United States Department of Agriculture
National Agricultural Statistics Service

California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: June 26, 2022 **FREQUENCY: Weekly**
RELEASED: June 27, 2022 **VOL. 43 NO. 13**

WEATHER

Average lows for California ranged from 32 to 68 in the mountains, 44 to 69 along the coast, 48 to 87 in the desert, and 50 to 79 in the Central Valley. Average highs for the state ranged from 58 to 106 along the coast, 59 to 95 in the mountains, 80 to 110 in the desert, and 84 to 107 in the Central Valley.

FIELD CROPS

In the Sacramento Valley, irrigation was a priority for many crops. **Corn** fields continued making good progress. In Stanislaus County, weeds were being sprayed in corn and **sorghum** fields. Corn was sprayed for two spotted mites and spider mites. **Alfalfa** hay and silage were being harvested. Silage corn was making good progress. In the San Joaquin Valley, **cotton** stands were blooming in the advanced stage. In Tulare County, most farmers had finished spreading fertilizer and preparing their fields for planting summer row crops. More acreage of silage corn were being planted by local dairy farmers. **Black-eyed beans** were planted. Alfalfa was being cut, dried, and baled. Cotton fields were being irrigated and treated for pests.

FRUIT CROPS

Middle season varieties of **peaches**, **nectarines**, and **apricots** were harvested. Irrigation continued to reduce heat stress on trees. **Grape** development was ongoing and vineyards continued to be tied and cleared of debris. **Persimmon**, **pomegranate**, and **kiwifruit** development continued. Gold Nugget **mandarins**, Valencia **oranges**, **tangelos**, **grapefruit**, and **lemon** harvests progressed. **Olive** tree fruit began to form. **Blueberry**, **blackberry**, and **strawberry** harvests continued.

NUT CROPS

Weed control and **i**nsecticide spraying took place where necessary. **Almond** hull split continued. **Walnut** and **pistachio** nut fill began.

VEGETABLE CROPS

Growers prepared for the upcoming cherry **tomato** harvest in the Capay Valley. In Stanislaus County, **sweet potatoes, onions, garlic,** and tomatoes grew well. In Tulare County, **cucumbers, eggplants, fava beans, garlic, onions, peppers, sweet corn, tomatillos,** and **zucchini** plants continued to grow. Some early variety tomatoes and **squash** were harvested and sold at roadside stands.

LIVESTOCK

Rangeland and non-irrigated pasture were in poor to fair condition. Non-irrigated pasture continued to dry rapidly. Irrigated range was in good to excellent condition. Bees were active in melon, safflower, and sunflower fields. Sheep grazed on fallow fields and retired farmland. Cattle grazing on deteriorating range received supplemental hay.

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NOTICE: USDA NASS has changed the base temperature used to calculate growing degree days (found in the table below) from 60 ºF to 50 ºF.

