



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
Pacific Region • P.O. Box 1258 • Sacramento, CA 95812 • (916) 738-6600 • (855) 270-2722 FAX • www.nass.usda.gov/ca

WEEK ENDING: November 6, 2022
RELEASED: November 7, 2022

FREQUENCY: Weekly
VOL. 43 NO. 32

WEATHER

Average lows for California ranged from 6 to 54 in the mountains, 26 to 60 in the desert, 31 to 63 along the coast, and 34 to 54 in the valley. Average highs for the state ranged from 29 to 82 in the mountains, 49 to 86 in the desert, 51 to 87 along the coast, and 51 to 84 in the Central Valley.

FIELD CROPS

In the Sacramento Valley, **rice** harvest was almost complete. Rice straw that was not baled was rained on. Planting of winter **wheat** continued, and groundwork ramped up. In the San Joaquin Valley, **cotton** harvest progressed and was nearly complete. Cotton ginning continued. In Stanislaus County, winter wheat continued to emerge. **Alfalfa** hay and alfalfa silage were harvested. In Tulare County, cotton harvest continued. Harvested **corn** silage fields were fertilized, tilled, and planted with winter grains. Manure was spread between crop rotations. Alfalfa continued to be irrigated, cut, dried, and baled. **Sudan** grass was cut, dried, and baled. Fields were prepared for winter crops across the state.

FRUIT CROPS

Stone fruit was pruned to prepare for the dormant season. **Pomegranate, persimmon, pummelo, grapefruit,** and table **grape** harvests continued. **Tangerines** and **quince** steadily developed. Old citrus groves were removed. Valencia **orange** and **lemon** harvests began. **Olives** were harvested.

Nut Crops

Almond orchard post-harvest pruning took place. **Walnut** harvest began to wrap up for the season.

VEGETABLE CROPS

Stanislaus County **broccoli** harvest began, and sweet **potato** harvest continued. Yellow **squash** and **eggplant** harvest continued in the Central Valley. **Bok Choy, cabbage, spinach, celery, lettuce,** and **parsley** were planted along the Central Coast. Lettuce harvest and quality issues continued in the Salinas Valley. Bell **pepper** harvest in the Coachella Valley was in full swing.

LIVESTOCK

The condition of rangeland and non-irrigated pasture was fair to poor. Rangeland grasses were beginning to sprout in the foothills. Irrigated range remained in good condition. Supplemental feeding of cattle continued. Movement of cattle down from higher elevation range was underway. Sheep grazed on retired cropland, harvested grain fields, and some alfalfa fields. Bee hives continued to be moved into the state for overwintering and preparation for spring pollination.

NOTICE: USDA NASS has changed the base temperature used to calculate growing degree days (found in the table below) from 60 °F to 50 °F.

