



California Crop Weather

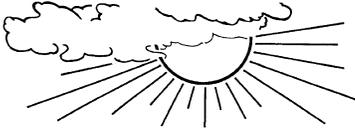
Cooperating with the California Department of Food and Agriculture

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

WEEK ENDING: September 5, 2010
RELEASED: September 7, 2010

FREQUENCY: Weekly
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WEATHER



August would end on the cooler side of average as an unseasonably cool system passed through the State last weekend. Parts of Burney Basin, the Sierra Nevada, and the Northern Sacramento Valley would receive little more than a tenth of an inch of precipitation with this system. Temperatures throughout most of inland California would remain mild through the remainder of the month as a result of this low. September rolled in on Wednesday with a warm start as an area of high pressure built in over the State that enabled warming aloft and a trend of above average temperatures for the remainder of the week. Triple digit temperatures in the Sacramento and San Joaquin valley were observed both Thursday and Friday. Inland Southern California and the Central/Southern San Joaquin Valley continued the triple digit pace through Saturday. Above average temperatures persisted through the Labor Day weekend for Interior California, but gradually cooling due to the tapering off of the strength of high pressure over the State. The Bay Area and Salinas Valley experienced a short burst of hot temperatures on Wednesday due to offshore flow. Southern Coastal California remained slightly below normal for most of the previous week.

FIELD CROPS

Rice fields continued to head; some fields were drained, while others added water. **Alfalfa** continued to be cut and baled. **Potato** fields were rolled and prepped for harvest in Northern areas, while harvest continued in the San Joaquin Valley. **Corn** silage continued to be harvested. Garbanzo **bean** harvest continued in Fresno County while **safflower** harvest was nearly complete. **Sorghum** continued to develop. **Cotton** fields were sprayed for aphids and lygus, among other pests. Black-eyed bean fields in Tulare County received their last irrigation before harvest. **Sunflower** fields continued to be harvested. Field operations continued with irrigation, ground preparation, and spray applications of fertilizer, herbicide, and insecticide, as needed.

FRUIT CROPS

Peaches, nectarines, plums, prunes, Gala and Fuji **apples,** as well as **pears** were harvested and packed in the Central Valley. Valencia **oranges** continued to be picked in the Central Valley and along the southern coast, though harvest slowed due to quality issues stemming from re-greening of fruit. The **lemon** harvest along the southern coast neared its completion, while picking began in the desert region. The table, wine, and raisin **grape** harvests continued in the San Joaquin Valley. **Pomegranates** showed good development in both size and color. Fruit in **olive** orchards continued to mature in size at a slow pace due to a heavy set.

NUT CROPS

Shaking and harvesting of Nonpareil **almond** varieties in the Sacramento and San Joaquin Valleys was well underway as hull splitting continued in later varieties. There were grower reports of salt water damage in western San Joaquin Valley almond orchards. Irrigation in **walnut** and **pistachio** orchards was ongoing as the crop continued to develop at a slow pace.

VEGETABLE CROPS

Imperial County reported early transplants of **cauliflower,** pre-irrigation of some **lettuce** fields and ground preparation for future lettuce production. In Tulare County, **cucumbers** and **squash** were harvested for late market. In Fresno County, processing **tomatoes, cantaloupes, garlic** and **onions** were being harvested. **Watermelon, honeydew** and mixed melons continued to grow with harvest in full swing. Nicely sized garlic continued to be harvested, as was bell **peppers.** Yield is down about 60 percent on the acreage of red bells harvested versus green bells due to the lower summer temperatures. Subsequent fields of tomatoes and peppers were growing vigorously, flowering and setting fruit. **Carrots** were growing nicely. Beds are being prepared for the fall lettuce season. **Sweet corn** for consumption was at various stages of growth, and harvest continued while subsequent fields were planted. **Broccoli** fields were being prepared for fall planting; some fields that have been planted already were showing good development. Growers were planting melon, cucumber and squash transplants. Summer vegetables such as **beets, bittermelon, chards, choys, kales,** squash, **eggplant,** green, yellow and long **beans,** cherry tomatoes, **daikon, tomatillos** and cucumbers were being harvested. Kern County reported no vegetables harvested in the Mettler quarantine area due to the melon-fly; this area may be expanded. Siskiyou County reported onions being treated for thrip.

