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: July 24, 2022 **FREQUENCY: Weekly**
RELEASED: July 25, 2022 **VOL. 43 NO. 17**

WEATHER

Average lows for California ranged from 40 to 70 in the mountains, 45 to 71 along the coast, 59 to 81 in the valley, and 60 to 92 in the desert. Average highs for the state ranged from 58 to 105 along the coast, 79 to 97 in the mountains, 94 to 107 in the Central Valley, and 100 to 115 in the desert.

FIELD CROPS

In Sutter County, **wheat** harvest was almost complete. In the Sacramento Valley, winter wheat harvest was ending. Fields were prepped for fall plantings. In Stanislaus County, hay and **corn** fields were sprayed for weeds. Corn for fodder was sprayed for armyworm. **Alfalfa** hay and silage were being harvested. In the San Joaquin Valley, **cotton** continued to bloom. Insect activity was moderate. Some cotton fields were being tilled. Across the Central Valley, some growers have stopped irrigating hay fields due to lack of water. In Tulare County, silage corn was in various stages of maturity. Alfalfa continued to be irrigated, cut, and baled. **Bean** fields continued to be treated for weeds and insects.

FRUIT CROPS

Peaches, **nectarines**, and **plums** were harvested. Weed management and irrigation continued. Raisin **grape** varieties were developing. Various table grape varieties were harvested. **Persimmon**, **kiwifruit**, Asian **pear**, and **pomegranate** size continued to develop. **Grapefruit** and **lemon** harvests progressed. **Olives** continued to develop. **Blackberries** were harvested.

NUT CROPS

Weed were sprayed. **Almond** hull split was ongoing. **Walnut** and **pistachio** nut fill continued.

VEGETABLE CROPS

In Colusa, Sacramento, Solano, and Yolo Counties, organic cherry **tomato** and heirloom tomato harvest began. Processing tomato harvest began, Tomatoes were transported to the cannery. In Tulare County**, lettuce**, **onions**, tomatoes, sweet **corn**, and other vegetables continued to be harvested and sold at local markets.

LIVESTOCK

Rangeland and non-irrigated pasture were in poor to fair condition due to the lack of water and extreme heat. Irrigated range remained in good to excellent condition. Bees were active in squash fields. Sheep grazed on fallow fields and retired farmland. Cattle supplemental feeding continued to compensate for poor quality range.

