

California Crop Weather

National Agricultural Statistics Service

In Cooperation with the California Department of Food and Agriculture California Field Office • P.O. Box 1258 • Sacramento, CA 95812 • (916) 498-5161 • www.nass.usda.gov/ca

WEEK ENDING:January 7, 2007RELEASED:January 8, 2007

FREQUENCY: Weekly VOL. 27 NO. 27

### WEATHER



A high pressure system developed over northern California at the start of the week, resulting in dry and mild conditions across the State. The high pressure eventually led to a strengthening offshore flow in southern California and increased fire danger there. At the middle of the week a minor storm system pushed through northern California and spread rain and mountain snow across the northern two-thirds of the State. Southern California and widespread dry. After the storm had passed, cold air moved into northern California and widespread freezing temperatures were reported across the Central Valley. With cold high pressure settling over the north, southern California saw increased off shore flow as a Santa Ana wind episode developed. Daytime highs in the south ran well above normal, and humidity fell to very low levels, resulting in very high fire danger for that part of the State.

### **FIELD CROPS**

The shredding of **cotton** stalks for plowdown compliance was nearly complete in the Central Valley. Early plantings of **oats** and **wheat** had emerged and were being fertilized, irrigated and treated for broad leaf weeds. Herbicides were applied to small grain crops. Showers in the San Joaquin Valley slowed the planting of late winter forage, but the moisture has improved the condition of existing fields. Cold weather forced the **alfalfa** fields in the Central Valley into dormancy. Dormant herbicide applications to alfalfa fields continued statewide. Seed alfalfa fields were being mowed. Vole control was ongoing in **sugar beet** fields. **Sweet potato** hotbeds were fumigated in Merced County.

# **FRUIT CROPS**

Stone fruit and **pomegranate** cultural practices included fertilizing, pruning, shredding, applying herbicides and dormant sprays, and the pushing out of orchards for replanting. Harvest continued for Fuyu and Hachiya **persimmon** varieties. **Grape** vineyard activities such as pruning, herbicide spraying and trellis system repair occurred as weather permitted. New vineyard cover crops were progressing well with the latest rains. Harvest progressed for **oranges**, **mandarins**, **tangerines** and **lemons**. Some growers were pruning in preparation for harvest and treating to control fungus and weeds. **Olive** growers continued with pruning and shredding brush. **Strawberry** and **raspberry** nursery stock digging was ongoing.

## **NUT CROPS**

**Almond** and **pistachio** growers continued with pruning, shredding, applying herbicides and pushing out old orchards for replanting. **Walnut** growers continued with pruning, soil amendments and pre-emergent herbicide applications.

## **VEGETABLE CROPS**

Land preparations were still being made for **tomato** and **bean** planting. Fall planted crops of **garlic**, **leeks**, red and yellow **onions**, **lettuce**, **cabbage** and Asian vegetables were weeded, irrigated, fertilized and treated to control insects in Fresno County. Seed **broccoli** was growing well and many crops benefited from recent rains. **Radicchio** harvest continued, as did the harvests of broccoli, **cauliflower**, **mustard greens**, **spinach**, **Swiss chard**, **dandelion greens**, **kale**, **parsley**, **turnips**, **green onions**, **amaranth**, **basil**, **cilantro** and **dill**.

## LIVESTOCK

Northern California pastures were in good condition while conditions in the central parts of the State were mixed. Hills on the west side of the Central Valley and in the central coast area were desperately in need of rain. Supplemental hay feeding was becoming increasingly necessary on ranches in some central locations. Dry grass was diminishing in some areas and new grass growth was still short or in some cases nearly non-existent. Many cattle were receiving nutrient supplements. Milk production was being boosted by dry and cool weather. Ewes and lambs were grazing on alfalfa pastures and retired farm land in the central area. Feeder lambs continued to graze mainly on alfalfa pastures in the Imperial Valley. Bees continued to be brought in from out-of-State for over-wintering and in preparation for spring pollination.