CALIFORNIA CROP WEATHER – WEEK ENDING JUNE 26, 2022

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 ºF BASE [1]		RAIN DAYS [2]	PRECIPITATION [3]			
	Average for Week Ending Jun 26, 2022	Departure from Normal [4]	High	Low	This Year Jan 1 - Jun 26, 2022	Normal Year [4] Jan 1 - June 26, 2022	This Season Oct 1 - Jun 26, 2022	This Week Ending Jun 26, 2022	This Season Oct 1 - Jun 26, 2022	Normal Season [4] Oct 1 - Jun 26	Normal Year [4] Oct 1 - Sept 30
	- - Degrees Fahrenheit - -				- - Number - -		- - Days - -	- - Inches of Precipitation - -			
North Coast											
Eureka WFO	56	0	66	44	395	335	109	0.00	25.54	39.31	40.61
Ukiah	77	6	106	49	1,366	1,212	64	0.00	19.55	34.58	35.07
Santa Rosa	70	3	104	48	1,343	1,108	60	0.00	26.19	33.56	34.00
Napa State Hospital	69	3	103	47	1,176	1,058	48	0.00	18.00	20.12	20.36
Central Coast											
San Francisco	67	4	98	53	1,387	1,239	44	0.00	18.18	19.52	19.77
San Jose	76	8	102	55	1,752	1,497	33	0.00	7.31	13.35	13.58
Salinas	NA	NA	NA	NA	NA	1,176	NA	NA	NA	12.49	12.66
Monterey	64	3	92	50	1,322	1,056	40	0.00	10.65	16.13	16.36
Paso Robles	77	6	105	47	1,713	1,300	24	0.00	8.72	12.00	12.24
Sacramento Valley											
Redding	85	6	107	65	2,129	1,757	60	0.00	18.86	32.82	33.70
Red Bluff	85	6	106	64	2,147	1,759	47	0.00	12.66	22.79	23.25
Orland	NA	NA	NA	NA	NA	1,701	NA	NA	NA	21.03	21.52
Oroville	84	7	104	60	2,199	1,803	50	0.00	17.37	25.41	25.84
Marysville	83	7	105	56	1,972	1,672	42	0.00	8.49	19.89	20.21
Sacramento	83	9	105	57	1,900	1,562	43	0.00	14.03	17.79	18.10
San Joaquin Valley											
Stockton	81	5	106	59	1,991	1,813	36	0.00	9.81	13.36	13.53
Modesto	82	6	101	61	1,971	1,842	33	0.00	9.00	12.19	12.34
Merced Macready	83	7	105	56	2,000	1,701	28	0.00	7.45	11.75	11.87
Madera	82	5	105	52	1,862	1,826	23	0.11	2.66	10.75	10.86
Fresno	86	6	106	63	2,452	2,059	24	0.00	6.30	10.90	11.05
Lemoore	81	4	106	52	2,070	1,834	20	0.00	4.03	7.14	7.23
Visalia	81	4	103	54	2,215	1,818	27	0.03	7.27	10.25	10.37
Bakersfield	87	6	104	64	2,440	2,235	21	0.01	5.42	6.31	6.40
Cascade Sierra											
Alturas	64	2	94	32	324	358	63	0.02	7.46	10.73	11.72
Mount Shasta	69	6	95	43	573	469	77	0.00	18.79	36.54	37.86
Blue Canyon	70	5	82	50	642	422	66	0.00	65.28	61.58	62.80
Yosemite Valley	NA	NA	NA	NA	NA	688	NA	NA	NA	39.39	40.65
South Coast											
Santa Maria	63	1	88	50	1,217	1,218	25	0.00	7.81	13.20	13.42
Santa Barbara	66	3	82	55	1,558	1,326	26	0.00	10.54	17.15	17.38
Oxnard	64	-1	76	55	1,652	1,632	25	0.03	11.65	12.82	13.05
Riverside	82	7	101	59	2,691	2,242	23	0.01	4.85	9.13	9.48
Los Angeles	68	1	80	61	2,278	1,991	27	0.00	10.19	12.07	12.33
San Diego	68	0	77	58	1,949	2,211	28	0.00	6.10	9.58	9.87
Southeast Interior											
Bishop	72	-3	100	48	1,354	1,208	12	0.00	4.76	4.46	4.87
Daggett	85	-1	107	60	2,818	2,505	9	0.00	1.09	3.11	3.80
Lancaster	78	-1	102	52	1,922	1,650	16	0.51	4.10	6.53	6.86
Thermal	90	2	109	58	3,530	3,394	6	0.00	0.19	2.39	2.98
Blythe	94	3	110	69	3,871	3,614	5	0.00	0.28	2.58	3.58
Imperial	91	2	108	65	3,627	3,457	2	0.00	0.06	1.94	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	June 26, 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	1,784,418	39	50	1,781,075	39
Lake Oroville	3,537,400	1,760,875	50	65	1,166,448	33
Trinity Lake	2,443,800	719,655	29	38	1,176,488	48
New Melones Reservoir	2,413,000	793,962	33	53	1,237,582	52
San Luis Reservoir	2,057,200	811,424	40	71	696,382	34
Don Pedro Reservoir	4,547,300	1,324,275	65	79	1,265,479	62