| CALIFORNIA CROP WEATHER – WEEK ENDING NOVEMBER 6, 2022 | | | | | | | | | | | |
|--|-------------------------------------|------------------------------------|------|--------------|--|--------------------------|-------------------------------|----------------------------|---------------------|----------------------------|--------------------------|
| STATIONS | TEMPERATURE | | | | GROWING DEGREE DAYS AT 50 °F BASE ¹ | | RAIN DAYS ² | PRECIPITATION ³ | | | |
| | Average for Week Ending Nov 6, 2022 | Departure from Normal ⁴ | High | Low | This Year | Normal Year ⁴ | This Season | This Week | This Season | Normal Season ⁴ | Normal Year ⁴ |
| | | | | | Jan 1 - Nov 6, 2022 | Jan 1 - Nov 6, 2022 | Oct 1 - Nov 6, 2022 | Week Ending Nov 6, 2022 | Oct 1 - Nov 6, 2022 | Oct 1 - Nov 6 | Oct 1 - Sept 30 |
| -- Degrees Fahrenheit -- | | | | -- Number -- | | -- Days -- | -- Inches of Precipitation -- | | | | |
| North Coast | | | | | | | | | | | |
| Eureka WFO | 48 | -4 | 61 | 34 | 1,457 | 1,292 | 12 | 3.47 | 3.62 | 3.01 | 40.61 |
| Ukiah | 52 | -4 | 75 | 31 | 4,317 | 3,890 | 4 | 0.83 | 0.83 | 2.29 | 35.07 |
| Santa Rosa | 52 | -5 | 71 | 31 | 3,568 | 3,226 | 5 | 0.35 | 0.36 | 2.19 | 34.00 |
| Napa State Hospital | 53 | -3 | 66 | 32 | 3,353 | 3,076 | 3 | 0.20 | 0.20 | 1.25 | 20.36 |
| Central Coast | | | | | | | | | | | |
| San Francisco | 56 | -3 | 64 | 45 | 3,363 | 3,170 | 5 | 0.33 | 0.34 | 1.07 | 19.77 |
| San Jose | 56 | -4 | 69 | 44 | 4,331 | 3,927 | 4 | 0.46 | 0.46 | 0.72 | 13.58 |
| Salinas | NA | NA | NA | NA | NA | 2,961 | NA | NA | NA | 0.79 | 12.66 |
| Monterey | 54 | -4 | 64 | 43 | 2,965 | 2,642 | 1 | 0.11 | 0.11 | 1.08 | 16.36 |
| Paso Robles | 51 | -6 | 70 | 32 | 4,705 | 3,916 | 1 | 0.05 | 0.05 | 0.70 | 12.24 |
| Sacramento Valley | | | | | | | | | | | |
| Redding | 52 | -5 | 76 | 39 | 5,974 | 5,204 | 4 | 1.17 | 1.17 | 2.44 | 33.70 |
| Red Bluff | 52 | -6 | 74 | 39 | 5,914 | 5,137 | 3 | 1.07 | 1.07 | 1.42 | 23.25 |
| Orland | NA | NA | NA | NA | NA | 4,837 | NA | NA | NA | 1.23 | 21.52 |
| Oroville | 56 | -2 | 74 | 37 | 5,853 | 5,050 | 4 | 0.29 | 0.29 | 1.95 | 25.84 |
| Marysville | 54 | -3 | 73 | 36 | 5,340 | 4,724 | 1 | 0.24 | 0.24 | 1.39 | 20.21 |