LIVESTOCK

Rangeland forage grasses and non-irrigated pasture continued to deteriorate at all elevations and fire danger increased with higher temperatures and red flag high wind warnings mid-week. Range conditions were notably better than this time last year due to the late rains and relatively cool summer. Irrigated pasture was reported to be in good condition. Supplemental feeding of hay and nutrients continued as range quality declined. Sheep continued to graze on idle farmland, harvested grain fields and rangeland. Dairies attempted to keep cows cool with fans and misting in the central valley during the heat. Bees were in sunflower, melon and some vegetable fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 9/5/10

STATIONS ¹	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION					
	Average Week Ending 9/5/10	Departure from Normal	High	Low	This Season	Normal	Rain Days ²	This Season		Normal		
					January 1 - 9/5/10	January 1 - 9/5	July 1 - 9/5/10	Week Ending 9/5/10	July 1 - 9/5/10	July 1 - 9/5	July 1 - June 30	
	-- Degrees Fahrenheit --				-- Number --		-- Days --		-- Inches --			
North Coast												
Eureka_WFO	58	-2	74	44	11	57	11	0.00	0.18	0.64	38.10	
Ukiah	72	1	99	47	1,123	1,180	1	0.00	0.01	0.25	38.90	
Santa_Rosa_AG	69	3	98	46	539	839	2	0.00	0.02	0.22	31.01	
Napa_AP	69	2	99	47	705	916	0	0.00	0.00	0.21	26.46	
Central Coast												
San_Francisco_A	68	5	92	55	382	374	0	0.00	0.00	0.10	20.11	
San_Jose_AP	72	2	96	53	897	1,229	0	0.00	0.00	0.13	15.08	
Salinas_AP	65	1	91	52	254	416	1	0.00	0.01	0.10	12.91	
Monterey_AP	61	-2	83	51	94	173	6	0.00	0.15	0.22	20.35	
King_City_Ag	69	0	99	46	766	986	0	0.00	0.00	0.06	12.30	
Paso_Robles_AP	74	3	103	48	1,193	1,352	1	0.00	0.02	0.12	13.08	
Sacramento Valley												
Redding	79	3	102	50	2,013	2,054	2	0.00	0.13	0.32	33.52	
Red_Bluff	79	2	102	54	1,983	2,202	0	0.00	0.00	0.31	24.07	
Willows_6W	76	3	98	54	1,696	1,693	0	0.00	0.00	0.20	19.03	
Oroville	76	3	99	55	1,821	1,822	1	0.00	0.01	0.28	28.75	
Marysville	75	0	100	52	1,602	2,065	0	0.00	0.00	0.20	22.07	
Sacramento_AP	75	2	100	54	1,397	1,626	0	0.00	0.00	0.16	17.93	
San Joaquin Valley												
Stockton	75	0	102	52	1,443	1,855	0	0.00	0.00	0.15	13.84	
Modesto_AP	77	3	102	54	1,784	1,967	0	0.00	0.00	0.13	13.12	
Merced_Macready	75	-1	100	51	1,651	1,956	0	0.00	0.00	0.05	12.50	
Madera_AP	76	-1	102	53	1,770	2,086	0	0.00	0.00	0.03	11.94	
Fresno_AP	80	3	103	57	2,226	2,266	0	0.00	0.00	0.03	11.23	
Lemoore_NAS	76	2	102	51	1,861	2,022	0	0.00	0.00	0.07	7.89	
Visalia_AP	76	0	99	54	1,935	2,064	0	0.00	0.00	0.03	11.03	
Bakersfield	80	2	103	58	2,337	2,534	0	0.00	0.00	0.08	6.49	
Cascade Sierra												
Alturas_AP	59	-3	91	34	488	428	6	0.07	0.31	0.77	12.13	
Mount_Shasta_AP	63	1	90	39	669	460	3	0.05	0.14	0.92	39.16	
Blue_Canyon	68	3	82	46	773	589	1	0.00	0.14	0.95	66.36	
Yosemite_Valley	72	2	97	45	1,256	1,070	1	0.00	0.01	0.82	37.73	
South Coast												
Santa_Maria_AP	61	-4	81	48	127	424	2	0.00	0.04	0.13	14.01	
Santa_Barbara_A	60	-9	73	48	289	865	1	0.00	0.01	0.19	16.93	
Oxnard_NWS	63	-5	74	52	543	756	2	0.00	0.03	0.14	15.62	
Riverside_AP	79	2	108	58	1,962	2,131	0	0.00	0.00	0.24	10.22	
Los_Angeles_AP	64	-7	74	56	706	1,233	0	0.00	0.00	0.20	13.15	
San_Diego_AP	67	-7	74	60	790	1,474	2	0.00	0.02	0.12	10.77	
Southeast Interior												
Bishop_AP	70	-2	97	40	1,517	1,550	3	0.00	0.11	0.34	5.02	
Daggett_AP	84	2	107	60	3,154	3,127	1	0.00	0.02	0.90	4.17	
Lancaster_ATC	77	2	105	53	2,090	2,085	0	0.00	0.00	0.24	7.40	
Thermal	86	-2	116	64	3,618	4,057	0	0.00	0.00	0.64	3.53	
Blythe_AP	89	-1	113	64	4,103	4,224	1	0.00	0.03	1.08	4.02	
Imperial_CA	89	-1	115	64	3,914	3,985	2	0.00	0.18	0.43	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) 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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