



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER

A large-scale troughing played a major factor in the weather. A dry airmass moved over the State from the east, allowing for some of the coldest temperatures yet this season. Lows dropped as cold as -10s in the mountains, although 0 to 20s were more common. Lows reached 20s to 30s in the valley, 20s to 40s across the desert, and 40s to 50s along the coast. Highs were 20s to 40s in the mountains, 40s to 60s across the valley and deserts, and 50s to 60s along the coast.

On Monday, up to 0.25 inches of rain fell across most areas, with snow showers in the mountains dropping up to 3 inches of new snow. On Tuesday, light scattered showers fell in areas north of I-80, with an additional 1 to 2 inches of snow in the mountains. Precipitation was limited to the northern mountains on Wednesday through Friday as a dry airmass moved into the area, with little to no new accumulations at these locations. On Saturday, there was widespread rain and snow, but the airmass was so dry that most of this amounted to no measurable precipitation. On Sunday, scattered rain showers moistened the northern coast and areas from Los Angeles southward and spreading into the western deserts, where up to 0.20 inches of rain fell. Snowpacks were in good shape across the northern mountains and the Sierras, with little to no snowmelt and up to 2 to 4 inches of new snowfall in various locations.

FIELD CROPS

Field cultivation continued. Small grain forage were developing. In Fresno County, **alfalfa** went dormant due to frost. In Tulare County, winter crops such as **wheat** were thriving with a good mixture of rain and sunshine.

FRUIT CROPS

Post-harvest pruning and orchard removal continued in all deciduous tree fruit orchards and vineyards. Pushed-out orchards and vineyards continued to be cleaned up with burning, ripping, and fumigation in preparation for spring planting. Natural condition **prunes** and **pomegranates** continued to be packed and shipped. **Kiwifruit** were packed for the domestic market. Exports of citrus fruit have slowed after Christmas and with the New Year holiday. Navel **oranges** continued to be exported. Blood oranges were starting to enter the markets. Mandarin oranges, Cara Cara oranges, **lemons**, Gold and Oro Blanco hybrid **grapefruit**, and **pomelos** continued to be picked and packed. Frost protection measures continued due to the cold weather. Some immature orange trees remained covered to protect them from freezing temperatures.

NUT CROPS

Almonds, **pistachios**, shelled and in-shell **walnuts**, and shelled **pecans** continued to be packed and shipped. Nut orchards continued to be pruned, irrigated, and treated in preparation for their dormant season. Orchard replanting continued.

VEGETABLE CROPS

In Fresno County, winter **carrot** harvest finished last Thursday. Processing **tomato** fields were about 90% ready. Dehydrator **onions** planting finished and other onions will be planted soon. Early seed was up to a good stand and herbicide was applied. Organic **kale** for seed stand was a little spotty. Conventional kale, **arugula**, and **mazuna** for seed looked good. Ditches and preparations were underway for rain the next 10 days or so. In Madera County, some onions for seed were planted. In Tulare County, **strawberry** fields looked to be in good shape for spring harvest. **Blueberries** were still planted. Some winter vegetables were well established. Fall vegetable harvest was ending and fields were prepared for late winter and spring plantings.

LIVESTOCK

In Sutter County, recent rains continued to benefit the lower elevation pasture growth. Sheep and goats continued to graze in fallow fields and on stubble alfalfa. In San Luis Obispo County, cattle were still being supplemented. In Fresno County, conditions in permanent pastures have improved but rains have caused problems for dairies in their corrals hindering the clean-up of corrals.

