



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: October 16, 2022
RELEASED: October 17, 2022

FREQUENCY: Weekly
VOL. 43 NO. 29

WEATHER

Average lows for California ranged from 28 to 64 in the mountains, 37 to 72 in the desert, 41 to 68 along the coast, and 49 to 71 in the Central Valley. Average highs for the state ranged from 55 to 92 along the coast, 67 to 97 in the mountains, 73 to 100 in the Central Valley, and 80 to 99 in the desert.

FIELD CROPS

In Tulare County, **Milo** fields were progressing. **Cotton** fields were being defoliated and harvest was midway through the season. **Corn** and **sorghum** silage harvest was winding down. In Stanislaus County silage corn and alfalfa **hay** and silage harvest continued. Harvested fields were being fertilized and tilled for planting winter grain crops. **Alfalfa** and **Sudan** grass continued to be irrigated, cut, dried, and baled.

FRUIT CROPS

Late varieties of **peaches** and **nectarines** continued to be harvested. Older stone fruit orchards were pushed out and shredded. **Apricot** and **cherry** trees were pruned. Harvest continued in **pomegranate**, **pummelo**, and **pear** orchards. Table **grape** harvest continued. Raisin grapes that had completed the drying process were rolled and picked up. Plastic sheeting remained over some grapes to protect from potential rainfall before harvest. **Persimmon** and **quince** were maturing. **Kiwifruit** remained under shade cloth during maturation in Tulare County. Irrigation continued in citrus groves to prevent fruit drop because of heat stress. **Pummelo** harvest started in Kern County, and Star Ruby **grapefruit** and Valencia **oranges** were picked in Tulare County. Navel oranges, **tangerines** and **lemons** continued to develop and show color. **Olives** were picked. **Strawberry** fields were prepped for fall planting.

NUT CROPS

Spraying for weeds continued where necessary. **Almond** harvest was wrapping up for the season. **Walnut** and **pistachio** harvests continued.

VEGETABLE CROPS

Salinas Valley **lettuce** varieties suffered some crop loss due to INSV (spot virus) and fusarium. **Tomatoes** were harvested in Sutter and Stanislaus counties. **Zucchini**, **green beans**, **eggplant** and assorted **pepper** harvest continued in Tulare County. **Sweet corn**, **pumpkins**, and **tomatillos** continued to develop. Cooler temperatures helped with vegetable growth.

LIVESTOCK

The condition of rangeland and non-irrigated pasture was fair to poor. Some range was displaying some green from newly germinated grasses. 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 16, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending Oct 16, 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 16, 2022	Jan 1 - Oct 16, 2022	Oct 1 - Oct 16, 2022	Week Ending Oct 16, 2022	Oct 1 - Oct 16, 2022	Oct 1 - Oct 16	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	52	-3	67	41	1,401	1,217	3	0.00	0.04	0.92	40.61
Ukiah	68	5	92	48	4,140	3,697	0	0.00	0.00	0.66	35.07
Santa Rosa	61	-1	78	48	3,396	3,037	1	0.01	0.01	0.55	34.00
Napa State Hospital	61	0	73	49	3,189	2,896	0	0.00	0.00	0.33	20.36
Central Coast											
San Francisco	60	-4	68	52	3,161	2,931	0	0.00	0.00	0.27	19.77
San Jose	65	0	76	56	4,101	3,674	0	0.00	0.00	0.20	13.58
Salinas	NA	NA	NA	NA	NA	2,738	NA	NA	NA	0.22	12.66
Monterey	58	-3	65	52	2,822	2,445	0	0.00	0.00	0.33	16.36
Paso Robles	67	4	90	46	4,528	3,719	0	0.00	0.00	0.19	12.24
Sacramento Valley											
Redding	74	8	100	52	5,745	4,979	0	0.00	0.00	0.73	33.70
Red Bluff	74	8	99	55	5,675	4,905	0	0.00	0.00	0.38	23.25
Orland	NA	NA	NA	NA	NA	4,596	NA	NA	NA	0.31	21.52
Oroville	72	6	91	55	5,614	4,808	0	0.00	0.00	0.47	25.84
Marysville	70	5	93	52	5,126	4,499	0	0.00	0.00	0.31	20.21
Sacramento	71	6	94	52	5,117	4,228	0	0.00	0.00	0.29	18.10
San Joaquin Valley											
Stockton	69	2	90	53	5,122	4,701	0	0.00	0.00	0.25	13.53
Modesto	69	3	88	53	5,103	4,764	0	0.00	0.00	0.19	12.34
Merced Macready	71	6	93	52	5,335	4,602	0	0.00	0.00	0.22	11.87
Madera	70	4	94	49	5,194	4,851	0	0.00	0.00	0.15	10.86
Fresno	75	7	93	57	6,290	5,399	0	0.00	0.00	0.19	11.05
Lemoore	73	7	95	53	5,640	4,850	0	0.00	0.00	0.15	7.23
Visalia	72	6	92	53	5,549	4,831	0	0.00	0.00	0.19	10.37
Bakersfield	76	7	91	57	6,347	5,712	0	0.00	0.00	0.08	6.40
Cascade Sierra											
Alturas	54	6	82	28	2,076	1,783	0	0.00	0.00	0.38	11.72
Mount Shasta	63	11	85	41	2,761	2,097	0	0.00	0.00	0.74	37.86
Blue Canyon	68	12	79	56	2,968	2,365	0	0.00	0.00	1.35	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,919	NA	NA	NA	1.02	40.65
South Coast											
Santa Maria	61	-2	68	53	2,874	2,850	0	0.00	0.00	0.17	13.42
Santa Barbara	65	2	71	55	3,543	3,090	1	0.03	0.03	0.25	17.38
Oxnard	66	1	74	58	3,609	3,536	2	0.06	0.06	0.19	13.05
Riverside	70	0	85	60	6,131	5,331	2	0.20	0.20	0.13	9.48
Los Angeles	68	1	75	64	4,787	4,255	2	0.23	0.23	0.18	12.33
San Diego	69	1	73	65	4,524	4,630	2	0.02	0.02	0.19	9.87
Southeast Interior											
Bishop	63	4	86	37	4,269	3,767	0	0.00	0.00	0.18	4.87
Daggett	76	6	91	61	7,126	6,416	1	0.15	0.15	0.12	3.80
Lancaster	71	7	90	52	5,628	4,773	0	0.00	0.00	0.13	6.86
Thermal	81	6	99	64	8,094	7,607	3	0.52	0.54	0.10	2.98
Blythe	NA	NA	NA	NA	NA	8,214	NA	NA	NA	0.09	3.58
Imperial	80	4	96	63	8,339	7,927	0	0.00	0.00	0.12	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.

