



# California Crop Weather

Cooperating with the California Department of Food and Agriculture  
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**WEEK ENDING: January 31, 2016**  
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**FREQUENCY: Weekly**  
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## WEATHER

Temperatures were warmer and more uniform early in the week as dry conditions prevailed. Temperatures dipped 10 degrees by the weekend as a trough deepened over the western United States. Lows in the mountains ranged from 10 to 30 degrees, 30s to 40s in the valley, 40s along the coast, and 30s to 50s in the desert based on elevation. Highs in the mountains ranged from the 30s to 40s, 50s to 60s along the coast from north to south, 50s to 60s in the valley, and 60s to 70s with even a few 80s in the desert.

Many areas of the State, not on the immediate coast or in the southern deserts, received 1 to 3 inches of rain for the week. The heaviest rains fell in the foothills of the central Sierras along the I-80 corridor, some locations received more than 5 inches. In the mountains, temperatures were cold enough for some or all of the precipitation to fall as snow. Heavy snow fell Thursday and Friday in the Central Sierras, with local snow totals of up to 3 to 4 feet. By Friday and Saturday, the southern Sierras received as much as 1 to 2 feet of new snowfall.

## FIELD CROPS

In Tulare County, light precipitation allowed the soils to dry which resulted in more field activity. Crops that started to germinate continued to show ideal growth. **Wheat, oat,** and **alfalfa** fields continued to grow at a good pace with the recent precipitation. Herbicide spraying continued.

## FRUIT CROPS

Postharvest pruning and orchard replanting continued in deciduous tree fruit orchards, weather permitting. Grape vines were pruned and tied where soil conditions allowed. In Napa County, pruning was almost done. Manual weed control was performed on berms along with pre-emergent herbicides. **Pomegranates** and **kiwifruit** were picked and shipped. Harvest was ongoing for citrus including Navel, Cara Cara, mandarin, **grapefruit, lemon, pumelos,** and **tangelos**. Cultural practices picked up as groves dried out. Some citrus groves were pruned and skirted. Growers were applying rot related fungicidal sprays to prevent disease that follows wet weather.

## NUT CROPS

Post-harvest cultural maintenance continued when the soil dried out enough to get in the orchards. Some tree fruit and vines were pulled and replaced with **walnut** trees. **Almond,** walnut, and **pistachio** orchards were pruned, shredded, and cleaned. Some almond trees blew over and will need to be replaced. Almonds, pistachios, and shelled and in-shell walnuts were exported.

## VEGETABLE CROPS

In Fresno County, harvest of **lettuce** and other leafy vegetables continued. Water was pumped off the **onion** fields and bulb mite treatment was applied. **Kale** and other seed crops were fertilized through drip lines. In Tulare County, winter vegetables were well established. The damp weather made harvest difficult and interfered with preparations for the spring plantings.

## LIVESTOCK

In Tulare County, recent rains continued to benefit the lower elevation pasture growth, reducing the need for supplemental feed. Vegetation in the foothills continued to thrive. Sheep continued to graze in alfalfa fields. Dairies were drying out but conditions remained muddy. Bees were shipped and placed in orchards.

