



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEEK ENDING: May 31, 2015
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FREQUENCY: Weekly
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WEATHER

The main driving force behind this week's weather was the removal of the upper level trough off to the east. This allowed temperatures to steadily rise each day to summertime temperatures, rising from five to fifteen degrees across the State. By the latter half of the week, locations across the valley were reporting widespread highs in the 90s, with 60s to 80s along the coast from north to south. The southern deserts recorded multiple days of triple-digit heat, and even the mountains saw highs in the 80s. Lows were in the 60s for most of the State outside of the mountains, which dropped into the 30s-40s for the entire week. With the departure of the upper-level trough also came the end of the chance of rain. A few locations in a narrow band from San Jose eastward into the mountains saw light scattered showers on Memorial Day, but rainfall amounts were very light. The only other rainfall this week occurred on Sunday evening along the northern coast and into the Mt. Shasta area, where approximately a quarter of an inch fell. Elsewhere, no precipitation fell across the State during the week. Dry weather combined with building summer heat exacerbated drought conditions across the State. Mountain snowpack was less-than-average for this time of year, with only very meager amounts at the highest elevations.

FIELD CROPS

Winter forage hay crops were harvested and baled. **Wheat** and **oat** harvest continued. Winter wheat was rated as 90 percent good to excellent with nearly all headed and ten percent harvested. Harvested wheat fields were disked and replanted. **Alfalfa** fields were irrigated, cut, and baled. **Corn** and **cotton** fields were progressing. Ninety five percent of cotton was planted and 5 percent was squaring. Silage was planted and irrigated. **Sunflower** and **safflower** fields were in various stages of development, with a few fields initiating bloom. **Rice** weed treatments were applied and planting was nearly complete. Some fields were left fallow due to lack of water.

FRUIT CROPS

Grapevines were suckered and beginning to bear fruit. Orchards and vineyards were irrigated and weed treatments continued. The second flight of the European grapevine moth started. No moths were caught in traps for the entire first flight. Wine **grapes** were on a tight spray schedule for mildew. Fresh **plums**, **apricots**, **peaches**, **nectarines**, and **cherries** were in farmers' markets. Peaches were thinned. Cherry harvest was slowing down. Late navel **oranges** were shipped domestically due to rind issues. Valencia orange harvest continued. Young citrus trees were planted. **Pomegranates** were in bloom. **Olive** bloom was ending.

NUT CROPS

Almond, **walnut**, and other nut trees were irrigated and sprayed for pests. Almonds continued to press ahead toward an early hull split. There were no reported mite problems. Most nut orchards were progressing well. Almond, walnuts, **pistachio**, and **pecan** exports continued to both foreign and domestic markets.

VEGETABLE CROPS

In Siskiyou County, **onion** weed control continued. Maggot problems have led to stand loss. In Sutter County, summer vegetable fields were prepared for planting. Pesticides and herbicides were applied and weeding crews worked in the organic fields. **Cucurbits** for seed were emerging. Processing **tomato** transplants continued to be planted. In Yuba County, **cantaloupes** were planted. In San Joaquin County, onions and tomatoes were growing well. In Stanislaus County, **watermelon**, cantaloupe and **honeydew** were planted. **Broccoli** was harvested. Insecticide was applied to tomatoes. In Monterey County, all **lettuce** and **Brassica** commodities were in first or second rotation. In Fresno County, early tomato fields were about 5% red with expected early July harvest. There was 10-15% curly top and some armyworm reported in organic tomatoes, but overall growth looked good. Mildew treatments were applied to onions. Early dehydrator onion tops were going over. Lettuce seed crop looked good. In Tulare County, summer vegetables were progressing well, with some early crops harvested. Melons continued to bloom with some fruit already developing.

