



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEEK ENDING: August 22, 2010
RELEASED: August 23, 2010

FREQUENCY: Weekly
VOL. 31 NO. 9

WEATHER



Warmer than normal high temperatures were reported Monday across most locations in California, as weak ridging dominated the weather pattern. During the mid-part of the period, a trough of low pressure from the Pacific moved onshore and resided over extreme Northern California. This created an increase in the delta influence, and lowered temperatures to around 5 degrees below normal on Thursday. Regions in Southern California, such as Imperial Valley, were not influenced by this weather system as temperatures remained near normal. An even deeper trough moved onshore Saturday into Sunday keeping temperature 5 to 10 degrees below normal for Northern California. Light sprinkles fell in close proximity to the northern Sierra Nevada crest on Saturday; otherwise no significant precipitation was reported.

FIELD CROPS

While weed and insect control continued in **alfalfa** fields, cuttings ranged from the third in Siskiyou County to the sixth in Fresno County. **Wheat** straw continued to be baled from the grain harvest. **Sunflower** fields were defoliated for harvest. **Safflower** was being harvested in Sutter County and the harvest just started in Kern County. **Rice** fields continued to progress. **Corn** was being harvested for silage in much of the San Joaquin Valley. **Cotton** growth continued with fields at various stages of bloom and squaring. **Sugar beets** were being harvested in Fresno County. Field operations continued with irrigation, ground preparation, and spray applications of fertilizer, herbicide, and insecticide, as needed.

FRUIT CROPS

Peaches, nectarines, and plums continued to be harvested and packed as the **prune** harvest began. **Gala apples** continued to be picked in the San Joaquin Valley. Valencia **oranges** continued to be picked in the Central Valley and along the southern coast. Fertilization and irrigation of orange groves was ongoing. The **lemon** harvest along the southern coast neared its completion. The table **grape** harvest continued in the San Joaquin Valley as the wine grape harvest was underway and raisin grapes continued to develop. **Strawberry** nurseries in Siskiyou County were prepared for fumigation, while strawberry fields in the San Joaquin Valley were prepared for fall planting.

NUT CROPS

There was shaking and harvesting of Nonpareil **almond** varieties in the Sacramento and San Joaquin Valleys as hull splitting continued and final hull split sprays were applied in later varieties. Codling moth and husk fly sprays were ongoing in **walnut** orchards as the crop continued to develop well, though harvest is expected to be one to two weeks later than usual. Sprays to suppress navel orangeworm (NOW) were planned for **pistachio** orchards. Walnut and **pecan** orchards were also irrigated.

VEGETABLE CROPS

Farmers' markets were at the peak of their summer vegetable season. Imperial County continued ground preparation for fall veggies. In Kern County, **carrots** were being harvested. In Tulare County, **tomatoes, eggplant, green beans, squash** and assorted **peppers** were in harvest, while some areas were being prepared for early plantings of winter vegetables. In Fresno County, summer carrots, **melons, garlic** and fresh market and dehydrator **onions** were also being harvested. Winter carrots were being planted. In Stanislaus County, melon harvest was in full swing while processing tomato harvest began on the west side of the county. San Joaquin County was harvesting onions and processing tomatoes. Fall tillage and ground preparation for planting continued. Sutter County reported continued harvest of vegetables for farmers' markets. Field work and ground preparation continued. Beans were treated for spider mites and aphids, while tomatoes were treated for stinkbug.

LIVESTOCK

Rangeland forage grasses and non-irrigated pasture continued to deteriorate at all elevations. Irrigated pasture was reported to be in good condition. Supplemental feeding of hay and nutrients continued as range quality declined. Sheep grazed on idle farmland, harvested grain fields and some rangeland. Dairies cooled attempted to keep cows cool with fans and misting in Imperial Valley.

