



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
Pacific Region • 650 Capitol Mall, Suite 6-100 • Sacramento, CA 95814 • (916) 738-6600 • (855) 270-2722 FAX •
www.nass.usda.gov/ca

WEEK ENDING: July 16, 2023
RELEASED: July 17, 2023

FREQUENCY: Weekly
VOL. 44 NO. 16

WEATHER

Average low temperatures for California ranged from 31 to 76 in the mountains, 48 to 69 along the coast, 50 to 93 in the desert, and 52 to 81 in the Central Valley. Average high temperatures for the state ranged from 47 to 98 in the mountains, 61 to 109 along the coast, 82 to 111 in the Central Valley, and 96 to 117 in the desert. From the California Department of Water Resources as of July 17, snowpack water content was 0.60 inches in the Northern Sierra, 0.80 inches in the Central Sierra, and 0.50 inches in the Southern Sierra.

FIELD CROPS

In the Sacramento Valley, the **rice** crop continued to progress. **Wheat** harvest neared completion. **Alfalfa** was cut, raked, and baled. In Stanislaus County, **corn** for silage development continued. Growers sprayed for weeds and armyworm in preparation for harvest. Alfalfa was harvested for silage and dried for hay. **Sudan grass** was sprayed for weeds. In the San Joaquin Valley, the **cotton** crop continued to bloom and boll setting advanced. Producers continued to treat for lygus. In Tulare County, high temperatures necessitated an increase in irrigation. Harvested grain fields were fertilized, tilled, and planted with summer silage crops such as corn and **sorghum**. Dryland wheat harvest continued. Cotton and corn silage fields were cultivated and treated for weeds. Cotton continued to develop. Alfalfa was cut, raked, and baled.

FRUIT CROPS

Grape vineyards were still being thinned to allow for additional sunlight exposure. Grape varieties remained in different stages of development. Stone fruit harvest was in full swing as **apricots**, **nectarines**, **plums**, and **peaches** were being harvested. Late stone fruit varieties continued to develop as field crews thinned trees. Some growers placed reflective tarps on orchard floors to improve color in developing fruit. **Cherry** harvest neared completion. Some trees were topped in citrus groves. Valencia **oranges**, **lemons**, **grapefruit**, and **mandarins** continued to be picked and packed. **Kiwi** vineyards were tied and irrigated. **Pomegranates** continued to develop with fruit setting in some varieties. **Persimmons** were in various stages of development. **Apples** continued to develop. **Strawberry** harvest quickly ended with high temperatures. **Blueberry** bushes were being planted. **Olive** trees were trimmed.

NUT CROPS

The **almond** crop continued to develop as meat fill was completed. Hull split began in some areas but was running very late in others. **Walnuts** and **pecans** continued to mature. **Pistachio** meat fill began in the South Valley and in the north. Pest and disease pressures started to rise with the temperature, and almond rust presence increased in Kern County. Some walnut growers started codling moth sprays.

VEGETABLE CROPS

Cherry **tomato** and heirloom tomato harvest continued in the Capay Valley. Stanislaus County **sweet potatoes**, **pumpkins**, and tomatoes continued to grow with the benefit of the warmer weather. White **onions** had irrigation lines removed before harvest. Some **garlic** was placed in rows or bins for drying. In Tulare County, certified producers continued to sell early summer vegetables such as **sweet corn**, **squash**, **cucumbers**, **peppers**, and tomatoes.

LIVESTOCK

Hot weather continued to degrade non-irrigated pasture. Foothill rangeland and non-irrigated pasture were reported to be in good to fair condition, while irrigated pasture remained in excellent condition. Bees were active in melon fields. Sheep grazed on fallow fields and retired farmland.

