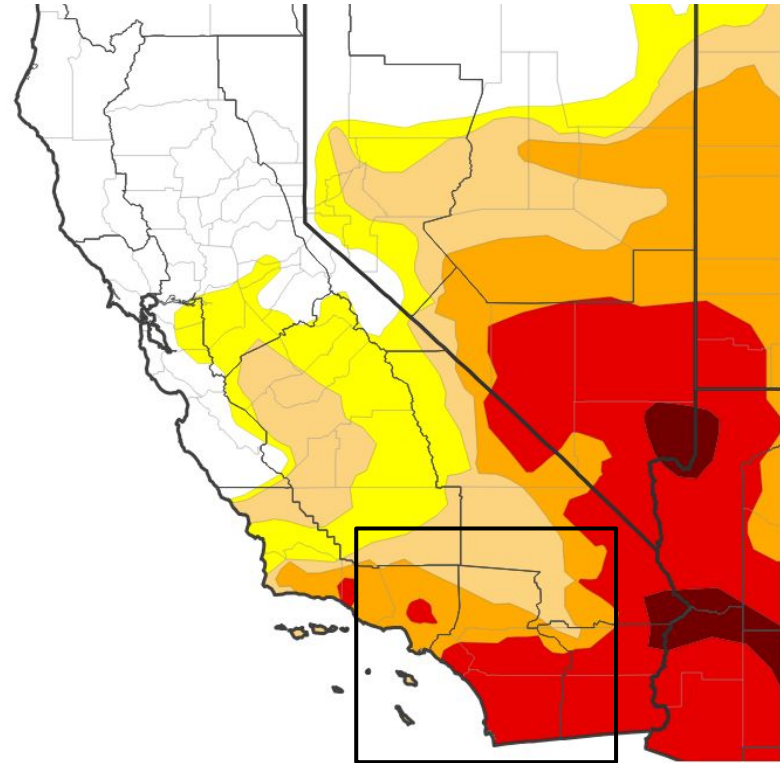
- Most of Southern California is in D3 extreme drought conditions
- Record driest start to the water year
- Rapid increase from D0 to D3 across Southern California due to a record dry start (driest at San Diego airport) to the water year
- Very warm conditions continue for mountains and deserts since summer 2024



# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for California and Nevada

- Drought intensity and Extent
  - **D4 (Exceptional Drought)**: No areas.
  - **D3 (Extreme Drought)**: All of San Diego County and most of Riverside and Orange counties.
  - **D2 (Severe Drought)**: Rest of Orange and Riverside counties and southwestern San Bernardino County.
  - **D1 (Moderate Drought)**: Far northern San Bernardino County.
  - **D0: (Abnormally Dry)**: N/A.



