



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEATHER



The week started with near-normal to above-normal temperatures under stable Southwest flow with the warmest temperatures occurring in the southern Central Valley and southern California deserts. Warm high pressure continued to build into California on Tuesday from the southwest desert and brought a warming trend on Tuesday and into Wednesday. By late Wednesday into Thursday, low pressure off the coast brought

in cooler, below-normal weather, and an increase in moisture and precipitation in southern California and the central and southern mountains. Rainfall amounts were between a trace and a few tenths of an inch, mainly for the southern deserts and southern coastal regions. Below-normal temperatures to near-normal temperatures continued on Friday, but conditions became dry again with building high pressure. Warming, drying trends continued through the weekend with breezy conditions and increases in fire danger for southern California.

FIELD CROPS

Winter **wheat** for grain harvest was winding down and nearing completion. **Rice** continued to progress through the boot stage, but had not yet begun to head. Fields continued to be treated for weed control. **Cotton** progressed well due to high temperatures and low insect pressure. Reporters noted that some shed occurred but there was generally good fruit retention during the high heat spell. Over half of the crop was setting bolls by week's end. The crop condition was rated 90 percent good to excellent. Growers cut, windrowed, raked and baled **alfalfa** during the week.

FRUIT CROPS

Growers continued to irrigate to protect fruit crops from the high temperatures. **Grapes** continued to gain size and color. Early table grape varieties were harvested in the San Joaquin Valley. Wine grapes were approaching full veraison. **Kiwis** were developing well. **Pomegranates** were gaining in size. Clingstone **peach** harvest began. The harvest of freestone peaches, **nectarines** and **plums** continued at a faster rate. **Apricot** harvest was slowing. **Prunes** were sprayed with potassium and treated to control mites. Fruit continued to grow on **apple** and **pear** trees. **Olive** fruit continued to size normally. **Avocado** orchards were monitored for heat stress. **Blueberry** and **strawberry** harvests were nearly complete. June drop in citrus orchards was over. Valencia **orange** harvest continued. Ruby Red **grapefruit** and **lemons** were harvested.

NUT CROPS

Almond growers were preparing for a second hull split spray. Some blocks were also sprayed with miticides. Mites continued to be a problem for almonds in the southern part of the State. Harvest is expected to begin in a few weeks. **Pistachios** were close to being completely filled. **Walnut** growers were seeing some unexpected drop in the Vina and Howard varieties. Walnut growers were spraying for a third flight of coddling moths.

VEGETABLE CROPS

Tulare County reported planting of summer vegetables was winding down, and **tomato** harvest continued. Harvest was beginning for tomatoes in Fresno County; curly top virus has affected many fields with varying degrees of damage. Merced County reported bell **pepper**, **cantaloupe**, fresh market tomato, **watermelon** and **honeydew** were harvested. Curly top virus has affected the tomatoes for fresh and processing markets. Powdery mildew has also been spotted in tomatoes. In Stanislaus County, Roma tomato fields were nearly ready for harvest and peppers were harvested. **Zucchini**, **parsley**, cantaloupe and honeydew melons were harvested. **Cucumbers**, peppers, tomatoes, **basil**, **mint**, **chives**, **cilantro**, **turnips**, **kale**, **cabbage**, **lettuce**, **onions**, **garlic**, **squash** and **radishes** were harvested for farmer's markets. San Joaquin County reported onions, melons, squash, cucumbers and other vegetables were harvested. Onion growers reported a small percent of their crop was lost due to high heat during the previous week. Sutter County reported cucumbers, peppers, tomatoes, basil, mint, chives, cilantro, turnips, kale, cabbage, lettuce, onions, garlic, squash and radishes were harvested for farmers markets, and the processing tomato crop was progressing.

