



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
Pacific Region • P.O. Box 1258 • Sacramento, CA 95812 • (916) 738-6600 • (855) 270-2722 FAX • www.nass.usda.gov/ca

WEEK ENDING: May 8, 2022
RELEASED: May 9, 2022

FREQUENCY: Weekly
VOL. 43 NO. 6

WEATHER

Average lows for California ranged from 21 to 49 in the mountains, 32 to 71 in the desert, 37 to 64 in the Central Valley, and 38 to 61 along the coast. Average highs for the state ranged from 38 to 81 in the mountains, 50 to 89 along the coast, 61 to 93 in the Central Valley, and 69 to 102 in the desert. California DWR CIMIS stations recorded 1,369 chill hours at Gerber; 1,269 chill hours at Williams; 1,343 chill hours at Holt; 1,614 chill hours at Merced; 1,337 chill hours at Fresno; and 1,124 chill hours at Arvin.

FIELD CROPS

In the Sacramento Valley, **rice** and **sunflower** were being planted. Winter **wheat** fields that could not be irrigated had been cut and put into windrows to dry and be baled. In San Joaquin Valley, **cotton** crop was making good progress. **American Pima** planting was complete. **Alfalfa** was being harvested for silage in Stanislaus County. **Oats** and wheat were also being harvested. In Tulare County, winter row crops were coming along nicely, and due to a lack of late season rain some fields were irrigated. Alfalfa was being cut, dried, and baled. Small grains continued maturing in fields. Winter grain fields that have been harvested for silage or hay were being fertilized, tilled, and planted with **corn** or cotton. Corn was growing steadily.

FRUIT CROPS

Hand thinning and irrigation of stone fruit orchards continued. Early stone fruit varieties were harvested. **Cherry** harvest began. **Apples, pears, peaches, plums, and nectarines** continued to develop. A few early peach varieties were harvested. **Grape** vineyards were developing fruit, tied, and drip-irrigated in Tulare County. **Kiwifruit** vineyards were being tied and irrigated. **Persimmon** and **pomegranate** trees were steadily developing. Citrus groves were cleared of beehives. Valencia and Navel **oranges, tangelo, grapefruit, and lemon** harvests were consistent. Some harvests continued to slow down due to high temperatures. Seedless **tangerine** and **mandarin** groves remained netted to prevent cross pollination. **Olive** groves were cleaned of debris and pruned. **Strawberry** and **blueberry** harvests were ongoing.

NUT CROPS

Some orchard floors were cleaned up and weed control continued where necessary. **Almond, walnut, and pistachio** nut development was progressing nicely.

VEGETABLE CROPS

In Colusa, Sacramento, Solano, and Yolo counties, **processing tomato** field transplanting continued, and organic **asparagus** harvest continued. In Riverside County, **green beans** flowered early, causing poor production. Weather caused uneven growth for **sweet corn**. In San Mateo County, **lettuce** and **peas** were harvested. Plantings of **peppers** and **brussels sprouts** were underway. In Tulare County, leaf lettuce was picked and sold at local stands. **Onions** were available for harvest.

LIVESTOCK

Rangeland and non-irrigated pasture were in fair to good condition. High temperatures dried non-irrigated grasses and forbs, reducing available forage. Irrigated range was in good to excellent condition. Sheep grazed on fallow fields and retired farmland. Bees were being removed from citrus groves. Some cattle received supplemental alfalfa and oat hay.