U.S. Drought Monitor



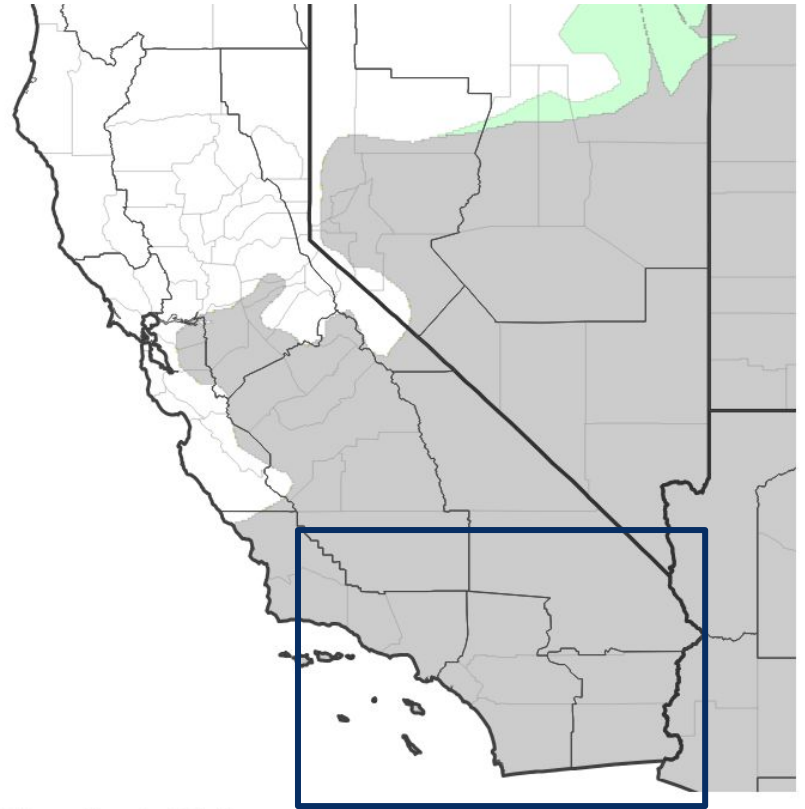


# Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for West

- **Four Week Drought Monitor Class Change**

- Drought Worsened: No worsened areas
- No Change: The [past week](#) there are no changes to the drought intensity for any locations
- Drought Improved: No improvement areas



Drought Change Since Last Week





# Precipitation past 30 days

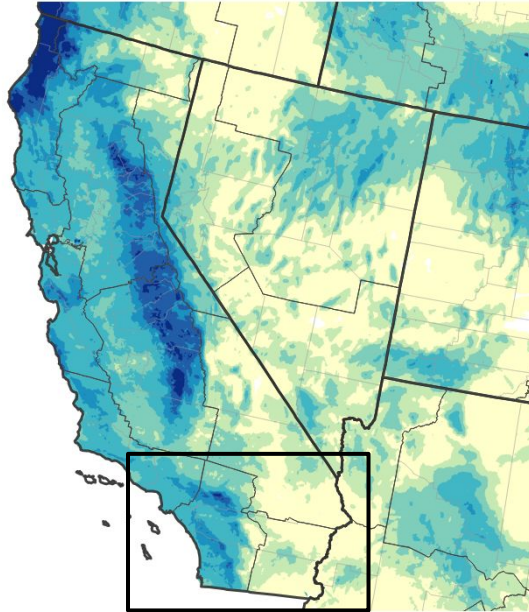
→ Light precipitation has occurred in southern California the past 30 days

7-day precipitation totals

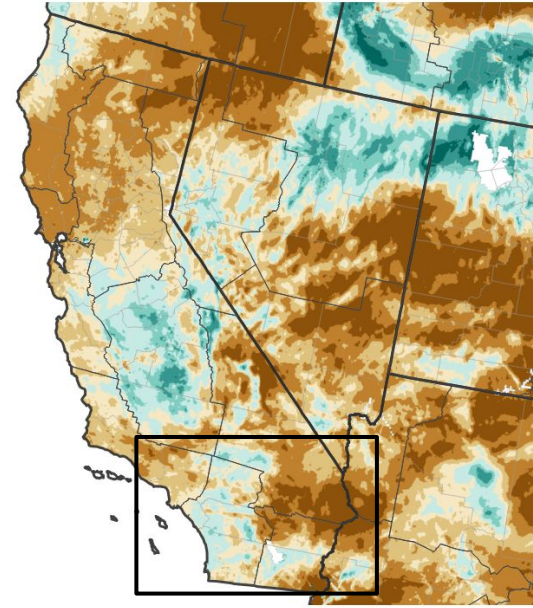
7-day percent of average precipitation

30-day percent of average precipitation

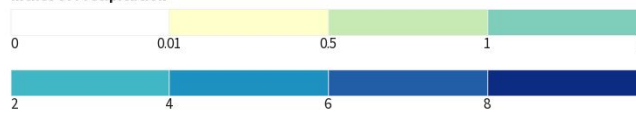
30-Day Precipitation Accumulations (Inches)



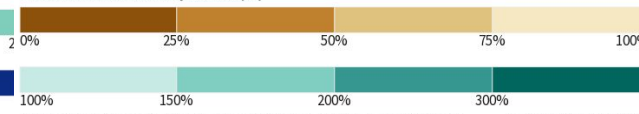
30-Day Percent of Normal Precipitation



Inches of Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; Image courtesy of Drought.gov

Last Updated: 03/13/25

Source(s): National Weather Service Multi-Radar Multi-Sensor System; Image courtesy of Drought.gov

