



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 27, 2022
RELEASED: November 29, 2022

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 3 to 54 in the mountains, 14 to 56 in the desert, 27 to 55 along the coast, and 29 to 48 in the valley. Average highs for the state ranged from 39 to 82 in the mountains, 49 to 79 in the Central Valley, 54 to 82 along the coast, and 56 to 77 in the desert.

FIELD CROPS

In the Sacramento Valley, the last of winter **wheat** planting continued. Groundwork was almost complete. In Stanislaus County, most of the **corn** harvest was complete. Winter wheat and **oats** continued to emerge. **Sudan** grass, **Alfalfa** hay, and alfalfa silage were harvested. Manure was applied to harvested fields in preparation for winter crops. Oats were sprayed for weeds. In Tulare County, **cotton** picking was almost complete and cotton modules were moved to gins. 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 varied from just starting to germinate to fields that had crops a few inches tall. Alfalfa fields were cut and harvested for haylage.

FRUIT CROPS

Stone fruit orchards were pruned in preparation for the dormant season. **Kiwi** harvest was underway. Some table **grape** vineyards were harvested. Already harvested grape vineyards continued to go dormant. **Persimmons** were in the peak of harvest. **Pomegranate** harvest neared completion, with a few fields still being cleaned up. Navel **orange** harvest was ramping up with inspectors checking sugar levels that were seasonally high. **Grapefruit**, **pummelos**, **mandarin**, **lemon**, and **lime** harvests continued.

NUT CROPS

Low producing and undesirable varieties of **almond** and **walnut** trees were removed. Late variety walnut harvest continued to wind down for the season. **Pecan** husks have begun to split.

VEGETABLE CROPS

Butternut **squash** and **broccoli** were harvested in the Capay Valley. Stanislaus County sweet **potato** harvest ended. **Lettuce**, **onions**, and other fall vegetables were harvested in Tulare County. Fields were prepped for winter plantings.

LIVESTOCK

Foothill range was showing green from sprouted grasses, though more precipitation is needed for range recovery from the extended dry season. Irrigated pasture was in good to excellent condition. Supplemental feeding of cattle continued and calving was beginning to wrap up for the season. Sheep grazed on stubble 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 27, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending Nov 27, 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 27, 2022	Jan 1 - Nov 27, 2022	Oct 1 - Nov 27, 2022	Week Ending Nov 27, 2022	Oct 1 - Nov 27, 2022	Oct 1 - Nov 27	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	48	-1	62	36	1,461	1,309	19	0.22	3.96	6.52	40.61
Ukiah	51	2	73	29	4,334	3,936	8	0.00	2.15	4.82	35.07
Santa Rosa	51	1	74	29	3,586	3,282	8	0.00	1.24	4.74	34.00
Napa State Hospital	51	1	71	30	3,371	3,133	6	0.00	0.97	2.64	20.36
Central Coast											
San Francisco	55	1	69	42	3,457	3,305	9	0.00	1.60	2.52	19.77
San Jose	55	2	73	38	4,415	4,050	6	0.00	1.71	1.68	13.58
Salinas	NA	NA	NA	NA	NA	3,091	NA	NA	NA	1.68	12.66
Monterey	53	-1	69	37	3,015	2,761	4	0.00	2.01	2.11	16.36
Paso Robles	51	1	76	27	4,717	3,974	4	0.00	0.71	1.31	12.24
Sacramento Valley											
Redding	53	3	78	30	6,011	5,263	8	0.00	2.48	4.95	33.70
Red Bluff	53	2	78	32	5,961	5,205	5	0.00	2.32	3.25	23.25
Orland	NA	NA	NA	NA	NA	4,916	NA	NA	NA	2.67	21.52
Oroville	52	1	71	33	5,883	5,129	6	0.00	1.85	3.97	25.84
Marysville	NA	NA	NA	NA	NA	4,778	NA	NA	NA	2.95	20.21
Sacramento	51	1	71	32	5,387	4,494	4	0.00	1.23	2.38	18.10
San Joaquin Valley											
Stockton	50	-2	69	30	5,375	5,052	5	0.00	1.24	1.90	13.53
Modesto	49	-3	66	31	5,317	5,104	6	0.00	1.19	1.46	12.34
Merced Macready	50	0	71	30	5,557	4,900	5	0.00	0.99	1.54	11.87
Madera	49	-2	72	31	5,408	5,179	5	0.00	0.50	1.24	10.86
Fresno	53	1	71	36	6,596	5,777	6	0.00	0.66	1.32	11.05
Lemoore	50	0	73	29	5,873	5,150	3	0.00	0.32	0.87	7.23
Visalia	50	-1	72	31	5,845	5,150	4	0.00	0.77	1.43	10.37
Bakersfield	53	0	79	36	6,697	6,131	6	0.00	0.66	0.72	6.40
Cascade Sierra											
Alturas	28	-7	53	3	2,085	1,783	9	0.00	1.98	1.95	11.72
Mount Shasta	41	3	63	25	2,810	2,099	9	0.00	2.79	5.16	37.86
Blue Canyon	49	7	63	38	3,068	2,416	10	0.00	5.58	9.85	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,970	NA	NA	NA	6.04	40.65
South Coast											
Santa Maria	55	0	77	34	3,126	3,242	4	0.00	0.99	1.52	13.42
Santa Barbara	54	-1	75	34	3,832	3,470	5	0.00	1.10	1.85	17.38
Oxnard	60	1	78	44	4,038	4,038	6	0.00	0.74	1.08	13.05
Riverside	60	2	76	39	6,663	5,914	6	0.00	1.50	0.81	9.48
Los Angeles	61	1	78	47	5,354	4,859	8	0.00	2.01	1.18	12.33
San Diego	59	-2	82	43	5,048	5,258	8	0.00	1.16	1.18	9.87
Southeast Interior											
Bishop	42	0	68	14	4,341	3,846	2	0.00	0.46	0.62	4.87
Daggett	50	-2	68	32	7,451	6,849	3	0.00	0.43	0.51	3.80
Lancaster	45	-3	73	18	5,832	4,996	2	0.00	0.58	0.65	6.86
Thermal	55	-3	77	29	8,609	8,272	4	0.00	0.58	0.34	2.98
Blythe	57	-2	73	36	9,263	8,935	3	0.00	0.95	0.34	3.58
Imperial	57	-3	75	40	8,927	8,655	1	0.00	0.07	0.34	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.

