



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: November 13, 2022
RELEASED: November 14, 2022

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 6 to 54 in the mountains, 20 to 61 in the desert, 32 to 60 along the coast, and 33 to 51 in the Central Valley. Average highs for the state ranged from 30 to 82 in the mountains, 46 to 71 along the coast, 47 to 84 in the Central Valley, and 49 to 82 in the desert.

FIELD CROPS

In the Sacramento Valley, groundwork operations were completed as most operations began shutting down in preparation for winter. In Stanislaus County, **alfalfa** hay and alfalfa silage were harvested. Winter **wheat** and **oats** continued to emerge. Oats were sprayed for weeds. Fields were prepared for winter crops. In the San Joaquin Valley, **cotton** harvest was near completion. Some growers were second picking. In Tulare County, cotton harvest was delayed until fields dry out. **Corn** and **sorghum** silage harvest was winding down. Harvested silage corn fields were fertilized, tilled, and planted with winter grains. Manure was spread between crop rotations. Alfalfa and **sudan** grass continued to be irrigated, cut, dried, and baled. Fields were leveled and prepped for winter grain crops. Much needed rain delayed field work.

FRUIT CROPS

Stone fruit was pruned to prepare for the dormant season. Fungicides were applied to replace what was washed away by the rains. **Pomegranate**, **persimmon**, **pummelo**, and table **grape** harvests continued. **Tangerines** and **quince** development progressed. Navel **orange** maturation was ongoing. Early variety Navel harvest began in parts of Tulare County. Old citrus groves were removed. Valencia orange, **grapefruit**, **lemon**, and **lime** harvests continued. **Olive** harvest finished. **Strawberry** fields were prepped for planting season.

Nut Crops

Weeds were sprayed in select orchards. Older **almond** and **walnut** orchards were removed to make room for new plantings. Walnut harvest continued to wind down for the season.

VEGETABLE CROPS

Stanislaus County **broccoli** and **sweet potato** harvest continued. In Tulare County, roadside stands continued to sell fall produce. Fields were prepped and planted with winter plantings. **Bell peppers** harvest continued in the Coachella Valley. **Garlic** was harvested. **Lettuce** harvest continued on the Central Coast. Quality issues were reported in Salinas Valley.

LIVESTOCK

Rain across the state stimulated range and non-irrigated pasture recovery. Greening hillsides were observed across much of the state. Irrigated pasture remained in good condition. Supplemental feeding of cattle continued. 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 13, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending Nov 13, 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 13, 2022	Jan 1 - Nov 13, 2022	Oct 1 - Nov 13, 2022	Week Ending Nov 13, 2022	Oct 1 - Nov 13, 2022	Oct 1 - Nov 13	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	46	-5	57	33	1,457	1,304	17	1.23	4.55	4.00	40.61
Ukiah	47	-7	61	36	4,317	3,921	8	1.31	2.14	2.97	35.07
Santa Rosa	48	-6	64	33	3,568	3,259	8	0.88	1.24	2.87	34.00
Napa State Hospital	49	-5	64	36	3,358	3,109	6	0.75	0.95	1.64	20.36
Central Coast											
San Francisco	53	-5	62	44	3,386	3,227	9	1.25	1.59	1.45	19.77
San Jose	53	-4	63	40	4,353	3,983	6	1.24	1.70	0.98	13.58
Salinas	NA	NA	NA	NA	NA	3,016	NA	NA	NA	1.04	12.66
Monterey	50	-6	59	39	2,971	2,691	4	1.85	1.96	1.36	16.36
Paso Robles	48	-7	63	32	4,705	3,951	4	0.66	0.71	0.88	12.24
Sacramento Valley											
Redding	47	-8	63	34	5,978	5,240	8	1.30	2.47	3.13	33.70
Red Bluff	48	-7	62	36	5,916	5,177	5	1.25	2.32	1.93	23.25
Orland	NA	NA	NA	NA	NA	4,880	NA	NA	NA	1.63	21.52
Oroville	50	-6	61	38	5,853	5,093	6	1.51	1.80	2.59	25.84
Marysville	49	-6	63	35	5,344	4,759	1	0.00	0.24	1.85	20.21
Sacramento	51	-3	64	36	5,366	4,476	4	1.04	1.22	1.46	18.10
San Joaquin Valley											
Stockton	50	-6	64	36	5,361	5,004	5	0.96	1.23	1.20	13.53
Modesto	49	-7	60	35	5,312	5,060	6	0.83	1.17	0.92	12.34
Merced Macready	50	-5	62	35	5,552	4,872	5	0.61	0.98	1.06	11.87
Madera	49	-7	61	34	5,399	5,139	5	0.32	0.50	0.77	10.86
Fresno	51	-6	62	39	6,561	5,723	6	0.48	0.66	0.91	11.05
Lemoore	48	-7	64	33	5,866	5,124	3	0.31	0.32	0.66	7.23
Visalia	49	-7	61	36	5,824	5,115	3	0.69	0.70	0.98	10.37
Bakersfield	53	-5	68	41	6,652	6,063	6	0.39	0.67	0.48	6.40
Cascade Sierra											
Alturas	27	-12	39	6	2,085	1,783	9	0.85	1.98	1.37	11.72
Mount Shasta	34	-9	46	25	2,810	2,099	9	1.36	2.78	3.30	37.86
Blue Canyon	33	-14	47	26	3,061	2,416	10	3.11	5.50	6.16	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,970	NA	NA	NA	3.80	40.65
South Coast											
Santa Maria	51	-7	66	37	3,071	3,151	4	0.98	0.99	0.96	13.42
Santa Barbara	53	-5	68	37	3,792	3,385	5	1.05	1.10	1.21	17.38
Oxnard	55	-6	70	43	3,898	3,902	6	0.63	0.73	0.72	13.05
Riverside	56	-7	71	42	6,527	5,776	6	1.19	1.44	0.51	9.48
Los Angeles	59	-5	71	47	5,193	4,696	8	1.61	2.01	0.76	12.33
San Diego	58	-6	68	45	4,917	5,088	8	1.00	1.17	0.76	9.87
Southeast Interior											
Bishop	41	-7	68	20	4,340	3,846	2	0.45	0.46	0.47	4.87
Daggett	52	-6	73	34	7,441	6,788	3	0.28	0.43	0.33	3.80
Lancaster	48	-5	65	28	5,830	4,990	2	0.57	0.58	0.46	6.86
Thermal	58	-6	77	34	8,520	8,131	4	0.04	0.58	0.24	2.98
Blythe	61	-4	79	42	9,151	8,777	3	0.00	0.95	0.22	3.58
Imperial	61	-5	82	40	8,832	8,490	1	0.07	0.07	0.23	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.

