



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: November 20, 2022
RELEASED: November 21, 2022

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 1 to 54 in the mountains, 19 to 52 in the desert, 28 to 59 along the coast, and 30 to 45 in the Central Valley. Average highs for the state ranged from 31 to 82 in the mountains, 53 to 77 along the coast, 53 to 77 in the desert, and 59 to 73 in the Central Valley.

FIELD CROPS

In the Sacramento Valley, groundwork operations were mostly completed as operations began shutting down in preparation for winter. **Winter wheat** was planted. **Corn** for silage harvest continued in Stanislaus County. **Sudan** grass was harvested. **Alfalfa** hay and alfalfa silage were harvested. Manure was applied to harvested fields in preparation for planting winter crops. **Oats** were sprayed for weeds. In the San Joaquin Valley, **cotton** harvest was steady, and ginning continued. Cotton producers shredded stalks in compliance with the California Pink bollworm program. In Tulare County, corn and **sorghum** silage harvest was winding down with only a few fields remaining to be chopped. Harvested silage fields were fertilized and tilled. Winter forage crops such as wheat, **oats**, **barley**, and **triticale** were planted. Winter grain fields benefited from the recent rains. Alfalfa fields were being cut for haylage.

Fruit Crops

Stone fruit harvest was completed. Orchards were pruned in preparation for the dormant season and treated for weeds. **Grapes** were picked and crushed for juice. **Persimmon** and **pummelo** harvests continued. **Pomegranate** fields were cleaned. Navel **orange** harvest picked up speed after inspections showed high sugar content. **Grapefruit**, **mandarin**, **lemon**, and **lime** harvests continued.

Nut Crops

Low producing **almond** and **walnut** trees were removed. Almond orchards were pruned and sprayed for weeds. Late variety walnut harvest continued to wind down for the season. **Pecan** husks began to split.

VEGETABLE CROPS

Butternut **squash** and **broccoli** were harvested in the Capay Valley. **Sweet potato** harvest was complete and broccoli harvest continued in Stanislaus County. **Lettuce**, **onions**, and other fall vegetables were harvested in Tulare County. Harvested fields were being prepared for winter and spring plantings. **Bell pepper** harvest continued in the Coachella Valley. **Garlic** was harvested. **Lettuce** harvest continued on the Central Coast. Quality issues were reported in Salinas Valley.

LIVESTOCK

Recent rains stimulated range and non-irrigated pasture recovery, resulting in a light verdant hue on hillsides across much of the state. Irrigated pasture was in good to excellent condition. Supplemental feeding of cattle continued. Calving was ongoing. Bee hives continued to be moved into the state for overwintering and preparation for spring pollination. Mild temperatures stimulated milk production.

