



# California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture  
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**WEEK ENDING: September 29, 2024**  
**RELEASED: September 30, 2024**

**FREQUENCY: Weekly**  
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## WEATHER

Temperature and precipitation information for California are not available this week.

## FIELD CROPS

In the Sacramento Valley, **rice** harvest continued while **corn** harvest slowed. Field preparation continued for planting **wheat**. In the San Joaquin Valley, **cotton** fields were prepared for defoliation and producers prepared equipment for harvest. Corn and **alfalfa** were chopped. In Tulare County, corn harvest continued. Cotton fields continued to progress as growers prepared for harvest. Irrigation was less of a necessity due to falling temperatures. **Black-eyed beans** fields continued to dry down. Some alfalfa fields were cut for hay, and others were greenchopped for local dairies.

## FRUIT CROPS

**Peach** and **nectarine** harvests continued to wind down. **Plum** and **pluot** late variety harvests continued. **Persimmons** were reaching mature size. **Pomegranate**, **fig**, and **prune** harvests continued. **Pear** harvest was winding down, while table and wine **grape** harvests continued. Some late table grape varieties were covered with plastic sheeting to protect the grapes from rain. **Kiwi** vineyards were being pruned and cleaned before harvest. **Lemon** harvest continued. Valencia **orange** harvest neared completion as the season was expected to finish well ahead of last year. Harvested citrus orchards were pruned, topped, and fertilized. New season citrus fruit continued to develop and increase in size. Citrus groves were being sprayed with fungicide, herbicide, and whitewash. Table **olive** harvest continued. **Raspberry**, **blackberry**, and **strawberry** harvests continued along the Central Coast.

## NUT CROPS

**Almond** harvest neared completion with orchard floors cleaned and trees shaken. **Pistachio** and **pecan** orchards were harvested. Early variety **walnut** harvest continued. Almonds, walnuts, and pistachios were being sprayed with herbicides and insecticides.

## VEGETABLE CROPS

Across California, processing **tomato** harvest continued to wind down. In the Sacramento Valley, organic tomatoes, melons, and seed crops were harvested. In the San Joaquin Valley, melon and **sweet potato** harvests continued. Tomatoes were sprayed with insecticides, herbicides, and fungicides. In the Central Valley, **kale**, **pumpkins**, **brussel sprouts**, **cucumbers**, **watermelon**, **cantaloupe**, **peppers**, **honeydew**, **sweet corn**, **zucchini**, **tomatillos**, **okra**, **eggplant**, tomatoes, **garlic**, **carrots**, **bell peppers**, and **onions** were harvested. Along the Central Coast, **broccoli**, brussel sprouts, **carrots**, **cauliflower**, **celery**, kale, garlic, **squash**, and **lettuce** continued to be harvested. Broccoli and brussel sprouts had some insect damage. In the Imperial Valley, eggplant, onions, melons, **chili peppers**, **green beans**, and sweet corn were harvested.

## LIVESTOCK

Rangeland and non-irrigated pasture were reported to be in poor to fair condition. Irrigated pasture remained in good condition. Some cattle were grazing on higher elevation range and supplemental feeding continued in the San Joaquin and Sacramento Valleys. Sheep grazed harvested melon and vegetable fields.