Last Updated: 03/13/25



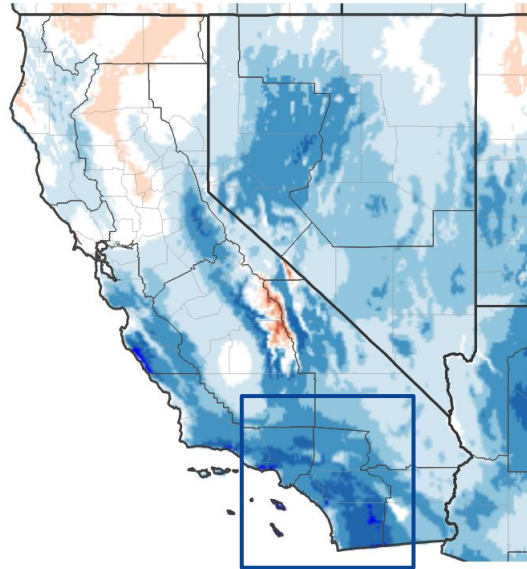


# Temperature

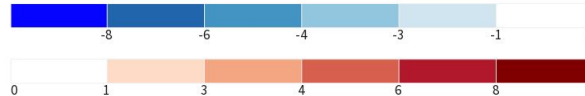
Link to [HPRCC](#) and [WRCC](#)

- Below normal temperatures during the past week
- Near normal to above normal temperatures past 30 days

7-Day Temperature Anomaly



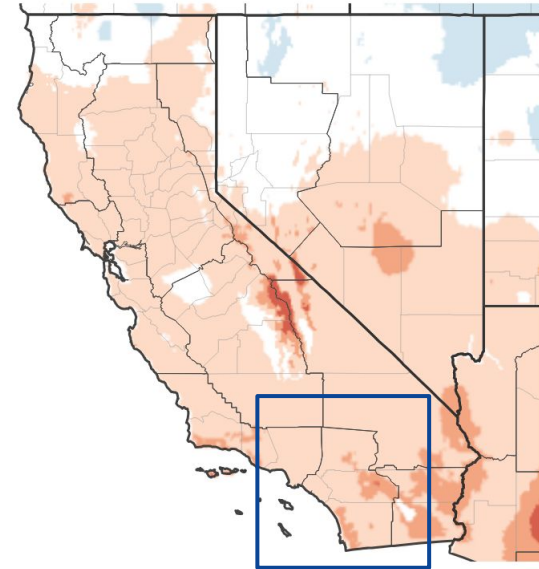
Departure from Normal Max Temperature (°F)



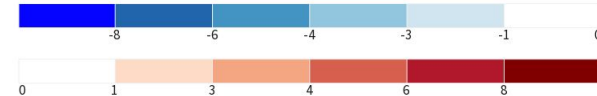
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 03/09/25

30-Day Temperature Anomaly



Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 03/09/25





# Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

## Hydrologic Impacts

- Dry soil and vegetation so very low soil moisture and water flow (below average stream flow).

## Agricultural Impacts

- Winter rains lacking for germination of seeds

## Fire Hazard Impacts

- Extreme (historical) dry fuel moisture and critical wildfire danger

## Other Impacts

- Limited to no snowpack and strain on outdoor recreation (5 ski snow play areas)

## Mitigation Actions

- Significant water use for snowmaking efforts and wildfire suppression





# Hydrologic Conditions and Impacts

→ Low water stream flow levels due to lack of precipitation

### California snowpack

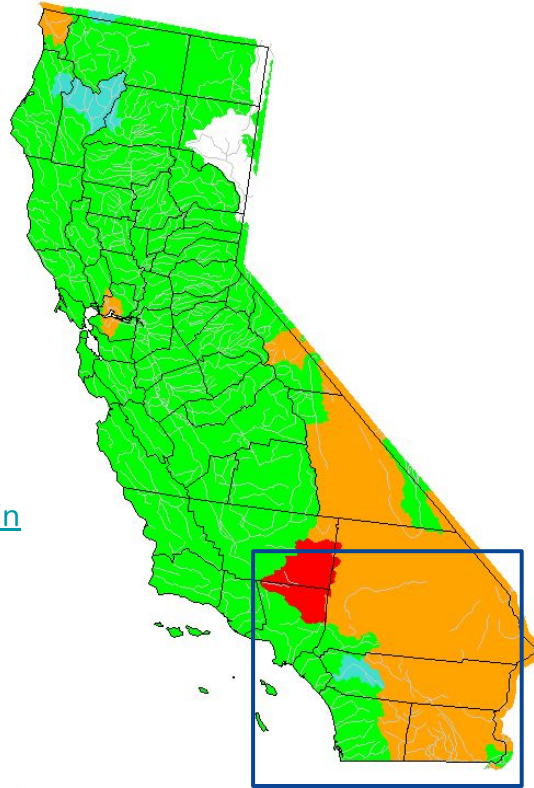
<https://cdec.water.ca.gov/snowapp/sweq.action>

