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 11, 2023 **FREQUENCY: Weekly**
RELEASED: June 12, 2023 **VOL. 44 NO. 11**

WEATHER

Average low temperatures for California ranged from 31 to 56 in the mountains, 43 to 71 in the desert, 46 to 62 along the coast, and 53 to 70 in the Central Valley. Average high temperatures for the state ranged from 47 to 87 in the mountains, 56 to 91 along the coast, 70 to 101 in the desert, and 74 to 101 in the Central Valley. From the California Department of Water Resources, snowpack water content in the Northern Sierra was 8.40 inches compared to .50 inches this date last year; Central Sierra was 14.20 inches compared to 0.00 inches this date last year; Southern Sierra was 13.30 inches compared to 0.00 inches this date last year.

FIELD CROPS

In the Sacramento Valley, **corn** was in the initial stage of planting. **Winter wheat** continued to be dried down. In Stanislaus County, corn was planted and treated for two-spotted spider mites. **Alfalfa** was harvested for silage and dried for hay. Silage corn and **rice** were sprayed for weeds. Wheat and **oat** hay were dried and prepared for bailing. In the San Joaquin Valley, snowmelt continued to impact low-lying **cotton** fields and flood warnings remained active. Although late, the cotton crop was at the squaring stage. Irrigation began and no insect pressure was reported. In Tulare County, corn, oats, and wheat for silage harvests were in full swing. Crews worked to get winter forage harvested before the crop dried out. Summer crops such as corn and **sorghum** were prepped and fertilized. Cotton and corn silage fields were cultivated and treated for weeds. Corn fields that were planted a month ago were growing rapidly. Alfalfa was cut, raked, and baled.

FRUIT CROPS

Grape vineyards were thinned to allow for sunlight exposure. Stone fruit orchards were thinned and pruned branches were shredded. Stone fruits including **plums** and **nectarines** continued to develop. **Apricots**, **cherries**, and early **peach** varieties were harvested. Peaches for processing were treated for phytophthora and nematodes. Citrus groves were treated for pests and weeds, and some trees were topped. Valencia **orange** harvest continued, while the Navel orange harvest finished. **Lemons**, **grapefruit**, and **mandarins** continued to be picked and packed. Seedless varieties of mandarins remained netted to prevent pollination. **Kiwi** vineyards were leafing out, tied, and irrigated. Apiaries were removed from some kiwi vineyards. **Blueberries** and **strawberries** continued to be picked.

NUT CROPS

Unusually large ant populations were reported in some areas. Ant bait traps were placed in orchards. Other pest pressure was low due to large numbers of predator insects. **Pistachios**, **walnuts**, and **pecans** continued to mature. Nitrogen fertilizer application was winding down. Growers were treating orchards for phytophthora and alternaria. Nut clusters started growing on pistachio trees. Some pistachio growers started small plant bug treatments to protect nutlets. More walnut orchards were removed. **Almond** meat fill was complete in most areas. Almond growers were spraying weeds between rows.

VEGETABLE CROPS

Cherry **tomatoes** progressed in the Capay Valley. **Broccoli** and **cauliflower** were harvested along the Central Coast with above average quality noted. In Tulare County, tomatoes were planted. **Garlic** and **cucumber** harvest began. **Zucchini**, **sweet corn**, **eggplant**, **okra**, **onions**, broccoli, **cabbage**, and **peppers** continued to grow. Stanislaus County onions were harvested. Transplanting of **sweet potatoes** and tomatoes continued.

LIVESTOCK

Cool temperatures and elevated humidity slowed the seasonal drying of rangeland grasses and forbs in some locations. Foothill rangeland and non-irrigated pasture were reported to be in good to excellent condition. Bees were active in some kiwi vineyards and melon fields. Cattle grazed on lower elevation range. Sheep grazed on fallow fields and retired farmland.

