



# California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture  
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**WEEK ENDING: June 16, 2024**  
**RELEASED: June 17, 2024**

**FREQUENCY: Weekly**  
**VOL. 44 NO. 64**

## WEATHER

Average low temperatures for California ranged from 32 to 66 in the mountains, 47 to 63 along the coast, 54 to 75 in the Central Valley, and 54 to 79 in the desert. Average high temperatures for the state ranged from 58 to 101 along the coast, 62 to 91 in the mountains, 86 to 107 in the Central Valley, and 92 to 113 in the desert. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 0.4 inches compared to 6.1 inches this date last year; Central Sierra was 0.1 inches compared to 10.2 inches this date last year; Southern Sierra was 0.1 inches compared to 10.3 inches this date last year.

## FIELD CROPS

In the Sacramento Valley, **rice** fields continued to emerge. Fertilizer and herbicides were applied. **Wheat** harvest continued, and weeds were treated in **dry bean** fields. In the San Joaquin Valley, **cotton** fields were irrigated, and some fields were treated for light lygus pressure. In Tulare County, **corn**, **cotton**, and **sorghum** fields continued to grow, with some fields left fallow due to the cost of water. **Alfalfa** fields were cut, raked, and baled. Forage crops were treated with aerial pesticide applications. In Imperial County, wheat continued to grow, and hay was baled.

## FRUIT CROPS

Fruit orchards were fertilized and sprayed with fungicides, herbicides, and insecticides. Irrigation season was in full swing due to warmer temperatures. Fruit development continued in **grape** and **kiwi** vineyards. Grape vines were pruned to allow air flow. Grape harvest continued in the Coachella Valley. Breba **fig** harvest began. **Apricot** harvest neared completion. **Peach**, **plum**, and **nectarine** harvests were in full swing. Plum, **prune**, and peach orchards were pruned and thinned to promote fruit growth. **Persimmons**, **pomegranates**, and Asian **pears** continued to develop. Citrus groves were sprayed with whitewash to prevent sunburn. Some netting was removed from seedless **mandarin** and **tangerine** orchards. Valencia **orange** harvest continued and Navel orange harvest neared completion. **Grapefruit**, **mandarin**, **minneola**, and **lemon** harvests continued. **Olive** bloom finished and fruit began to develop. **Blueberry** and **blackberry** harvests continued. **Raspberry** harvest started to pick up along the Central Coast. **Strawberry** harvest continued along the Central Coast. **Avocado** harvest continued in Ventura County.

## NUT CROPS

Warm summer temperatures increased the presence of pests. Growers continued to apply fungicides, herbicides, and insecticides as needed. As hull split approached for early variety **almonds** growers ceased nitrogen applications. Some growers applied sun protectant in **walnut** groves. Walnuts were sizing well. Husk fly traps remained in walnut groves and codling moth presence increased. **Pistachio** shells began to harden, and potassium and nitrogen applications continued.

## VEGETABLE CROPS

In the Sacramento Valley, processing **tomatoes** were growing well, and weeds were treated in **melon** fields. In San Mateo County, fumigation of fields continued in preparation for planting brussel sprouts. **Pumpkin** planting began. In the San Joaquin Valley, **carrots** were planted. In the Central Valley, **onions**, **zucchini**, **eggplant**, **squash**, **sweet corn**, melons, and **garlic** continued to develop. Along the Central Coast, **broccoli**, **brussels sprouts**, **cauliflower**, **celery**, eggplant, **kale**, garlic, squash, and **lettuce** continued to be harvested. Quality issues were reported in broccoli and leaf lettuce fields. In the Imperial Valley, **bell peppers**, carrots, eggplant, onions, melons, **chili peppers**, **green beans**, and sweet corn were harvested.

## LIVESTOCK

Rangeland and non-irrigated pasture were reported to be in fair to good condition. Non-irrigated pasture was drying out in many locations with the hot weather. Irrigated pasture was in good to excellent condition. Bees were active in melon fields. Sheep grazed on fallow fields, retired farmland, and orchard weeds. Some cattle were moved to upper elevation range. Heat stress mitigation measures, including fans and sprinklers, were utilized at some dairies in the San Joaquin Valley.