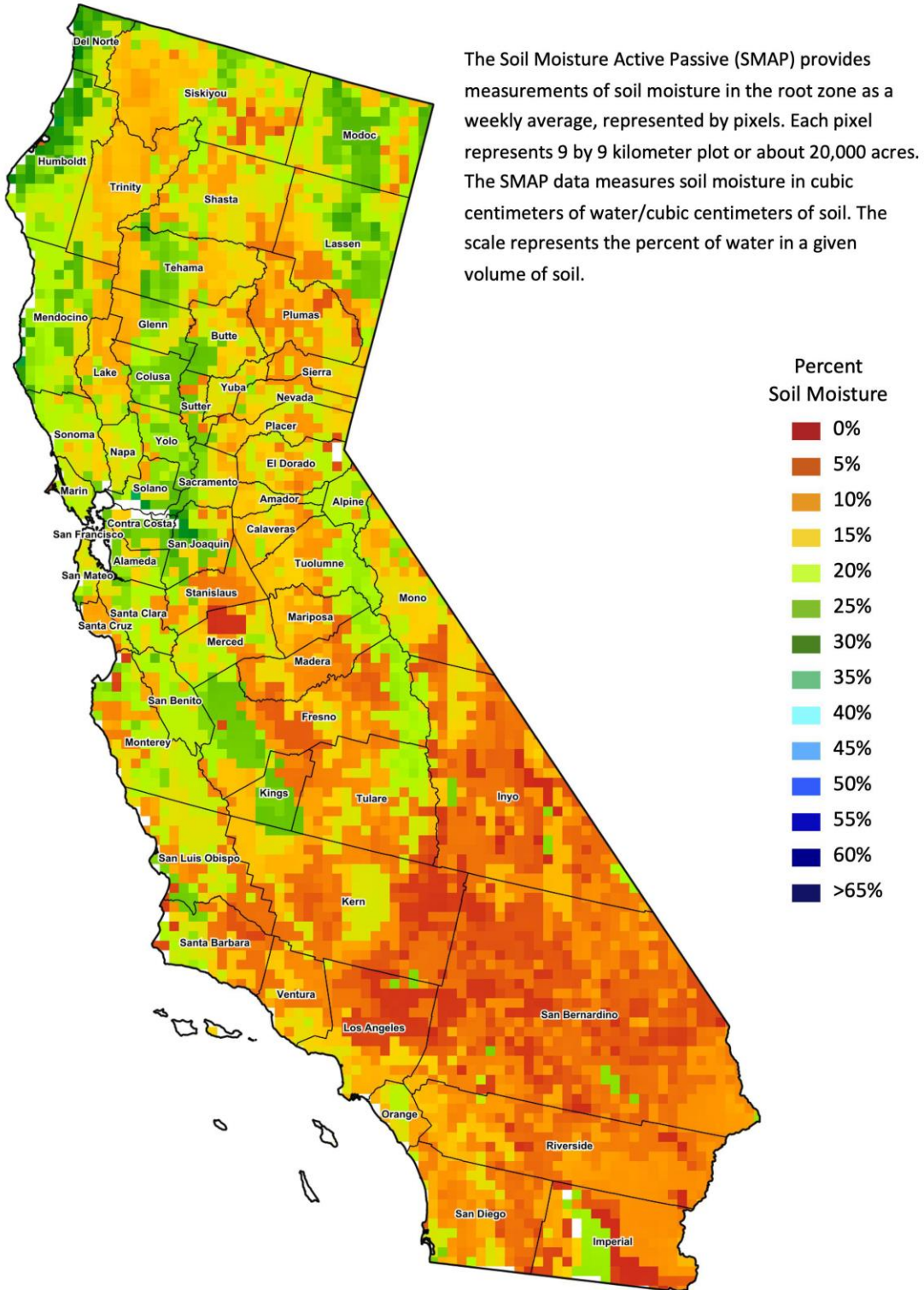
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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 13, 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	1,396,515	31	57	1,083,160	24
Lake Oroville	3,537,400	1,027,082	29	58	1,030,070	29
Trinity Lake	2,443,800	532,334	22	38	702,867	29
New Melones Reservoir	2,413,000	585,004	24	45	840,702	35
San Luis Reservoir	2,057,200	508,510	25	52	433,821	21
Don Pedro Reservoir	4,547,300	1,005,754	50	75	1,006,520	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	0.49	11.43	46.69	24.83	16.57	346
Last Week	0.00	0.23	7.94	48.76	26.50	16.57	351
3 Months Ago	0.00	0.23	2.25	51.71	29.28	16.53	360
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