CALIFORNIA CROP WEATHER – WEEK ENDING 1/4/2016

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 1/4/2016	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1-1/4/2016	January 1-1/4/2016	July 1-1/4/2016	Week Ending 1/4/2016	July 1-1/4/2016	July 1-1/4/2016	July 1-June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	44	-4	53	30	0	0	63	0.54	22.11	16.49	38.10
Ukiah	40	-6	54	25	0	0	37	0.31	12.78	14.98	38.90
Santa Rosa AP	42	-7	56	24	0	0	29	0.04	7.83	11.79	31.01
Napa State Hosp	42	-5	57	27	0	0	32	0.02	6.83	10.05	26.46
Central Coast											
San Francisco A	46	-4	54	36	0	0	21	0.13	6.14	7.09	20.11
San Jose AP	45	-5	57	32	0	0	20	0.15	4.70	5.21	15.08
Salinas AP	47	-4	61	32	0	0	22	0.02	5.20	4.41	12.91
Monterey AP	47	-5	59	31	0	0	27	0.09	7.74	7.05	20.35
King City Ag	44	-6	60	25	0	0	24	0.02	2.71	3.95	12.30
Paso Robles AP	43	-5	62	24	0	0	18	0	4.13	4.02	13.08
Sacramento Valley											
Redding	44	-2	56	32	0	0	33	0.06	10.61	12.19	33.52
Red Bluff	42	-4	55	30	0	0	30	0.02	6.74	9.08	24.07
Willows 6W	42	-3	57	28	0	0	24	0.04	5.23	6.87	19.03
Oroville AP	42	-3	54	29	0	0	34	0.00	6.02	10.66	28.75
Marysville	41	-5	54	26	0	0	23	0.01	6.14	8.33	22.07
Sacramento AP	41	-4	53	27	0	0	23	0.01	3.77	6.31	17.93
San Joaquin Valley											
Stockton	41	-5	53	27	0	0	28	0.11	5.55	5.07	13.84
Modesto AP	43	-4	59	30	0	0	20	0.03	4.40	4.50	13.12
Merced Macready	42	-3	57	28	0	0	20	0.05	3.72	4.18	12.50
Madera AP	43	0	61	27	0	0	23	0.00	4.91	3.88	11.94
Fresno AP	42	-3	54	29	0	0	26	0	5.78	3.55	11.23
Lemoore NAS	41	-3	58	25	0	0	17	0	2.59	2.45	7.89
Visalia AP	41	-3	59	26	0	0	23	0	4.20	3.77	11.03
Bakersfield AP	42	-5	57	27	0	0	14	0	1.33	1.97	6.49
Cascade Sierra											
Alturas AP	16	-14	34	-15	0	0	54	0.50	8.29	4.88	12.13
Mount Shasta AP	29	-6	41	8	0	0	49	0.21	11.87	14.93	39.16
Blue Canyon	30	-9	41	20	0	0	35	0.07	24.87	24.75	66.36
Yosemite Valley	33	-4	51	17	0	0	36	0.01	17.98	13.89	37.73
South Coast											
Santa Maria AP	48	-4	65	31	0	0	22	0.02	2.04	4.13	14.01
Santa Barbara A	49	-4	63	32	0	0	14	0	1.14	4.93	16.93
Oxnard NWS	51	-5	65	35	0	0	11	0	1.72	4.56	15.62
Riverside AP	51	-5	69	33	0	0	20	0.04	5.00	2.78	10.22
Los Angeles AP	52	-5	67	39	0	3	17	0	3.40	3.95	13.15
San Diego AP	54	-4	65	43	0	3	27	0.19	5.83	3.33	10.77
Southeast Interior											
Bishop AP	28	-10	45	8	0	0	10	0	1.05	1.90	5.02
Daggett AP	38	-10	54	18	0	0	18	0	1.62	2.04	4.17
Lancaster ATC	35	-8	53	14	0	0	16	0	4.32	2.37	7.40
Thermal	46	-8	66	21	0	0	6	0.02	1.31	1.67	3.53
Blythe AP	46	-7	65	26	0	0	10	0	1.16	2.44	4.02
Imperial CA	48	-7	65	31	0	0	6	0.03	0.34	1.75	2.96

1/ Precipitation (rain or melted snow/ice).

2/ Normal periods 1970-2000 used in Departure From Normal calculations.

3/ Total number of days with precipitation events this season.

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