



# 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](http://www.nass.usda.gov/ca)

**WEEK ENDING: April 10, 2022**  
**RELEASED: April 11, 2022**

**FREQUENCY: Weekly**  
**VOL. 43 NO. 2**

## WEATHER

Average lows for California ranged from 14 to 56 in the mountains, 32 to 71 in the desert, 36 to 67 along the coast, and 40 to 63 in the valley. Average highs for the state ranged from 51 to 81 in the mountains, 53 to 99 along the coast, 68 to 100 in the desert, and 71 to 96 in the Central Valley. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 3.90 inches compared to 12.50 inches this date last year; Central Sierra was 7.50 inches compared to 14.30 inches this date last year; Southern Sierra was 6.00 inches compared to 6.60 inches this date last year. California DWR CIMIS stations recorded 1,299 chill hours at Gerber; 1,205 chill hours at Williams; 1,282 chill hours at Holt; 1,554 chill hours at Merced; 1,311 chill hours at Fresno; and 1,102 chill hours at Arvin.

## FIELD CROPS

In the Sacramento Valley, **wheat** crops in non-irrigated fields were looking under stress. Some wheat fields were being cut for hay. In the San Joaquin Valley, **upland cotton** planting finished, and **pima cotton** planting was near completion. In various areas of Tulare County, winter grains were beginning to be harvested for silage. **Corn** was being planted, with some starting to emerge. Wheat and **alfalfa** were doing well with the moderate spring weather. Alfalfa was being cut, dried, and baled. Wheat and **oats** winter forage crops continued to develop. Beds were being prepared in fields for row crops.

## FRUIT CROPS

Some stone fruit orchards continued to bloom, while others have finished. Thinning was done for many stone fruit varieties. **Cherries** were steadily maturing. Due to dry temperatures experienced at the beginning of the year, cherry irrigation began in some areas of the state. **Apricots, apples, pears, and prunes** were leafing out. Spraying for bloom thinning, fire blight, and scab took place for apples. **Peach, plum, kiwi, and nectarine** leaf development was ongoing. **Grape** bud break continued and more young leaves emerged. **Pomegranates** were leafing and pruned where necessary. **Persimmon** and **quince** trees were budding. **Olives** were pruned. Valencia and Navel **oranges, tangelo, lemon, and mandarin** harvests were underway. In some parts of Tulare County, **avocados** were planted where citrus trees had been removed. **Strawberry, blueberry, and blackberry** maturation continued.

## NUT CROPS

Herbicide applications and fertilizing took place. **Almond** bloom was nearly complete with some concerns of a decreased crop due to frost. **Walnut** tree budding and tasseling continued.

## VEGETABLE CROPS

**Onions, sweet corn, and fava beans** entered the early stage of the growing season. **Leaf lettuce** continued to grow, while **garlic** emerged in Tulare County. In Imperial and Riverside Counties, University of California Cooperative Extension faculty continued to develop research and extension programs focused on pest, disease management, and plant nutrient management in vegetable agroecosystems.

## LIVESTOCK

Rangeland and non-irrigated pasture were reported to be in good condition, although hot temperatures promoted drying. Sheep grazed on fallow fields and retired farmland. Some beehives were placed near citrus groves. Cattle grazed on lower elevation range.