CALIFORNIA CROP WEATHER – WEEK ENDING JUNE 11, 2023

STATIONS	TEMPERATURE				GROWING DEGREE DAYS [1] AT 50 ºF BASE [2]		RAIN DAYS [3]	PRECIPITATION [4]			
	Average for Week Ending June 11, 2023	Departure from Normal [5]	High	Low	This Year Jan 1 - Jun 11, 2023	Normal Year [5] Jan 1 - Jun 11, 2023	This Season Oct 1 - Jun 11, 2023	This Week Ending Jun 11, 2023	This Season Oct 1 - Jun 11, 2023	Normal Season [5] Oct 1 - Jun 11	Normal Year [5] Oct 1 - Sept 30
	- - Degrees Fahrenheit - -				- - Number - -		- - Days - -	- - Inches of Precipitation - -			
North Coast											
Eureka WFO	55	-1	61	46	256	234	112	0.02	39.36	39.02	40.61
Ukiah	68	1	91	50	932	910	83	0.00	38.74	34.44	35.07
Santa Rosa	60	-5	72	50	774	853	76	0.02	42.44	33.42	34.00
Napa State Hospital	62	-2	74	52	792	818	70	0.01	29.53	20.02	20.36
Central Coast											
San Francisco	63	1	70	54	913	1,039	73	0.01	31.40	19.47	19.77
San Jose	64	-2	74	54	1,017	1,222	66	0.09	15.32	13.27	13.58
Salinas	NA	NA	NA	NA	NA	992	NA	NA	NA	12.46	12.66
Monterey	58	-2	66	51	531	894	64	0.15	23.80	16.08	16.36
Paso Robles	62	-6	82	46	884	996	64	0.01	20.92	11.98	12.24
Sacramento Valley											
Redding	77	2	99	62	1,363	1,327	77	0.14	39.29	32.52	33.70
Red Bluff	76	2	101	60	1,339	1,342	72	0.03	27.04	22.62	23.25
Orland	NA	NA	NA	NA	NA	1,314	NA	NA	NA	20.89	21.52
Oroville	73	0	96	58	1,367	1,400	70	0.02	26.71	25.28	25.84
Marysville	72	0	96	53	1,213	1,292	57	0.07	22.75	19.78	20.21
Sacramento	70	-1	88	55	1,269	1,208	63	0.00	24.66	17.71	18.10
San Joaquin Valley											
Stockton	69	-3	88	53	1,182	1,435	60	0.00	23.23	13.32	13.53
Modesto	69	-4	87	54	1,144	1,456	65	0.00	20.18	12.14	12.34
Merced Macready	70	-2	85	56	1,222	1,319	53	0.00	19.38	11.71	11.87
Madera	71	-2	87	57	1,300	1,430	51	0.00	11.11	10.69	10.86
Fresno	73	-3	89	62	1,571	1,623	47	0.00	16.35	10.80	11.05
Lemoore	74	1	90	59	1,377	1,438	38	0.00	7.84	7.13	7.23
Visalia	74	1	93	60	1,474	1,421	54	0.00	15.60	10.19	10.37
Bakersfield	72	-5	85	59	1,598	1,783	51	0.37	9.37	6.29	6.40
Cascade Sierra											
Alturas	62	4	83	42	361	183	91	0.92	13.62	10.45	11.72
Mount Shasta	67	7	87	48	556	275	97	0.09	44.26	36.05	37.86
Blue Canyon	57	-3	78	46	416	217	96	1.04	90.24	61.23	62.80
Yosemite Valley	NA	NA	NA	NA	NA	429	NA	NA	NA	39.09	40.65
South Coast											
Santa Maria	59	-2	69	53	646	1,034	56	0.36	23.83	13.18	13.42
Santa Barbara	63	1	69	57	1,055	1,128	51	0.22	28.66	17.10	17.38
Oxnard	63	0	69	57	948	1,415	53	0.06	22.14	12.80	13.05
Riverside	65	-6	78	55	1,372	1,879	51	0.02	13.35	9.12	9.48
Los Angeles	63	-2	69	56	1,296	1,731	56	0.01	23.84	12.04	12.33
San Diego	64	-2	70	58	1,454	1,941	57	0.03	13.88	9.56	9.87
Southeast Interior											
Bishop	65	-5	88	43	796	848	36	0.71	14.38	4.41	4.87
Daggett	75	-6	96	54	1,763	1,977	20	0.01	2.71	3.10	3.80
Lancaster	66	-8	85	49	1,131	1,231	30	0.00	7.04	6.51	6.86
Thermal	80	-4	96	65	2,454	2,834	15	0.00	1.35	2.38	2.98
Blythe	82	-5	101	62	2,691	3,003	17	0.00	1.95	2.57	3.58
Imperial	79	-6	97	61	2,553	2,881	11	0.00	0.84	1.94	2.39

[1] Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.
[2] Previously calculated with 60 degree base. This calcualtion was changed for the 2022 and later seasons.
[3] Total number of days with precipitation events this season.
[4] Rain or melted snow/ice.
[5] Normal periods 1990-2020 used in departure from normal calculations.

