



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEATHER

Temperatures remained near average with a noticeable cooldown late in the week as Pacific air surged inland. Lows were in the 10s to 40s in the mountains, 40s to 50s along the coast and across the valley, and 40s to 60s in the desert depending on elevation. Highs were in the 40s to 60s in the mountains, 60s to 70s along the coast and across the valley, and 60s to 100s in the deserts depending on elevation.

Pacific air brought several rounds of scattered shower activity to the State. The heaviest rain fell in the northern Sierras and northern valley, where 1.5 inches of rain accumulated. Most other areas of the State received around half an inch of rain. The deserts had spotty rain, where some locations may not have received any rain. Agricultural areas in the valley received around 0.75 inches of rain.

Snowmelt continued in the mountains, although some locations at high altitude in the central and northern Sierras received some snow showers. Snowfall did little but offset snowmelt across the area. Snowcover was gone from the southern Sierras below 11,000 feet, with snowfields persistent above 7,500 feet in the central Sierras, and 5,500 feet in the northern mountains. Estimated snowpacks were 2 to 5 foot range in the central Sierras and 4 to 8 feet in the northern mountains.

FIELD CROPS

Alfalfa, **oats**, and winter forage were cut, baled, and trucked from fields. In Fresno County, dry-land barley was maturing and drying down. In Tulare County, silage **corn** continued to grow and some fields were several inches tall. Winter **wheat** continued to mature and rated as 85 percent good to excellent. In Tulare County, some fields were harvested and the fields were disced to make way for summer planting. **Rice** was 40 percent planted and 1 percent emerged by week's end. In Sacramento County, rice ground was worked and some fields were flooded for planting. **Cotton** was 90 percent planted and 20 percent emerged in locations around the State. Growers prepared the fields for irrigation and treated weeds as necessary. Hail damaged cotton in Madera County. Pasture and rangeland condition were rated as 65 percent good to excellent.

FRUIT CROPS

In Napa County, sulfur was applied to **grapes** and the suckering of grapevines continued. Rain and cloudy weather prolonged the bloom period for grapes and growers continued to monitor for powdery mildew. Grape vines were thinned to improve air flow and sun light. **Cherries** and **apricots** were harvested and **peach** orchards were thinned. Pesticide sprays were applied to tree fruit orchards. In Stanislaus County, stone fruit continued to be thinned and orchards irrigated. Early cot **apricots** and Snow Angel **peaches** continued to be harvested. Reflective plastic was placed in some orchards to help promote color. Navel and Valencia **oranges** continued to be harvested. Navel oranges were picked and packed. The Valencia orange harvest accelerated. Cara Cara oranges, **grapefruit**, and **lemons** continued to be harvested and packed. Seedless **tangerines** remained netted to prevent cross pollination. Citrus groves continued to be irrigated.

NUT CROPS

Pesticide and miticide sprays continued on **almond** and **pistachio** orchards. In Stanislaus County, pistachios were packed and shipped. Almond trees were showing rapid growth and stored almonds were packed and shipped.

VEGETABLE CROPS

The transplanting and cultivating of **tomatoes** continued in many areas of the State. In Colusa and Fresno Counties, hail damaged several hundred acres of tomatoes. The leaves were shredded, leaving only the stems. Processing tomatoes were in all stages from planting, to cultivating, and to laying by. In Stanislaus County, **broccoli** was harvested with stalks chopped for use as cattle feed. **Watermelon**, **honeydew**, and **cantaloupe** were planted and leafing out. Watermelon vines were cultivated and trained. In Monterey County, there was mild to warm temperatures with a little rain, as the ground was turned over for second plantings of row crops. The harvest of **lettuces**, **brassicas**, and salad products leveled off. **Asparagus**, **carrots**, and broccoli were harvested and the fields were cultivated in preparation for the next crop. Irrigation and cultivation of **sweet corn** was ongoing. The early bloom on Bell **peppers** was removed to improve plant growth and achieve a uniform set. **Onions** were sprayed for powdery mildew. The onions for seed were bolting. **Kale** for seed was sprayed for insects. In Tulare County, local certified producers were planting summer vegetables.

