



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: September 25, 2022
RELEASED: September 26, 2022

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 36 to 66 in the mountains, 44 to 85 in the desert, 46 to 69 along the coast, and 53 to 72 in the Central Valley. Average highs for the state ranged from 47 to 97 in the mountains, 64 to 97 along the coast, 68 to 98 in the Central Valley, and 80 to 108 in the desert.

FIELD CROPS

In the Shasta Valley of Siskiyou County, fields that were normally planted for grain and **alfalfa** hay were left fallow. In the Sacramento Valley, field operations were slowed due to heavy rainfall. **Rice, corn, and sunflower** harvests continued, but were delayed by the wet field conditions. In the San Joaquin Valley, **cotton** defoliation advanced. American Pima cotton approached cut-out stage and bolls were cracking open. **Dry bean** harvest continued. In other fields, dry bean fields were being cut into windrows for drying. Silage and alfalfa for hay harvests continued. Harvested corn for silage fields were sprayed for weeds, fertilized and disced in preparation for winter crops such as **oats** or **wheat**. **Sudan** grass continued to be mowed and baled. Some corn was still being irrigated while other fields were cut for silage. Harvested silage corn fields were being fertilized with manure and tilled for planting this fall.

FRUIT CROPS

Some older stone fruits were pushed out while others continued to be harvested. **Peach, prune, nectarine, pear, quince, pomegranate, and plum** harvests continued. Wine **grape** harvest continued and raisin grape harvest began. **Persimmons** and **kiwifruits** development was ongoing. **Lemon** harvest began. Irrigation continued in citrus groves to prevent fruit drop due to heat stress. **Olive** harvest continued. **Strawberry** fields were treated in preparation for fall planting.

NUT CROPS

Spraying for weeds continued where necessary. **Almond, walnut, and pistachio** harvests continued. Some almond orchards were pushed out to make way for new plantings.

VEGETABLE CROPS

Tomatoes, eggplant, peppers, pumpkins, and brussels sprouts were harvested in San Mateo County. All fieldwork paused due to rain in Sacramento Valley. Harvests and fall field preparation paused due to rainfall. Drip tape removal progressed, while fall **carrots** emerged in Fresno County. Stanislaus County tomatoes and **sweet potato** harvests continued. In Tulare County, fields were disced for fall and winter vegetable plantings. **Onions, squash, zucchini, and eggplant** were harvested.

LIVESTOCK

Rangeland and non-irrigated pasture were in poor to very poor condition. Irrigated range remained in good condition. Supplemental feeding of cattle continued. Some cattle herds were reduced.

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 SEPTEMBER 25, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending Sep 12, 2022	Departure from Normal ⁵	High	Low	This Year	Normal Year ⁵	This Season	This Week	This Season	Normal Season ⁵	Normal Year ⁵
					Jan 1 - Sep 25, 2022	Jan 1 - Sep 25, 2022	Oct 1 - Sep 25, 2022	Week Ending Sep 25, 2022	Oct 1 - Sep 25, 2022	Oct 1 - Sep 25	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	58	1	69	46	1,269	1,094	125	0.00	26.81	40.22	40.61
Ukiah	69	0	95	51	3,725	3,373	69	0.04	21.56	34.78	35.07
Santa Rosa	66	0	92	49	3,104	2,744	63	0.04	27.14	33.73	34.00
Napa State Hospital	67	2	90	51	2,897	2,618	51	0.02	18.62	20.20	20.36
Central Coast											
San Francisco	67	2	83	57	2,891	2,621	48	0.17	18.46	19.61	19.77
San Jose	70	2	89	56	3,733	3,321	34	0.00	7.83	13.45	13.58
Salinas	NA	NA	NA	NA	NA	2,459	NA	NA	NA	12.56	12.66
Monterey	63	1	75	53	2,620	2,199	43	0.02	11.76	16.21	16.36
Paso Robles	67	-2	92	47	4,102	3,396	27	0.24	9.10	12.13	12.24
Sacramento Valley											
Redding	72	-2	98	55	5,202	4,573	63	0.21	19.77	33.40	33.70
Red Bluff	72	-2	98	56	5,132	4,491	51	0.20	13.27	23.05	23.25
Orland	NA	NA	NA	NA	NA	4,194	NA	NA	NA	21.32	21.52
Oroville	72	-1	93	59	5,116	4,410	53	1.21	18.94	25.61	25.84
Marysville	71	0	97	55	4,655	4,119	44	0.79	9.45	20.03	20.21
Sacramento	73	2	97	57	4,628	3,867	46	0.90	15.04	17.94	18.10
San Joaquin Valley											
Stockton	73	0	97	57	4,657	4,297	37	0.06	9.87	13.42	13.53
Modesto	71	-2	93	56	4,636	4,363	36	0.02	9.09	12.25	12.34
Merced Macready	73	1	96	56	4,833	4,221	30	0.11	7.65	11.78	11.87
Madera	72	-1	96	56	4,706	4,454	26	0.49	3.20	10.78	10.86
Fresno	75	0	97	60	5,708	4,959	26	0.06	6.41	10.97	11.05
Lemoore	NA	NA	NA	NA	NA	4,449	NA	NA	NA	7.17	7.23
Visalia	73	0	96	58	5,045	4,432	29	0.00	7.45	10.30	10.37
Bakersfield	76	-1	96	60	5,759	5,249	21	0.00	5.42	6.35	6.40
Cascade Sierra											
Alturas	55	-2	85	36	1,936	1,741	72	0.79	8.50	11.60	11.72
Mount Shasta	59	-1	87	38	2,471	1,987	87	0.75	21.35	37.49	37.86
Blue Canyon	58	-5	78	44	2,592	2,169	71	1.97	67.63	62.25	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,696	NA	NA	NA	40.23	40.65
South Coast											
Santa Maria	65	1	86	54	2,624	2,564	28	1.77	9.65	13.30	13.42
Santa Barbara	66	1	82	51	3,210	2,801	29	0.02	10.65	17.23	17.38
Oxnard	67	1	79	57	3,265	3,201	28	0.22	12.04	12.91	13.05
Riverside	77	2	97	58	5,594	4,871	26	0.00	5.02	9.37	9.48
Los Angeles	72	2	80	62	4,352	3,864	28	0.00	10.32	12.20	12.33
San Diego	72	1	80	62	4,090	4,213	30	0.00	6.75	9.76	9.87
Southeast Interior											
Bishop	67	0	92	44	3,930	3,520	20	0.00	6.74	4.81	4.87
Daggett	79	0	100	58	6,485	5,924	15	0.00	1.80	3.75	3.80
Lancaster	73	1	99	52	5,120	4,412	20	0.00	4.54	6.79	6.86
Thermal	86	3	108	62	7,380	7,014	10	0.00	1.07	2.93	2.98
Blythe	90	4	108	69	7,919	7,583	13	0.00	2.67	3.52	3.58
Imperial	88	3	107	68	7,598	7,306	2	0.00	0.06	2.35	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.