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 MAY 8, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending May 8, 2022	Departure from Normal ⁴	High	Low	This Year	Normal Year ⁴	This Season	This Week	This Season	Normal Season ⁴	Normal Year ⁴
					Jan 1 - May 8, 2022	Jan 1 - May 8, 2022	Oct 1 - May 8, 2022	Week Ending May 8, 2022	Oct 1 - May 8, 2022	Oct 1 - May 8	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	51	-1	61	38	126	63	87	1.43	24.69	37.54	40.61
Ukiah	58	-2	87	39	561	396	56	0.31	18.54	33.48	35.07
Santa Rosa	59	0	80	41	552	414	53	0.03	25.16	32.41	34.00
Napa State Hospital	60	1	82	43	447	393	45	0.00	17.64	19.36	20.36
Central Coast											
San Francisco	58	-1	71	49	752	655	41	0.00	17.91	19.07	19.77
San Jose	62	1	85	49	898	717	30	0.00	7.23	12.93	13.58
Salinas	NA	NA	NA	NA	NA	632	NA	NA	NA	12.16	12.66
Monterey	57	0	69	45	789	591	36	0.00	10.52	15.64	16.36
Paso Robles	63	2	87	40	717	463	24	0.00	8.72	11.75	12.24
Sacramento Valley											
Redding	NA	NA	NA	NA	NA	599	NA	NA	NA	30.80	33.70
Red Bluff	64	-1	89	44	951	622	41	0.00	11.73	21.46	23.25
Orland	NA	NA	NA	NA	NA	636	NA	NA	NA	19.83	21.52
Oroville	66	1	88	47	1,020	696	43	0.00	16.28	24.36	25.84
Marysville	65	0	90	45	814	621	36	0.00	8.08	18.98	20.21
Sacramento	64	0	87	46	778	573	38	0.00	13.61	17.17	18.10
San Joaquin Valley											
Stockton	65	0	91	49	875	751	35	0.00	9.65	12.87	13.53
Modesto	64	-1	88	49	823	763	31	0.00	8.98	11.59	12.34
Merced Macready	66	1	89	48	835	638	27	0.00	7.43	11.27	11.87
Madera	65	-1	87	45	750	727	21	0.00	2.45	10.26	10.86
Fresno	69	2	90	50	1,129	845	22	0.00	6.12	10.38	11.05
Lemoore	67	1	90	47	900	718	19	0.00	3.78	6.84	7.23
Visalia	67	2	91	50	926	716	24	0.00	6.46	9.88	10.37
Bakersfield	70	2	93	51	1,131	971	19	0.00	4.71	6.10	6.40
Cascade Sierra											
Alturas	45	-5	77	21	16	2	52	0.40	6.03	9.15	11.72
Mount Shasta	50	-2	81	28	75	21	62	0.20	17.35	33.93	37.86
Blue Canyon	48	-2	68	27	161	3	54	0.25	61.41	57.53	62.80
Yosemite Valley	NA	NA	NA	NA	NA	78	NA	NA	NA	36.97	40.65
South Coast											
Santa Maria	56	-2	75	43	787	689	24	0.00	7.78	12.92	13.42
Santa Barbara	59	-1	76	49	911	745	24	0.00	10.48	16.76	17.38
Oxnard	58	-2	66	51	1,041	997	25	0.00	11.60	12.53	13.05
Riverside	68	2	89	53	1,628	1,214	21	0.00	4.80	8.98	9.48
Los Angeles	63	0	70	56	1,509	1,228	25	0.00	10.11	11.81	12.33
San Diego	62	-2	69	54	1,246	1,406	25	0.00	5.44	9.35	9.87
Southeast Interior											
Bishop	61	1	91	32	423	275	12	0.00	4.75	4.17	4.87
Daggett	74	3	96	55	1,332	1,036	9	0.00	1.09	3.06	3.80
Lancaster	66	2	87	44	755	524	14	0.00	3.55	6.43	6.86
Thermal	78	2	100	55	1,989	1,758	4	0.00	0.16	2.37	2.98
Blythe	81	4	102	61	2,090	1,860	5	0.00	0.28	2.53	3.58
Imperial	78	3	102	56	1,964	1,816	2	0.00	0.06	1.89	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.