LIVESTOCK

In San Luis Obispo, rangeland grazing continued to be strong. The eastern slope of the Coast Range Mountains was nearly dry with a few areas in the north facing slope remained green. Ranchers continued to graze sheep and cattle on rangelands. Sheep continued to graze in small grain and alfalfa fields, fallow fields, and foothill pastures. In Tulare County, warmer weather increased the drying of rangeland forage and quality was still reported as good. In Madera County, growers were moving in more bee hives.

CALIFORNIA CROP WEATHER – WEEK ENDING 5/8/2016

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 5/8/2016	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- 5/8/2016	January 1- 5/8/2016	July 1- 5/8/2016	Week Ending 5/8/2016	July 1- 5/8/2016	July 1- 5/8/2016	July 1- June 30
-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	55	3	62	47	12	0	128	0.07	46.62	36.40	38.10
Ukiah	63	4	83	45	101	31	93	0.09	36.29	37.84	38.90
Santa Rosa	61	1	80	49	87	63	79	0.28	30.54	30.26	31.01
Napa State Hosp	62	2	75	51	123	66	77	0.30	24.87	25.79	26.46
Central Coast											
San Francisco	60	3	77	51	125	21	64	0.05	18.58	19.78	20.11
San Jose	63	0	78	52	216	124	58	0.18	14.77	14.72	15.08
Salinas	60	2	69	51	128	31	54	0.10	13.75	12.68	12.91
Monterey	59	3	75	50	96	0	64	0.20	21.74	19.85	20.35
King City Ag	63	2	85	45	131	86	53	0.10	9.94	12.08	12.30
Paso Robles	62	2	85	43	105	50	41	0	9.26	12.92	13.08
Sacramento Valley											
Redding	66	4	84	52	293	96	84	0.56	41.66	31.71	33.52
Red Bluff	66	2	85	52	253	143	77	0.29	26.38	22.87	24.07
Willows 6W	66	3	88	51	212	106	61	0.34	16.51	18.18	19.03
Oroville	67	5	85	53	244	118	79	0.35	21.41	27.81	28.75
Marysville	67	2	85	52	203	201	72	0.37	21.93	21.33	22.07
Sacramento	66	3	85	53	206	124	64	0.06	17.97	17.38	17.93
San Joaquin Valley											
Stockton	65	2	86	50	199	156	65	0.33	18.98	13.43	13.84
Modesto	69	3	88	54	316	217	50	0.25	15.20	12.62	13.12
Merced Macready	67	3	86	51	192	157	51	0.11	14.66	12.14	12.50
Madera	68	3	89	50	243	175	50	0.00	13.30	11.58	11.94
Fresno	69	3	88	54	342	195	55	0.29	14.73	10.78	11.23
Lemoore NAS	68	3	89	49	278	181	39	0.48	6.82	7.61	7.89
Visalia	68	4	88	52	265	190	49	0.06	9.08	10.67	11.03
Bakersfield	71	4	93	57	451	257	35	0.54	5.42	6.22	6.49
Cascade Sierra											
Alturas	54	6	73	34	0	0	106	0.75	14.83	10.38	12.13
Mount Shasta	57	7	76	38	12	0	10	0.45	44.06	36.91	39.16
Blue Canyon	50	0	64	40	10	0	94	0.80	69.55	63.58	66.36
Yosemite Valley	56	2	75	42	12	0	77	0.51	37.53	35.90	37.73
South Coast											
Santa Maria	60	4	71	48	199	9	50	0.23	9.09	13.74	14.01
Santa Barbara	59	-2	68	50	143	120	34	0	11.78	16.69	16.93
Oxnard NWS	62	3	72	52	250	124	29	0.02	8.98	15.45	15.62
Riverside	66	1	92	52	585	273	43	0.18	9.23	10.01	10.22
Los Angeles	62	-1	69	56	323	258	38	0.59	10.84	12.92	13.15
San Diego	64	1	71	58	481	338	46	0.43	10.53	10.57	10.77
Southeast Interior											
Bishop	60	0	82	35	39	48	22	0.25	3.53	4.59	5.02
Daggett	69	-2	94	51	518	355	32	0	2.93	4.06	4.17
Lancaster ATC	64	0	86	48	182	130	28	0	6.83	7.24	7.40
Thermal	76	-1	99	56	1013	782	11	0	2.86	3.45	3.53
Blythe	76	1	102	56	1105	732	18	0	1.86	4.01	4.02
Imperial CA	76	2	101	57	1106	718	14	0	1.09	2.92	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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