TRUMERATION     PRECUTION     PRECUTION       This Season     PRECUTION       This Season     Normal     This Season     Normal       This Season     Normal     This Season     Normal     Normal     Normal       Normal     This Season     Normal		TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION			
STATIONS     Week Ending 0107/07     Departure Normal     High Migh     Low     January 1- 01/07/07     Meek 01/07/07     July 1- 01/07/07     July 1- July 2- Sour Sour Sour Sour Sour Sour Sour Sour											
Weak (n10707)     room (n0707)     room (n0707)     room (n0707)     room (n0707)     room (n0707)     July 1- (n10707)     July 1	STATIONS		Departure	High	Low	This Season	Normal	This S	eason	Nor	mal
NORTH COAST		Ending	from					Ending			
Eureka     45     -3     55     29     0     0     2.05     21.26     17.21     37.36       Santa Rosa     49     2     69     32     0     0     0.12     9.74     16.25     37.36       San Francisco AP     50     1     61     37     0     0     0.22     3.75     5.71     14.42       Livermore Tele        0     0     0.00     0.00     5.71     14.42       Salmas AP     47     -3     65     28     0     0     0.34     3.96     4.79     12.44       Montery FAA     51     2     66     35     0     0     0.03     1.73     4.48     13.95       SACRAMENTO VALLEY     Redding     45     -2     67     2     0     0     0.00     6.35     10.01     22.29     3.30       Redding     45     0     65     27     0     0     0.00     6.62.32     10.42		Degrees Fahrenheit				Nun	nber	· · · · · · · · · · · · · · · · · · ·			
Ukiah     45     -1     63     28     0     0     0.40     11.03     16.25     37.96       Santa Rosa     49     2     69     32     0     0     0.40     11.03     16.25     37.96       San Jose     50     1     61     37     0     0     0.13     7.07     7.91     19.70       San Jose     50     1     61     37     0     0     0.22     3.75     571     14.42       Livermore Tele     -     -     -     -     -     0     0     0.34     3.96     4.79     12.44       Monitery FAA     51     2     66     35     0     0     0.32     3.53     6.73     12.44       Monitery FAA     45     -2     67     22     0     0     0.33     12.72     12.97     33.30       Red Buff FSS     47     3     65     29     0     0     0.00     6.35     10.01     22.29 <	NORTH COAST										
Santa Rosa     49     2     69     32     0     0     0.12     9.74     12.75     30.30       CENTRAL COAST     -     0     0     0.22     3.75     5.71     14.21       Salinas AP     47     -3     65     28     0     0     0.34     3.96     4.73     18.72       Salinas AP     47     -2     68     26     0     0     0.33     1.73     4.48     13.85       SacRaMENTO VALLEY     Redding     45     -2     65     27     0     0     0.38     12.72     12.97     33.30     Red Sign Sign Sign Sign Sign Sign Sign Sign											
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SACRAMENTO VALLEY Redding     45     0     65     27     0     0     0.38     12.72     12.97     33.30       Red Bluff FSS     46     1     65     31     0     0     0.00     6.35     10.01     22.29       Marysville     46     1     62     27     0     0     0.00     6.76     10.44     26.32       Sacramento AP     46     1     62     27     0     0     0.005     5.32     6.99     17.52       SAN JOAQUIN VALLEY							-				
Redding Red Bluff FSS   45   0   65   27   0   0   0.38   12.72   12.97   33.30     Red Bluff FSS   46   1   65   31   0   0   0.00   6.35   10.01   22.29     Marysville   46   1   62   27   0   0   0.00   6.35   10.01   22.29     Sar JOAQUIN VALLEY		45		67	22	0	0	0.03		4.48	13.95
Redding Red Bluff FSS   45   0   65   27   0   0   0.38   12.72   12.97   33.30     Red Bluff FSS   46   1   65   31   0   0   0.00   6.35   10.01   22.29     Marysville   46   1   62   27   0   0   0.00   6.35   10.01   22.29     Sar JOAQUIN VALLEY	SACRAMENTO VALLEY										
