United States Department of Agriculture
National Agricultural Statistics Service

California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: June 27, 2010 **FREQUENCY:** Weekly
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WEATHER

The previous week in weather for California began with the easing of an onshore flow that cooled coastal and delta regions slightly below normal. Early last week would see the arrival of an upper level low pressure system that would increase cloud cover, increase upper level moisture content, and further dropped temperatures below normal for this time of the year. Northern California felt these effects by Tuesday, Central California would feel the effects by Thursday, and Southern California was kept cool for most of the week. Very little precipitation was observed however due to the upper level nature of this system and the dry lower atmosphere. Following the passage of this upper low, a powerful high level ridge would settle in and cause temperatures to soar well above normal for all but the coastal regions of California, and much of interior California would rise well into the triple digits.

FIELD CROPS

Wheat, oat, and **barley** harvests continued. **Alfalfa hay** continued to be cut and baled. Hay production ranged from the first cutting in Siskiyou County to fourth cutting in Tulare County. **Corn** and **sorghum** continued to be planted and fertilized. Earlier planted corn was beginning to tassel. **Cotton** fields were being fertilized, cultivated, and irrigated; fields in the southern San Joaquin Valley were treated for lygus. **Rye** harvest started in Merced County. **Rice** fields received fertilizer and herbicide applications. Irrigation frequency increased as temperatures warmed up.

FRUIT CROPS

In the San Joaquin Valley, picking of Valencia **oranges** continued normally as the navel orange harvest neared its conclusion. The **lemon** harvest was ongoing along the coast. Citrus tree budding increased as a result of warmer weather as the seasonal fruit drop occurred normally. The **strawberry** harvest was ongoing in the Central Valley as the **blueberry** and **blackberry** harvests slowed down. The **apricot** harvest continued as picking of **peaches**, **plums**, and **nectarines** began. Herbicides were applied in prune orchards. The **olive** bloom was completed in San Joaquin County. Fruit orchards were irrigated across the state to decrease stress and promote development. In addition to irrigation, orchards, groves, and vineyards were pruned and had fungicides, fertilizers, pesticides, and herbicides applied as necessary.

NUT CROPS

Almond orchards continued to develop well as insect presence was limited. Hull split was expected to be delayed this year due to cooler temperatures earlier in the season. Herbicide applications along with codling moth sprays were made in **walnut** orchards. Irrigation and weed control was ongoing in nut orchards in the Central Valley.

VEGETABLE CROPS

Broccoli and **cauliflower** were maturing in Tulare County and early-planted **melons** were growing well. **Sweet corn** and **tomatoes** were developing more slowly than normal due to the weather. **Bell pepper**, **cantaloupe**, **honeydew**, tomato and **watermelon** fields continued to be planted in Merced County. Harvests of **squash** and **parsley** progressed. In Kern County, processing tomatoes were behind schedule because of the cool spring temperatures. Visible growth in the **onion** crop was reported in Siskiyou County. Tomato transplanting, field work and ground preparation continued in Sutter County. Onions were being harvested and packed in San Joaquin County. The sweet corn crop was progressing well and tomatoes were about two weeks behind schedule after the moist spring weather. Tomatoes were all planted on the Westside of Stanislaus County. Late spring rains caused some fields to be replanted. Onions and **garlic** in Fresno County were irrigated and some early fields were prepared for the final stages before harvest. **Carrots** were also irrigated and treated with fungicide.

LIVESTOCK

Range conditions continued to be reported as fair to excellent, while the lower elevations saw some drying. Supplemental feeding of hay and nutrients continued in some locations. Cattle in the Central Valley continued to show good weight gains. Because of better conditions, more cattle have been on rangeland this year. Warmer temperatures sped the maturation of rangeland. The lack of extreme heat has been beneficial for dairy cattle. Bees were moved to vineseed.