### California water supply

<https://cdec.water.ca.gov/resapp/RescondMain>

### SoCal water supply

[https://www.bewaterwise.com/water\\_supply\\_conditions/water\\_supply\\_conditions.pdf](https://www.bewaterwise.com/water_supply_conditions/water_supply_conditions.pdf)



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Image Caption: USGS 7 day average streamflow HUC map valid February 2025

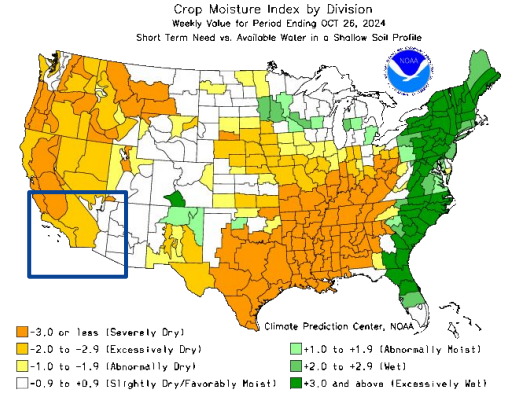
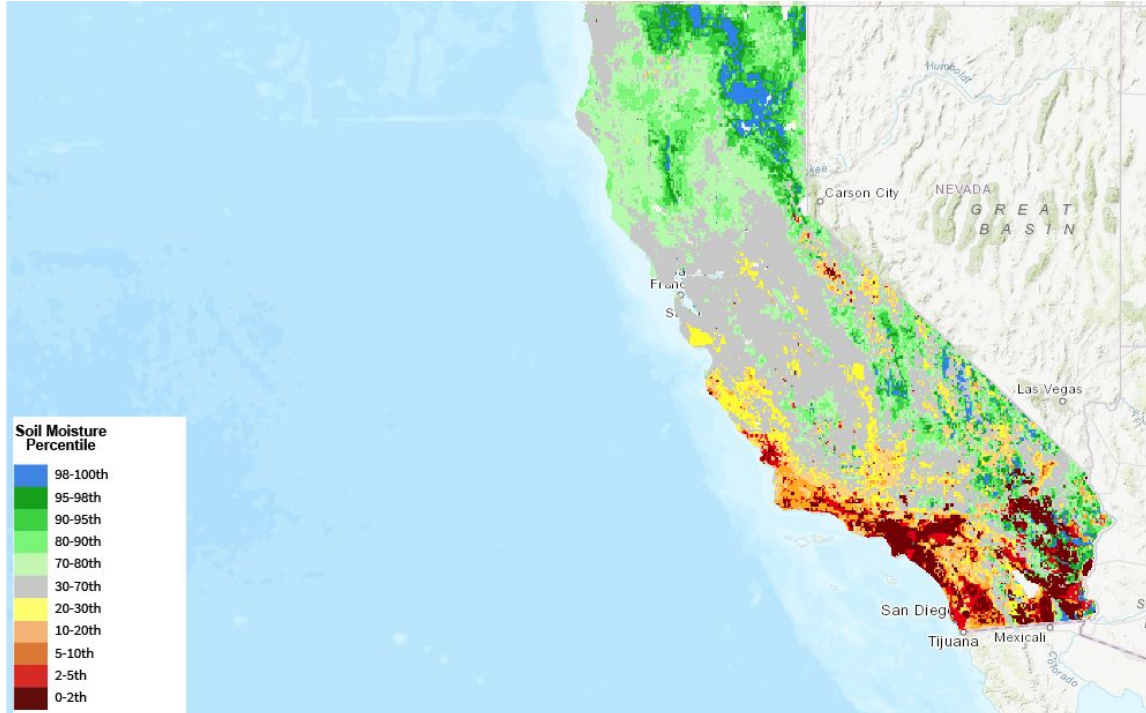




