



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: October 23, 2022
RELEASED: October 24, 2022

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 22 to 62 in the mountains, 38 to 70 along the coast, 39 to 69 in the desert, and 45 to 65 in the Central Valley. Average highs for the state ranged from 48 to 82 in the mountains, 53 to 95 along the coast, 57 to 94 in the desert, and 68 to 99 in the Central Valley.

FIELD CROPS

In the Sacramento Valley, **rice** harvest and fall groundwork continued. In the San Joaquin Valley, **cotton** harvest was ongoing. Modules were being trucked to gin yards. In Stanislaus County, silage **corn**, **dry beans**, **alfalfa** hay and alfalfa silage harvest continued. Harvested corn fields were sprayed with fertilizer and disced. In Tulare County, cotton harvest was ongoing county-wide. Corn and **sorghum** silage harvest was winding down. Harvested silage fields were being fertilized and tilled for winter forage crops. Alfalfa and **Sudan** grass continued to be irrigated, cut, dried, and baled. In the Imperial Valley, alfalfa hay production was slowed due to weather.

FRUIT CROPS

Late varieties of **peach**, **plum** and **nectarine** harvest was winding down. Harvest continued in early varieties of **pomegranate** and **pear** orchards. Some late variety table **grapes** remained on the vine, as harvest switched from packing for fresh market to harvesting for wine. **Quince** was maturing. **Persimmon** harvest began in Tulare County. **Kiwifruit** harvest finished for the season. **Pummelo**, Star Ruby **grapefruit**, and Valencia **orange** harvests continued. Navel **oranges**, **tangerines** and **lemons** continued to develop and show color. **Olives** were picked. **Strawberry** fields were prepped for fall planting. **Blueberry** fields were pruned and prepared for the next planting.

NUT CROPS

Spraying for weeds continued where necessary. **Almond** and **pistachio** harvest concluded in Tulare County. Orchards were cleaned and pruned following harvest. **Walnut** harvest continued.

VEGETABLE CROPS

Celery was harvested in the southern part of the state. **Lettuce** varieties suffered some crop loss due to INSV (spot virus) and fusarium. **Tomato**, **cantaloupe**, **sweet potato**, and **honeydew** melon harvests continued in Stanislaus County. Zucchini **squash**, **green beans**, **eggplant**, **pumpkins**, and assorted **peppers** continued to be harvested in the Central Valley.

LIVESTOCK

The condition of rangeland and non-irrigated pasture was fair to poor. North Sacramento Valley foothill range was green due to newly germinated grasses. Irrigated range remained in good condition. Supplemental feeding of cattle continued. Preparations began for moving cattle down from higher elevation range. Some hives were moved into the state for overwintering.

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 OCTOBER 23, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending Oct 23, 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 - Oct 23, 2022	Jan 1 - Oct 23, 2022	Oct 1 - Oct 23, 2022	Week Ending Oct 23, 2022	Oct 1 - Oct 23, 2022	Oct 1 - Oct 23	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	52	-2	65	38	1,427	1,248	4	0.14	0.18	1.49	40.61
Ukiah	65	4	94	40	4,249	3,776	0	0.00	0.00	1.10	35.07
Santa Rosa	62	1	86	43	3,487	3,113	1	0.00	0.01	0.99	34.00
Napa State Hospital	63	3	90	39	3,282	2,969	0	0.00	0.00	0.57	20.36
Central Coast											
San Francisco	63	1	80	51	3,251	3,021	1	0.01	0.01	0.47	19.77
San Jose	66	2	90	47	4,216	3,772	0	0.00	0.00	0.33	13.58
Salinas	NA	NA	NA	NA	NA	2,820	NA	NA	NA	0.37	12.66
Monterey	60	0	88	47	2,903	2,518	0	0.00	0.00	0.55	16.36
Paso Robles	66	5	95	38	4,648	3,799	0	0.00	0.00	0.34	12.24
Sacramento Valley											
Redding	68	5	99	49	5,874	5,074	0	0.00	0.00	1.24	33.70
Red Bluff	68	4	98	50	5,807	5,003	0	0.00	0.00	0.63	23.25
Orland	NA	NA	NA	NA	NA	4,695	NA	NA	NA	0.55	21.52
Oroville	68	4	89	49	5,741	4,907	0	0.00	0.00	0.85	25.84
Marysville	67	4	88	49	5,247	4,593	0	0.00	0.00	0.59	20.21
Sacramento	68	6	92	50	5,247	4,317	0	0.00	0.00	0.50	18.10
San Joaquin Valley											
Stockton	67	3	89	48	5,249	4,804	0	0.00	0.00	0.42	13.53
Modesto	66	2	87	51	5,222	4,864	0	0.00	0.00	0.33	12.34
Merced Macready	68	5	90	47	5,457	4,695	0	0.00	0.00	0.39	11.87
Madera	67	3	89	45	5,313	4,949	0	0.00	0.00	0.25	10.86
Fresno	70	5	90	49	6,428	5,508	0	0.00	0.00	0.34	11.05
Lemoore	69	6	93	46	5,776	4,948	0	0.00	0.00	0.27	7.23
Visalia	68	4	90	45	5,698	4,930	0	0.00	0.00	0.34	10.37
Bakersfield	70	4	91	49	6,490	5,828	0	0.00	0.00	0.16	6.40
Cascade Sierra											
Alturas	48	2	80	22	2,084	1,783	1	0.16	0.16	0.60	11.72
Mount Shasta	54	4	81	31	2,806	2,099	1	0.10	0.10	1.26	37.86
Blue Canyon	59	5	77	34	3,046	2,398	1	0.01	0.01	2.27	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,954	NA	NA	NA	1.59	40.65
South Coast											
Santa Maria	63	1	93	44	2,971	2,936	0	0.00	0.00	0.31	13.42
Santa Barbara	NA	NA	NA	NA	NA	3,176	NA	NA	NA	0.44	17.38
Oxnard	66	2	89	54	3,731	3,638	2	0.00	0.06	0.30	13.05
Riverside	72	4	93	56	6,293	5,460	2	0.00	0.20	0.22	9.48
Los Angeles	71	4	92	59	4,939	4,375	3	0.01	0.24	0.31	12.33
San Diego	70	2	93	59	4,667	4,756	4	0.06	0.09	0.33	9.87
Southeast Interior											
Bishop	60	4	84	39	4,336	3,812	0	0.00	0.00	0.26	4.87
Daggett	71	4	88	54	7,275	6,539	1	0.00	0.15	0.17	3.80
Lancaster	66	5	88	42	5,742	4,856	0	0.00	0.00	0.23	6.86
Thermal	76	4	94	59	8,271	7,767	3	0.00	0.54	0.14	2.98
Blythe	76	2	92	64	8,856	8,383	3	0.00	0.95	0.12	3.58
Imperial	77	3	92	62	8,532	8,095	0	0.00	0.00	0.16	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.