**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 APRIL 10, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE <sup>1</sup>		RAIN DAYS <sup>2</sup>	PRECIPITATION <sup>3</sup>			
	Average for Week Ending Apr 10, 2022	Departure from Normal <sup>4</sup>	High	Low	This Year	Normal Year <sup>4</sup>	This Season	This Week	This Season	Normal Season <sup>4</sup>	Normal Year <sup>4</sup>
					Jan 1 - Apr 10, 2022	Jan 1 - Apr 10, 2022	Oct 1 - Apr 3, 2022	Week Ending Apr 10, 2022	Oct 1 - Apr 10, 2022	Oct 1 - Apr 10	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
<b>North Coast</b>											
Eureka WFO	49	-1	61	36	74	8	77	0.48	18.54	34.88	40.61
Ukiah	59	5	93	39	400	163	46	0.00	15.98	31.71	35.07
Santa Rosa	62	7	89	41	389	199	47	0.00	23.37	30.88	34.00
Napa State Hospital	60	5	87	38	274	182	39	0.00	16.54	18.43	20.36
<b>Central Coast</b>											
San Francisco	61	4	89	50	532	416	36	0.00	17.16	18.18	19.77
San Jose	64	6	92	49	598	426	26	0.00	7.01	12.19	13.58
Salinas	NA	NA	NA	NA	NA	413	NA	NA	NA	11.54	12.66
Monterey	60	5	93	44	583	410	35	0.00	10.04	14.95	16.36
Paso Robles	64	8	96	38	445	203	22	0.00	8.50	11.36	12.24
<b>Sacramento Valley</b>											
Redding	65	8	90	40	659	258	43	0.00	15.45	28.90	33.70
Red Bluff	66	8	90	49	631	277	36	0.00	11.09	20.20	23.25
Orland	NA	NA	NA	NA	NA	290	NA	NA	NA	18.74	21.52
Oroville	67	9	92	47	643	329	37	0.00	15.10	23.03	25.84
Marysville	65	8	89	43	479	278	32	0.00	7.17	17.92	20.21
Sacramento	65	8	87	44	464	252	33	0.00	12.95	16.29	18.10
<b>San Joaquin Valley</b>											
Stockton	67	8	93	45	523	377	29	0.00	9.04	12.07	13.53
Modesto	66	7	91	48	508	385	29	0.00	8.77	10.84	12.34
Merced Macready	65	7	93	44	481	291	24	0.00	6.70	10.43	11.87
Madera	NA	NA	NA	NA	NA	354	NA	NA	NA	9.61	10.86
Fresno	69	9	95	49	714	426	21	0.00	6.00	9.66	11.05
Lemoore	68	9	96	45	534	336	19	0.00	4.01	6.45	7.23
Visalia	66	7	92	46	601	350	25	0.00	7.12	9.23	10.37
Bakersfield	68	7	96	49	700	525	18	0.00	5.02	5.67	6.40
<b>Cascade Sierra</b>											
Alturas	42	0	78	14	3	0	40	0.01	4.82	7.82	11.72
Mount Shasta	48	3	81	28	53	0	54	0.00	15.33	31.82	37.86
Blue Canyon	54	11	73	37	144	0	47	0.00	52.17	53.26	62.80
Yosemite Valley	NA	NA	NA	NA	NA	0	NA	NA	NA	34.10	40.65
<b>South Coast</b>											
Santa Maria	64	8	92	45	522	470	23	0.00	7.41	12.31	13.42
Santa Barbara	67	10	91	46	622	490	23	0.00	10.26	16.16	17.38
Oxnard	64	6	96	50	802	722	23	0.00	11.37	12.04	13.05
Riverside	72	10	99	51	1,117	801	21	0.00	4.63	8.54	9.48
Los Angeles	69	9	96	54	1,111	884	24	0.00	9.94	11.41	12.33
San Diego	66	4	94	53	894	1,012	26	0.00	6.07	8.90	9.87
<b>Southeast Interior</b>											
Bishop	62	9	87	32	224	56	12	0.00	4.76	4.00	4.87
Daggett	72	9	92	51	752	527	8	0.00	1.02	2.93	3.80
Lancaster	66	9	90	41	365	199	13	0.00	3.49	6.19	6.86
Thermal	76	7	100	50	1,157	1,098	6	0.00	0.19	2.34	2.98
Blythe	79	9	100	57	1,279	1,165	5	0.00	0.28	2.48	3.58
Imperial	76	7	100	56	1,218	1,164	2	0.00	0.06	1.83	2.39

<sup>1</sup> 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.

<sup>2</sup> Total number of days with precipitation events this season.

<sup>3</sup> Rain or melted snow/ice.

