



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER

Lows were in the 20s to 30s in the mountains, 30s to 40s in the valley, 30s to 60s in the desert, and 40s to 50s along the coast from north to south. Highs were in the 30s to 50s in the mountains based on elevation, 50s to 60s in the valley, 50s to 70s along the coast from north to south, and 40s to 80s in the desert.

It was a wet week for much of the State, with rain falling on most days. An estimated 3 to 5 inches of rain fell in the valley north of I-80 and 1 to 2 inches of rain fell in most other agricultural parts of the valley. The coastal ranges, northern mountains, and Sierra foothills received from 4 to 8 inches of rain. Locations south of Bakersfield along the coast and in the desert received up to 1 inch. Temperatures were cold enough in the mountains that some of the precipitation fell as snow. The heaviest accumulations were in the northern Sierras, where locations received up to 2 to 3 feet of new snowfall.

FIELD CROPS

Heavy rains caused some lodging of grain fields and some fields were saturated. Rains continued to benefit winter forage crops, reducing the need for irrigation. Dry farmed grain crops were taking off with adequate rain. **Cotton** fields were very wet, which slowed preparation. **Alfalfa** was growing rapidly and some fields were sprayed for weevils. **Corn** seed was received in advance of spring planting. In San Luis Obispo County, some **wheat** fields were heading out, while many were in the boot stage. Many farmers were top dressing with fertilizer.

FRUIT CROPS

In Madera County, **grapes** were pushing buds. Growth was reported up to about one inch. Grapevines continued to be pruned and tied. Old vineyards continued to be pushed to make way for new plantings. In Yuba and Fresno Counties, most orchard maintenance were slow due to continual rain fall. In Sutter County, weed control was ongoing and orchards were treated with bloom sprays in anticipation of more rain. In Tulare County, stone fruit trees continued to bloom. Many varieties of stone fruit were now leafing out and setting fruit. Recent rains will require fungicide applications to protect the bloom and young fruit. **Pomegranate** and **persimmon** orchards were starting to leaf. **Kiwifruit** were trellised and new plants were planted. Recent rains slowed the citrus harvest and increased fungicide applications to protect the fruit. Some citrus trees were topped, hedge rowed, and skirted, with the prunings shredded. Seedless **tangerines** continued to be netted in preparation for the coming citrus bloom period. Navel **oranges**, Oro Blanco hybrid **grapefruit**, Mandarins, Minneola **tangelos**, grapefruit, and **lemons** continued to be packed for export for foreign and domestic markets.

NUT CROPS

In Yuba County, disease control continued in **walnut** orchards in between storms as blooms and flowers were exposed to rain. In Madera County, the **almond** bloom was over. **Pistachios** and walnuts continued to be shipped.

VEGETABLE CROPS

Rain hampered harvest and other field activities in many areas of the State. The **asparagus** harvest continued in Colusa County in between the rains. In San Mateo County, most fieldwork was on hold until the skies cleared. In Sutter County, field preparation was often suspended due to the wet conditions, though planting and cultivation of vegetables for farmer's markets continued. In Tulare County, **broccoli**, **cabbage**, **cauliflower**, **carrots** and **Brussels sprouts** were harvested and sold at Farmer's Markets. Summer vegetable fields benefitted from the rainy, warm weather.

LIVESTOCK

In Sutter County, the beehives were moved from almond orchards. Range and pasture conditions continued to improve. In Tulare County, bee keepers continued to move hives into stone fruit orchards to facilitate pollination. In Yuba County, rangeland forage growth looked good in most areas except in heavier red soils and low lying areas. In Fresno County, wet corrals were reported to cause problems for dairy cows. In San Luis Obispo County, rangeland was growing well and cattle were gaining weight.