Source: cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO

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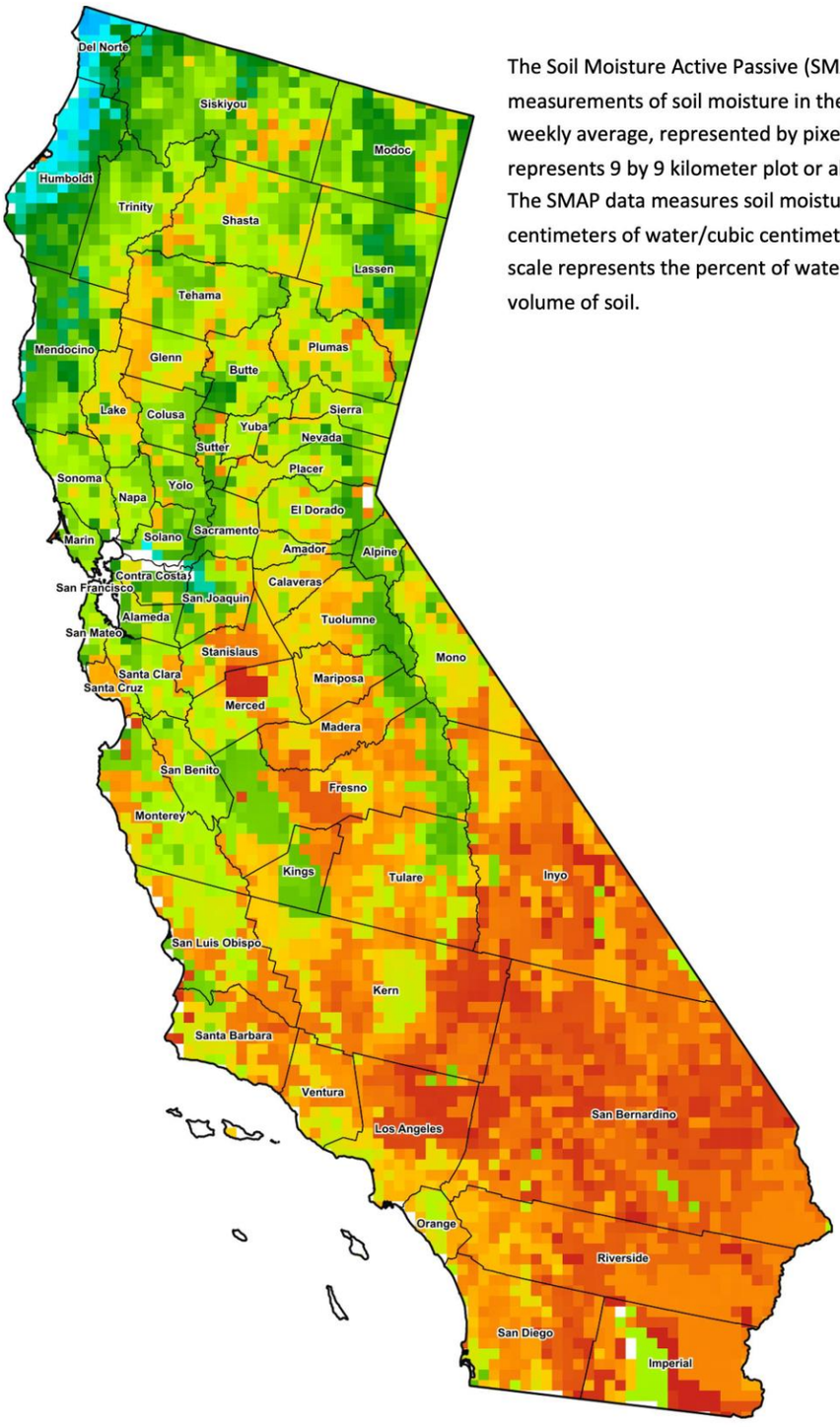
California Soil Moisture Map for the Week of June 13 - 19, 2022



The Soil Moisture Active Passive (SMAP) provides measurements of soil moisture in the root zone as a weekly average, represented by pixels. Each pixel represents 9 by 9 kilometer plot or about 20,000 acres. The SMAP data measures soil moisture in cubic centimeters of water/cubic centimeters of soil. The scale represents the percent of water in a given volume of soil.

Percent Soil Moisture

- 0%
- 5%
- 10%
- 15%
- 20%
- 25%
- 30%
- 35%
- 40%
- 45%
- 50%
- 55%
- 60%
- >65%

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	0.21	2.31	37.67	48.22	11.59	369
Last Week	0.00	0.21	2.31	37.67	48.22	11.59	369
3 Months Ago	0.00	0.00	6.35	55.95	37.69	0.00	331
One Year Ago	0.00	0.00	5.27	9.29	52.12	33.32	413

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