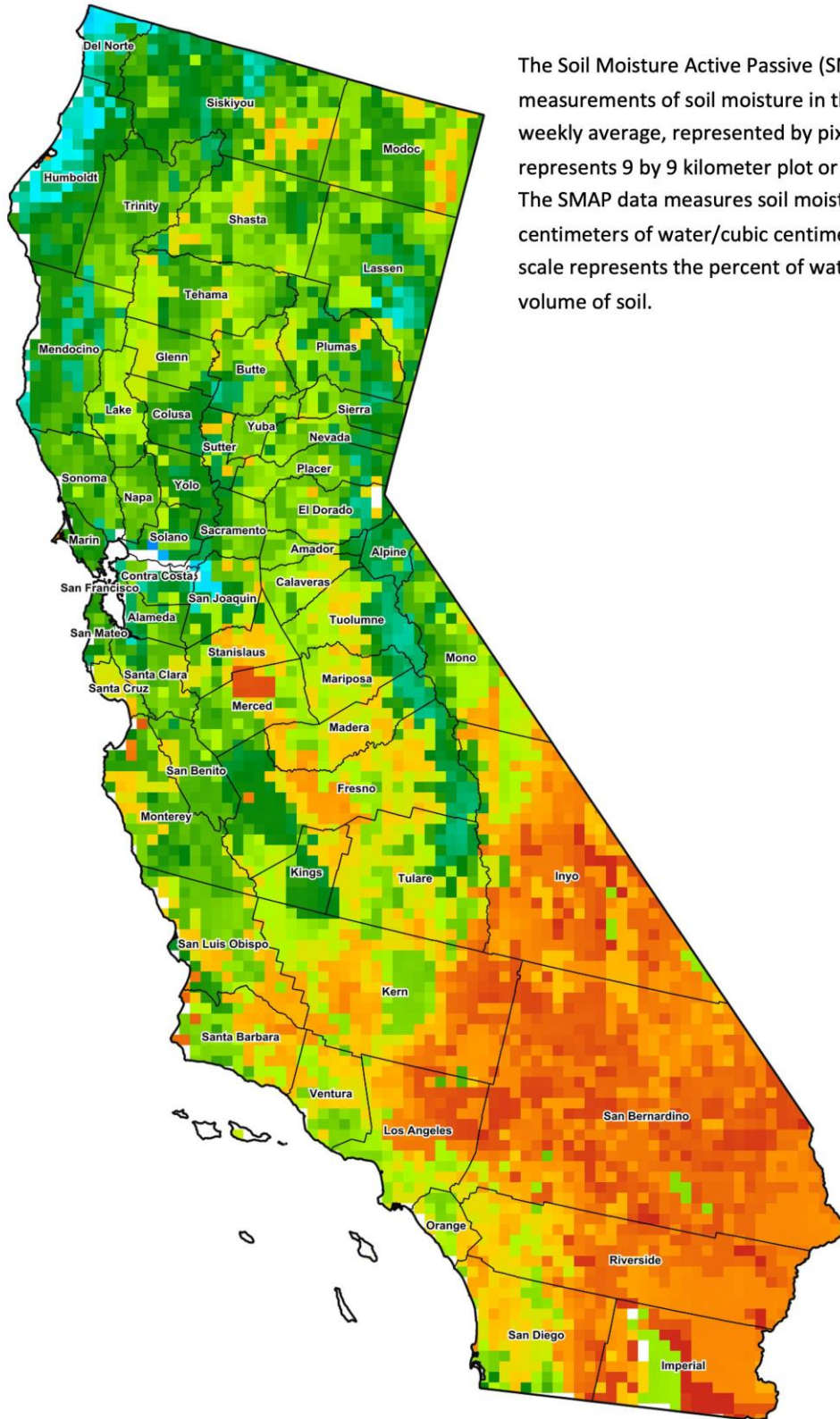
<sup>4</sup> Normal periods 1990-2020 used in departure from normal calculations.

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

### Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	April 10, 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	1,741,067	38	47	2,394,792	53
Lake Oroville	3,537,400	1,697,783	48	66	1,467,952	41
Trinity Lake	2,443,800	805,369	33	44	1,308,893	53
New Melones Reservoir	2,413,000	927,456	39	62	1,521,371	63
San Luis Reservoir	2,057,200	929,947	46	53	1,084,061	53
Don Pedro Reservoir	4,547,300	1,264,577	62	82	1,388,011	68

Source: [cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO](http://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.



**Drought Conditions from the U.S. Drought Monitor**

Time	Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	0.00	0.00	6.35	52.97	40.67	0.00	334.00
Last Week	0.00	0.00	6.35	53.40	40.25	0.00	334.00
3 Months Ago	0.00	0.70	31.68	51.01	15.76	0.84	284.00
One Year Ago	0.77	6.58	22.97	34.27	30.06	5.36	302.00

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](http://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA)