



# California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture  
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**WEEK ENDING: April 3, 2022**  
**RELEASED: April 4, 2022**

**FREQUENCY: Weekly**  
**VOL. 43 NO. 1**

## WEATHER

Average lows for California ranged from 16 to 45 in the mountains, 36 to 63 in the desert, 36 to 58 along the coast, and 39 to 58 in the valley. Average highs for the state ranged from 37 to 68 in the mountains, 52 to 81 along the coast, 54 to 88 in the desert, and 59 to 86 in the Central Valley. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 6.80 inches compared to 16.70 inches this date last year; Central Sierra was 10.80 inches compared to 17.50 inches this date last year; Southern Sierra was 9.60 inches compared to 9.40 inches this date last year. California DWR CIMIS stations recorded 1,294 chill hours at Gerber; 1,203 chill hours at Williams; 1,282 chill hours at Holt; 1,554 chill hours at Merced; 1,307 chill hours at Fresno; and 1,102 chill hours at Arvin.

## FIELD CROPS

Across the Sacramento Valley, **wheat** fields were heading out and were in good condition. **Rice** fields were prepared for planting. In the San Joaquin Valley, **cotton** plantings were paused due to wet and cool conditions. In Tulare County, **alfalfa** was cut and baled for hay. Other field crops were growing steadily. Rain earlier in the week provided some moisture, but irrigation continued to be needed. Cotton fields were prepared for planting.

## FRUIT CROPS

Some stone fruit orchards continued to bloom, while others have finished, and small fruit has appeared on the trees. **Cherry** orchards were in full bloom. **Apricots, apples, pears, and prunes** were leafing out. **Grape** bud break has begun and more young leaves have emerged. **Pomegranates** were leafing and pruned where necessary. **Persimmon** and **quince** trees started to bud out. **Olives** were pruned. Citrus groves were being topped and skirted. Valencia and Navel **oranges**, Tangelo, and Mandarin harvests were underway. Seedless **tangerine** trees remained netted to prevent cross pollination. In some parts of Tulare County, **avocados** were planted where citrus trees were removed. **Strawberry** and **blueberry** maturation continued.

## NUT CROPS

Herbicide applications and fertilizing took place. **Almond** bloom was nearly complete. There were some reports of damage from the freeze several weeks ago. **Walnut** trees began to bud out.

## VEGETABLE CROPS

In Tulare County, **garlic** emerged. **Onions** and leaf **lettuce** continued to grow. In Colusa, Sacramento, Solano, and Yolo counties, processing **tomato** fields were planted at a steady pace. In Stanislaus County, fields were prepared for **sweet corn**.

## LIVESTOCK

Rangeland and non-irrigated pasture were in good condition. Bees were active in some late stone fruit orchards. Sheep grazed on fallow fields and retired farmland. Cattle were grazing 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 3, 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 3, 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 3, 2022	Jan 1 - Apr 3, 2022	Oct 1 - Apr 3, 2022	Week Ending Apr 3, 2022	Oct 1 - Apr 3, 2022	Oct 1 - Apr 3	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
<b>North Coast</b>											
Eureka WFO	49	-1	61	36	73	1	75	0.06	18.06	33.86	40.61
Ukiah	56	2	79	39	334	128	46	0.08	15.98	30.93	35.07
Santa Rosa	56	2	79	38	302	160	47	0.31	23.37	30.24	34.00
Napa State Hospital	54	0	74	38	199	147	39	0.22	16.54	18.05	20.36
<b>Central Coast</b>											
San Francisco	56	0	72	47	452	367	36	0.00	17.16	17.77	19.77
San Jose	59	2	78	45	499	369	26	0.18	7.01	11.88	13.58
Salinas	57	1	70	43	599	364	26	0.23	6.87	11.25	12.66
Monterey	55	1	67	45	509	375	35	0.12	10.04	14.63	16.36
Paso Robles	58	3	81	40	339	160	22	0.93	8.50	11.18	12.24
<b>Sacramento Valley</b>											
Redding	62	6	81	41	552	203	43	0.28	15.45	28.23	33.70
Red Bluff	62	6	82	45	514	220	36	0.29	11.09	19.79	23.25
Orland	61	4	77	47	573	231	37	0.32	10.90	18.36	21.52
Oroville	60	3	82	45	522	268	37	0.15	15.10	22.52	25.84
Marysville	57	1	82	39	376	223	32	0.23	7.17	17.51	20.21
Sacramento	58	2	81	40	358	200	33	0.97	12.95	15.93	18.10
<b>San Joaquin Valley</b>											
Stockton	60	2	83	45	404	310	29	0.36	9.04	11.74	13.53
Modesto	60	2	82	45	393	317	29	0.51	8.77	10.54	12.34
Merced Macready	60	3	84	41	372	233	24	0.38	6.70	10.11	11.87
Madera	59	1	83	42	368	289	18	0.00	1.82	9.36	10.86
Fresno	62	3	83	48	580	351	21	0.54	6.00	9.37	11.05
Lemoore	61	3	84	45	408	270	19	0.46	4.01	6.31	7.23
Visalia	63	5	86	48	488	285	25	0.46	7.12	8.94	10.37
Bakersfield	63	3	80	50	570	443	18	0.47	5.02	5.50	6.40
<b>Cascade Sierra</b>											
Alturas	43	2	64	16	1	0	39	0.02	4.81	7.48	11.72
Mount Shasta	49	5	68	30	38	0	54	0.11	15.33	30.96	37.86
Blue Canyon	47	5	61	35	105	0	47	0.09	52.17	51.91	62.80
Yosemite Valley	43	-4	59	30	65	0	36	0.65	23.17	33.10	40.65
<b>South Coast</b>											
Santa Maria	54	-2	64	44	419	421	23	1.02	7.41	12.03	13.42
Santa Barbara	55	-2	70	44	502	434	23	1.27	10.26	15.89	17.38
Oxnard	56	-2	63	48	696	665	23	1.06	11.37	11.83	13.05
Riverside	60	-1	74	47	959	716	21	0.49	4.63	8.39	9.48
Los Angeles	59	-1	65	52	977	807	24	1.09	9.94	11.23	12.33
San Diego	60	-2	68	54	784	921	26	0.70	6.07	8.70	9.87
<b>Southeast Interior</b>											
Bishop	56	4	78	36	134	29	12	0.25	4.76	3.94	4.87
Daggett	66	4	85	47	592	431	8	0.00	1.02	2.85	3.80
Lancaster	58	2	80	39	250	147	13	0.29	3.49	6.07	6.86
Thermal	70	2	88	45	972	961	6	0.01	0.19	2.31	2.98
Blythe	71	2	87	51	1,077	1,021	5	0.00	0.28	2.45	3.58
Imperial	69	1	86	52	1,032	1,026	2	0.00	0.06	1.80	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.