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 20, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending Nov 20, 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 20, 2022	Jan 1 - Nov 20, 2022	Oct 1 - Nov 20, 2022	Week Ending Nov 20, 2022	Oct 1 - Nov 20, 2022	Oct 1 - Nov 20	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	45	-5	60	33	1,459	1,309	16	0.00	3.74	5.16	40.61
Ukiah	49	-3	69	29	4,322	3,935	8	0.00	2.15	3.81	35.07
Santa Rosa	50	-2	74	30	3,575	3,278	8	0.00	1.24	3.73	34.00
Napa State Hospital	50	-2	69	32	3,362	3,127	6	0.00	0.97	2.11	20.36
Central Coast											
San Francisco	54	-2	67	43	3,418	3,272	9	0.00	1.60	1.93	19.77
San Jose	54	-1	69	37	4,379	4,023	6	0.00	1.71	1.31	13.58
Salinas	NA	NA	NA	NA	NA	3,059	NA	NA	NA	1.33	12.66
Monterey	52	-3	72	38	2,989	2,730	4	0.00	2.01	1.71	16.36
Paso Robles	49	-3	72	28	4,709	3,970	4	0.00	0.71	1.07	12.24
Sacramento Valley											
Redding	51	-1	73	30	5,981	5,259	8	0.00	2.48	3.94	33.70
Red Bluff	52	-1	72	33	5,932	5,198	5	0.00	2.32	2.56	23.25
Orland	NA	NA	NA	NA	NA	4,906	NA	NA	NA	2.10	21.52
Oroville	51	-2	70	34	5,865	5,119	6	0.00	1.85	3.26	25.84
Marysville	51	-1	70	33	5,354	4,776	1	0.00	0.24	2.37	20.21
Sacramento	51	-1	71	34	5,375	4,492	4	0.00	1.23	1.89	18.10
San Joaquin Valley											
Stockton	49	-5	67	31	5,366	5,036	5	0.00	1.24	1.53	13.53
Modesto	48	-6	64	32	5,315	5,090	6	0.00	1.19	1.17	12.34
Merced Macready	50	-3	65	33	5,550	4,895	5	0.00	0.99	1.29	11.87
Madera	49	-4	67	32	5,401	5,167	5	0.00	0.50	0.99	10.86
Fresno	52	-2	67	38	6,575	5,758	6	0.00	0.66	1.10	11.05
Lemoore	49	-3	68	30	5,866	5,145	3	0.00	0.32	0.76	7.23
Visalia	49	-4	68	32	5,835	5,141	5	0.04	0.81	1.20	10.37
Bakersfield	52	-4	67	35	6,671	6,105	6	0.00	0.67	0.59	6.40
Cascade Sierra											
Alturas	20	-17	42	1	2,085	1,783	9	0.00	1.98	1.66	11.72
Mount Shasta	34	-6	50	18	2,810	2,099	9	0.00	2.79	4.17	37.86
Blue Canyon	44	0	58	31	3,061	2,416	10	0.00	5.58	7.89	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,970	NA	NA	NA	4.84	40.65
South Coast											
Santa Maria	52	-5	73	34	3,089	3,203	4	0.00	0.99	1.23	13.42
Santa Barbara	52	-4	71	35	3,806	3,433	5	0.00	1.10	1.52	17.38
Oxnard	59	-1	77	42	3,967	3,974	6	0.00	0.74	0.89	13.05
Riverside	60	-1	76	43	6,594	5,853	6	0.00	1.50	0.64	9.48
Los Angeles	61	-1	75	48	5,270	4,783	8	0.00	2.01	0.94	12.33
San Diego	58	-4	75	43	4,982	5,178	8	0.00	1.16	0.94	9.87
Southeast Interior											
Bishop	39	-6	58	19	4,341	3,846	2	0.00	0.46	0.54	4.87
Daggett	49	-6	64	35	7,443	6,828	3	0.00	0.43	0.41	3.80
Lancaster	44	-6	64	21	5,832	4,996	2	0.00	0.58	0.53	6.86
Thermal	57	-4	77	35	8,574	8,211	4	0.00	0.58	0.28	2.98
Blythe	58	-4	71	41	9,208	8,866	3	0.00	0.95	0.27	3.58
Imperial	57	-6	74	41	8,872	8,582	1	0.00	0.07	0.28	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.