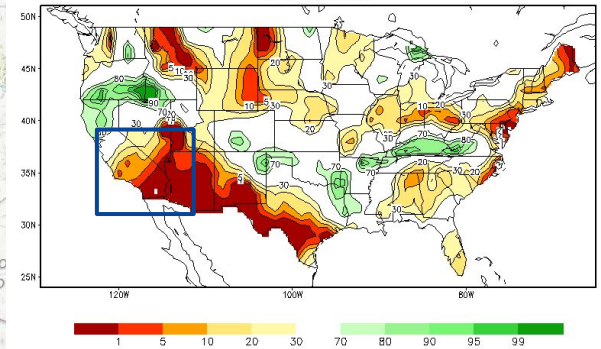
# Agricultural Impacts

California water watch

→ Very dry soil conditions in southern California



Calculated Soil Moisture Ranking Percentile  
MAR 12, 2025







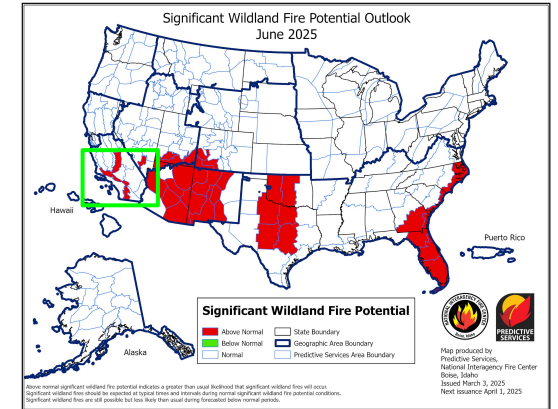
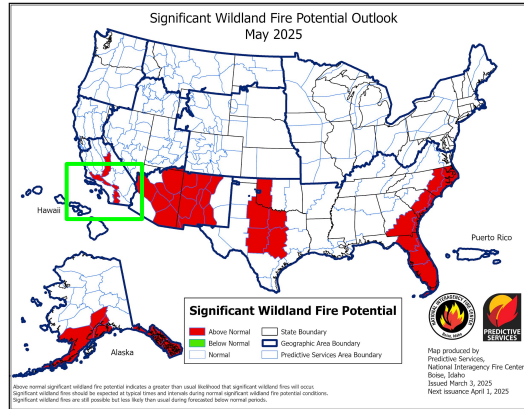
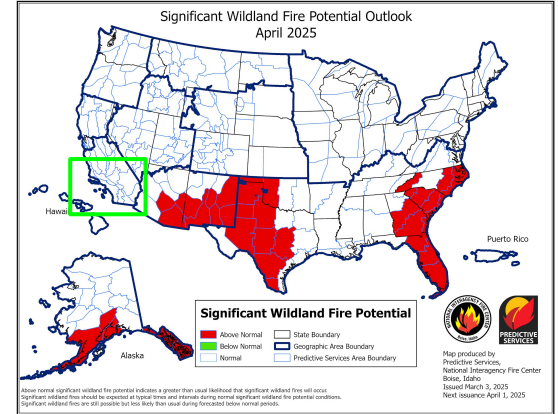
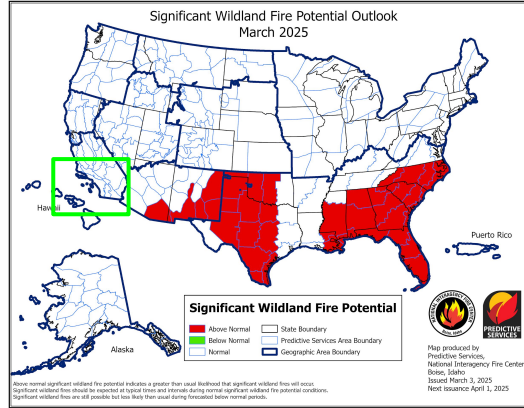
# Fire Hazard and Air Quality Impacts

Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

- ➔ Near normal fire danger continues
- ➔ High wildfire potential for spring due to the record dry start to the water year

Latest GACC South Ops fuel moisture available [here](#).

South Coast Air Quality and burn bans [here](#)