CALIFORNIA CROP WEATHER – WEEK ENDING 8/22/10

STATIONS ¹	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION					
	Average Week Ending 8/22/10	Departure from Normal	High	Low	This Season	Normal	Rain Days ²	This Season		Normal		
					January 1 - 8/22/10	January 1 - 8/22	July 1 - 8/22/10	Week Ending 8/22/10	July 1 - 8/22/10	July 1 - 8/22	July 1 - June 30	
	-- Degrees Fahrenheit --				-- Number --		-- Days --		-- Inches --			
North Coast												
Eureka_WFO	57	-2	63	51	5	43	9	0.02	0.12	0.38	38.10	
Ukiah	70	-3	98	47	949	1,020	1	0.00	0.01	0.10	38.90	
Santa_Rosa_AG	64	-4	85	49	395	727	2	0.00	0.02	0.08	31.01	
Napa_AP	66	-3	85	50	568	804	0	0.00	0.00	0.07	26.46	
Central Coast												
San_Francisco_A	63	-2	74	54	257	318	0	0.00	0.00	0.03	20.11	
San_Jose_AP	67	-5	83	55	721	1,081	0	0.00	0.00	0.06	15.08	
Salinas_AP	62	-3	73	50	170	349	1	0.00	0.01	0.04	12.91	
Monterey_AP	59	-4	67	52	50	137	6	0.01	0.15	0.11	20.35	
King_City_Ag	67	-3	87	47	630	860	0	0.00	0.00	0.01	12.30	
Paso_Robles_AP	74	1	3	46	998	1,175	1	0.00	0.02	0.01	13.08	
Sacramento Valley												
Redding	78	-2	10	56	1,743	1,818	0	0.00	0.00	0.18	33.52	
Red_Bluff	77	-3	0	55	1,709	1,948	0	0.00	0.00	0.15	24.07	
Willows_6W	74	0	95	54	1,457	1,497	0	0.00	0.00	0.06	19.03	
Oroville	76	0	96	55	1,578	1,624	1	0.00	0.01	0.14	28.75	
Marysville	74	-4	96	53	1,372	1,842	0	0.00	0.00	0.07	22.07	
Sacramento_AP	71	-4	94	53	1,177	1,433	0	0.00	0.00	0.05	17.93	
San Joaquin Valley												
Stockton	72	-5	97	51	1,228	1,639	0	0.00	0.00	0.05	13.84	
Modesto_AP	75	-3	97	55	1,549	1,749	0	0.00	0.00	0.05	13.12	
Merced_Macready	75	-3	97	53	1,439	1,732	0	0.00	0.00	0.03	12.50	
Madera_AP	76	-3	0	53	1,537	1,849	0	0.00	0.00	0.01	11.94	
Fresno_AP	81	3	4	61	1,939	2,013	0	0.00	0.00	0.01	11.23	
Lemoore_NAS	78	2	3	54	1,625	1,799	0	0.00	0.00	0.00	7.89	
Visalia_AP	78	1	0	57	1,698	1,836	0	0.00	0.00	0.01	11.03	
Bakersfield	83	3	3	65	2,034	2,252	0	0.00	0.00	0.00	6.49	
Cascade Sierra												
Alturas_AP	64	-2	94	36	444	379	3	0.00	0.05	0.52	12.13	
Mount_Shasta_AP	67	3	95	45	589	403	2	0.00	0.09	0.64	39.16	
Blue_Canyon	69	2	82	53	633	504	0	0.00	0.00	0.60	66.36	
Yosemite_Valley	75	3	97	55	1,072	920	1	0.00	0.01	0.63	37.73	
South Coast												
Santa_Maria_AP	61	-4	74	48	84	354	2	0.00	0.04	0.03	14.01	
Santa_Barbara_A	65	-5	79	52	265	739	1	0.00	0.01	0.05	16.93	
Oxnard_NWS	66	-2	80	54	489	655	2	0.00	0.03	0.02	15.62	
Riverside_AP	84	5	1	66	1,665	1,869	0	0.00	0.00	0.11	10.22	
Los_Angeles_AP	69	-3	80	60	620	1,079	0	0.00	0.00	0.08	13.15	
San_Diego_AP	71	-3	82	61	669	1,297	2	0.00	0.02	0.03	10.77	
Southeast Interior												
Bishop_AP	78	4	10	50	1,347	1,382	3	0.00	0.11	0.21	5.02	
Daggett_AP	91	6	9	70	2,795	2,790	1	0.00	0.02	0.75	4.17	
Lancaster_ATC	85	6	4	58	1,822	1,846	0	0.00	0.00	0.15	7.40	
Thermal	93	4	11	75	3,214	3,660	0	0.00	0.00	0.41	3.53	
Blythe_AP	97	6	11	83	3,644	3,798	0	0.00	0.00	0.80	4.02	
Imperial_CA	97	6	11	82	3,461	3,570	1	0.00	0.02	0.28	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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