This report is available the first workday of the week after 1:00 PDT at
www.nass.usda.gov/Statistics_by_State/California/Publications/index.asp

CALIFORNIA CROP WEATHER – WEEK ENDING 6/27/10

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60ºF BASE		PRECIPITATION			
	Average Week Ending 6/27/10	Departure from Normal	High	Low	This Season	Normal	This Season		Normal	
					January 1 - 6/27/10	January 1 - 6/27	Week Ending 6/27/10	July 1 - 6/27/10	July 1 - 6/27	July 1 - June 30
	- - Degrees Fahrenheit - -				- - Number - -		- - Inches - -			
NORTH COAST										
Eureka	56	-1	62	50	38	*	0.00	41.90	38.08	38.32
Ukiah	--	--	--	--	240	273	0.00	24.02	39.10	39.36
Santa Rosa	66	-1	92	49	172	169	0.00	32.01	30.73	30.93
CENTRAL COAST										
San Francisco AP	61	-1	81	53	95	41	0.00	21.55	20.19	20.33
San Jose	--	--	--	--	229	316	0.00	16.00	15.04	15.15
Salinas AP	60	-2	80	51	70	35	0.02	14.31	12.74	12.86
Monterey FAA	--	--	--	--	43	8	0.00	13.15	14.57	20.52
King City	66	0	94	48	228	212	0.01	13.76	12.15	12.24
Paso Robles AP	71	0	104	45	349	332	0.00	13.25	13.25	13.35
SACRAMENTO VALLEY										
Redding	80	3	106	56	510	610	0.00	30.61	35.51	35.74
Red Bluff FSS	81	3	108	60	534	687	0.00	24.21	23.57	23.73
Chico AFS	73	-1	103	0	444	523	0.00	28.46	26.34	26.52
Marysville	77	1	103	54	468	695	0.00	20.03	22.26	22.41
Sacramento AP	75	2	103	52	431	480	0.00	20.61	17.84	17.96
SAN JOAQUIN VALLEY										
Stockton WSO	74	0	101	51	440	585	0.00	15.47	13.85	13.94
Fresno	80	1	101	59	690	788	0.00	12.39	11.30	11.38
Bakersfield	80	0	100	60	716	890	0.00	7.19	6.50	6.55
SOUTH COAST										
Santa Maria AP	58	-4	70	49	37	22	0.00	15.31	14.08	14.19
Santa Barbara	61	-3	73	54	88	80	0.00	20.83	17.20	17.46
Ventura	61	0	69	51	88	*	0.00	16.33	15.22	15.34
Los Angeles	70	-2	80	61	734	662	0.00	16.36	15.15	15.29
Riverside	--	--	--	--	586	567	0.00	*	10.65	10.73
San Diego AP	64	-4	70	58	304	419	0.00	11.02	10.71	10.78
SOUTHEAST INTERIOR										
Bishop	75	2	100	49	366	354	0.00	6.84	5.00	5.04
Lancaster	78	1	104	56	570	585	0.00	7.63	7.80	7.86
Daggett AP	--	--	--	--	1,127	1,215	0.00	4.21	4.19	4.23
Thermal AP	88	0	107	67	1,433	1,715	0.00	3.75	3.59	3.61
Blythe	--	--	--	--	1,691	1,876	0.00	4.67	4.06	4.08
Imperial	88	-1	109	66	1,590	1,760	0.00	3.77	3.01	3.02
CASCADE - SIERRA										
Alturas	63	3	92	34	36	3	0.00	9.79	12.16	12.26
Mt. Shasta	66	4	88	43	64	25	0.00	45.86	39.69	39.99
Blue Canyon	65	2	83	51	60	35	0.04	49.80	65.42	65.90
Yosemite	--	--	83	45	146	136	0.00	17.69	38.14	38.41

Normal is defined as average over the 30-year period 1961 through 1990. Dashes (- -) in Average Week Ending and Departure from Normal columns mean less than five days reporting, while in High and Low columns mean no days reporting.

Asterisks (*) indicate missing data.

Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data are quality controlled by the National Climatic Data Center, the accumulated growing degree day and precipitation values are updated.