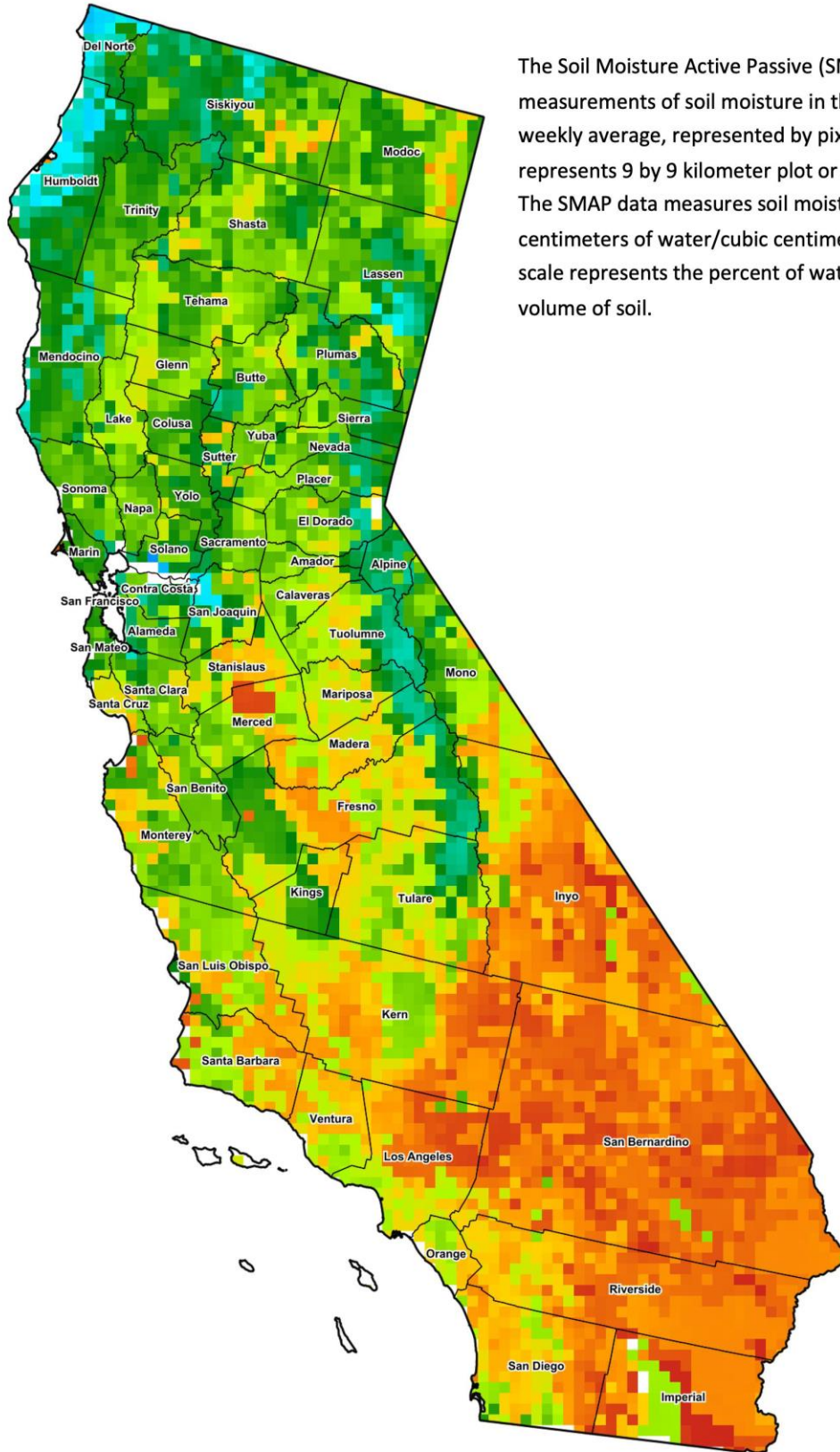
<sup>4</sup> Normal periods 1990-2020 used in departure from normal calculations.

Data retrieved from NOAA and NWS. Calculated by USDA NASS.  
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### Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	April 3, 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	1,738,098	38	48	2,396,342	53
Lake Oroville	3,537,400	1,685,866	48	67	1,444,125	41
Trinity Lake	2,443,800	807,970	33	45	1,297,497	53
New Melones Reservoir	2,413,000	931,449	39	62	1,533,305	64
San Luis Reservoir	2,057,200	927,994	45	53	1,109,132	54
Don Pedro Reservoir	4,547,300	1,256,477	62	82	1,388,980	68

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



**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	53.40	40.25	0.00	334
Last Week	0.00	0.00	6.35	55.95	37.69	0.00	331
3 Months Ago	0.00	0.00	13.72	53.35	32.10	0.84	320
One Year Ago	0.77	8.57	26.64	32.26	26.40	5.36	291

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)