



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER

Temperatures for the week averaged 1 to 3 degrees above normal in the north and 1 to 3 degrees below normal in the east and south. Lows reached single digits in the mountains, 20s in the east, and 40s in the central valley and south coast. High temperatures were mostly 40s in the north, 50s in the central region, and 60s in the south.

The heaviest precipitation fell early in the week. Locations in the valleys and along the coast reported up to 2 inches of rain. Some locations, especially in the northern Sierra foothills, received 4 to 5 inches of rain. The lightest rains fell across the interior deserts, which still tallied over a quarter inch of rain for the week. At higher elevations, the precipitation fell mostly as snow but even lower elevation mountain ranges in the southern parts of the State received some snowfall. The heaviest snow fell across the far northern mountains and the northern Sierras, where some locations received 5 to 6 feet of snow. In general, 1 to 3 feet of new snowfall was common. Some snow fell over a few of the lower elevations across the north and in some of the valleys in the Sierra range, with accumulations from 6 to 8 inches. The heaviest snowpacks existed along the main ridge of the Sierras, where snow depths in places were approaching 8 feet and possibly exceeding 12 feet. Snow cover was almost nonexistent west of the Sierras, with the exception of some of the mountain ridges bordering the southern and northwestern rims of the Central Valley.

FIELD CROPS

Winter grains and field crops benefited from the ongoing precipitation. Growers were shaping soil beds and preparing ground for next year's crop. In Kern County, **potatoes** were harvested and new fields were planted. In Fresno County, recent rains led to favorable growth of fall and winter plantings of **barley**, **oats**, and **wheat**. Some grain fields were treated with herbicides. Straw was harvested and shipped. The last cuts were made to **alfalfa**. Alfalfa seed was planted and growing nicely. The **sorghum** harvest was completed. **Cotton** fields were bedded up, shredded, and disked.

FRUIT CROPS

Postharvest pruning and orchard replanting continued in deciduous tree fruit orchards. **Pomegranates** and **kiwifruit** were picked and shipped. Harvest was ongoing for citrus including Navel, Cara Cara, mandarin, and blood **oranges**. The **grapefruit**, **pumelo**, **lemon** and **tangelo** harvest continued. In Tulare County, exports of citrus fruit have started to pick up. Frost protection measures were underway when the cold weather dictates. Some immature orange trees remained covered to protect them from freezing temperatures. Growers were running wind machines during freezing temperatures to prevent freeze damage. Muddy groves were impeding the applications of needed fungicidal treatments.

NUT CROPS

Post-harvest cultural maintenance was impeded due to rain. **Almond**, **walnut**, and **pistachio** orchards were pruned, shredded, and cleaned. Growers applied herbicides and dormant sprays. Almond shelling was ongoing. Almonds and shelled and in-shell walnuts were exported.

VEGETABLE CROPS

The rainy weather made harvest difficult and interfered with preparations for the spring plantings. In Colusa and San Joaquin Counties, fieldwork was halted due to wet conditions. In Sutter County, the cultivation and preparation of **tomato** and other spring crop fields continued. **Onions** for seed were planted. In Madera County, processing tomato beds were prepared. In Fresno County, the **asparagus** fields were topped and shredded to prepare for the spring harvest. **Bok choy**, **broccoli**, **napa cabbage**, and **daikon** were harvested. **Carrots** were harvested and new carrot fields were growing nicely. Field preparation including weeding, discing, and repair of irrigation lines continued. Dehydrator onions were up to stand and fresh onions were planted. Fungicide was applied to seed onions and seed **kale**. In Tulare County, winter vegetables were well established.