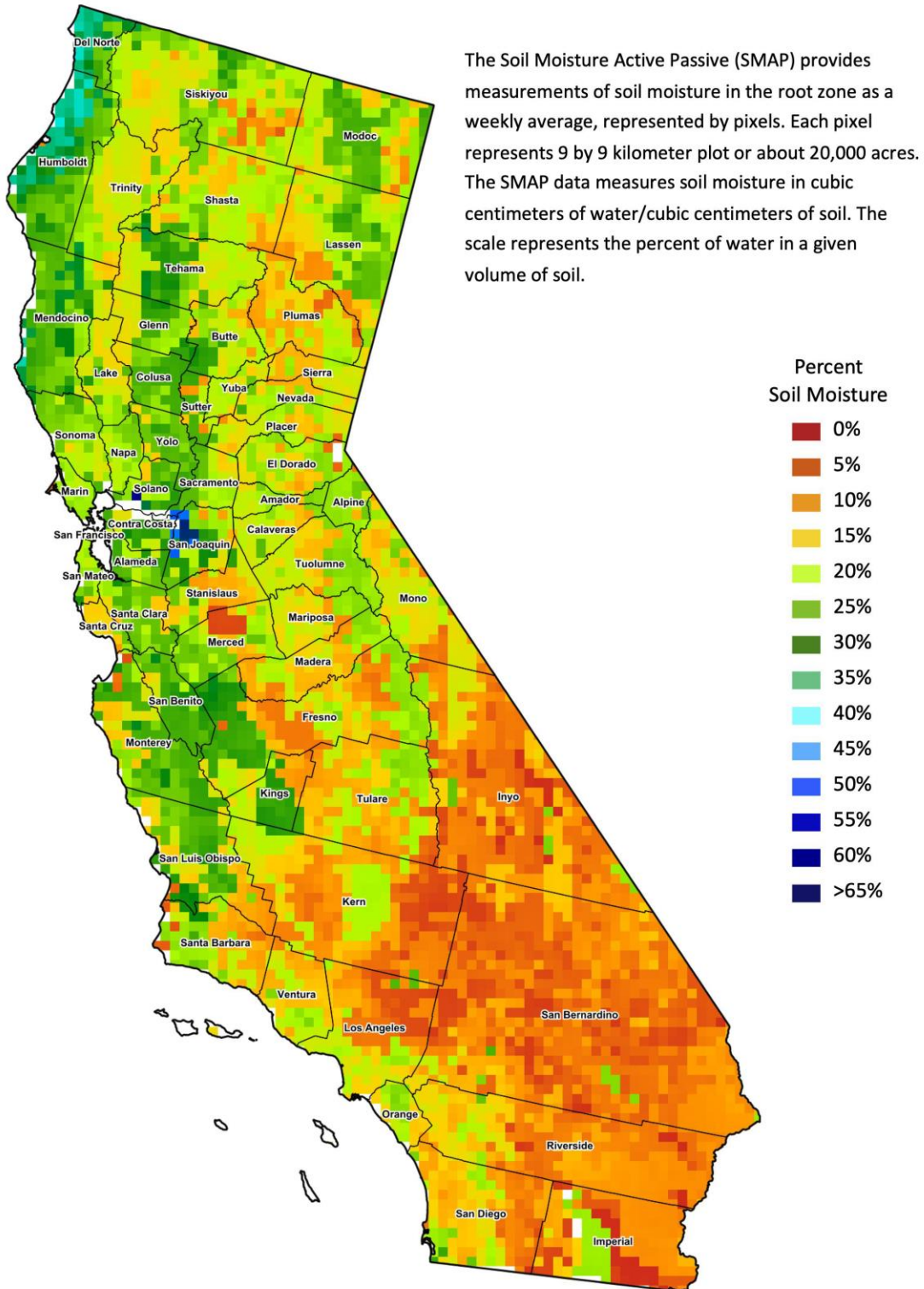
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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 27, 2022			This Date Last Year	
		Storage	Percent of Capacity	Percent of Average	Storage	Percent of Capacity
	Acre Feet	Acre Feet	Percent	Percent	Acre Feet	Percent
Shasta Lake	4,547,300	1,403,995	31	58	1,115,724	25
Lake Oroville	3,537,400	973,793	28	55	1,052,566	30
Trinity Lake	2,443,800	528,597	22	38	708,121	29
New Melones Reservoir	2,413,000	586,344	24	45	858,709	36
San Luis Reservoir	2,057,200	516,163	25	50	480,941	24
Don Pedro Reservoir ¹	4,547,300	1,010,355	50	75	1,016,513	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	28.19	12.73	338
Last Week	0.00	0.52	14.51	44.05	28.18	12.73	338
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	52.01	28.27	401

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