



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: October 2, 2022
RELEASED: October 3, 2022

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 32 to 65 in the mountains, 45 to 83 in the desert, 47 to 69 along the coast, and 54 to 72 in the Central Valley. Average highs for the state ranged from 57 to 103 along the coast, 69 to 97 in the mountains, 80 to 99 in the Central Valley, and 86 to 110 in the desert.

FIELD CROPS

In Sutter County, **Sunflower** harvest continued. In the Sacramento Valley, **rice** and **corn** harvest resumed as fields dried from rain the previous week. In Stanislaus County, corn, **dry beans**, **alfalfa** hay and alfalfa silage harvests continued. Weeds were sprayed in **Sudan** grass and silage corn fields. In the San Joaquin Valley, **cotton** defoliation activities advanced, and early picking began. American Pima cotton bolls were cracking open and initial harvest began. In Tulare County, alfalfa and Sudan grass continued to be mowed and baled. Some corn fields were being irrigated while others were green chopped for silage. Dry bean fields were being cut into windrows for drying. Cotton defoliation activities continued.

FRUIT CROPS

Older stone fruit orchards were pushed out. Harvest continued in **peach**, **prune**, **nectarine**, **pomegranate**, **lemon**, wine **grape**, and **plum** orchards and vineyards. Raisin grapes were picked and rolled after drying. **Persimmon**, **kiwifruit**, and **quince** maturation was ongoing. Irrigation continued in citrus groves to prevent fruit drop due to heat stress. **Olive** trees were planted as harvest continued.

NUT CROPS

Spraying for weeds continued where necessary. **Almond**, **walnut**, and **pistachio** harvests were well underway. Almond orchards were cleaned after harvest to prepare for the new season.

VEGETABLE CROPS

Processing **tomato** harvest resumed, but mold issues increased due to recent rain. **Sweet corn** harvest resumed. Organic cherry tomato harvest neared completion due to damage from wet conditions. In Stanislaus County sweet **potato** harvest continued. In Tulare County **zucchini**, **squash**, **green beans**, **eggplant**, and a variety of **peppers** were harvested. **Pumpkins** developed well and were harvested for seasonal decorations and dishes.

LIVESTOCK

The condition of rangeland and non-irrigated pasture was primarily poor. Recent precipitation in the North State has promoted some grass germination. Irrigated range remained in good condition. Supplemental feeding of cattle continued.

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 2, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending Oct 2, 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 2, 2022	Jan 1 - Oct 2, 2022	Oct 1 - Oct 2, 2022	Week Ending Oct 2, 2022	Oct 1 - Oct 2, 2022	Oct 1 - Oct 2	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	57	1	71	47	1,329	1,140	0	0.04	0.00	0.08	40.61
Ukiah	68	1	93	48	3,858	3,495	0	0.00	0.00	0.06	35.07
Santa Rosa	65	0	88	49	3,214	2,851	0	0.01	0.00	0.04	34.00
Napa State Hospital	66	2	89	48	3,011	2,719	0	0.00	0.00	0.03	20.36
Central Coast											
San Francisco	65	0	81	55	2,998	2,728	0	0.00	0.00	0.02	19.77
San Jose	68	1	88	56	3,865	3,447	0	0.00	0.00	0.02	13.58
Salinas	NA	NA	NA	NA	NA	2,557	NA	NA	NA	0.02	12.66
Monterey	61	-1	74	52	2,705	2,283	0	0.00	0.00	0.03	16.36
Paso Robles	71	4	98	52	4,254	3,517	0	0.00	0.00	0.02	12.24
Sacramento Valley											
Redding	76	4	97	55	5,393	4,727	0	0.00	0.00	0.06	33.70
Red Bluff	76	4	96	57	5,319	4,647	0	0.00	0.00	0.04	23.25
Orland	NA	NA	NA	NA	NA	4,344	NA	NA	NA	0.03	21.52
Oroville	74	3	93	57	5,282	4,558	0	0.00	0.00	0.04	25.84
Marysville	73	3	95	54	4,815	4,260	0	0.00	0.00	0.02	20.21
Sacramento	74	5	95	56	4,792	4,002	0	0.00	0.00	0.03	18.10
San Joaquin Valley											
Stockton	73	2	94	54	4,819	4,447	0	0.00	0.00	0.02	13.53
Modesto	73	2	92	57	4,797	4,512	0	0.00	0.00	0.02	12.34
Merced Macready	75	5	97	56	5,010	4,363	0	0.00	0.00	0.02	11.87
Madera	74	3	97	55	4,879	4,603	0	0.00	0.00	0.01	10.86
Fresno	79	6	99	60	5,914	5,124	0	0.00	0.00	0.02	11.05
Lemoore	77	6	99	57	5,296	4,600	0	0.00	0.00	0.01	7.23
Visalia	75	4	97	56	5,216	4,581	0	0.00	0.00	0.02	10.37
Bakersfield	79	5	98	64	5,964	5,422	0	0.00	0.00	0.01	6.40
Cascade Sierra											
Alturas	58	4	88	32	1,991	1,772	0	0.00	0.00	0.04	11.72
Mount Shasta	62	5	88	41	2,558	2,043	0	0.00	0.00	0.07	37.86
Blue Canyon	66	5	79	56	2,707	2,251	0	0.00	0.00	0.12	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,790	NA	NA	NA	0.11	40.65
South Coast											
Santa Maria	62	-2	74	52	2,715	2,662	0	0.00	0.00	0.01	13.42
Santa Barbara	67	3	81	56	3,330	2,902	0	0.00	0.00	0.02	17.38
Oxnard	67	1	77	58	3,387	3,317	0	0.00	0.00	0.01	13.05
Riverside	79	6	103	62	5,804	5,037	0	0.00	0.00	0.01	9.48
Los Angeles	72	3	83	66	4,512	3,999	0	0.00	0.00	0.01	12.33
San Diego	72	2	85	66	4,249	4,358	0	0.00	0.00	0.02	9.87
Southeast Interior											
Bishop	69	5	92	45	4,068	3,621	0	0.00	0.00	0.02	4.87
Daggett	84	8	101	64	6,723	6,109	0	0.00	0.00	0.01	3.80
Lancaster	78	9	101	59	5,312	4,551	0	0.00	0.00	0.01	6.86
Thermal	86	6	110	67	7,633	7,231	0	0.00	0.00	0.01	2.98
Blythe	90	7	106	73	8,205	7,815	0	0.00	0.00	0.01	3.58
Imperial	89	7	108	75	7,878	7,533	0	0.00	0.00	0.01	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.