Red Bluff FSS   46   1   65   31   0   0   0.00   6.35   10.01   22.29     Chico AFS   47   3   65   29   0   0   0.00   6.76   10.44   26.32     Marysville   46   1   64   29   0   0   0.00   6.76   10.44   26.32     Stockton WSO   47   2   66   29   0   0   0.05   5.32   6.99   17.52     Stockton WSO   47   2   66   29   0   0   0.11   3.74   5.48   13.95     Fresno   43   -2   60   30   0   0   0.12   1.46   2.24   5.72     SOUTH COAST      0   0   0.00   2.48   4.63   12.36     Santa Barbara   52   0   74   3   5   0   0.00   1.31   4.74   14.77     Riverside   57   3   80   37   7   0   0.26   0.82   3.4		45	0	65	27	0	0	0.38	12.72	12.97	33.30
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Sacramento AP     46     1     64     29     0     0     0.05     5.32     6.99     17.52       SAN JOAQUIN VALLEY Stockton WSO     47     2     66     29     0     0     0.11     3.74     5.48     13.95       Stockton WSO     43     -2     60     30     0     0     0.09     2.45     3.93     10.60       Bakersfield     46     -2     65     30     0     0     0.11     3.74     5.48     13.95       SOUTH COAST		47	3				0				
SAN JOAQUIN VALLEY Stockton WSO Fresno     47     2     66     29     0     0     0.11     3.74     5.48     13.95       Fresno     43     -2     60     30     0     0     0.09     2.45     3.93     10.60       Bakersfield     46     -2     65     30     0     0     0.12     1.46     2.24     5.72       SOUTH COAST        0     0     0.00     2.40     5.96     16.25       Santa Barbara     52     0     72     32     0     0     0.00     2.40     5.96     16.25       Oxnard        0     0     0.00     1.31     4.74     14.77       Riverside     57     3     80     37     7     0     0.26     0.82     3.44     9.58       San Diego AP     57     0     77     4     0     0     0.42     0.43     3.78     9.90       Southea		-					-				
Stockton WSO   47   2   66   29   0   0   0.11   3.74   5.48   13.95     Fresno   43   -2   60   30   0   0   0.09   2.45   3.93   10.60     Bakersfield   46   -2   65   30   0   0   0.12   1.46   2.24   5.72     SOUTH COAST       0   0   0.05   2.38   4.63   12.36     Santa Barbara   52   0   72   32   0   0   0.00   2.44   5.96   14.26     Oxnard       0   0   0.00   2.40   5.96   16.25     Oxnard       0   0   0.00   0.00   5.20   14.38     Los Angeles   59   1   76   43   5   0   0.00   1.31   4.74   14.77     Riverside   57   3   80   37   7   0   0.26   0	Sacramento AP	46	1	64	29	0	0	0.05	5.32	6.99	17.52
Fresno   43   -2   60   30   0   0   0.09   2.45   3.93   10.60     Bakersfield   46   -2   65   30   0   0   0.12   1.46   2.24   5.72     SOUTH COAST	SAN JOAQUIN VALLEY										
Bakersfield     46     -2     65     30     0     0     0.12     1.46     2.24     5.72       SOUTH COAST	Stockton WSO					0	0				
SOUTH COAST           0     0.05     2.38     4.63     12.36     Santa Barbara     52     0     72     32     0     0     0.05     2.38     4.63     12.36     Santa Barbara     52     0     72     32     0     0     0.00     2.40     5.96     16.25     0     0.00     2.40     5.96     16.25     0     0.00     0.00     0.00     5.20     14.38     14.74     14.77     14.74     14.77     14.77     14.77     14.77     14.77     14.77     14.77     14.77     14.77     14.77     14.77     14.77     14.77     14.77 <th14.77< th="">     14.77     14.77<td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></th14.77<>							-				
Santa Maria AP   53   2   74   37   1   0   0.05   2.38   4.63   12.36     Santa Barbara   52   0   72   32   0   0   0.00   2.40   5.96   16.25     Oxnard      0   0   0.00   0.00   5.20   14.38     Los Angeles   59   1   76   43   5   0   0.00   1.31   4.74   14.77     Riverside   57   3   80   37   7   0   0.26   0.82   3.44   9.58     San Diego AP   57   0   77   44   0   0   0.04   2.04   3.78   9.90     SOUTHEAST INTERIOR     Bishop   41   4   66   18   0   0   0.02   0.82   2.10   5.37     Lancaster   46   3   72   26   0   0   0.01   0.21   2.21   3.93     Thermal AP   54   0   78   30   1   0	Bakersfield	46	-2	65	30	0	0	0.12	1.46	2.24	5.72