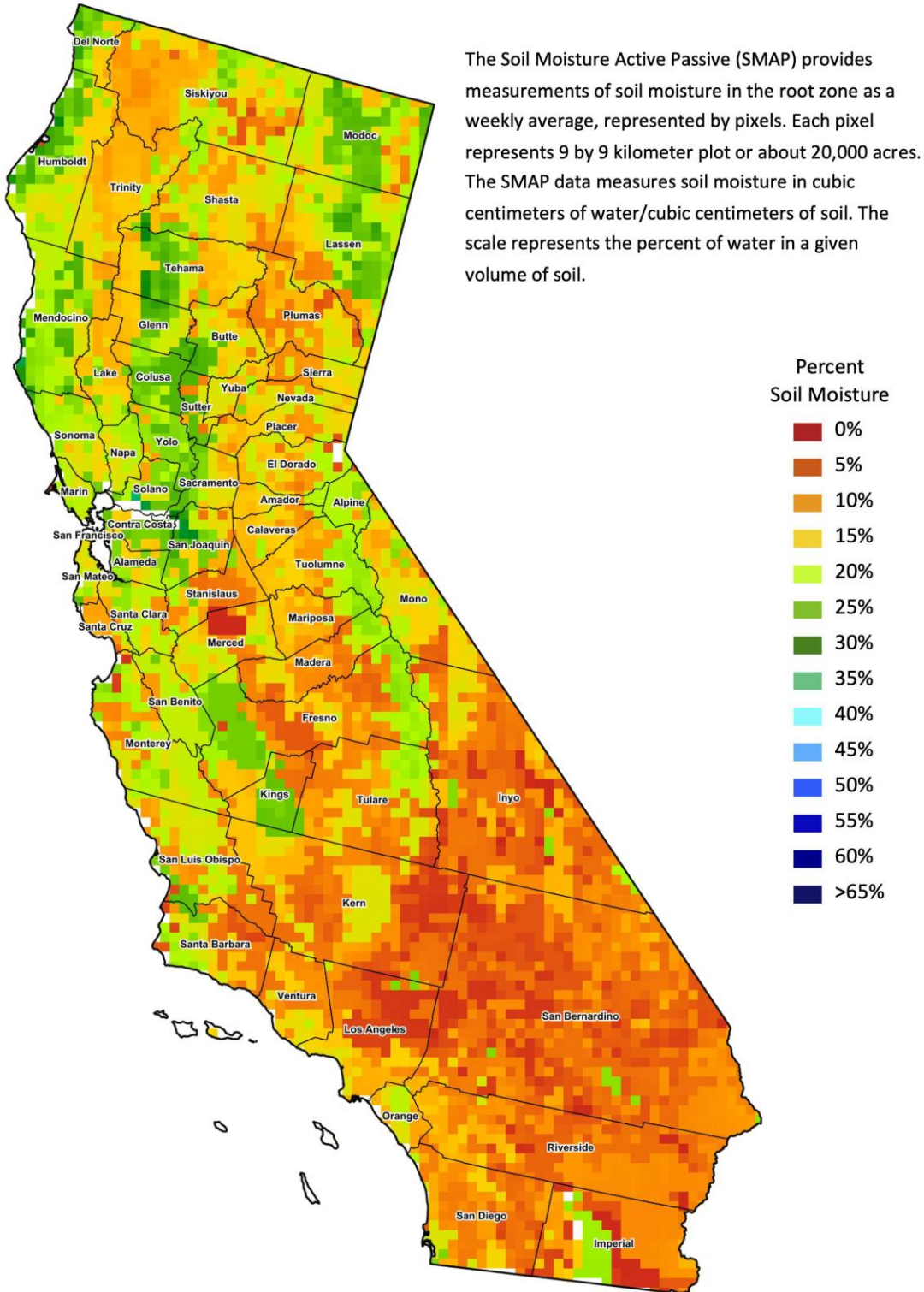
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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 16, 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	1,457,888	32	59	995,722	22
Lake Oroville	3,537,400	1,174,079	33	63	791,565	22
Trinity Lake	2,443,800	541,521	22	37	649,456	27
New Melones Reservoir	2,413,000	603,557	25	46	831,822	35
San Luis Reservoir	2,057,200	534,720	26	60	210,687	10
Don Pedro Reservoir	4,547,300	1,021,923	50	75	981,466	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	5.77	53.09	24.34	16.57	351
Last Week	0.00	0.23	5.75	53.12	24.34	16.57	351
3 Months Ago	0.00	0.20	2.31	37.67	47.07	12.74	370
One Year Ago	0.00	0.00	6.07	6.75	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