| Sacramento | 55 | -2 | 71 | 37 | 5,355 | 4,441 | 1 | 0.18 | 0.18 | 1.10 | 18.10 |
| San Joaquin Valley | | | | | | | | | | | |
| Stockton | 55 | -4 | 71 | 38 | 5,353 | 4,955 | 2 | 0.27 | 0.27 | 0.91 | 13.53 |
| Modesto | 53 | -6 | 70 | 37 | 5,308 | 5,013 | 3 | 0.34 | 0.34 | 0.71 | 12.34 |
| Merced Macready | 54 | -4 | 72 | 38 | 5,548 | 4,831 | 2 | 0.37 | 0.37 | 0.83 | 11.87 |
| Madera | 54 | -5 | 70 | 38 | 5,395 | 5,094 | 3 | 0.18 | 0.18 | 0.58 | 10.86 |
| Fresno | 55 | -5 | 72 | 41 | 6,553 | 5,670 | 3 | 0.18 | 0.18 | 0.71 | 11.05 |
| Lemoore | 53 | -5 | 71 | 34 | 5,866 | 5,085 | 1 | 0.01 | 0.01 | 0.53 | 7.23 |
| Visalia | 55 | -3 | 73 | 37 | 5,812 | 5,072 | 0 | 0.00 | 0.00 | 0.74 | 10.37 |
| Bakersfield | 57 | -4 | 76 | 41 | 6,628 | 6,003 | 3 | 0.27 | 0.27 | 0.36 | 6.40 |
| Cascade Sierra | | | | | | | | | | | |
| Alturas | 35 | -7 | 68 | 6 | 2,085 | 1,783 | 5 | 0.93 | 1.09 | 1.11 | 11.72 |
| Mount Shasta | 40 | -5 | 67 | 27 | 2,810 | 2,099 | 5 | 1.32 | 1.42 | 2.57 | 37.86 |
| Blue Canyon | 39 | -11 | 60 | 25 | 3,061 | 2,416 | 6 | 2.38 | 2.39 | 4.69 | 62.80 |
| Yosemite Valley | NA | NA | NA | NA | NA | 2,970 | NA | NA | NA | 2.91 | 40.65 |
| South Coast | | | | | | | | | | | |
| Santa Maria | 54 | -6 | 68 | 38 | 3,060 | 3,089 | 1 | 0.01 | 0.01 | 0.72 | 13.42 |
| Santa Barbara | 57 | -3 | 70 | 39 | 3,769 | 3,325 | 2 | 0.02 | 0.05 | 0.94 | 17.38 |
| Oxnard | 57 | -5 | 68 | 45 | 3,858 | 3,822 | 4 | 0.04 | 0.10 | 0.57 | 13.05 |
| Riverside | 61 | -4 | 87 | 44 | 6,479 | 5,684 | 3 | 0.05 | 0.25 | 0.41 | 9.48 |
| Los Angeles | 62 | -3 | 75 | 50 | 5,129 | 4,598 | 5 | 0.18 | 0.42 | 0.60 | 12.33 |
| San Diego | 62 | -3 | 77 | 48 | 4,856 | 4,987 | 5 | 0.07 | 0.16 | 0.61 | 9.87 |
| Southeast Interior | | | | | | | | | | | |
| Bishop | 47 | -4 | 70 | 26 | 4,337 | 3,846 | 1 | 0.01 | 0.01 | 0.40 | 4.87 |
| Daggett | 59 | -2 | 80 | 38 | 7,417 | 6,726 | 1 | 0.00 | 0.15 | 0.27 | 3.80 |
| Lancaster | 54 | -2 | 77 | 29 | 5,822 | 4,965 | 2 | 0.02 | 0.02 | 0.39 | 6.86 |
| Thermal | 62 | -5 | 86 | 42 | 8,463 | 8,030 | 3 | 0.00 | 0.54 | 0.21 | 2.98 |
| Blythe | 63 | -5 | 85 | 45 | 9,073 | 8,666 | 3 | 0.00 | 0.95 | 0.18 | 3.58 |
| Imperial | 64 | -4 | 86 | 47 | 8,755 | 8,378 | 0 | 0.00 | 0.00 | 0.20 | 2.39 |

¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report. Additionally, degree days were previously calculated using a base of 60 degrees. The base temperature was changed to 50 degrees in the April 4, 2022 report.

² Total number of days with precipitation events this season.

³ Rain or melted snow/ice.

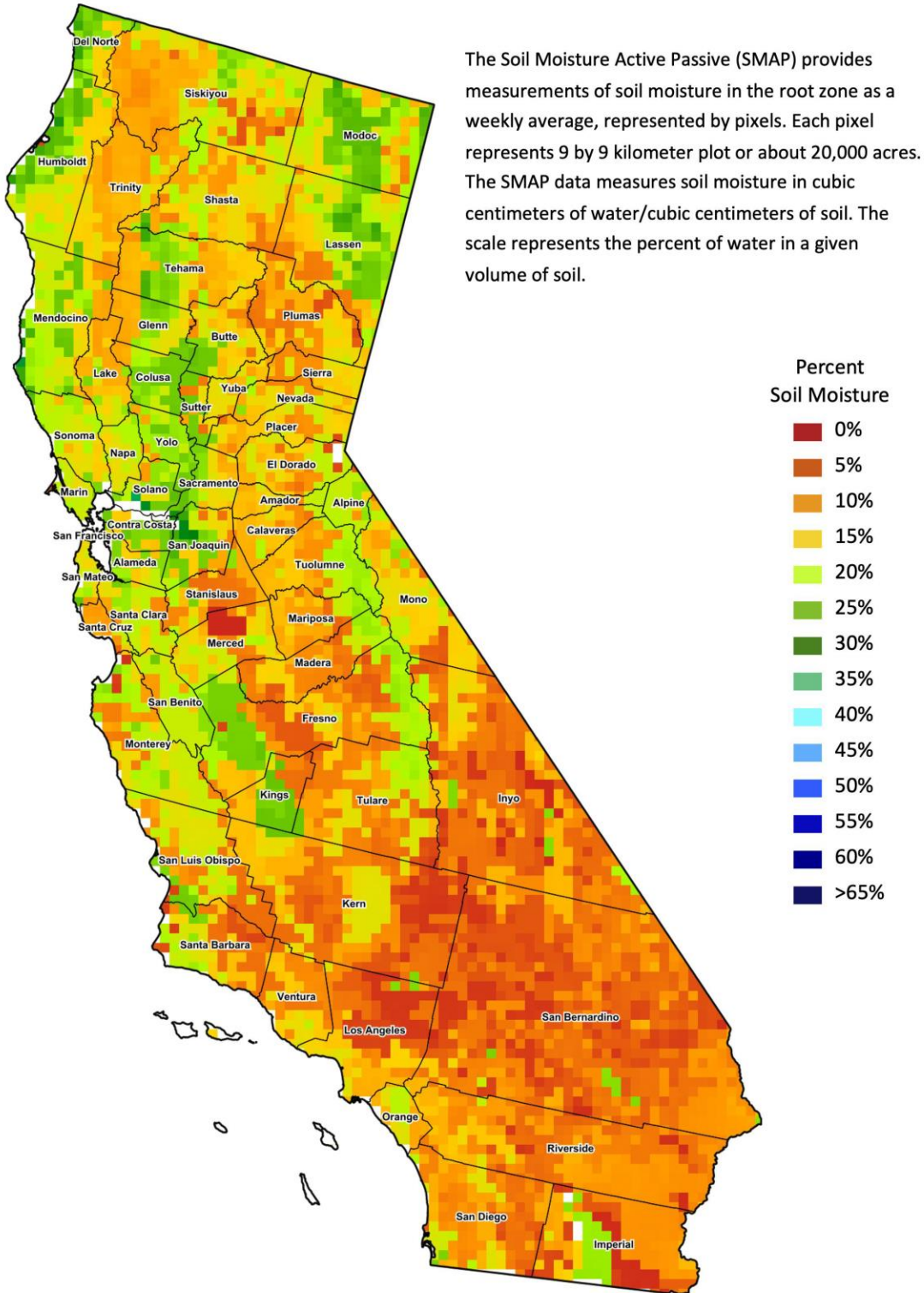
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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 | November 5, 2022 | | | 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 | 1,406,037 | 31 | 58 | 1,020,191 | 22 |
| Lake Oroville | 3,537,400 | 1,079,376 | 31 | 60 | 990,393 | 28 |
| Trinity Lake | 2,443,800 | 533,411 | 22 | 38 | 684,366 | 28 |
| New Melones Reservoir | 2,413,000 | 583,617 | 24 | 45 | 830,028 | 35 |
| San Luis Reservoir | 2,057,200 | 494,031 | 24 | 53 | 326,308 | 16 |
| Don Pedro Reservoir | 4,547,300 | 1,002,389 | 49 | 75 | 997,357 | 49 |

Source: cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO



Drought Conditions from the U.S. Drought Monitor

| Time | Percent of Land in Drought Rating | | | | | | Drought Severity (DSCI) |
|--------------|-----------------------------------|------|------|-------|-------|-------|-------------------------|
| | None | D0 | D1 | D2 | D3 | D4 | |
| Current | 0.00 | 0.23 | 7.94 | 48.76 | 26.50 | 16.57 | 351 |
| Last Week | 0.00 | 0.23 | 7.94 | 48.76 | 26.50 | 16.57 | 351 |
| 3 Months Ago | 0.00 | 0.22 | 2.31 | 37.66 | 47.70 | 12.12 | 369 |
| One Year Ago | 0.00 | 0.00 | 6.19 | 10.48 | 44.59 | 38.74 | 416 |

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