CALIFORNIA CROP WEATHER – WEEK ENDING JULY 16, 2023

STATIONS	TEMPERATURE				GROWING DEGREE DAYS ¹ AT 50 °F BASE ²		RAIN DAYS ³	PRECIPITATION ⁴			
	Average for Week Ending Jul 16, 2023	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 - Jul 16, 2023	Jan 1 - Jul 16, 2023	Oct 1 - Jul 16, 2023	Week Ending Jul 16, 2023	Oct 1 - Jul 16, 2023	Oct 1 - Jul 16	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	59	1	64	54	493	488	120	0.00	39.59	39.47	40.61
Ukiah	79	4	108	51	1,750	1,700	83	0.00	38.73	34.61	35.07
Santa Rosa	71	3	99	49	1,351	1,468	77	0.00	42.45	33.60	34.00
Napa State Hospital	68	1	86	48	1,337	1,398	71	0.00	29.54	20.14	20.36
Central Coast											
San Francisco	63	-1	75	54	1,377	1,519	73	0.00	31.40	19.53	19.77
San Jose	71	2	90	55	1,628	1,892	66	0.00	15.32	13.36	13.58
Salinas	NA	NA	NA	NA	NA	1,436	NA	NA	NA	12.49	12.66
Monterey	58	-3	71	49	853	1,292	64	0.00	23.80	16.14	16.36
Paso Robles	77	4	109	49	1,631	1,762	64	0.00	20.92	12.04	12.24
Sacramento Valley											
Redding	86	2	111	64	2,471	2,418	77	0.00	39.29	32.92	33.70
Red Bluff	85	3	109	61	2,394	2,395	73	0.00	27.06	22.86	23.25
Orland	NA	NA	NA	NA	NA	2,280	NA	NA	NA	21.06	21.52
Oroville	84	3	108	59	2,375	2,410	71	0.00	26.72	25.45	25.84
Marysville	81	2	109	53	2,138	2,240	58	0.00	22.76	19.91	20.21
Sacramento	81	5	106	55	2,168	2,090	63	0.00	24.66	17.81	18.10
San Joaquin Valley											
Stockton	81	3	108	53	2,054	2,375	60	0.00	23.23	13.36	13.53
Modesto	80	1	104	55	2,013	2,418	65	0.00	20.18	12.20	12.34
Merced Macready	81	2	107	55	2,138	2,279	53	0.00	19.38	11.75	11.87
Madera	81	1	106	52	2,218	2,427	51	0.00	11.11	10.76	10.86
Fresno	85	1	107	59	2,624	2,720	47	0.00	16.35	10.93	11.05
Lemoore	82	1	110	55	2,343	2,434	38	0.00	7.84	7.15	7.23
Visalia	82	2	105	60	2,457	2,418	54	0.00	15.60	10.25	10.37
Bakersfield	86	1	109	62	2,678	2,922	51	0.00	9.37	6.31	6.40
Cascade Sierra											
Alturas	68	0	93	41	854	700	95	0.00	15.65	10.91	11.72
Mount Shasta	73	4	98	48	1,189	820	101	0.00	45.05	36.79	37.86
Blue Canyon	73	3	91	56	960	808	99	0.00	90.41	61.63	62.80
Yosemite Valley	NA	NA	NA	NA	NA	1,134	NA	NA	NA	39.64	40.65
South Coast											
Santa Maria	62	-2	75	49	1,053	1,499	56	0.00	23.83	13.22	13.42
Santa Barbara	66	0	77	56	1,547	1,633	51	0.00	28.66	17.16	17.38
Oxnard	66	-1	73	57	1,434	1,963	53	0.00	22.14	12.83	13.05
Riverside	83	4	100	60	2,215	2,800	51	0.00	13.35	9.18	9.48
Los Angeles	68	-2	76	59	1,846	2,380	56	0.00	23.85	12.10	12.33
San Diego	71	0	80	63	2,070	2,617	57	0.00	13.88	9.62	9.87
Southeast Interior											
Bishop	78	0	108	50	1,620	1,766	38	0.00	14.40	4.58	4.87
Daggett	93	3	116	68	3,009	3,287	20	0.00	2.71	3.23	3.80
Lancaster	86	4	111	63	2,135	2,287	30	0.00	7.04	6.61	6.86
Thermal	96	5	115	69	3,855	4,211	15	0.00	1.35	2.44	2.98
Blythe	100	5	117	79	4,145	4,506	17	0.00	1.95	2.70	3.58
Imperial	98	5	115	77	3,950	4,308	11	0.00	0.84	1.96	2.39

