



California Crop Weather

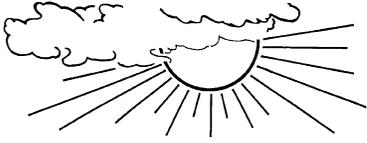
Cooperating with the California Department of Food and Agriculture

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WEATHER



It was a week of sharp contrast that began with a wet and cool weather system moving through Northern California, and ended with record high temperatures across the State by the weekend. The initial cool weather system was driven by a trough of low pressure rotating around a low pressure center in the Gulf of Alaska. There were widespread showers and unusually cool temperatures across the northern half of the

State on Monday with some valley locations reporting highs only in the upper 60s. The south remained dry, but with mild temperatures. The showers and cooler temperatures lingered in the north on Tuesday while the south warmed a bit. A strengthening high pressure ridge building over the Four-Corner region began to push the Gulf of Alaska low away from the coast by midweek, and a warming and drying trend commenced which carried through the rest of the week. The high pressure system was very strong and resulted in extremely hot conditions by the end of the week, with triple digit temperatures common across California. By Sunday, high temperatures across interior Northern California ranged from near 105 up to 110 degrees.

FIELD CROPS

Winter **wheat** for grain harvest continued throughout the week. High temperatures in the Sacramento Valley promoted **rice** crop progress as fields continued to grow. Rice crop conditions improved to 95 percent good to excellent. **Cotton** irrigation continued, but development was slowed due to fluctuating temperatures. The crop condition declined to 80 percent good to excellent as a result. Crop reporters noted that lygus populations were generally low to moderate. **Corn** for silage planting was complete in Tulare, San Joaquin and Stanislaus County and ongoing in Fresno County. Growers cut, windrowed, raked and baled **alfalfa** during the week.

FRUIT CROPS

Hot temperatures caused an increase in irrigation for all crops. The harvest of **apricots, peaches, nectarines, and plums** continued with many mid-season varieties harvested. **Grape** vineyards were irrigated and maintained to reduce weeds. Clingstone peaches were thinned and sprayed with fungicides. **Prunes** were irrigated and sprayed with insecticides and potassium. **Kiwis** were growing well; some thinning of fruit occurred. **Olive** bloom was complete and fruit was sizing normally. **Cherries** were harvested. **Blueberry** harvest slowed in Tulare County. **Strawberry** harvest continued. **Pomegranate** fruit was developing. Fruit was growing on **apple** and **pear** trees. Valencia orange harvest continued; regreening became more common due to high temperatures. Ruby Red **grapefruit** was harvested.

NUT CROPS

Almond growers continued hull split sprays. Some blocks were also sprayed with miticides. Mites continued to be a problem for almonds in the southern part of the State. **Walnut** growers continued to monitor for codling moths. **Pistachio** shells have hardened. Growers were treating for weeds.

VEGETABLE CROPS

Tulare County reported yellow and zucchini **squash**, bell **peppers**, chili peppers, **cucumbers** and **eggplants** were harvested. Certified producers picked **tomatoes**, cucumbers, sweet **corn**, squash and peppers for local farmers' markets. Early tomatoes were sunburned in Fresno County because of the heat. Bell peppers were harvested. **Carrots** were irrigated while water was pulled from summer **onions**. Stanislaus County reported early Roma tomato fields were showing color, while **watermelon**, peppers, tomatoes and **beans** were growing well. **Broccoli** and **parsley** were picked. Cucumbers, peppers, tomatoes, **basil, mint, chives, cilantro, turnips, kale, cabbage, lettuce**, onions, **garlic**, squash, and **radishes** were harvested for farmers' markets. Crops were growing well in San Joaquin County, despite the high heat. Onions, watermelon, tomatoes, squash, cucumbers, eggplant, peppers and beans were harvested. Sutter County reported tomatoes, cucumbers, squash and peppers continued to be harvested for farmers' markets.

