



California Crop Weather

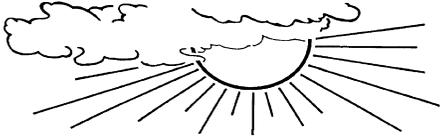
Cooperating with the California Department of Food and Agriculture

California Field Office • P.O. Box 1258 • Sacramento, CA 95812 • (916) 498-5161 • (916) 498-5186 FAX • www.nass.usda.gov/ca

WEEK ENDING: August 1, 2010
RELEASED: August 2, 2010

FREQUENCY: Weekly
VOL. 31 NO. 6

WEATHER



On Monday, a low pressure system spinning off the north-west coast of California combined with monsoonal moisture triggered showers and thunderstorms along the crest of the Sierra Nevada and eastward. Tuesday, showers were limited to the north-east plateau of California. During the mid and latter part of the period, a trough developed over the State, created an onshore flow, and kept precipitation east of California. High temperatures in the Imperial Valley were 5 to 10 degrees below normal throughout the period. Temperatures along coastal locations and in the inland valleys of northern and central California were also slightly below normal with a moderate to strong onshore flow. Early in the period, temperatures up to 15 degrees below normal were quite common for areas affected by the delta influence. Saturday and Sunday, highs crept back up into the low 90's for the Sacramento and San Joaquin Valleys.

FIELD CROPS

Rice fields continued to progress and were treated with herbicides. **Alfalfa** continued to be cut and baled for hay. **Safflower** fields were blooming and forming seed heads in the San Joaquin Valley. Lygus treatments continued in **cotton** fields. **Corn** silage was harvested in southern areas of the State. Forages and other small grains were harvested for hay and silage. **Wheat, oat, rye, and barley** harvests continued. Garbanzo **bean** fields were drying down. Harvested small grain fields were disked. Field operations continued which included irrigating; spraying fertilizer, herbicides, and insecticides; planting; and cultivating.

FRUIT CROPS

The **blueberry, blackberry, and strawberry** harvests continued to near completion in the San Joaquin Valley. The **apricot** harvest was completed as the **plum, peach, and nectarine** harvests were ongoing. Gala **apples** were picked in the San Joaquin Valley as other apple varieties showed good development. Picking of Valencia **oranges** continued normally in the Central Valley and along the southern coast. **Lemons** were picked along the coastal region. The **fig** harvest continued normally. The early table **grape** harvest continued in the San Joaquin Valley as raisin and wine grapes continued to develop. Cooler temperatures slowed development in wine grape vineyards in Napa County. Maintenance to orchards, groves, and vineyards continued with the spraying of fungicides, fertilizers, pesticides, and herbicides as necessary.

NUT CROPS

Hull splitting continued in **almond** orchards across the State as hull split sprays were ongoing. Tree shaking was expected to begin in one to two weeks. Good size development continued for **Walnut, pistachio, and pecan** nuts. Weed control was ongoing in nut orchards in the Central Valley.

VEGETABLE CROPS

Summer vegetables harvest was ongoing throughout the State. In Kern County, **cantaloupes** and **carrots** were harvested. In Fresno County, cantaloupes and **watermelons** were growing nicely and were being harvested along with **honeydew** and specialty melons. Yields were down this year; and subsequent fields for planting or transplanting continued to be prepared. **Onion** harvest continued with white, yellow and red varieties all sizing nicely. **Garlic** was being dried down in preparation for harvest and some fields had been uprooted. **Tomatoes** and **peppers** were growing vigorously, flowering and setting fruit; growers were treating to control mildew. Fresh market and processing tomatoes were harvested. **Sweet corn** was growing well and being harvested; fields were treated for insect pests. Carrots continued to grow well. Summer vegetables such as **beets, bittermelon, carrots, chards, choys, collard greens, cucumbers, daikon, eggplant, green, yellow and long beans; herbs, kales, lemon grass, lettuce, mustard greens, peppers, tomatillos, turnips and squashes** were being harvested. Growers transplanted and seeded crops of cucumber, eggplant, green and bulb onions, **spinach** and **squash**. Tomatoes were harvested, but were slow to mature due to cooler temperatures. Carrots and fresh onions were also harvested. In San Joaquin County, summer **cauliflower**, sweet corn, canning tomatoes, cucumbers and watermelons were harvested. In Sutter County, field work and ground preparation continued. Beans were treated for spider mite and aphids. Colusa County began harvest of processing tomatoes.

LIVESTOCK

Range conditions continued to deteriorate as grasses dried. Irrigated pasture was reported to be in good condition. Sheep and cattle were on summer range. Supplemental feeding of hay and nutrients continued as range quality declined. Bees were in alfalfa seed fields and moved into melon fields in some locations.