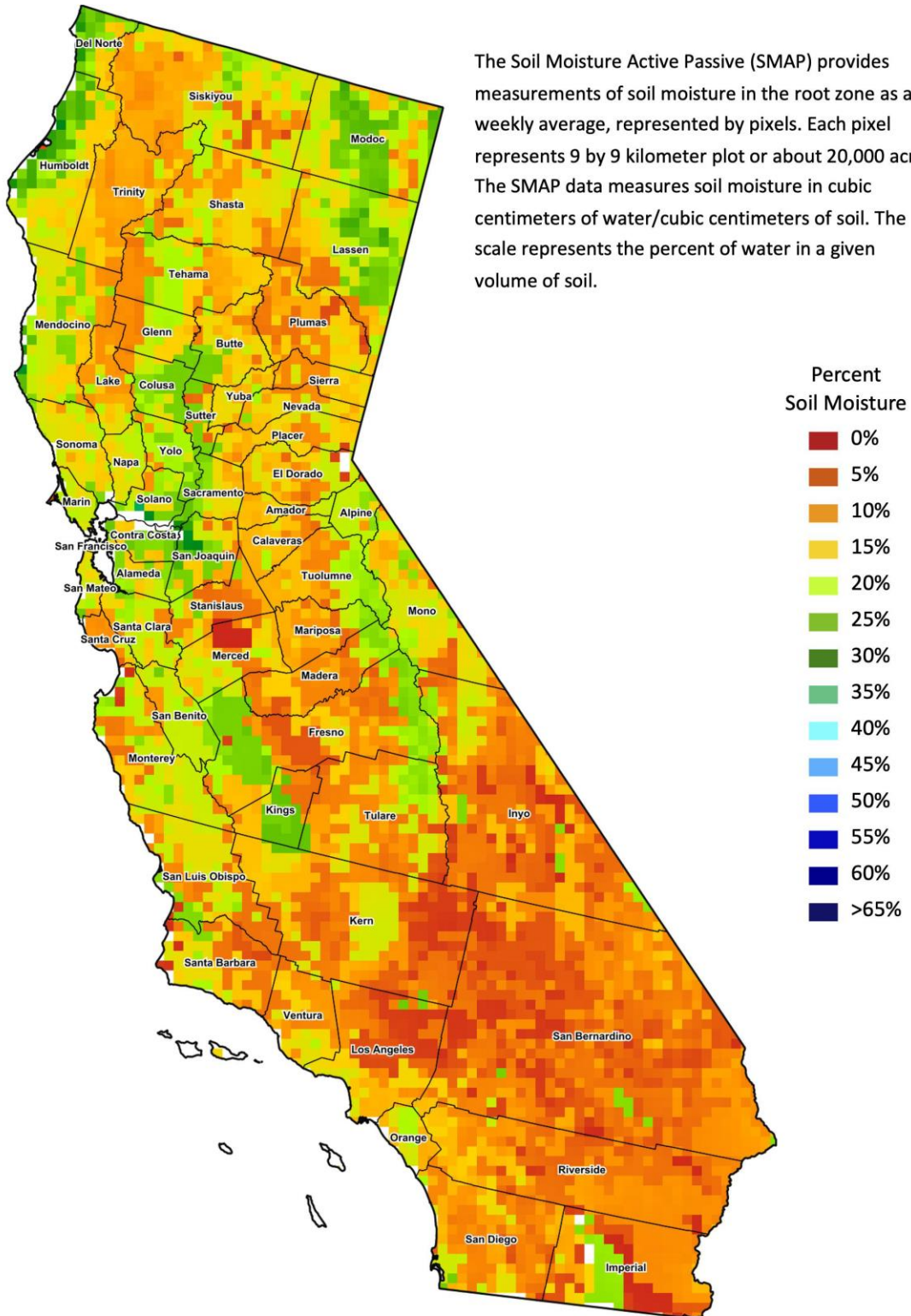
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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	September 25, 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	1,520,385	33	59	1,097,387	24
Lake Oroville	3,537,400	1,246,874	35	64	788,740	22
Trinity Lake	2,443,800	559,554	23	37	734,654	30
New Melones Reservoir	2,413,000	617,823	26	46	848,929	35
San Luis Reservoir	2,057,200	576,186	28	67	254,197	12
Don Pedro Reservoir	4,547,300	1,067,536	53	73	1,022,698	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	5.70	53.15	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