Santa Barbara   52   0   72   32   0   0   0.00   2.40   5.96   16.25     Oxnard      0   0   0.00   0.00   5.20   14.38     Los Angeles   59   1   76   43   5   0   0.00   1.31   4.74   14.77     Riverside   57   3   80   37   7   0   0.26   0.82   3.44   9.58     San Diego AP   57   0   77   44   0   0   0.04   2.04   3.78   9.90     SOUTHEAST INTERIOR	SOUTH COAST										
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SOUTHEAST INTERIOR     H     41     4     66     18     0     0     0.02     0.82     2.10     5.37       Lancaster     46     3     72     19     0     0     0.00     0.45     2.84     6.92       Daggett AP     48     0     72     26     0     0     0.01     0.21     2.21     3.93       Thermal AP     54     0     78     30     1     0     0.00     0.03     1.90     3.16       Blythe     56     2     72     36     2     0     0.00     0.05     1.84     2.75       CASCADE - SIERRA     Alturas     27     -1     47     1     0     0     0.44     2.65     5.12     12.01       Mt. Shasta     39     4     61     20     0     0     0.69     13.01     16.31     37.02       Blue Canyon     40     1     59     19     0     0     2.38     19.87     28.23											
Bishop   41   4   66   18   0   0   0.02   0.82   2.10   5.37     Lancaster   46   3   72   19   0   0   0.00   0.45   2.84   6.92     Daggett AP   48   0   72   26   0   0   0.01   0.21   2.21   3.93     Thermal AP   54   0   78   30   1   0   0.00   0.03   1.90   3.16     Blythe   56   2   72   36   2   0   0.00   3.09   2.57   3.60     Imperial   56   1   75   34   2   0   0.00   0.05   1.84   2.75     CASCADE - SIERRA   7   47   1   0   0   0.44   2.65   5.12   12.01     Mt. Shasta   39   4   61   20   0   0   0.69   13.01   16.31   37.02     Blue Canyon   40   1   59   19   0   0   2.38   19.87   28.23   6	-	0.	0			C C	°,	0.0.1		0.1.0	0.00
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Daggett AP   48   0   72   26   0   0   0.01   0.21   2.21   3.93     Thermal AP   54   0   78   30   1   0   0.00   0.03   1.90   3.16     Blythe   56   2   72   36   2   0   0.00   3.09   2.57   3.60     Imperial   56   1   75   34   2   0   0.00   0.05   1.84   2.75     CASCADE - SIERRA											
Thermal AP   54   0   78   30   1   0   0.00   0.03   1.90   3.16     Blythe   56   2   72   36   2   0   0.00   3.09   2.57   3.60     Imperial   56   1   75   34   2   0   0.00   0.05   1.84   2.75     CASCADE - SIERRA   Alturas   27   -1   47   1   0   0   0.44   2.65   5.12   12.01     Mt. Shasta   39   4   61   20   0   0   0.69   13.01   16.31   37.02     Blue Canyon   40   1   59   19   0   0   2.38   19.87   28.23   67.04						-	-				
Blythe     56     2     72     36     2     0     0.00     3.09     2.57     3.60       Imperial     56     1     75     34     2     0     0.00     0.05     1.84     2.75       CASCADE - SIERRA     Z     -1     47     1     0     0     0.44     2.65     5.12     12.01       Mt. Shasta     39     4     61     20     0     0     0.69     13.01     16.31     37.02       Blue Canyon     40     1     59     19     0     0     2.38     19.87     28.23     67.04											
Imperial     56     1     75     34     2     0     0.00     0.05     1.84     2.75       CASCADE - SIERRA											
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Alturas27-1471000.442.655.1212.01Mt. Shasta3946120000.6913.0116.3137.02Blue Canyon4015919002.3819.8728.2367.04	CASCADE - SIERRA										
Mt. Shasta3946120000.6913.0116.3137.02Blue Canyon4015919002.3819.8728.2367.04		27	-1	47	1	0	0	0.44	2.65	5.12	12.01
		39	4		20		0	0.69			37.02
Yosemite      50     24     0     0     0.47     10.50     15.47     37.05											
	Yosemite			50	24	0	0	0.47	10.50	15.47	37.05

CALIFORNIA CROP WEATHER -- WEEK ENDING 01/07/07

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.

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.