



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEATHER

Even though temperatures generally trended cooler throughout the week, they still remained at least somewhat above normal for most of the Golden State under the influence of high pressure. A weak, low pressure system offshore through much of the period helped funnel a moist, southerly monsoonal flow across Southern California. This resulted in thunderstorms with locally heavy rain and isolated flash flooding in the Inland Empire mountain and high desert areas. These moist conditions in the atmosphere then spread north and triggered additional thunderstorms over the Sierra Nevada and Shasta area mountains. This convective activity generated locally heavy rain and hail around the Lake Tahoe region. Other thunderstorms across the Northern California mountain areas were of the dryer variety, resulting in some lightning-generated wild fire starts and areas of dense smoke.

FIELD CROPS

Continued hot weather promoted rapid crop development over the past week. **Cotton** continued to show good boll retention and development. Over three-quarters of the cotton crop had set their bolls and set bolls were opening. **Corn** for grain was growing well; while corn for silage was being harvested. Cotton and **rice** crops were rated mostly good to excellent. Rice crop was progressing well due to favorable weather conditions. Over three-quarters of the rice crop was headed by week's end. **Alfalfa** continued to be cut, raked and baled. **Safflower** fields were past bloom and were drying down. **Garbanzo** bean harvest continued. **Mint** fields were blooming.

FRUIT CROPS

Orchards and vineyards continued to be irrigated throughout the week due to very high temperatures. The **apple**, **peach**, **nectarine** and fresh **plum** harvests continued. Quality remained good; however, hot temperatures complicated harvest. Table **grape** harvest continued, with Red Flame, Thompson Seedless, Summer Royal and Red Globe varieties being harvested in the San Joaquin Valley. Grape growers assessed damage from above normal temperatures. Some raisin grapes were being cut and laid on paper. **Prune** harvest commenced in the Sacramento Valley. **Pomegranate** fruit continued to gain in size. **Kiwi**, **fig**, **jujube**, and **olive** fruit continued to grow well. **Strawberries**, **boysenberries**, **loganberries** and **blackberries** were being picked and packed. Bartlett, Bosc, and Asian **pear** harvests continued throughout the State. The Valencia **orange** harvest continued, but the Navel orange harvest is finished. **Tangelos**, **grapefruit** and **lemons** continued to be harvested and packed.

NUT CROPS

Almond harvest continued, as more orchards started shaking trees. There was also good developmental progress in **walnut**, **pistachio** and **pecan** orchards. Walnuts were sprayed for weeds, codling moth and husk fly.

VEGETABLE CROPS

In Tulare County, summer vegetables, including **tomatoes**, **peppers**, **squash**, **eggplant** and **cucumbers**, continued to be harvested. Fresno County reported harvesting of **garlic**, bell peppers, **carrots**, **onions**, processed and fresh market tomatoes, green **beans**, **watermelon**, **cantaloupe**, **honeydew**, **beets**, **bittermelon**, **chards**, **choys**, **cucumbers**, **daikon**, eggplant, **kales**, peppers, **spinach**, squash, **turnips** and zucchini. In Stanislaus County, fresh market and roma tomatoes, honeydew and cantaloupe were being harvested. **Broccoli** was being transplanted for October harvest. The hot weather was helpful for the melons. San Joaquin County reported watermelon and onions being harvested, while bell peppers were being packed. In Sutter County, harvest continued for processing tomatoes, melons, beans, peppers, squash and fresh market tomatoes.

LIVESTOCK

Rangeland and non-irrigated pasture nutritional quality continued to deteriorate. Range conditions were reported to be fair to poor with some in a very poor state. Irrigated pasture was reported to be in good condition. Dry conditions and a nearly 50 percent increase in fire activity over last year to date prompted the California Department of Forestry and Fire Protection to impose a statewide burn ban. Over 19,000 acres of forest and range land burned as a result of fires started this week. Cattle and sheep grazed idle fields, dry land grain and alfalfa fields. Supplemental feeding of hay and nutrients continued. Bees worked alfalfa, melon, squash and sunflower fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 8/19/12