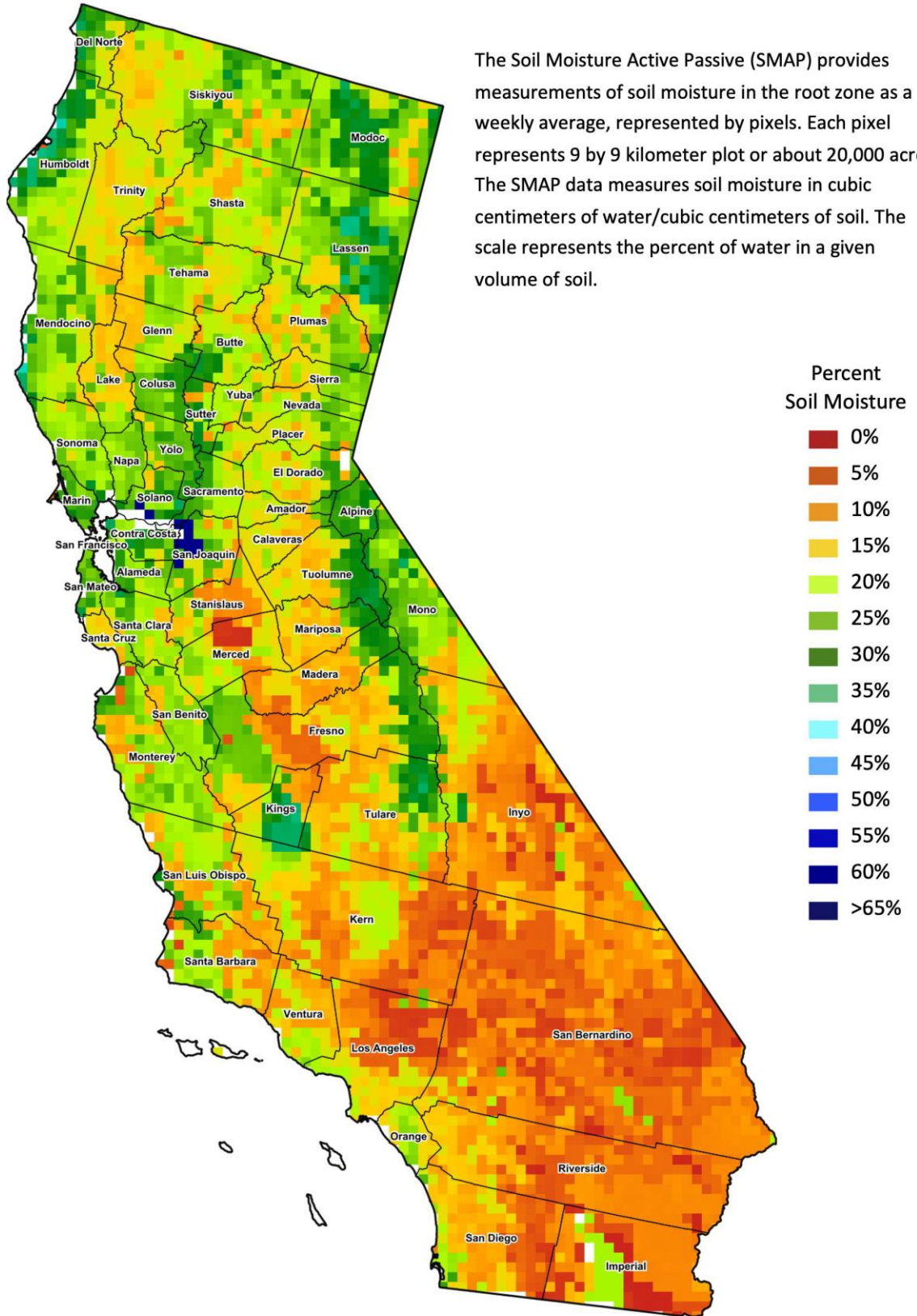
- ¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.
- ² Previously calculated with 60 degree base. This calculation was changed for the 2022 and later seasons.
- ³ Total number of days with precipitation events this season.
- ⁴ Rain or melted snow/ice.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

Data retrieved from NOAA and NWS. Calculated by USDA NASS.
All rights reserved.

Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	July 16, 2023			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	4,090,596	90	123	1,729,679	38
Lake Oroville	3,537,400	3,422,147	97	136	1,568,667	44
Trinity Lake	2,443,800	1,422,244	58	78	689,709	38
New Melones Reservoir	2,413,000	2,066,166	86	140	747,813	31
San Luis Reservoir	2,057,200	1,936,442	95	196	713,004	35
Don Pedro Reservoir	4,547,300	1,942,123	96	119	1,256,477	62

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



Drought Conditions from the U.S. Drought Monitor as of 07/13/2023

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	71.95	21.76	6.29	0.00	0.00	0.00	34
Last Week	71.95	23.42	4.63	0.00	0.00	0.00	33
3 Months Ago	65.67	25.55	8.79	0.00	0.00	0.00	43
One Year Ago	0.00	0.20	2.31	37.67	47.07	12.74	370

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