LIVESTOCK

In Fresno County, beehives from out of State were brought in to prepare for almond pollination. In Tulare County, recent rains continued to benefit the lower elevation pasture growth, reducing the need for supplemental feed. Sheep continued to graze in alfalfa fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 1/11/2016

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION ^{1/}			
	Average Week Ending 1/11/2016	Departure from Normal ^{2/}	High	Low	This Year	Normal Year ^{2/}	This Season	This Week	This Season	Normal Season ^{2/}	Normal Year ^{2/}
					January 1-11/2016	January 1-11/2016	July 1-11/2016	Week Ending 1/11/2016	July 1-11/2016	July 1-11/2016	July 1-June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days ^{3/} --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	50	3	58	38	0	0	70	2.55	24.66	17.86	38.10
Ukiah	46	2	52	40	0	0	44	3.34	16.12	16.68	38.90
Santa Rosa AP	49	1	59	39	0	0	34	4.32	12.15	13.09	31.01
Napa State Hosp	50	3	56	37	0	0	37	2.33	9.16	11.17	26.46
Central Coast											
San Francisco A	51	3	58	42	0	0	27	2.21	8.35	8.03	20.11
San Jose AP	52	3	62	38	0	0	25	1.64	6.34	5.85	15.08
Salinas AP	51	1	62	38	0	0	26	1.10	6.30	4.96	12.91
Monterey AP	52	2	63	42	0	0	32	2.57	10.31	7.94	20.35
King City Ag	49	0	63	35	0	0	29	1.61	4.33	4.44	12.30
Paso Robles AP	49	2	60	37	0	0	24	1.52	5.65	4.60	13.08
Sacramento Valley											
Redding	46	2	54	33	0	0	38	5.50	16.11	13.60	33.52
Red Bluff	47	1	54	35	0	0	36	3.92	10.66	10.12	24.07
Willows 6W	48	4	59	38	0	0	30	3.29	8.52	7.69	19.03
Oroville AP	47	3	57	35	0	0	40	2.00	8.02	11.83	28.75
Marysville	48	3	56	32	0	0	29	2.18	8.32	9.26	22.07
Sacramento AP	49	4	57	34	0	0	29	3.05	6.82	7.11	17.93
San Joaquin Valley											
Stockton	48	4	56	34	0	0	33	1.98	7.53	5.65	13.84
Modesto AP	49	3	57	38	0	0	25	1.65	6.05	5.03	13.12
Merced Macready	48	3	57	34	0	0	24	1.32	5.04	4.67	12.50
Madera AP	49	5	59	35	0	0	28	0.92	5.83	4.33	11.94
Fresno AP	49	4	60	38	0	0	31	1.27	7.05	4.00	11.23
Lemoore NAS	48	4	60	34	0	0	20	0.69	3.28	2.80	7.89
Visalia AP	48	4	58	34	0	0	28	0.92	5.12	4.19	11.03
Bakersfield AP	52	6	68	42	0	0	17	0.69	2.02	2.22	6.49
Cascade Sierra											
Alturas AP	31	2	42	21	0	0	57	0.25	8.54	5.16	12.13
Mount Shasta AP	36	2	47	27	0	0	54	2.76	14.63	16.44	39.16
Blue Canyon	35	-5	46	26	0	0	41	2.51	27.38	27.19	66.36
Yosemite Valley	36	-2	47	25	0	0	40	1.67	19.65	15.27	37.73
South Coast											
Santa Maria AP	53	3	64	37	0	0	28	1.47	3.51	4.66	14.01
Santa Barbara A	54	3	64	40	0	0	19	5.52	6.66	5.64	16.93
Oxnard NWS	53	-3	61	40	0	0	16	3.98	5.70	5.23	15.62
Riverside AP	52	-4	67	38	0	0	24	2.46	7.46	3.25	10.22
Los Angeles AP	55	-3	62	46	0	10	22	4.15	7.55	4.55	13.15
San Diego AP	58	0	64	48	1	10	32	2.98	8.81	3.80	10.77
Southeast Interior											
Bishop AP	36	-2	52	20	0	0	11	0.16	1.21	2.09	5.02
Daggett AP	46	-2	58	34	0	0	21	0.31	1.93	2.18	4.17
Lancaster ATC	44	2	59	30	0	0	19	1.29	5.61	2.72	7.40
Thermal	52	-2	69	35	0	0	9	1.15	2.46	1.81	3.53
Blythe AP	53	-1	67	36	0	0	14	0.55	1.71	2.53	4.02
Imperial CA	56	2	68	39	0	0	10	0.51	0.85	1.89	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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