



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEEK ENDING: February 17, 2013
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WEATHER



In a rare weather event, the entire state of California had almost no precipitation during the week of February 11 to February 17. Despite February being the peak of the rainy season, a massive high pressure system dominated the State, moving all weather systems northward, and bringing sunny skies and cool mornings throughout the State. The unseasonable warmth peaked Friday, followed by a slight cooling during the weekend.

FIELD CROPS

Irrigated **grain** fields benefited from warming temperatures. Dry land fields have emerged and were in need of rainfall.

FRUIT CROPS

Stone fruit tree bloom development increased with the warmer temperatures. Fungicide applications were ongoing in late season varieties. Pruning was nearly complete in **grape** and **kiwi** vineyards. Citrus and **avocado** growers continued to protect groves at night. Navel **oranges** and **lemons** continued to be harvested. **Mandarin** and **grapefruit** harvest continued. Pruning in **olives** was ongoing. **Strawberries** were developing with the warmer temperatures.

NUT CROPS

Bud swell continued to progress on **almond** trees, although bloom is reported to be delayed compared to normal years. Pre-emergent spraying, orchard removal, planting, and pruning continued in **walnut**, **almond**, and **pistachio** orchards.

VEGETABLE CROPS

In Tulare County, commercial **spinach**, **broccoli** and **cauliflower** were growing well. Fields were being prepared for spring and summer vegetables. Fresno County reported growers cultivating beds and applying pre-emergent herbicides. Harvest of winter vegetables including **beets**, broccoli, **cabbage**, cauliflower, **turnips**, **daikon**, **herbs**, **choys**, **chards** and **kales** were in full swing. Fall planted **garlic** and **onions** were growing well. Field activities included pre-irrigation, cultivation, planting and weed control. Processing **tomato**, **carrot**, bell **pepper**, summer **squash**, **cantaloupe**, **honeydew**, and **watermelon** bed formation and preparation continued. Spring **lettuce**, mustard **greens**, and broccoli rabe were emerging and growing nicely.

LIVESTOCK

Range and pasture conditions were reported to be fair to poor as the lack of precipitation impeded grass and forage development. Sheep and cattle grazed on idle fields, dry land grain and alfalfa fields. Supplemental feeding of livestock continued. Out-of-state bees continued to be staged in the San Joaquin Valley. Hives were placed in blueberry, almond and stone fruit orchards for pollination.

CALIFORNIA CROP WEATHER – WEEK ENDING 2/17/13

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 2/17/13.	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 2/17/13	January 1 - 2/17/13	July 1 - 2/17/13	Week Ending 2/17/13	July 1 - 2/17/13	July 1 - 2/17/13	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /1 --	-- Inches of Precipitation --			
North Coast											
Eureka_WFO	47	-3	63	35	0	0	75	0.01	20.27	25.36	38.10
Ukiah	52	+3	76	30	0	0	44	0.00	24.16	26.86	38.90
Santa_Rosa_AG	51	-2	71	33	0	0	36	0.00	19.06	21.48	31.01
Napa_State_Hosp	53	+1	73	34	0	0	38	0.00	15.76	18.21	26.46
Central Coast											
San_Francisco_A	53	+2	68	41	0	0	38	0.00	11.42	13.79	20.11
San_Jose_AP	53	-2	73	34	0	0	39	0.00	7.96	9.81	15.08
Salinas_AP	54	+2	80	35	6	0	33	0.00	7.88	8.41	12.91
Monterey_AP	52	-1	75	36	3	0	43	0.00	9.26	13.31	20.35
King_City_Ag	53	-1	80	29	1	0	30	0.00	3.88	7.71	12.30
Paso_Robles_AP	50	-2	79	26	0	0	29	0.00	3.98	8.40	13.08
Sacramento Valley											
Redding	54	+5	73	31	3	0	40	0.00	20.62	21.70	33.52
Red_Bluff	54	+4	75	33	0	0	38	0.00	14.50	16.08	24.07
Willows_6W	52	+3	71	33	0	0	40	0.00	16.26	12.75	19.03
Oroville_AP	51	+2	73	34	0	0	30	0.00	14.11	19.07	28.75
Marysville	51	-1	72	32	0	0	33	0.00	15.56	14.69	22.07
Sacramento_AP	51	-2	71	30	0	0	29	0.00	11.59	12.14	17.93
San Joaquin Valley											
Stockton	50	-3	70	28	0	0	34	0.00	8.36	9.15	13.84
Modesto_AP	50	-3	70	31	0	0	35	0.00	7.14	8.42	13.12
Merced_Macready	50	-2	72	31	0	0	29	0.00	6.07	8.00	12.50
Madera_AP	50	-1	71	32	0	0	27	0.00	5.99	7.28	11.94
Fresno_AP	53	+2	73	36	0	0	25	0.00	4.38	6.82	11.23
Lemoore_NAS	49	-3	71	27	0	0	28	0.00	2.27	4.74	7.89
Visalia_AP	51	-2	72	32	0	0	23	0.00	2.91	6.85	11.03
Bakersfield	53	0	76	33	0	0	27	0.00	1.70	3.77	6.49
Cascade Sierra											
Alturas_AP	34	0	57	16	0	0	43	0.00	4.44	6.84	12.13
Mount_Shasta_AP	43	+5	63	27	0	0	45	0.00	20.38	25.55	39.16
Blue_Canyon	45	+7	57	28	0	0	50	0.00	37.01	42.89	66.36
Yosemite_Valley	44	+3	63	25	0	0	30	0.00	11.87	24.47	37.73
South Coast											
Santa_Maria_AP	52	-2	80	33	1	0	27	0.00	5.14	8.54	14.01
Santa_Barbara_A	53	-3	80	36	0	0	30	0.00	8.08	10.91	16.93
Oxnard_NWS	56	0	81	38	59	0	25	0.00	4.35	10.17	15.62
Riverside_AP	57	-1	82	34	42	14	24	0.00	3.39	6.40	10.22
Los_Angeles_AP	58	0	80	43	61	48	27	0.00	5.01	8.68	13.15
San_Diego_AP	57	-3	78	45	41	64	27	0.00	4.66	6.70	10.77
Southeast Interior											
Bishop_AP	43	+1	68	16	0	0	12	0.00	0.87	3.37	5.02
Daggett_AP	51	-3	73	30	2	0	13	0.00	1.18	3.04	4.17
Lancaster_ATC	45	-3	70	20	0	0	9	0.00	0.73	4.88	7.40
Thermal	56	-4	81	29	33	38	12	0.00	2.52	2.75	3.53
Blythe_AP	57	-2	79	36	36	29	17	0.00	4.35	3.18	4.02
Imperial_CA	57	-3	82	35	45	51	11	0.00	2.03	2.47	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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