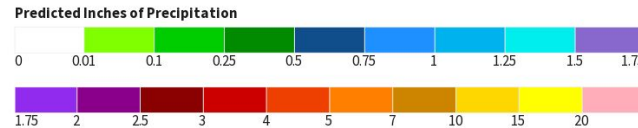
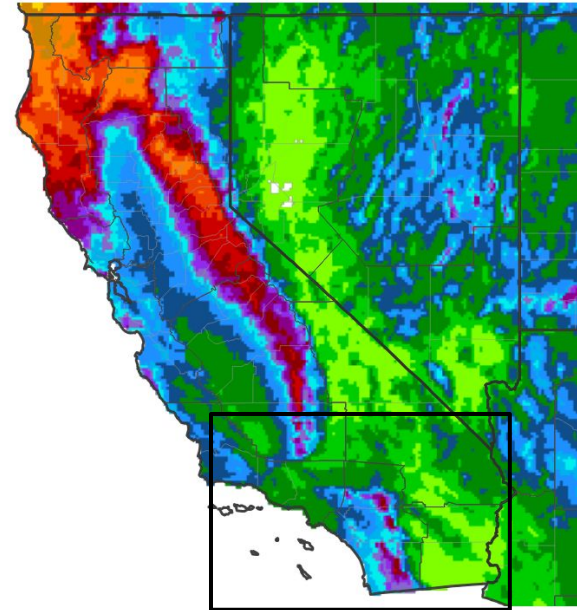




# Seven Day Precipitation Forecast

- Rainfall expected through next week
- Wetting precipitation for many locations

7-Day Quantitative Precipitation Forecast for March 13, 2025-March 20, 2025



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 03/13/25





# Rapid Onset Drought Outlook

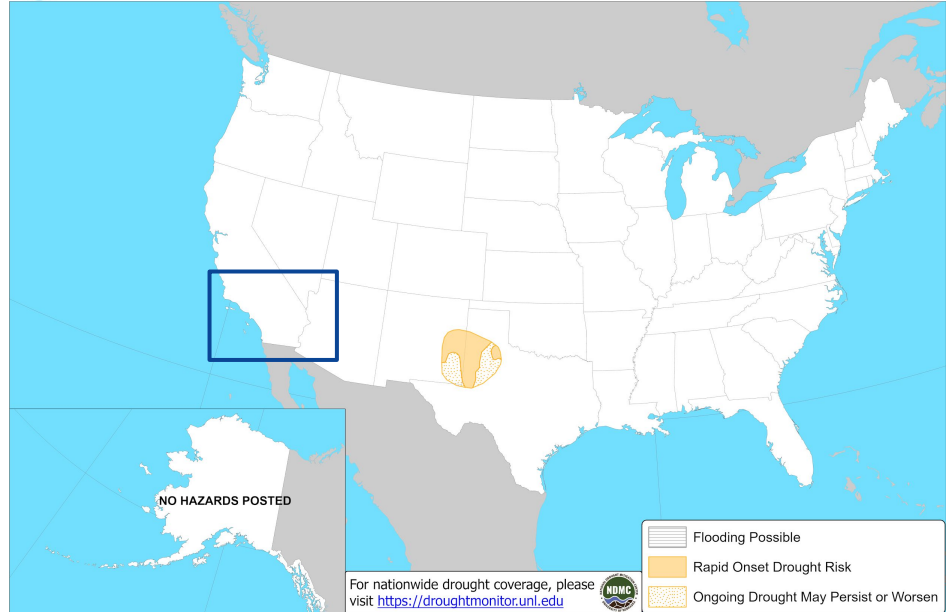
Links to the latest Climate Prediction Center **8 to 14 day** [Temperature Outlook](#) and [Precipitation Outlook](#).

- ➔ No significant threats next 2 weeks
- ➔ Additional precipitation for March expected for Southern California



## Days 8-14 U.S. Hazards Outlook

Valid: March 21 - 27, 2025



Climate Prediction Center

Released: March 13, 2025 3:00 PM EDT

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National Weather Service  
San Diego, CA



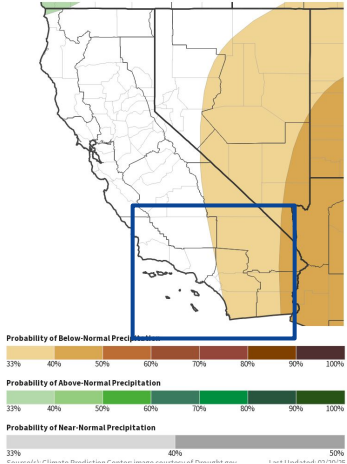
# Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

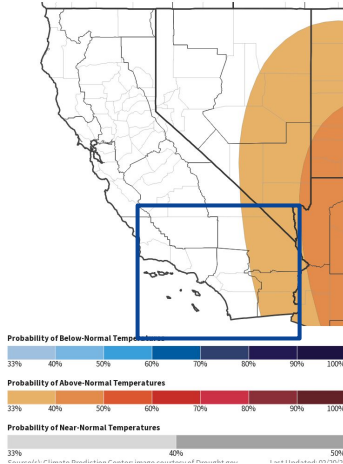
- ➔ March precipitation and temperature outlook - no significant signal in Southern California
- ➔ Below average precipitation in in the Spring

## 3-month precipitation and temperature outlook

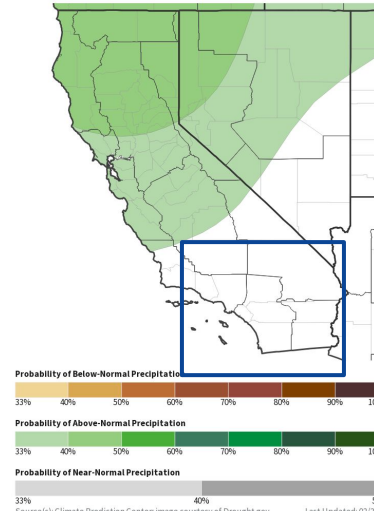
Seasonal (3-Month) Precipitation Outlook for March 1, 2025-May 31, 2025



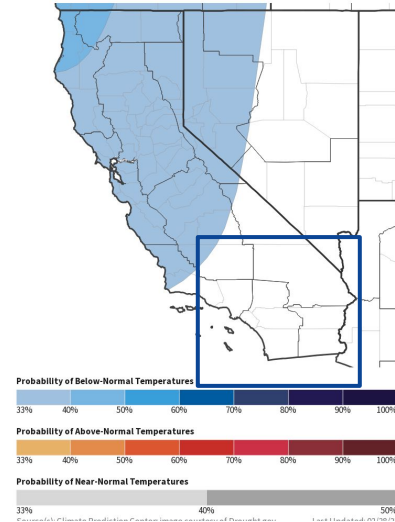
Seasonal (3-Month) Temperature Outlook for March 1, 2025-May 31, 2025



Monthly Precipitation Outlook for March 1, 2025-March 31, 2025



Monthly Temperature Outlook for March 1, 2025-March 31, 2025



## 1 month outlooks





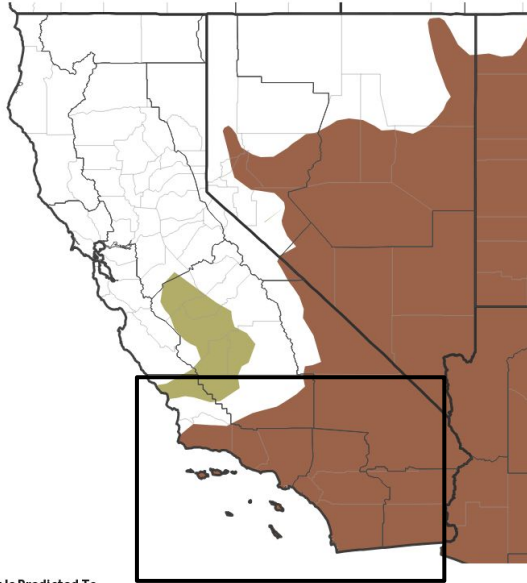
# Drought Outlook

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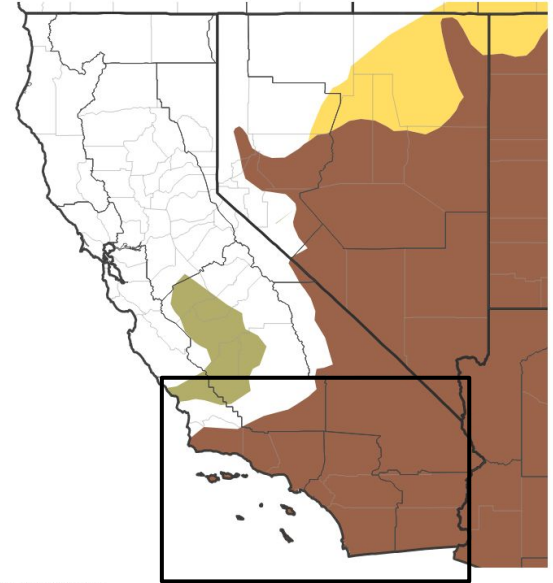
## Drought conditions persisting in Southern California

1-Month Drought Outlook for March 1, 2025–March 31, 2025



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 02/28/25

Seasonal (3-Month) Drought Outlook for February 28, 2025–May 31, 2025



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 02/28/25

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