LIVESTOCK

Range and non-irrigated pasture continued to deteriorate from fair to very poor conditions. Fire danger remained high. Sheep and cattle grazed on rangeland, idle fields, dry land grain and alfalfa fields. Supplemental feeding of livestock continued. Bees continued to work sunflower and vine seed fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 6/30/13

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 6/30/13.	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 6/30/13	January 1 - 6/30/13	July 1 - 6/30/13	Week Ending 6/30/13	July 1 - 6/30/13	July 1 - 6/30/13	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /1--	-- Inches of Precipitation --			
North Coast											
Eureka WFO	62	+6	72	53	22	11	2	0.29	0.29	0.07	38.10
Ukiah	73	+4	104	58	513	338	3	0.27	0.27	0.00	38.90
Santa Rosa AG	74	+7	100	58	557	323	2	0.40	0.40	0.00	31.01
Napa State Hosp	73	+6	99	57	550	349	3	0.68	0.68	0.00	26.46
Central Coast											
San Francisco A	68	+6	84	56	204	141	2	0.05	0.05	0.00	20.11
San Jose AP	74	+4	96	59	478	501	2	0.04	0.04	0.00	15.08
Salinas AP	68	+7	82	57	175	155	1	0.04	0.04	0.00	12.91
Monterey AP	66	+7	78	56	91	52	1	0.03	0.03	0.00	20.35
King City Ag	76	+8	100	56	504	378	0	0.00	0.00	0.00	12.30
Paso Robles AP	81	+10	111	55	729	439	0	0.00	0.00	0.00	13.08
Sacramento Valley											
Redding	78	+1	110	60	1,056	729	3	1.58	1.58	0.07	33.52
Red Bluff	81	+3	111	61	1,139	835	3	0.64	0.64	0.07	24.07
Willow s 6W	78	+4	105	60	931	644	2	0.67	0.67	0.01	19.03
Oroville AP	79	+4	107	61	899	695	2	0.46	0.46	0.01	28.75
Marysville	79	+3	109	61	947	865	2	0.62	0.62	0.00	22.07
Sacramento AP	78	+6	107	60	841	626	2	0.22	0.22	0.00	17.93
San Joaquin Valley											
Stockton	80	+5	106	62	868	734	2	0.08	0.08	0.00	13.84
Modesto AP	82	+7	107	65	1,050	827	2	0.07	0.07	0.00	13.12
Merced Macready	82	+7	107	64	1,037	765	1	0.01	0.01	0.00	12.50
Madera AP	82	+5	106	64	928	822	0	0.00	0.00	0.00	11.94
Fresno AP	86	+8	109	67	1,395	902	0	0.00	0.00	0.00	11.23
Lemoore NAS	84	+8	106	65	1,084	829	0	0.00	0.00	0.00	7.89
Visalia AP	82	+6	106	63	1,087	833	0	0.00	0.00	0.00	11.03
Bakersfield AP	85	+6	106	65	1,329	1,043	0	0.00	0.00	0.00	6.49
Cascade Sierra											
Alturas AP	65	+4	101	40	112	59	2	0.18	0.18	0.14	12.13
Mount Shasta AP	67	+5	99	50	237	79	3	0.67	0.67	0.14	39.16
Blue Canyon	66	+3	84	46	275	91	3	2.77	2.77	0.10	66.36
Yosemite Valley	75	+7	105	52	542	238	2	0.12	0.12	0.14	37.73
South Coast											
Santa Maria AP	69	+8	87	55	229	133	0	0.00	0.00	0.00	14.01
Santa Barbara A	67	+3	80	57	341	336	0	0.00	0.00	0.00	16.93
Oxnard NWS	70	+7	86	57	423	314	0	0.00	0.00	0.00	15.62
Riverside AP	81	+6	105	62	1,129	854	0	0.00	0.00	0.00	10.22
Los Angeles AP	71	+4	85	63	632	560	0	0.00	0.00	0.00	13.15
San Diego AP	71	+3	80	64	550	690	0	0.00	0.00	0.00	10.77
Southeast Interior											
Bishop AP	80	+6	109	51	722	518	0	0.00	0.00	0.00	5.02
Daggett AP	91	+7	116	67	1,811	1,329	0	0.00	0.00	0.07	4.17
Lancaster ATC	86	+9	115	60	1,164	758	0	0.00	0.00	0.00	7.40
Thermal	93	+5	122	70	2,256	2,020	0	0.00	0.00	0.02	3.53
Blythe AP	96	+5	120	72	2,399	2,025	0	0.00	0.00	0.01	4.02
Imperial CA	94	+6	120	72	2,293	1,901	0	0.00	0.00	0.00	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.

For more weather information visit www.awis.com or call 1-888-798-9955.

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