



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER



At the start of the week, a weather disturbance moving through the Pacific Northwest just clipped the northwest corner of California, bringing the only rain reported in the State this week to the extreme northern coastal region. That weather disturbance then shifted eastward and a surface level high pressure cell settled over the Great Basin, bringing a dry and breezy weather pattern for the rest of the week. Temperatures across Northern California were well above normal, with daytime highs across the Central Valley warming to the 70s. In Southern California, the Great Basin high pressure caused a weak Santa Ana Wind episode to develop, resulting in breezy and dry conditions for the Southland. By Thursday, a dry low weather disturbance made its way across Southern California. This system brought a slight cooling trend to the South, but no precipitation, and had virtually no effect on the North. By the weekend, sunny skies continued all across the State and temperatures remained above normal.

FIELD CROPS

Alfalfa was cut and baled throughout the State. Fields were monitored for aphids and weevils. Winter grains in Siskiyou County showed good quality due to recent storms. Winter **wheat** fields have begun to head out. **Cotton** planting has begun, but less than a quarter of the fields are planted. Fumigation began for **potatoes** in the North and fields were planted in the Central Valley. Ground preparation for **corn** continued.

FRUIT CROPS

Bloom on **peach, nectarine, plum, cherry** and **apricot** trees was decreasing, as trees began to leaf out and develop fruit. Fruit thinning began on early stone fruit varieties. **Grape** vines continued to leaf out and vine shoots were elongating. Grape growers began applying mildew sprays. **Olive** tree pruning remained active. **Blueberries** were blooming and pushing new growth. Navel and Valencia **oranges**, Murcott **tangerines, grapefruit, lemons** and Minneola **tangelos** were harvested. Early bloom was noted in some citrus groves due to the warm weather. Nets were placed over mandarin trees to prevent pollination from bees. Young citrus trees were pruned.

NUT CROPS

Almond and **walnut** growers applied fungicides to trees before this week's rain arrives. Walnut catkins developed. Nutlets continued to grow on almond trees, and trees leafed out. Bud swell increased on **pistachio** trees.

VEGETABLE CROPS

In Fresno County, processing **tomato** beds received fumigation in preparation for spring transplant. Spring **lettuce** received insecticide applications and is growing nicely. Bell **peppers** were planted. **Carrots, onions**, and tomatoes were irrigated. **Mustard** seed blooming was nearly done. Onion fields were sprayed with herbicide. Monterey County reported **brassica** and lettuce continued to be planted with a few harvested. Tulare County reported winter vegetables were harvested for farmer's markets. **Cucumbers, baby spinach, onions, and squash** were growing well. Producers were preparing fields and greenhouses for summer vegetables. Asparagus harvest peaked in San Joaquin County. Carrot and tomato transplanting were ongoing as field preparation continued in Sutter County.

LIVESTOCK

Range and pastures have not been producing an adequate amount of grass due to the drought. Supplemental feeding of cattle and sheep continues. Some ranchers are reducing herds to lower supplemental feeding costs. Bee hives moving into stone fruit orchards remained active.

CALIFORNIA CROP WEATHER – WEEK ENDING 3/23/14

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 3/23/14	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 3/23/14	January 1 - 3/23/14	July 1 - 3/23/14	Week Ending 3/23/14	July 1 - 3/23/14	July 1 - 3/23/14	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /1--	-- Inches of Precipitation --			
North Coast											
Eureka WFO	47	-2	58	36	120	73	59	0.24	15.31	31.69	38.10
Ukiah	57	+5	79	35	1,757	1,479	35	0.00	13.09	34.04	38.90
Santa Rosa AG	56	+3	75	37	1,178	1,143	27	0.00	12.18	27.41	31.01
Napa State Hosp	59	+6	79	40	1,511	1,222	24	0.00	14.86	23.27	26.46
Central Coast											
San Francisco A	59	+5	73	47	758	567	20	0.00	5.68	17.79	20.11
San Jose AP	59	+3	76	44	1,434	1,622	22	0.00	4.76	12.97	15.08
Salinas AP	57	+3	77	41	760	629	23	0.00	4.57	11.16	12.91
Monterey AP	55	+2	75	43	421	327	29	0.00	5.93	17.42	20.35
King City Ag	58	+3	84	39	1,416	1,312	23	0.00	3.45	10.75	12.30
Paso Robles AP	57	+4	80	37	2,077	1,692	13	0.00	3.89	11.63	13.08
Sacramento Valley											
Redding	58	+6	77	36	2,975	2,524	32	0.00	15.33	27.67	33.52
Red Bluff	60	+6	78	39	3,093	2,759	28	0.00	11.46	20.40	24.07
Willow s 6W	59	+6	76	39	2,506	2,157	28	0.00	8.81	16.40	19.03
Oroville AP	60	+6	77	44	2,549	2,239	28	0.00	12.06	24.65	28.75
Marysville	59	+4	78	39	2,557	2,594	22	0.00	8.57	18.89	22.07
Sacramento AP	60	+6	77	42	2,315	2,096	26	0.00	6.79	15.63	17.93
San Joaquin Valley											
Stockton	60	+5	77	40	2,349	2,347	25	0.00	5.39	11.81	13.84
Modesto AP	61	+5	79	42	2,746	2,505	21	0.00	5.01	11.04	13.12
Merced Macready	61	+6	79	43	2,795	2,459	19	0.00	3.67	10.61	12.50
Madera AP	60	+5	79	38	2,666	2,579	23	0.00	3.55	9.90	11.94
Fresno AP	64	+9	81	46	3,841	2,809	17	0.00	3.42	9.40	11.23
Lemoore NAS	63	+8	84	44	3,298	2,522	14	0.00	1.98	6.61	7.89
Visalia AP	62	+6	82	43	2,960	2,575	10	0.00	2.25	9.27	11.03
Bakersfield AP	64	+7	81	47	3,763	3,219	11	0.00	1.55	5.39	6.49
Cascade Sierra											
Alturas AP	39	-2	64	15	653	451	41	0.00	4.13	8.51	12.13
Mount Shasta AP	46	+5	68	24	978	510	46	0.05	11.40	32.43	39.16
Blue Canyon	49	+10	60	37	1,156	692	38	0.00	28.41	55.36	66.36
Yosemite Valley	55	+10	73	35	1,881	1,278	27	0.00	12.96	31.61	37.73
South Coast											
Santa Maria AP	59	+6	79	45	995	633	20	0.00	3.18	12.15	14.01
Santa Barbara A	59	+3	78	45	1,093	1,220	16	0.00	6.02	15.40	16.93
Oxnard NWS	59	+3	74	47	1,555	1,142	14	0.00	5.70	14.09	15.62
Riverside AP	64	+5	82	49	3,493	2,931	16	0.00	1.62	8.93	10.22
Los Angeles AP	63	+5	71	55	2,102	1,957	14	0.00	4.19	11.76	13.15
San Diego AP	64	+5	71	58	2,179	2,292	22	0.00	4.50	9.25	10.77
Southeast Interior											
Bishop AP	52	+4	77	24	2,083	1,770	15	0.00	2.76	4.22	5.02
Daggett AP	63	+5	81	36	4,630	3,923	15	0.00	3.02	3.71	4.17
Lancaster ATC	57	+5	76	30	3,156	2,510	14	0.00	3.70	6.64	7.40
Thermal	68	+3	90	40	5,701	5,386	10	0.00	1.70	3.31	3.53
Blythe AP	68	+4	93	46	6,179	5,578	18	0.00	2.65	3.76	4.02
Imperial CA	68	+5	94	46	6,007	5,438	12	0.00	2.12	2.79	2.96

1/ 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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