**CALIFORNIA CROP WEATHER – WEEK ENDING SEPTEMBER 29, 2024**

| STATIONS                  | TEMPERATURE                          |                                    |      |              | GROWING DEGREE DAYS AT 50 °F BASE |                          | RAIN DAYS <sup>1</sup>        | PRECIPITATION <sup>2</sup> |                      |                            |                          |
|---------------------------|--------------------------------------|------------------------------------|------|--------------|-----------------------------------|--------------------------|-------------------------------|----------------------------|----------------------|----------------------------|--------------------------|
|                           | Average for Week Ending Sep 29, 2024 | Departure from Normal <sup>3</sup> | High | Low          | This Year                         | Normal Year <sup>3</sup> | This Season                   | This Week                  | This Season          | Normal Season <sup>3</sup> | Normal Year <sup>3</sup> |
|                           |                                      |                                    |      |              | Jan 1 - Sep 29, 2024              | Jan 1 - Sep 29, 2024     | Oct 1 - Sep 29, 2024          | Week Ending Sep 29, 2024   | Oct 1 - Sep 29, 2024 | Oct 1 - Sep 29, 2024       | Oct 1 - Sept 30          |
| -- Degrees Fahrenheit --  |                                      |                                    |      | -- Number -- |                                   | -- Days --               | -- Inches of Precipitation -- |                            |                      |                            |                          |
| <b>North Coast</b>        |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Eureka WFO                | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 40.61                    |
| Ukiah                     | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 35.07                    |
| Santa Rosa                | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 34.00                    |
| Napa State Hospital       | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 20.36                    |
| <b>Central Coast</b>      |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| San Francisco             | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 19.77                    |
| San Jose                  | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 13.58                    |
| Salinas                   | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 12.66                    |
| Monterey                  | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 16.36                    |
| Paso Robles               | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 12.24                    |
| <b>Sacramento Valley</b>  |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Redding                   | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 33.70                    |
| Red Bluff                 | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 23.25                    |
| Orland                    | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 21.52                    |
| Oroville                  | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 25.84                    |
| Marysville                | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 20.21                    |
| Sacramento                | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 18.10                    |
| <b>San Joaquin Valley</b> |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Stockton                  | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 13.53                    |
| Modesto                   | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 12.34                    |
| Merced                    | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 11.87                    |
| Madera                    | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 10.86                    |
| Fresno                    | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 11.05                    |
| Lemoore                   | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 7.23                     |
| Visalia                   | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 10.37                    |
| Bakersfield               | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 6.40                     |
| <b>Cascade Sierra</b>     |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Alturas                   | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 11.72                    |
| Mount Shasta              | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 37.86                    |
| Blue Canyon               | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 62.80                    |
| Yosemite Valley           | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 40.65                    |
| <b>South Coast</b>        |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Santa Maria               | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 13.42                    |
| Santa Barbara             | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 17.38                    |
| Oxnard                    | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 13.05                    |
| Riverside                 | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 9.48                     |
| Los Angeles               | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 12.33                    |
| San Diego                 | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 9.87                     |
| <b>Southeast Interior</b> |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Bishop                    | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 4.87                     |
| Daggett                   | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 3.80                     |
| Lancaster                 | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 6.86                     |
| Thermal                   | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 2.98                     |
| Blythe                    | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 3.58                     |
| Imperial                  | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 2.39                     |

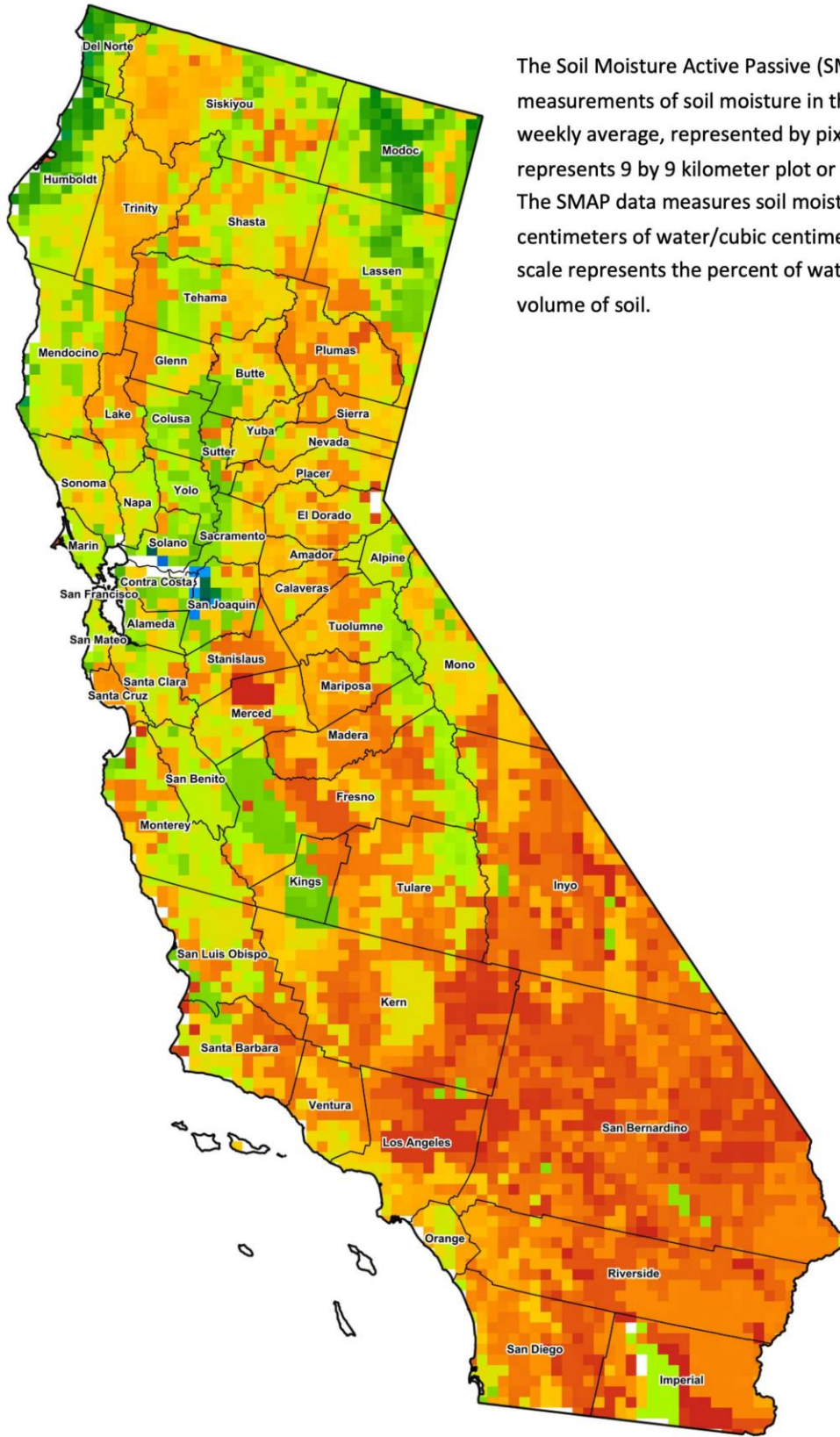
<sup>1</sup> Total number of days with precipitation events this season.  
<sup>2</sup> Rain or melted snow/ice.  
<sup>3</sup> Normal periods 1990-2020 used in departure from normal calculations.  
 (NA) Not available at time of publication.