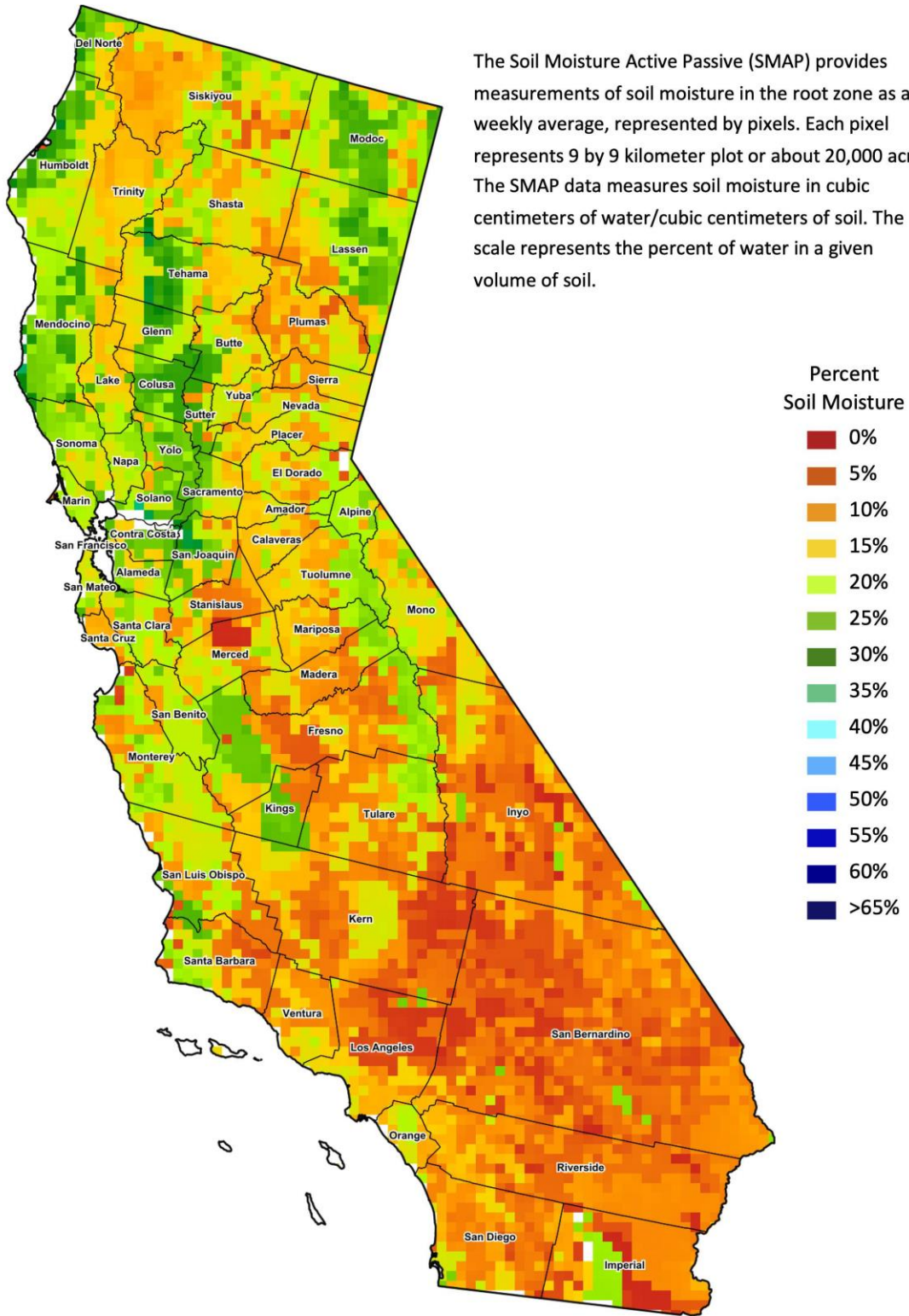
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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 2, 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	1,509,099	33	60	1,064,079	23
Lake Oroville	3,537,400	1,228,268	35	64	788,352	22
Trinity Lake	2,443,800	551,937	23	37	702,518	29
New Melones Reservoir	2,413,000	619,690	26	46	841,543	35
San Luis Reservoir	2,057,200	583,457	29	67	242,407	12
Don Pedro Reservoir	4,547,300	1,056,318	52	76	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	0.24	5.75	53.11	24.34	16.57	351
Last Week	0.00	0.24	5.70	53.15	24.34	16.57	351
3 Months Ago	0.00	0.21	2.31	37.67	48.22	11.59	369
One Year Ago	0.00	0.00	6.07	6.05	42.22	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