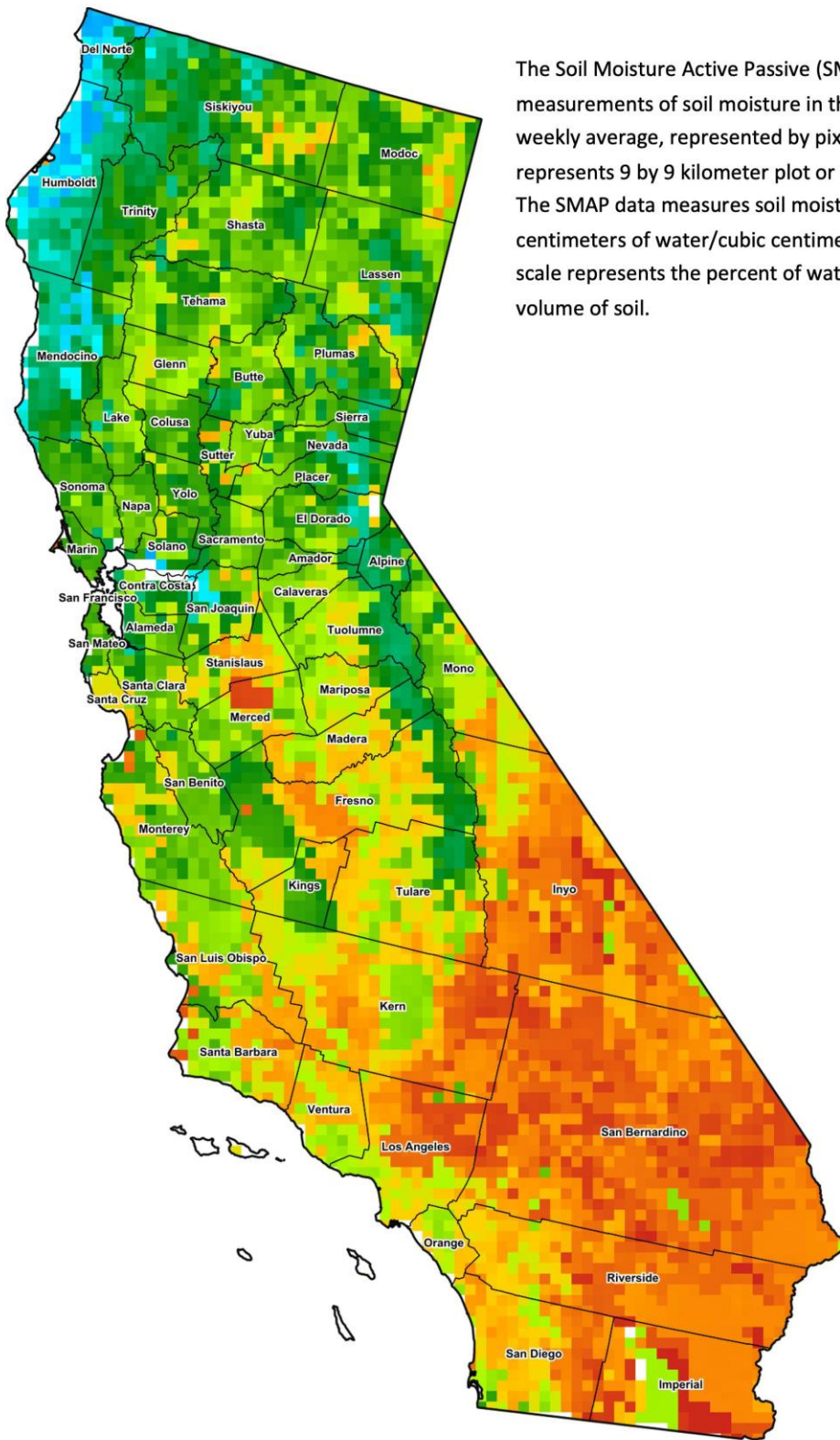
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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

Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	May 07, 2022			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	1,816,419	40	47	2,232,756	49
Lake Oroville	3,537,400	1,939,276	55	70	1,483,559	42
Trinity Lake	2,443,800	759,324	31	40	1,306,279	53
New Melones Reservoir	2,413,000	914,938	38	61	1,445,596	60
San Luis Reservoir	2,057,200	949,455	47	59	1,005,273	49
Don Pedro Reservoir	4,547,300	1,294,907	64	83	1,367,788	67

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



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	Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	0.00	0.00	4.82	54.67	40.51	0.00	336
Last Week	0.00	0.00	4.82	54.62	40.56	0.00	336
3 Months Ago	0.00	0.75	32.86	65.00	1.39	0.00	267
One Year Ago	0.00	2.48	4.63	19.58	67.94	5.36	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