Data retrieved from NOAA and NWS. Calculated by USDA NASS.  
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**Reservoir Data from the California Department of Water Resources**

| Reservoir             | Capacity  | Sep 29, 2024     |                     |                    | This Date Last Year |                     |
|-----------------------|-----------|------------------|---------------------|--------------------|---------------------|---------------------|
|                       |           | Storage          | Percent of Capacity | Percent of Average | Storage             | Percent of Capacity |
|                       |           | <i>Acre Feet</i> | <i>Percent</i>      | <i>Percent</i>     | <i>Acre Feet</i>    | <i>Percent</i>      |
| Shasta Lake           | 4,547,300 | 2,777,934        | 61                  | 109                | 3,336,225           | 73                  |
| Lake Oroville         | 3,537,400 | 1,895,935        | 54                  | 99                 | 2,608,401           | 74                  |
| Trinity Lake          | 2,443,800 | 1,724,825        | 70                  | 115                | 1,277,086           | 52                  |
| New Melones Reservoir | 2,413,000 | 1,824,422        | 76                  | 136                | 1,896,774           | 79                  |
| San Luis Reservoir    | 2,057,200 | 1,021,760        | 50                  | 118                | 1,656,824           | 81                  |
| Don Pedro Reservoir   | 2,030,000 | NA               | NA                  | NA                 | 1,720,891           | 85                  |

Source: [cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO](https://cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO)



The Soil Moisture Active Passive (SMAP) provides measurements of soil moisture in the root zone as a weekly average, represented by pixels. Each pixel represents 9 by 9 kilometer plot or about 20,000 acres. The SMAP data measures soil moisture in cubic centimeters of water/cubic centimeters of soil. The scale represents the percent of water in a given volume of soil.



**Drought Conditions from the U.S. Drought Monitor as of 9/24/2024**

| Time         | Percent of Land in Drought Rating |       |       |      |      |      | Drought Severity (DSCI) |
|--------------|-----------------------------------|-------|-------|------|------|------|-------------------------|
|              | None                              | D0    | D1    | D2   | D3   | D4   |                         |
| Current      | 28.59                             | 60.75 | 10.59 | 0.08 | 0.00 | 0.00 | 82                      |
| Last Week    | 28.59                             | 60.75 | 10.59 | 0.08 | 0.00 | 0.00 | 82                      |
| 3 Months Ago | 97.18                             | 2.82  | 0.00  | 0.00 | 0.00 | 0.00 | 3                       |
| One Year Ago | 94.01                             | 5.93  | 0.07  | 0.00 | 0.00 | 0.00 | 6                       |

The U.S. Drought Monitor is jointly produced by the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture, and the National Oceanic and Atmospheric Administration. [droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA](http://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA)