



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEEK ENDING: January 27, 2013
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WEATHER



High pressure over the West coast resulted in a dry weather pattern for California at the start of the week. This changed by Wednesday, as the high pressure shifted eastward and allowed a pair of upper level low pressure systems to approach the State. The low pressure trough split into two cells; one remained off the Northern California Coast, while the second dropped south off the coast of Southern California. The northern low pressure system spread light to moderate precipitation across the North Coast, the Central Valley and the northern mountains and Sierra Nevada beginning Wednesday. Widely scattered light precipitation lingered in portions of the North through the rest of the week, particularly in the mountains. The South saw the heavier precipitation, as the low pressure, which had settled off the southern coast, drew up subtropical moisture, resulting in widespread moderate to heavy rains at times.

FIELD CROPS

Alternating periods of warm and cool weather across California led to mixed growth results for **small grain** crops. Rain received early in the week did provide needed moisture for the crops. Fields were being prepared for upcoming plantings of row crops and **alfalfa**.

FRUIT CROPS

The cold weather continued, with temperatures dropping below freezing at night. Citrus growers were using wind machines and running sprinklers to protect citrus crops. Sampling of fruit showed some frost damage has occurred, but damage so far has not been heavy. Navel **oranges** continued to be harvested. **Lemon** and **lime** harvests continued. Oro Blanco and Melogold **grapefruit** were picked and packed. **Pummelo** harvest continued. Satsuma **mandarin** harvest continued. Owari and Clementine **tangerine** harvest continued. In stone fruit orchards and **grape** vineyards, pruning and dormant sprays continued. **Blueberries** were being covered to help pollination.

NUT CROPS

Buds were beginning to swell on **almond** trees. Beekeepers continued to move hives into the State. Pre-emergent spraying, orchard removal, planting, and pruning continued in **walnut**, almond, and **pistachio** orchards.

VEGETABLE CROPS

In Tulare County, cooler weather has slowed the growth of winter vegetables. Some vegetable crop fields were being prepared for late winter plantings. Fresno County reported harvest of **lettuce** and **spinach**, while summer **carrot** fields were being fumigated.

LIVESTOCK

Range and pasture conditions continued to improve with warming temperatures, but more rain is needed to sustain growth. Sheep and cattle grazed on idle fields, dry land grain and alfalfa fields. Cattle continued to be relocated to foothill and valley pastures. Bees continued to be staged for the pending almond bloom.

CALIFORNIA CROP WEATHER – WEEK ENDING 1/27/13

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 1/27/13.	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 1/27/13	January 1 - 1/27/13	July 1 - 1/27/13	Week Ending 1/27/13	July 1 - 1/27/13	July 1 - 1/27/13	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days ^{1/} --	-- Inches of Precipitation --			
North Coast											
Eureka_WFO	48	0	64	33	0	0	69	0.77	19.47	21.28	38.10
Ukiah	48	+1	67	26	0	0	43	0.45	23.98	21.39	38.90
Santa_Rosa_AG	50	+2	66	28	0	0	34	0.50	18.94	16.82	31.01
Napa_State_Hosp	52	+4	65	31	0	0	37	0.32	15.67	14.33	26.46
Central Coast											
San_Francisco_A	51	+2	63	38	0	0	36	0.10	11.17	10.68	20.11
San_Jose_AP	52	+1	65	34	0	0	37	0.44	7.85	7.65	15.08
Salinas_AP	55	+4	73	37	1	0	32	0.09	7.68	6.52	12.91
Monterey_AP	54	+3	71	39	0	0	42	0.17	9.00	10.43	20.35
King_City_Ag	54	+4	76	30	1	0	26	0.20	3.53	5.80	12.30
Paso_Robles_AP	52	+4	70	27	0	0	28	0.26	3.90	6.29	13.08
Sacramento_Valley											
Redding	48	+3	67	27	0	0	38	0.80	20.09	17.46	33.52
Red_Bluff	49	+2	64	30	0	0	36	0.72	14.40	12.97	24.07
Willows_6W	50	+4	64	29	0	0	38	0.40	16.04	9.98	19.03
Oroville_AP	49	+4	61	29	0	0	29	0.30	13.96	15.09	28.75
Marysville	50	+4	65	30	0	0	32	0.22	15.37	11.75	22.07
Sacramento_AP	50	+3	66	30	0	0	28	0.18	11.57	9.38	17.93
San_Joaquin_Valley											
Stockton	49	+2	65	27	0	0	32	0.09	8.34	7.26	13.84
Modesto_AP	50	+2	63	30	0	0	33	0.14	7.12	6.56	13.12
Merced_Macready	51	+4	64	32	0	0	28	0.14	6.02	6.11	12.50
Madera_AP	51	+4	64	31	0	0	26	0.19	5.70	5.62	11.94
Fresno_AP	54	+7	68	36	0	0	24	0.08	3.96	5.26	11.23
Lemoore_NAS	50	+4	64	27	0	0	27	0.12	1.93	3.69	7.89
Visalia_AP	51	+5	66	30	0	0	22	0.07	2.25	5.39	11.03
Bakersfield	54	+6	74	33	0	0	25	0.59	1.62	2.93	6.49
Cascade_Sierra											
Alturas_AP	37	+7	61	1	0	0	40	0.17	4.29	5.91	12.13
Mount_Shasta_AP	39	+4	56	19	0	0	42	0.51	19.93	20.61	39.16
Blue_Canyon	44	+6	64	26	0	0	48	0.70	36.82	34.14	66.36
Yosemite_Valley	42	+4	59	26	0	0	28	0.66	11.66	19.25	37.73
South Coast											
Santa_Maria_AP	56	+4	77	34	0	0	26	0.21	4.35	6.23	14.01
Santa_Barbara_A	57	+4	77	34	0	0	29	1.71	8.03	7.76	16.93
Oxnard_NWS	62	+6	81	52	43	0	25	1.08	4.35	7.27	15.62
Riverside_AP	61	+6	83	42	15	0	21	0.87	2.81	4.64	10.22
Los_Angeles_AP	62	+6	80	49	39	27	26	1.10	4.94	6.33	13.15
San_Diego_AP	62	+4	80	45	21	30	25	1.00	4.39	5.17	10.77
Southeast Interior											
Bishop_AP	44	+6	65	19	0	0	12	0.00	0.87	2.61	5.02
Daggett_AP	53	+4	69	29	0	0	13	0.31	1.18	2.58	4.17
Lancaster_ATC	48	+4	68	16	0	0	8	0.40	0.56	3.65	7.40
Thermal	60	+5	82	34	12	0	12	0.37	2.52	2.23	3.53
Blythe_AP	61	+7	76	40	12	0	17	0.77	4.35	2.77	4.02
Imperial_CA	61	+5	78	38	13	7	11	0.54	2.03	2.18	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.

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