CALIFORNIA CROP WEATHER – WEEK ENDING 3/13/2016

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION ^{1/}			
	Average Week Ending 3/13/2016	Departure from Normal ^{2/}	High	Low	This Year	Normal Year ^{2/}	This Season	This Week	This Season	Normal Season ^{2/}	Normal Year ^{2/}
					January 1-3/13/2016	January 1-3/13/2016	July 1-3/13/2016	Week Ending 3/13/2016	July 1-3/13/2016	July 1-3/13/2016	July 1-June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days ^{3/} --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	53	4	67	41	5	0	10	3.11	42.48	30.10	38.10
Ukiah	52	-1	59	36	8	0	81	4.86	33.71	32.38	38.90
Santa Rosa	53	-2	61	37	14	0	65	6.11	27.90	26.12	31.01
Napa State Hosp	51	-4	61	36	21	0	66	5.25	22.79	22.13	26.46
Central Coast											
San Francisco	56	3	65	47	24	0	51	3.08	17.46	16.88	20.11
San Jose	57	2	71	41	60	0	46	2.09	12.71	12.20	15.08
Salinas	57	4	70	43	52	0	43	1.54	12.92	10.49	12.91
Monterey	56	3	68	45	39	0	53	2.01	20.37	16.41	20.35
King City Ag	56	2	78	41	30	0	46	1.86	9.65	10.05	12.30
Paso Robles	54	2	73	36	8	0	37	0.97	9.10	10.87	13.08
Sacramento Valley											
Redding	52	2	62	41	26	0	71	5.47	34.05	26.20	33.52
Red Bluff	53	-1	62	40	19	0	64	3.02	22.97	19.36	24.07
Willows 6W	51	-2	61	39	18	0	51	3.51	15.91	15.58	19.03
Oroville	54	0	62	40	17	0	68	4.02	20.07	23.31	28.75
Marysville	54	-2	63	39	9	0	58	3.46	20.72	17.88	22.07
Sacramento	54	1	66	37	13	0	53	2.49	16.47	14.86	17.93
San Joaquin Valley											
Stockton	55	2	68	40	16	0	55	1.79	15.52	11.15	13.84
Modesto	57	2	69	40	29	1	41	2.04	12.95	10.37	13.12
Merced Macready	55	2	70	42	7	0	42	0.99	10.88	9.97	12.50
Madera	57	3	76	42	27	0	43	1.95	11.62	9.23	11.94
Fresno	57	3	77	44	41	0	49	1.72	13.36	8.77	11.23
Lemoore NAS	56	2	78	40	19	0	33	0.57	5.92	6.16	7.89
Visalia	57	2	78	43	13	0	43	0.71	8.44	8.65	11.03
Bakersfield	59	4	83	44	65	5	28	0.41	3.91	4.97	6.49
Cascade Sierra											
Alturas	41	4	54	19	0	0	85	0.53	11.61	8.06	12.13
Mount Shasta	41	0	51	27	0	0	91	6.22	40.25	30.79	39.16
Blue Canyon	36	-4	46	29	0	0	74	8.28	59.52	52.39	66.36
Yosemite Valley	45	0	66	32	0	0	62	1.77	33.54	30.00	37.73
South Coast											
Santa Maria	56	3	72	42	79	0	44	2.02	7.99	11.32	14.01
Santa Barbara	58	2	71	45	43	1	31	0.97	11.24	14.43	16.93
Oxnard NWS	56	-2	71	43	144	9	25	1.09	8.80	13.26	15.62
Riverside	59	2	82	41	230	46	33	0.53	8.47	8.33	10.22
Los Angeles	58	0	70	47	137	91	32	0.85	9.90	11.10	13.15
San Diego	61	2	71	48	191	116	41	0.30	9.51	8.59	10.77
Southeast Interior											
Bishop	49	3	75	26	0	0	17	0.01	2.24	4.04	5.02
Daggett	60	4	83	37	109	8	27	0.08	2.22	3.53	4.17
Lancaster ATC	54	4	80	36	36	0	26	0.50	6.68	6.23	7.40
Thermal	67	4	92	45	277	143	10	0	2.51	3.22	3.53
Blythe	67	5	87	45	332	123	15	0	1.72	3.67	4.02
Imperial CA	67	5	90	43	335	152	12	0	0.93	2.70	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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