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 JULY 24, 2022

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 ºF BASE [1]		RAIN DAYS [2]	PRECIPITATION [3]			
	Average for Week Ending Jul 24, 2022	Departure from Normal [4]	High	Low	This Year Jan 1 - Jul 24, 2022	Normal Year [4] Jan 1 - July 24, 2022	This Season Oct 1 - Jul 24, 2022	This Week Ending Jul 24, 2022	This Season Oct 1 - Jul 24, 2022	Normal Season [4] Oct 1 - Jul 24	Normal Year [4] Oct 1 - Sept 30
	- - Degrees Fahrenheit - -				- - Number - -		- - Days - -	- - Inches of Precipitation - -			
North Coast											
Eureka WFO	57	-1	64	49	650	556	116	0.01	26.30	39.51	40.61
Ukiah	78	2	102	53	2,072	1,908	66	0.00	19.58	34.61	35.07
Santa Rosa	66	-2	87	45	1,838	1,612	60	0.00	26.19	33.60	34.00
Napa State Hospital	64	-3	80	49	1,637	1,534	48	0.00	18.00	20.14	20.36
Central Coast											
San Francisco	61	-3	71	53	1,765	1,638	44	0.00	18.18	19.53	19.77
San Jose	69	-1	88	53	2,301	2,052	33	0.00	7.31	13.36	13.58
Salinas	NA	NA	NA	NA	NA	1,542	NA	NA	NA	12.50	12.66
Monterey	61	-1	73	53	1,684	1,388	40	0.00	10.65	16.14	16.36
Paso Robles	77	3	105	50	2,443	1,954	24	0.00	8.72	12.06	12.24
Sacramento Valley											
Redding	86	2	107	65	3,066	2,698	60	0.00	18.86	32.93	33.70
Red Bluff	84	1	105	62	3,048	2,659	47	0.00	12.66	22.87	23.25
Orland	NA	NA	NA	NA	NA	2,516	NA	NA	NA	21.07	21.52
Oroville	86	5	105	66	3,107	2,658	50	0.00	17.37	25.46	25.84
Marysville	82	3	104	59	2,799	2,472	42	0.00	8.49	19.91	20.21
Sacramento	82	5	103	60	2,718	2,306	43	0.00	14.03	17.81	18.10
San Joaquin Valley											
Stockton	82	3	104	61	2,795	2,607	36	0.00	9.81	13.36	13.53
Modesto	83	4	103	63	2,789	2,658	33	0.00	9.00	12.20	12.34
Merced Macready	84	5	106	60	2,873	2,519	28	0.00	7.45	11.75	11.87
Madera	84	3	105	59	2,732	2,675	23	0.00	2.66	10.76	10.86
Fresno	89	5	107	70	3,458	2,999	24	0.00	6.30	10.94	11.05
Lemoore	85	4	107	60	2,987	2,682	20	0.00	4.03	7.15	7.23
Visalia	83	2	105	61	3,119	2,666	28	0.07	7.34	10.25	10.37
Bakersfield	90	5	106	71	3,468	3,210	21	0.00	5.42	6.31	6.40
Cascade Sierra											
Alturas	69	0	96	40	805	859	63	0.00	7.46	10.99	11.72
Mount Shasta	73	4	97	49	1,144	980	81	0.00	19.11	36.85	37.86
Blue Canyon	75	4	83	66	1,209	983	66	0.00	65.28	61.64	62.80
Yosemite Valley	NA	NA	NA	NA	NA	1,333	NA	NA	NA	39.69	40.65
South Coast											
Santa Maria	62	-2	81	52	1,592	1,619	25	0.00	7.81	13.23	13.42
Santa Barbara	66	0	75	57	2,004	1,768	26	0.00	10.54	17.17	17.38
Oxnard	66	-1	74	59	2,089	2,106	25	0.00	11.65	12.84	13.05
Riverside	82	3	99	64	3,540	3,039	23	0.00	4.85	9.22	9.48
Los Angeles	71	1	80	64	2,825	2,540	27	0.00	10.19	12.11	12.33
San Diego	71	0	80	65	2,498	2,791	28	0.00	6.10	9.64	9.87
Southeast Interior											
Bishop	83	4	107	60	2,191	1,998	14	0.00	4.85	4.63	4.87
Daggett	94	4	112	75	3,997	3,615	12	0.40	1.66	3.33	3.80
Lancaster	90	7	106	69	2,929	2,555	16	0.00	4.10	6.65	6.86
Thermal	96	4	114	75	4,776	4,547	6	0.00	0.19	2.48	2.98
Blythe	100	4	115	85	5,207	4,874	5	0.00	0.28	2.77	3.58
Imperial	96	2	112	82	4,888	4,660	2	0.00	0.06	2.01	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.