LIVESTOCK

Range and non-irrigated pasture continued to deteriorate from fair to very poor. Fire danger was high with several windy days in the southern regions of the state. Watering holes at upper elevations continued to dry out, while those at the lower elevations have dried. Some herds were reduced to mitigate the short feed in low rangeland and pasture. Sheep and cattle grazed on idle fields, dry land grain and alfalfa fields. Supplemental feeding of livestock increased. Bees continued to work sunflower and vine seed fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 7/14/13

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 7/14/13.	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 7/14/13	January 1 - 7/14/13	July 1 - 7/14/13	Week Ending 7/14/13	July 1 - 7/14/13	July 1 - 7/14/13	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /1--	-- Inches of Precipitation --			
North Coast											
Eureka WFO	55	-3	62	47	24	14	0	0.00	0.00	0.12	38.10
Ukiah	74	+3	98	49	772	507	1	0.00	0.03	0.05	38.90
Santa Rosa AG	70	+3	91	53	747	423	0	0.00	0.00	0.03	31.01
Napa State Hosp	69	+1	94	51	709	461	0	0.00	0.00	0.00	26.46
Central Coast											
San Francisco A	61	-2	73	52	258	183	0	0.00	0.00	0.03	20.11
San Jose AP	67	-4	86	53	624	652	0	0.00	0.00	0.00	15.08
Salinas AP	62	-1	76	53	228	197	0	0.00	0.00	0.04	12.91
Monterey AP	60	0	69	51	120	66	0	0.00	0.00	0.09	20.35
King City Ag	68	-1	92	49	649	502	0	0.00	0.00	0.01	12.30
Paso Robles AP	74	+2	109	47	962	623	0	0.00	0.00	0.00	13.08
Sacramento Valley											
Redding	81	0	102	60	1,421	1,018	0	0.00	0.00	0.05	33.52
Red Bluff	81	-1	102	61	1,502	1,129	0	0.00	0.00	0.10	24.07
Willow s 6W	76	-1	97	54	1,233	870	0	0.00	0.00	0.06	19.03
Oroville AP	79	+2	101	60	1,219	942	0	0.00	0.00	0.07	28.75
Marysville	78	-2	102	56	1,253	1,126	0	0.00	0.00	0.07	22.07
Sacramento AP	75	0	100	54	1,100	831	0	0.00	0.00	0.05	17.93
San Joaquin Valley											
Stockton	76	-2	99	55	1,143	967	0	0.00	0.00	0.02	13.84
Modesto AP	80	+3	101	59	1,369	1,068	0	0.00	0.00	0.03	13.12
Merced Macready	80	+2	104	58	1,362	1,017	0	0.00	0.00	0.02	12.50
Madera AP	80	+2	105	59	1,251	1,090	0	0.00	0.00	0.01	11.94
Fresno AP	87	+6	109	67	1,802	1,190	0	0.00	0.00	0.01	11.23
Lemoore NAS	84	+6	108	60	1,455	1,084	0	0.00	0.00	0.00	7.89
Visalia AP	82	+3	104	61	1,430	1,094	0	0.00	0.00	0.01	11.03
Bakersfield AP	87	+5	106	68	1,740	1,355	0	0.00	0.00	0.00	6.49
Cascade Sierra											
Alturas AP	65	-2	94	39	246	136	0	0.00	0.00	0.14	12.13
Mount Shasta AP	68	+3	92	44	402	158	1	0.00	0.05	0.22	39.16
Blue Canyon	71	+4	81	63	474	187	0	0.00	0.00	0.20	66.36
Yosemite Valley	79	+7	99	56	837	398	0	0.00	0.00	0.28	37.73
South Coast											
Santa Maria AP	66	+3	77	54	327	186	1	0.01	0.01	0.02	14.01
Santa Barbara A	68	+2	98	57	459	426	0	0.00	0.00	0.00	16.93
Oxnard NWS	68	+3	79	58	554	392	0	0.00	0.00	0.02	15.62
Riverside AP	80	+3	99	63	1,416	1,101	0	0.00	0.00	0.00	10.22
Los Angeles AP	71	+2	79	63	782	681	0	0.00	0.00	0.00	13.15
San Diego AP	72	+2	77	67	711	831	1	0.04	0.04	0.03	10.77
Southeast Interior											
Bishop AP	76	-2	101	52	1,001	744	0	0.00	0.00	0.14	5.02
Daggett AP	91	+4	110	74	2,295	1,710	0	0.00	0.00	0.14	4.17
Lancaster ATC	85	+5	106	63	1,546	1,038	0	0.00	0.00	0.00	7.40
Thermal	94	+4	114	80	2,734	2,449	1	0.01	0.01	0.02	3.53
Blythe AP	94	+1	115	75	2,915	2,492	1	0.21	0.21	0.10	4.02
Imperial CA	93	+3	115	77	2,782	2,330	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.

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