**CALIFORNIA CROP WEATHER – WEEK ENDING JUNE 16, 2024**

| STATIONS                  | TEMPERATURE                          |                                    |      |              | GROWING DEGREE DAYS AT 50 °F BASE |                          | RAIN DAYS <sup>1</sup>        | PRECIPITATION <sup>2</sup> |                      |                            |                          |
|---------------------------|--------------------------------------|------------------------------------|------|--------------|-----------------------------------|--------------------------|-------------------------------|----------------------------|----------------------|----------------------------|--------------------------|
|                           | Average for Week Ending Jun 16, 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 - Jun 16, 2024              | Jan 1 - Jun 16, 2024     | Oct 1 - Jun 16, 2024          | Week Ending Jun 16, 2024   | Oct 1 - Jun 16, 2024 | Oct 1 - Jun 16, 2024       | Oct 1 - Sept 30          |
| -- Degrees Fahrenheit --  |                                      |                                    |      | -- Number -- |                                   | -- Days --               | -- Inches of Precipitation -- |                            |                      |                            |                          |
| <b>North Coast</b>        |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Eureka WFO                | 54                                   | -2                                 | 64   | 48           | NA                                | NA                       | NA                            | 0.01                       | NA                   | NA                         | 40.61                    |
| Ukiah                     | 75                                   | 7                                  | 100  | 53           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 35.07                    |
| Santa Rosa                | 66                                   | 0                                  | 97   | 47           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 34.00                    |
| Napa State Hospital       | 64                                   | -1                                 | 91   | 50           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 20.36                    |
| <b>Central Coast</b>      |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| San Francisco             | 61                                   | -1                                 | 81   | 52           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 19.77                    |
| San Jose                  | 70                                   | 3                                  | 92   | 53           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 13.58                    |
| Salinas                   | 61                                   | 0                                  | 79   | 53           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 12.66                    |
| Monterey                  | 57                                   | -3                                 | 75   | 50           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 16.36                    |
| Paso Robles               | 70                                   | 1                                  | 101  | 49           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 12.24                    |
| <b>Sacramento Valley</b>  |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Redding                   | 85                                   | 9                                  | 107  | 66           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 33.70                    |
| Red Bluff                 | 83                                   | 7                                  | 107  | 62           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 23.25                    |
| Orland                    | 81                                   | 7                                  | 106  | 62           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 21.52                    |
| Oroville                  | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 25.84                    |
| Marysville                | 79                                   | 6                                  | 103  | 57           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 20.21                    |
| Sacramento                | 76                                   | 4                                  | 102  | 57           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 18.10                    |
| <b>San Joaquin Valley</b> |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Stockton                  | 77                                   | 4                                  | 102  | 54           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 13.53                    |
| Modesto                   | 78                                   | 4                                  | 98   | 57           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 12.34                    |
| Merced                    | 79                                   | 6                                  | 101  | 58           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 11.87                    |
| Madera                    | 79                                   | 5                                  | 103  | 56           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 10.86                    |
| Fresno                    | 83                                   | 6                                  | 104  | 64           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 11.05                    |
| Lemoore                   | NA                                   | NA                                 | NA   | NA           | NA                                | NA                       | NA                            | NA                         | NA                   | NA                         | 7.23                     |
| Visalia                   | 83                                   | 9                                  | 101  | 65           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 10.37                    |
| Bakersfield               | 85                                   | 7                                  | 105  | 68           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 6.40                     |
| <b>Cascade Sierra</b>     |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Alturas                   | 66                                   | 7                                  | 91   | 41           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 11.72                    |
| Mount Shasta              | 69                                   | 8                                  | 90   | 51           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 37.86                    |
| Blue Canyon               | 71                                   | 10                                 | 83   | 62           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 62.80                    |
| Yosemite Valley           | 67                                   | 2                                  | 79   | 55           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 40.65                    |
| <b>South Coast</b>        |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Santa Maria               | 61                                   | 0                                  | 74   | 51           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 13.42                    |
| Santa Barbara             | 62                                   | 0                                  | 69   | 52           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 17.38                    |
| Oxnard                    | 63                                   | 0                                  | 68   | 57           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 13.05                    |
| Riverside                 | 73                                   | 1                                  | 91   | 57           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 9.48                     |
| Los Angeles               | 64                                   | -2                                 | 72   | 58           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 12.33                    |
| San Diego                 | 66                                   | -1                                 | 72   | 62           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 9.87                     |
| <b>Southeast Interior</b> |                                      |                                    |      |              |                                   |                          |                               |                            |                      |                            |                          |
| Bishop                    | 78                                   | 6                                  | 102  | 54           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 4.87                     |
| Daggett                   | 88                                   | 5                                  | 107  | 67           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 3.80                     |
| Lancaster                 | 82                                   | 6                                  | 102  | 58           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 6.86                     |
| Thermal                   | 89                                   | 4                                  | 113  | 63           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 2.98                     |
| Blythe                    | 93                                   | 5                                  | 111  | 73           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 3.58                     |
| Imperial                  | 89                                   | 3                                  | 110  | 69           | NA                                | NA                       | NA                            | 0.00                       | NA                   | NA                         | 2.39                     |