LIVESTOCK

Rangeland water and feed were poor at lower elevations. Cattle were moved to higher elevations. Foothill rangeland conditions were very sparse for livestock and continued to decline in nutrient value. Supplemental feeding continued to be required. Sheep grazed in fallow fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 5/31/2015

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 5/31/2015	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 5/31/2015	January 1 - 5/31/2015	July 1 - 5/31/2015	Week Ending 5/31/2015	July 1 - 5/31/2015	July 1 - 5/31/2015	July 1 - June 30
					-- Degrees Fahrenheit --				-- Number --		-- Days /1--
North Coast											
Eureka WFO	54	-2	60	48	6	0	79	0.01	31.45	37.45	38.10
Ukiah	68	+6	92	48	220	108	55	0.00	26.27	38.62	38.90
Santa Rosa AP	61	-3	78	49	85	140	45	0.00	23.79	30.82	31.01
Napa State Hosp	62	-3	76	50	159	150	48	0.00	20.89	26.30	26.46
Central Coast											
San Francisco A	59	-2	67	52	102	65	37	0.00	15.12	20.00	20.11
San Jose AP	63	-4	73	53	176	243	39	0.00	11.57	14.98	15.08
Salinas AP	59	-2	68	50	196	75	37	0.00	9.61	12.82	12.91
Monterey AP	57	0	65	50	73	17	52	0.02	14.78	20.15	20.35
King City Ag	64	0	83	49	185	177	34	0.00	7.83	12.23	12.30
Paso Robles AP	66	0	95	27	243	157	26	0.00	8.21	13.06	13.08
Sacramento Valley											
Redding	77	+8	95	60	607	274	63	0.00	25.93	32.83	33.52
Red Bluff	74	+3	93	58	528	353	62	0.00	23.87	23.63	24.07
Willow s 6W	71	+3	89	52	406	271	45	0.00	20.28	18.74	19.03
Oroville AP	73	+4	93	54	466	290	47	0.00	18.13	28.44	28.75
Marysville	70	-2	93	52	389	419	43	0.00	15.25	21.82	22.07
Sacramento AP	68	0	89	53	360	283	36	0.00	14.13	17.73	17.93
San Joaquin Valley											
Stockton	68	-2	91	49	380	338	37	0.00	9.82	13.75	13.84
Modesto AP	71	+2	93	53	508	416	33	0.00	8.27	12.99	13.12
Merced Macready	72	+2	94	51	365	348	34	0.00	7.18	12.41	12.50
Madera AP	73	+3	97	53	476	379	28	0.00	6.02	11.83	11.94
Fresno AP	76	+5	99	56	610	420	26	0.00	6.40	11.00	11.23
Lemoore NAS	76	+6	101	55	522	388	26	0.00	4.59	7.83	7.89
Visalia AP	75	+5	97	55	559	393	19	0.00	6.54	10.89	11.03
Bakersfield AP	77	+5	100	60	723	513	20	0.00	5.34	6.37	6.49
Cascade Sierra											
Alturas AP	61	+7	84	40	9	0	83	0.09	10.07	11.34	12.13
Mount Shasta AP	62	+7	85	42	29	1	84	0.00	37.38	38.17	39.16
Blue Canyon	63	+8	75	50	43	2	71	0.00	34.33	65.48	66.36
Yosemite Valley	69	+9	93	45	134	53	49	0.00	14.03	36.94	37.73
South Coast											
Santa Maria AP	61	+3	72	52	212	53	25	0.00	4.54	13.96	14.01
Santa Barbara A	60	-3	68	50	196	193	22	0.00	7.17	16.88	16.93
Oxnard NWS	62	0	70	52	376	190	28	0.00	6.67	15.57	15.62
Riverside AP	70	+1	92	53	770	456	31	0.00	5.23	10.12	10.22
Los Angeles AP	62	-3	69	56	426	361	28	0.00	5.96	13.07	13.15
San Diego AP	65	-1	71	61	710	463	30	0.00	7.76	10.68	10.77
Southeast Interior											
Bishop AP	71	+6	97	50	180	180	14	0.00	2.05	4.81	5.02
Daggett AP	81	+5	104	59	866	669	13	0.00	1.96	4.06	4.17
Lancaster ATC	73	+4	96	52	287	315	19	0.00	4.64	7.35	7.40
Thermal	80	-3	103	56	1,306	1,219	18	0.00	1.29	3.51	3.53
Blythe AP	83	+1	106	63	1,430	1,175	23	0.00	2.99	4.01	4.02
Imperial CA	82	+2	104	63	1,364	1,124	19	0.00	3.32	2.95	2.96

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

Precipitation (rain or melted snow /ice) is in inches.

Air Temperatures are in Degrees Fahrenheit.

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

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