**CALIFORNIA CROP WEATHER – WEEK ENDING 1/31/2016**

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION <sup>1/</sup>			
	Average Week Ending 1/31/2016	Departure from Normal <sup>2/</sup>	High	Low	This Year	Normal Year <sup>2/</sup>	This Season	This Week	This Season	Normal Season <sup>2/</sup>	Normal Year <sup>2/</sup>
					January 1-1/31/2016	January 1-1/31/2016	July 1-1/31/2016	Week Ending 1/31/2016	July 1-1/31/2016	July 1-1/31/2016	July 1-June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days <sup>3/</sup> --	-- Inches of Precipitation --			
<b>North Coast</b>											
Eureka WFO	53	5	61	38	4	0	87	2.30	34.15	2186	38.10
Ukiah	52	5	67	36	0	0	61	1.25	23.57	22.26	38.90
Santa Rosa AP	53	3	65	40	0	0	48	0.37	18.14	17.53	31.01
Napa State Hosp	53	5	65	42	0	0	50	0.43	14.29	14.95	26.46
<b>Central Coast</b>											
San Francisco A	54	4	61	46	0	0	39	0.07	11.72	11.17	20.11
San Jose AP	55	4	68	42	4	0	35	0.18	8.79	7.99	15.08
Salinas AP	54	3	68	39	0	0	34	0.45	9.25	6.82	12.91
Monterey AP	54	2	67	42	0	0	43	0.82	14.22	10.89	20.35
King City Ag	54	3	70	39	0	0	36	0.40	6.14	6.11	12.30
Paso Robles AP	52	3	68	33	0	0	31	0.57	7.46	6.62	13.08
<b>Sacramento Valley</b>											
Redding	50	4	68	37	0	0	53	3.15	26.47	18.13	33.52
Red Bluff	51	3	67	36	0	0	50	1.77	17.90	13.48	24.07
Willows 6W	52	6	65	38	3	0	40	0.84	11.47	10.44	19.03
Oroville AP	51	5	62	38	0	0	54	0.83	13.21	15.71	28.75
Marysville	51	4	66	35	0	0	42	0.41	12.93	12.20	22.07
Sacramento AP	53	5	64	39	0	0	42	0.24	10.98	9.84	17.93
<b>San Joaquin Valley</b>											
Stockton	52	4	62	36	0	0	46	0.41	11.84	7.55	13.84
Modesto AP	52	4	63	39	0	0	33	0.38	9.43	6.85	13.12
Merced Macready	50	3	61	36	0	0	33	0.42	8.21	6.41	12.50
Madera AP	51	4	64	36	0	0	36	0.71	8.54	5.89	11.94
Fresno AP	51	4	63	38	0	0	41	0.98	10.12	5.53	11.23
Lemoore NAS	49	2	62	35	0	0	27	0.64	4.79	3.85	7.89
Visalia AP	51	4	62	37	0	0	36	0.91	7.02	5.62	11.03
Bakersfield AP	52	3	69	39	3	0	22	0.86	3.21	3.06	6.49
<b>Cascade Sierra</b>											
Alturas AP	35	4	55	19	0	0	71	0.92	10.38	6.08	12.13
Mount Shasta AP	40	4	58	28	0	0	69	1.46	27.39	21.39	39.16
Blue Canyon	41	2	53	26	0	0	55	6.66	43.87	35.50	66.36
Yosemite Valley	42	4	57	29	0	0	51	2.19	26.09	20.07	37.73
<b>South Coast</b>											
Santa Maria AP	57	5	72	38	2	0	37	0.85	4.91	6.56	14.01
Santa Barbara A	58	5	81	39	6	0	24	0	7.36	8.23	16.93
Oxnard NWS	60	4	75	41	11	0	18	0	5.90	7.70	15.62
Riverside AP	58	3	76	41	5	0	26	0.08	7.58	4.92	10.22
Los Angeles AP	60	3	75	48	7	31	25	0	7.62	6.69	13.15
San Diego AP	61	3	72	49	19	38	35	0.05	8.91	5.43	10.77
<b>Southeast Interior</b>											
Bishop AP	46	8	68	23	0	0	13	0.04	1.44	2.72	5.02
Daggett AP	53	5	75	31	5	0	23	0	2.04	2.65	4.17
Lancaster ATC	50	5	75	25	3	0	21	0.34	6.04	3.85	7.40
Thermal	57	0	77	34	0	4	9	0	2.46	2.33	3.53
Blythe AP	58	4	82	41	6	0	14	0	1.71	2.84	4.02
Imperial CA	60	3	84	40	13	15	11	0	0.86	2.20	2.96

<sup>1/</sup> Precipitation (rain or melted snow/ice).

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

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

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