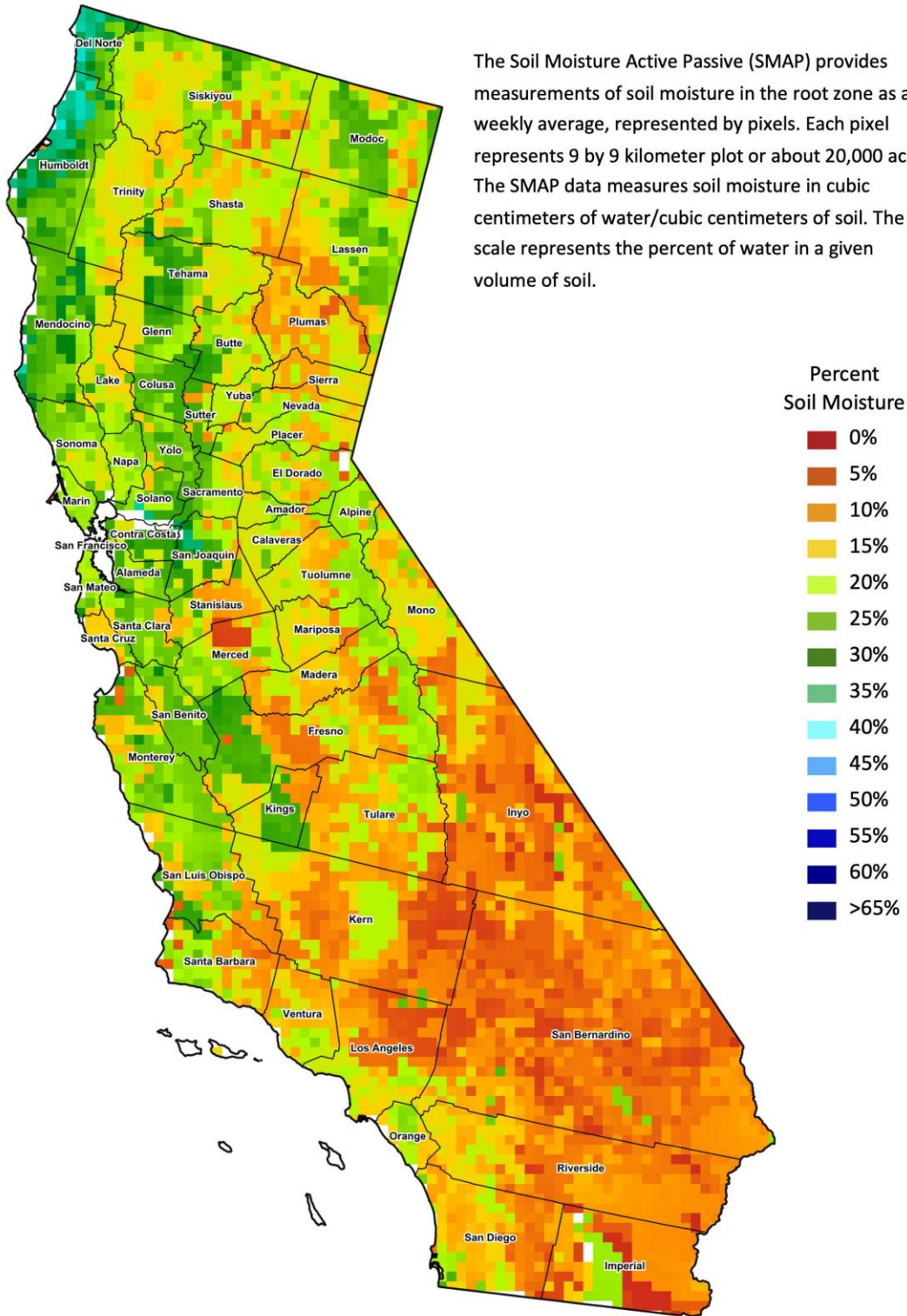
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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 20, 2022			This Date Last Year	
		Storage	Percent of Capacity	Percent of Average	Storage	Percent of Capacity
	<i>Acre Feet</i>	<i>Acre Feet</i>	<i>Percent</i>	<i>Percent</i>	<i>Acre Feet</i>	<i>Percent</i>
Shasta Lake	4,547,300	1,398,822	31	57	1,109,429	24
Lake Oroville	3,537,400	993,179	28	56	1,043,218	29
Trinity Lake	2,443,800	530,405	22	38	707,840	29
New Melones Reservoir	2,413,000	586,654	24	45	849,579	35
San Luis Reservoir	2,057,200	511,897	25	51	466,381	23
Don Pedro Reservoir ¹	4,547,300	1,007,286	50	75	1,011,892	50

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	0.52	14.51	44.05	28.18	12.73	338
Last Week	0.00	0.49	11.43	46.69	24.83	16.57	346
3 Months Ago	0.00	0.24	2.24	54.36	26.59	16.57	357
One Year Ago	0.00	0.00	7.57	12.15	42.66	37.62	410

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