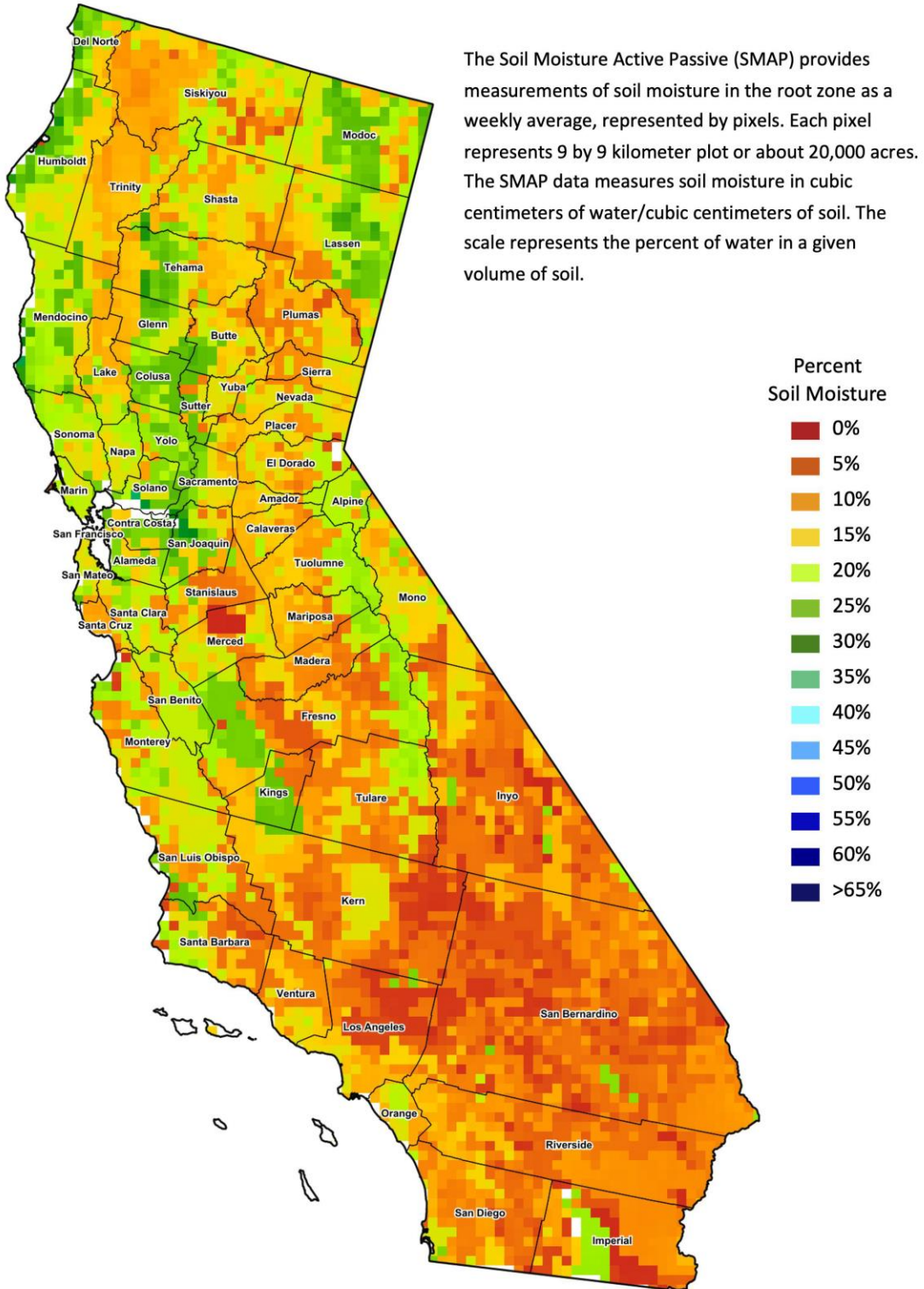
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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	October 23, 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	1,436,447	32	58	971,493	21
Lake Oroville	3,537,400	1,141,266	32	62	804,397	23
Trinity Lake	2,443,800	538,257	22	37	649,066	27
New Melones Reservoir	2,413,000	590,422	25	45	820,707	34
San Luis Reservoir	2,057,200	514,423	25	57	192,050	9
Don Pedro Reservoir	4,547,300	1,012,661	50	75	969,480	48

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	50.92	24.34	16.57	349
Last Week	0.00	0.23	5.77	53.09	24.34	16.57	351
3 Months Ago	0.00	0.22	2.31	37.66	47.07	12.74	370
One Year Ago	0.00	0.00	6.19	6.63	41.52	45.66	427

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