CALIFORNIA CROP WEATHER – WEEK ENDING 8/1/10

STATIONS ¹	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION					
	Average Week Ending 8/1/10	Departure from Normal	High	Low	This Season	Normal	Rain Days ²	This Season		Normal		
					January 1 - 8/1/10	January 1 - 8/1	July 1 - 8/1/10	Week Ending 8/1/10	July 1 - 8/1/10	July 1 - 8/1	July 1 - June 30	
	-- Degrees Fahrenheit --				-- Number --		-- Days --		-- Inches --			
North Coast												
Eureka_WFO	55	-4	62	50	5	32	2	0.04	0.04	0.17	38.10	
Ukiah	70	-4	96	49	699	753	0	0.00	0.00	0.05	38.90	
Santa_Rosa_AG	62	-7	79	50	326	567	1	0.01	0.01	0.06	31.01	
Napa_AP	64	-6	78	50	470	623	0	0.00	0.00	0.05	26.46	
Central Coast												
San_Francisco_A	62	-2	72	52	211	242	0	0.00	0.00	0.03	20.11	
San_Jose_AP	66	-5	78	55	577	850	0	0.00	0.00	0.06	15.08	
Salinas_AP	61	-4	71	53	146	265	0	0.00	0.00	0.04	12.91	
Monterey_AP	59	-2	66	52	49	99	0	0.00	0.00	0.09	20.35	
King_City_Ag	66	-4	83	49	491	667	0	0.00	0.00	0.01	12.30	
Paso_Robles_AP	67	-8	95	47	761	882	1	0.00	0.02	0.01	13.08	
Sacramento Valley												
Redding	79	-3	98	60	1,337	1,410	0	0.00	0.00	0.05	33.52	
Red_Bluff	78	-4	98	60	1,320	1,525	0	0.00	0.00	0.10	24.07	
Willows_6W	74	-3	93	56	1,144	1,173	0	0.00	0.00	0.06	19.03	
Oroville	75	-3	94	57	1,225	1,274	1	0.00	0.01	0.07	28.75	
Marysville	73	-7	95	52	1,082	1,468	0	0.00	0.00	0.07	22.07	
Sacramento_AP	71	-6	92	52	941	1,118	0	0.00	0.00	0.05	17.93	
San Joaquin Valley												
Stockton	71	-7	91	52	972	1,288	0	0.00	0.00	0.05	13.84	
Modesto_AP	74	-5	93	55	1,236	1,392	0	0.00	0.00	0.05	13.12	
Merced_Macready	74	-6	94	55	1,123	1,359	0	0.00	0.00	0.03	12.50	
Madera_AP	75	-6	97	56	1,200	1,450	0	0.00	0.00	0.01	11.94	
Fresno_AP	80	-2	100	61	1,505	1,586	0	0.00	0.00	0.01	11.23	
Lemoore_NAS	77	-3	98	56	1,248	1,426	0	0.00	0.00	0.00	7.89	
Visalia_AP	77	-3	97	59	1,345	1,450	0	0.00	0.00	0.01	11.03	
Bakersfield	82	-2	99	64	1,572	1,781	0	0.00	0.00	0.00	6.49	
Cascade Sierra												
Alturas_AP	67	0	91	38	316	261	2	0.00	0.02	0.31	12.13	
Mount_Shasta_AP	68	2	92	43	421	283	1	0.00	0.08	0.40	39.16	
Blue_Canyon	69	1	78	60	461	341	0	0.00	0.00	0.38	66.36	
Yosemite_Valley	76	3	96	54	785	644	1	0.00	0.01	0.52	37.73	
South Coast												
Santa_Maria_AP	59	-6	70	46	66	258	1	0.00	0.03	0.03	14.01	
Santa_Barbara_A	60	-9	70	48	208	563	1	0.00	0.01	0.03	16.93	
Oxnard_NWS	62	-6	71	51	403	508	2	0.00	0.03	0.02	15.62	
Riverside_AP	74	-7	92	58	1,287	1,454	0	0.00	0.00	0.03	10.22	
Los_Angeles_AP	65	-6	71	59	500	858	0	0.00	0.00	0.03	13.15	
San_Diego_AP	66	-7	71	61	501	1,038	2	0.00	0.02	0.03	10.77	
Southeast Interior												
Bishop_AP	79	3	102	54	1,023	1,056	2	0.02	0.09	0.17	5.02	
Daggett_AP	90	2	107	73	2,209	2,222	1	0.00	0.02	0.47	4.17	
Lancaster_ATC	82	2	99	62	1,404	1,422	0	0.00	0.00	0.10	7.40	
Thermal	89	-3	107	69	2,572	3,018	0	0.00	0.00	0.20	3.53	
Blythe_AP	95	1	108	80	2,917	3,104	0	0.00	0.00	0.34	4.02	
Imperial_CA	93	2	107	77	2,765	2,906	1	0.00	0.02	0.07	2.96	

¹ Weather stations added as of July 6, 2010

² New addition as of July 6, 2010. Total number of days with precipitation events this season.

Precipitation (rain or melted snow/ice) 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.

Copyright 2010: Agricultural Weather Information Service, Inc.

All rights reserved.