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 8/19/12.	Departure from Normal	High	Low	This Season	Normal Season	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 8/19/12	January 1 - 8/19/12	July 1 - 8/19/12	Week Ending 8/19/12	July 1 - 8/19/12	July 1 - 8/19/12	July 1 - 6/30/2013
-- Degrees Fahrenheit --				-- Number --		-- Days /1 --	-- Inches of Precipitation --				
North Coast											
Eureka_WFO	56	-4	64	50	2	41	11	0.01	0.79	0.35	38.10
Ukiah	79	7	107	52	1,171	996	0	0.00	0.00	0.07	38.90
Santa_Rosa_AG	66	-2	87	51	595	711	0	0.00	0.00	0.06	31.01
Napa_State_Hosp	70	2	88	53	895	788	0	0.00	0.00	0.05	26.46
Central Coast											
San_Francisco_A	62	-3	70	53	257	310	0	0.00	0.00	0.02	20.11
San_Jose_AP	70	-2	85	56	888	1,059	0	0.00	0.00	0.06	15.08
Salinas_AP	66	2	78	55	286	341	0	0.00	0.00	0.03	12.91
Monterey_AP	61	-1	70	52	76	133	3	0.00	0.05	0.08	20.35
King_City_Ag	71	3	92	53	734	842	0	0.00	0.00	0.00	12.30
Paso_Robles_AP	82	8	108	56	1,282	1,149	1	0.00	0.01	0.01	13.08
Sacramento Valley											
Redding	87	9	112	66	1,937	1,782	0	0.00	0.00	0.15	33.52
Red_Bluff	87	8	112	64	1,995	1,910	0	0.00	0.00	0.12	24.07
Willows_6W	83	9	105	61	1,686	1,467	1	0.00	0.04	0.05	19.03
Oroville	84	8	105	63	1,759	1,594	0	0.00	0.00	0.11	28.75
Marysville	83	6	107	60	1,734	1,808	0	0.00	0.00	0.06	22.07
Sacramento_AP	79	5	104	58	1,484	1,405	1	0.00	0.03	0.04	17.93
San Joaquin Valley											
Stockton	81	5	104	58	1,533	1,607	0	0.00	0.00	0.05	13.84
Modesto_AP	84	8	104	62	1,803	1,717	0	0.00	0.00	0.05	13.12
Merced_Macready	85	8	107	65	1,949	1,698	1	0.00	0.02	0.03	12.50
Madera_AP	84	6	106	62	1,765	1,813	0	0.00	0.00	0.00	11.94
Fresno_AP	90	11	110	71	2,399	1,975	0	0.00	0.00	0.00	11.23
Lemoore_NAS	86	9	107	64	1,903	1,765	1	0.03	0.03	0.00	7.89
Visalia_AP	85	8	106	66	1,970	1,802	0	0.00	0.00	0.00	11.03
Bakersfield	90	9	110	73	2,406	2,210	1	0.00	0.02	0.00	6.49
Cascade Sierra											
Alturas_AP	73	8	99	44	511	369	1	0.06	0.06	0.49	12.13
Mount_Shasta_AP	75	10	99	50	710	393	2	0.01	0.07	0.58	39.16
Blue_Canyon	78	11	89	67	842	490	2	0.00	0.48	0.55	66.36
Yosemite_Valley	82	10	100	60	1,377	896	1	0.00	0.05	0.59	37.73
South Coast											
Santa_Maria_AP	65	2	85	53	264	344	1	0.00	0.03	0.03	14.01
Santa_Barbara_A	68	-1	81	55	378	721	1	0.00	0.02	0.03	16.93
Oxnard_NWS	70	4	85	59	676	641	1	0.00	0.05	0.02	15.62
Riverside_AP	88	9	105	69	2,057	1,831	0	0.00	0.00	0.09	10.22
Los_Angeles_AP	74	4	84	65	882	1,057	0	0.00	0.00	0.06	13.15
San_Diego_AP	77	5	86	70	963	1,271	0	0.00	0.00	0.02	10.77
Southeast Interior											
Bishop_AP	79	5	101	56	1,441	1,354	4	0.03	0.17	0.18	5.02
Daggett_AP	93	7	108	78	3,140	2,738	6	0.00	0.43	0.72	4.17
Lancaster_ATC	88	9	105	68	2,182	1,808	1	0.00	0.02	0.13	7.40
Thermal	95	5	117	80	3,713	3,600	4	0.00	0.39	0.39	3.53
Blythe_AP	93	2	117	75	4,026	3,734	8	0.43	2.34	0.74	4.02
Imperial_CA	95	4	116	81	3,759	3,508	3	0.00	1.01	0.26	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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