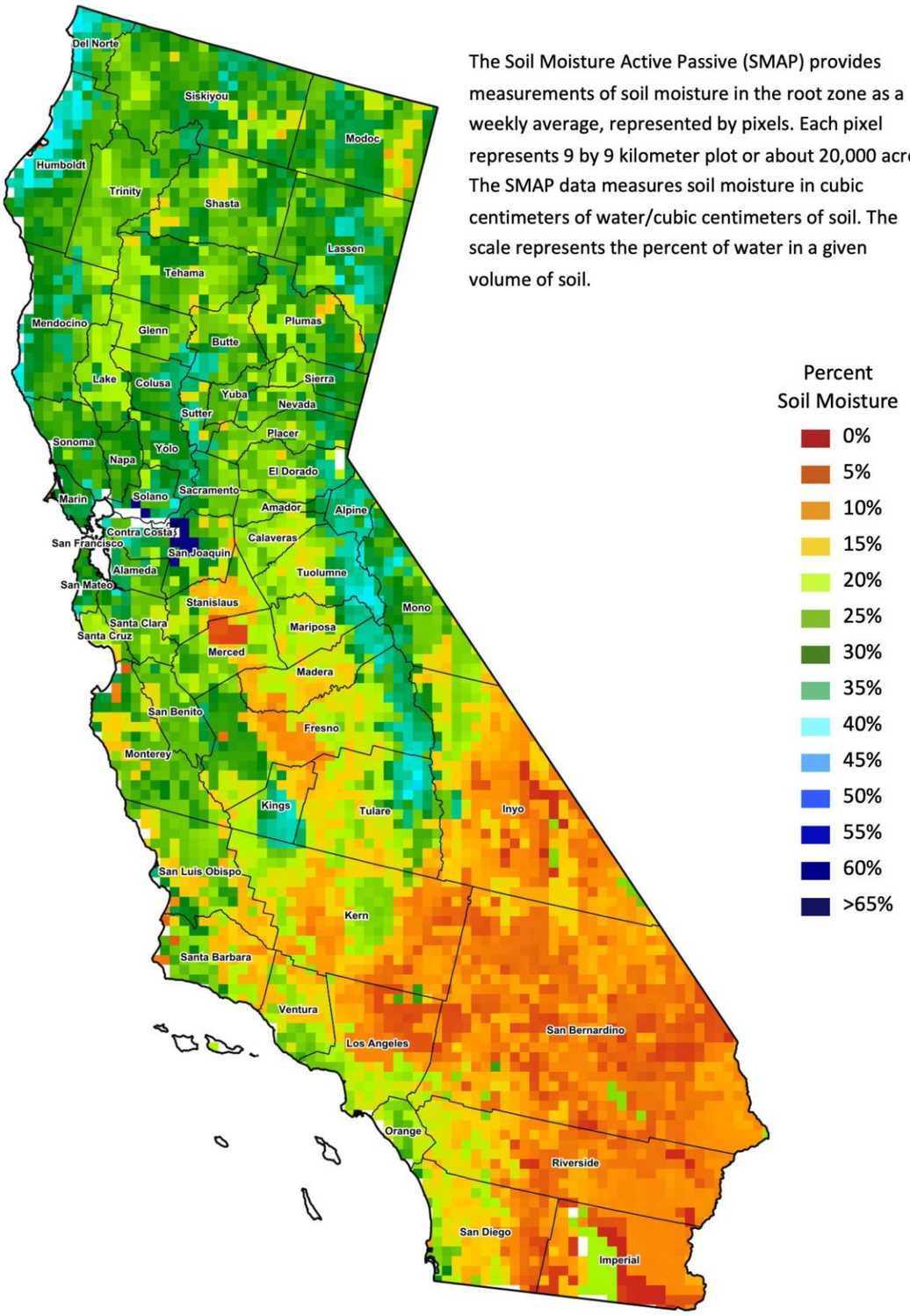
Data retrieved from NOAA and NWS. Calculated by USDA NASS.

Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	June 11, 2023			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	4,423,711	97	119	1,809,021	40
Lake Oroville	3,537,400	3,525,573	100	127	1,865,473	53
Trinity Lake	2,443,800	1,370,609	56	72	735,378	30
New Melones Reservoir	2,413,000	1,932,120	81	129	830,220	35
San Luis Reservoir	2,057,200	2,026,311	99	156	874,543	43
Don Pedro Reservoir	4,547,300	1,643,481	81	100	1,350,633	67

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

California Soil Moisture Map for the week of May 29 - June 4, 2023



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	70.88	24.49	4.63	0.00	0.00	0.00	34
Last Week	70.88	24.49	4.63	0.00	0.00	0.00	34
3 Months Ago	26.84	30.10	24.06	19.00	0.00	0.00	135
One Year Ago	0.00	0.21	2.31	37.67	48.22	11.59	369

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