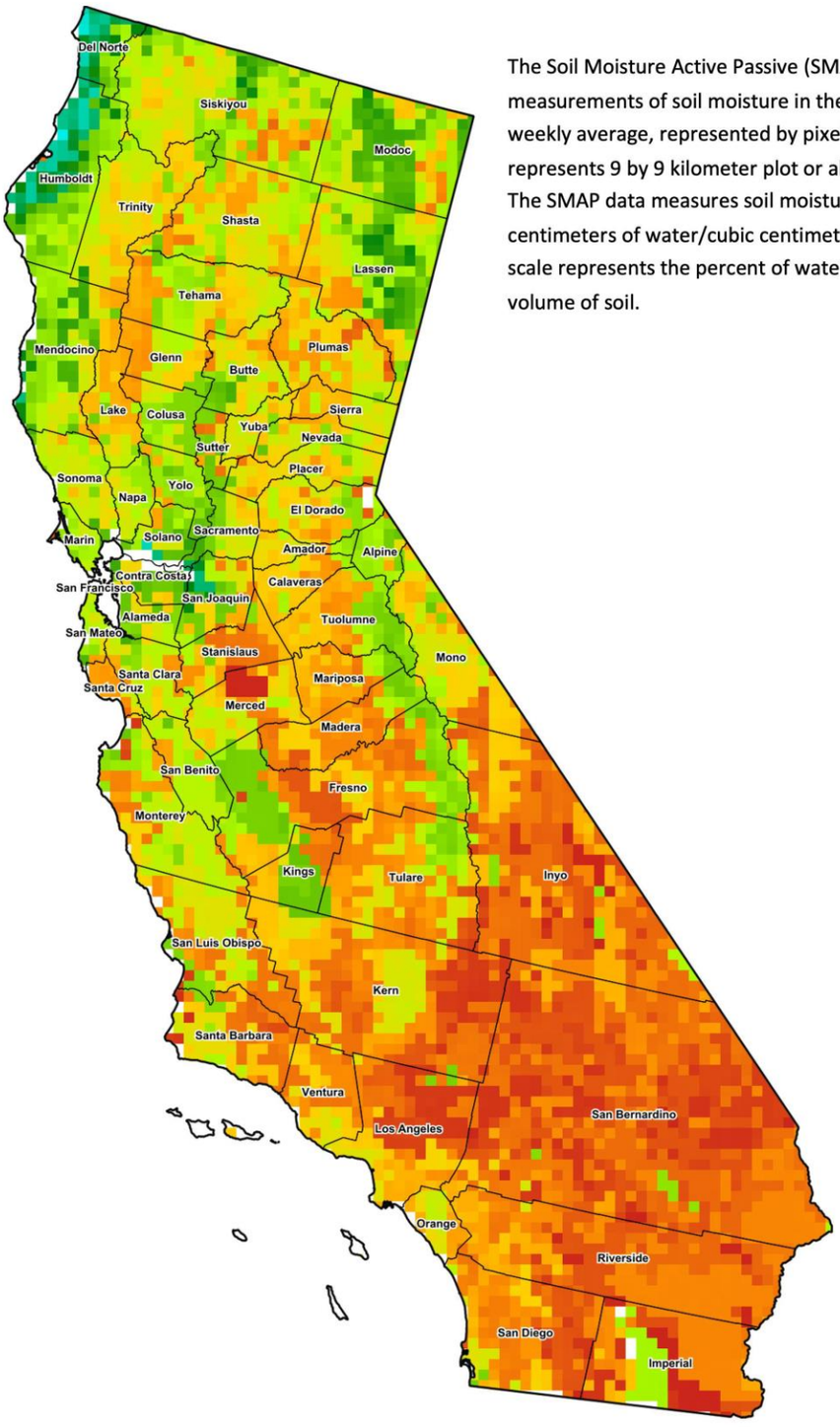
Data retrieved from NOAA and NWS. Calculated by USDA NASS.

Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	July 24, 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	1,705,599	37	53	1,516,670	33
Lake Oroville	3,537,400	1,503,079	42	62	931,012	26
Trinity Lake	2,443,800	675,354	28	38	1,040,550	43
New Melones Reservoir	2,413,000	727,597	30	50	1,080,560	45
San Luis Reservoir	2,057,200	674,740	33	73	467,753	23
Don Pedro Reservoir	4,547,300	1,229,749	61	76	1,173,258	58

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

California Soil Moisture Map for the Week of July 11 - 17, 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	0.22	2.31	37.66	47.07	12.74	370
Last Week	0.00	0.20	2.31	37.67	47.07	12.74	370
3 Months Ago	0.00	0.00	4.82	54.37	40.81	0.00	336
One Year Ago	0.00	0.00	5.25	9.00	52.33	33.42	414

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