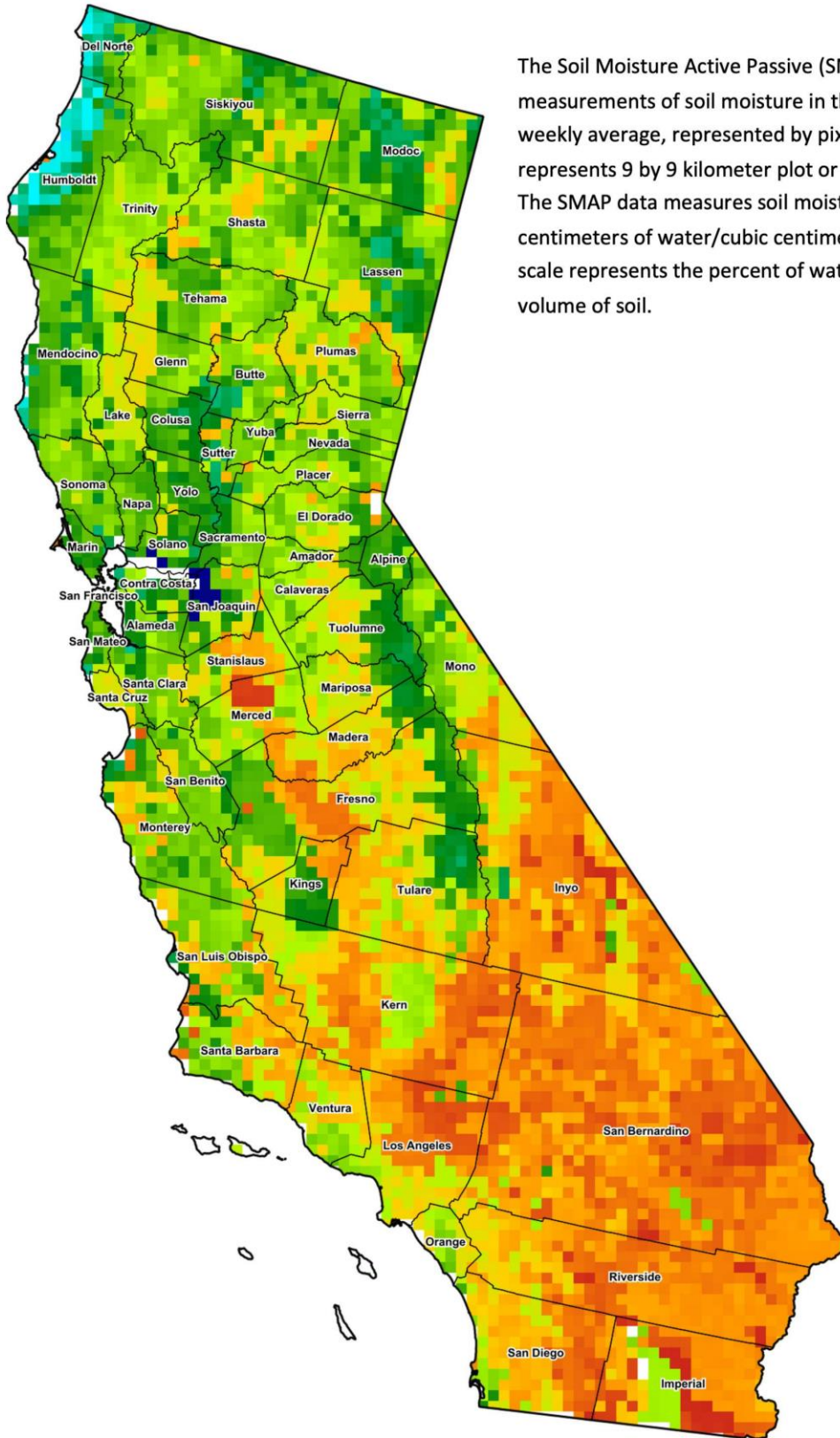
<sup>1</sup> Total number of days with precipitation events this season.  
<sup>2</sup> Rain or melted snow/ice.  
<sup>3</sup> Normal periods 1990-2020 used in departure from normal calculations.  
 (NA) Not available at time of publication.

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  | June 16, 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 | 4,183,732        | 92                  | 114                | 4,399,786           | 97                  |
| Lake Oroville         | 3,537,400 | 3,488,663        | 99                  | 127                | 3,523,051           | 100                 |
| Trinity Lake          | 2,443,800 | 2,092,897        | 86                  | 110                | 1,398,722           | 57                  |
| New Melones Reservoir | 2,413,000 | 2,085,742        | 87                  | 139                | 1,970,934           | 82                  |
| San Luis Reservoir    | 2,057,200 | 1,108,718        | 54                  | 89                 | 2,018,186           | 99                  |
| Don Pedro Reservoir   | 2,030,000 | 1,952,162        | 96                  | 118                | 1,685,791           | 83                  |

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



**Drought Conditions from the U.S. Drought Monitor as of 6/11/2024**

| Time         | Percent of Land in Drought Rating |       |      |      |      |      | Drought Severity (DSCI) |
|--------------|-----------------------------------|-------|------|------|------|------|-------------------------|
|              | None                              | D0    | D1   | D2   | D3   | D4   |                         |
| Current      | 98.79                             | 1.21  | 0.00 | 0.00 | 0.00 | 0.00 | 1                       |
| Last Week    | 98.78                             | 1.22  | 0.00 | 0.00 | 0.00 | 0.00 | 1                       |
| 3 Months Ago | 95.46                             | 4.54  | 0.00 | 0.00 | 0.00 | 0.00 | 5                       |
| One Year Ago | 72.32                             | 23.05 | 4.63 | 0.00 | 0.00 | 0.00 | 32                      |

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)