



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEATHER

The week featured a series of storm systems entering the Pacific Northwest, bypassing to the north of the State. This pattern brought warm temperatures and dry conditions to the State early in the week. By midweek, a pattern shift was underway as broad-scale troughing dug into the Southwest. This troughing was accompanied by cooler temperatures across the entire State, although dryness continued. On Sunday, the northern third of the State received rain, with most locations reporting around a quarter of an inch. Rainfall amounts increased sharply into the far north and especially northwest, where coastal northwestern locations locally saw near one and a half inches of rain. The rest of the State missed out on the rains completely. Temperatures by the end of the week were some 10-15 degrees cooler than they were last weekend, a result of the troughing. By mid-late week, highs were in the 60s and 70s across the valley with lows in the 40s; coastal locations saw similar temperatures. The southern deserts saw highs in the 80s, with lows in the 50s and 60s. The mountains, which early in the week were seeing highs in the 60s and lows in the 40s, had highs in the 30s and 40s by the weekend, with lows in the teens. The warm and dry conditions this week continued to affect unirrigated farmland and mountain snow packs, which further dwindled. Some recharge was seen in the northern mountains on Sunday, but aside from Whitney, Shasta, and some of the higher peaks of the interior Sierras, the mountain snowpack is essentially nil across the State, especially south of the Mono Lake area.

FIELD CROPS

Wheat, oats, and other winter forage crops continued to head out. Some forage was cut and showed good development with the warm weather. **Alfalfa** fields were irrigated, with some cut and baled. Field preparations were underway for the spring planting of **corn, rice**, and **cotton**. Field crops were irrigated due to the lack of rain. Some fields were pre-irrigated ahead of planting to get a jump on things. The wheat crop was rated as 85 percent good to excellent. Pasture and rangeland condition was 50 percent fair to good.

FRUIT CROPS

Early and mid-maturing varieties of **grapes** continued to leaf-out while some late varieties have yet to start. Lime sulfur application for mildew prevention were ongoing. **Apricots, cherries, peaches** and **plums** were leafing out and fruit was developing well. **Apples** and **pears** continued to leaf out. Mechanical and chemical weed control continued in fruit tree orchards. Orchard replant continued. The citrus bloom was underway, as growers await the declaration of petal-fall. **Kiwifruit, Valencia oranges, Murcott tangerines, Mandarins**, sweet **limes**, and Meyer **lemons** continued to be harvested, packed, and shipped. **Olive** trees continued to be pruned, with reports of some blooms in the central part of the State.

NUT CROPS

Walnut trees started to bloom in Sutter County. **Almonds** were drip irrigated and fertilized. There was some limb breakage on pollinators from heavy crops. Walnut were sprayed with copper as preventative prior to rain. Micronutrients were applied. **Pistachios** received fungicide applications.

VEGETABLE CROPS

In Colusa County, fields were planted and drip irrigation commenced. In Sutter County, processing **tomato** transplants were planted, while weed control and field preparation for summer vegetables continued. Fields were prepared for **cucurbits** for seed. In San Joaquin County, the **asparagus** harvest continued. Some fields of **onions** had emerged. In Santa Cruz County, fields were plowed to prepare for fumigation. In Merced County, tomato planting began. In Monterey County, asparagus was harvested in the south end of the county. All types of **lettuces** were harvested, with iceberg harvest having picked up quickly. **Brassicas** were being harvested and another planting had started. In Fresno County growers continued planting processing tomatoes. **Carrot** stands were reported as looking good. Onions were sprayed for downy mildew and botrytis. In Tulare County, growers planted **Bell pepper, eggplant**, and **squash**. **Spinach, broccoli** and onions continued to grow well in the warm weather. In Kings County, tomatoes were treated for lygus. In Kern County, garlic and tomatoes were growing well and Bell peppers were planted. In Riverside County, garlic had entered the cloving stage and was progressing nicely.

LIVESTOCK

Non-irrigated pasture and rangeland conditions continued to deteriorate due to the lack of precipitation. Foothills and rangeland continued to dry out and brown, requiring the continuation of supplemental feeding of livestock. Sheep grazed on stubble and idle fields. Mild weather conditions were favorable for dairy production. Some beehives were still in orchards.

CALIFORNIA CROP WEATHER – WEEK ENDING 4/5/2015

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 4/5/2015	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 4/5/2015	January 1 - 4/5/2015	July 1 - 4/5/2015	Week Ending 4/5/2015	July 1 - 4/5/2015	July 1 - 4/5/2015	July 1 - June 30
					-- Degrees Fahrenheit --				-- Number --		-- Days /1 --
North Coast											
Eureka WFO	50	0	58	38	6	0	72	0.33	29.02	33.57	38.10
Ukiah	54	0	80	36	42	0	50	0.19	24.20	35.79	38.90
Santa Rosa AP	56	-1	75	36	18	0	42	0.18	22.56	28.76	31.01
Napa State Hosp	58	+3	81	38	59	0	45	0.01	18.76	24.45	26.46
Central Coast											
San Francisco A	57	+3	68	48	67	0	33	0.11	14.10	18.76	20.11
San Jose AP	57	-2	73	41	82	28	34	0.00	10.49	13.79	15.08
Salinas AP	57	+2	70	42	156	0	31	0.00	8.77	11.91	12.91
Monterey AP	53	-2	64	40	62	0	40	0.00	13.63	18.55	20.35
King City Ag	57	0	84	36	90	10	27	0.00	6.59	11.48	12.30
Paso Robles AP	58	+4	90	33	84	0	24	0.00	7.70	12.38	13.08
Sacramento Valley											
Redding	58	+4	82	37	101	0	57	0.15	24.56	29.33	33.52
Red Bluff	60	+4	82	41	88	8	56	0.06	22.83	21.52	24.07
Willow s 6W	58	+4	83	36	76	0	41	0.13	19.48	17.24	19.03
Oroville AP	59	+4	84	39	84	2	41	0.09	16.69	26.08	28.75
Marysville	58	0	83	37	65	33	38	0.24	13.71	20.00	22.07
Sacramento AP	59	+3	82	37	89	8	33	0.08	12.29	16.45	17.93
San Joaquin Valley											
Stockton	60	+3	86	39	114	18	34	0.00	8.69	12.53	13.84
Modesto AP	61	+3	87	44	145	51	28	0.00	7.37	11.77	13.12
Merced Macready	59	+2	87	36	81	18	28	0.01	6.02	11.30	12.50
Madera AP	60	+3	89	39	127	24	21	0.00	4.57	10.65	11.94
Fresno AP	63	+5	89	45	183	27	18	0.00	4.58	10.07	11.23
Lemoore NAS	61	+4	89	38	129	26	20	0.00	3.74	7.11	7.89
Visalia AP	63	+5	88	39	153	32	13	0.00	5.35	9.94	11.03
Bakersfield AP	63	+4	90	45	226	58	15	0.00	4.58	5.81	6.49
Cascade Sierra											
Alturas AP	40	-3	77	13	0	0	64	0.02	6.94	9.11	12.13
Mount Shasta AP	46	+3	74	25	0	0	66	0.12	34.25	34.26	39.16
Blue Canyon	46	+6	67	30	7	0	54	0.42	28.90	58.72	66.36
Yosemite Valley	54	+6	81	34	21	0	30	0.00	9.65	33.39	37.73
South Coast											
Santa Maria AP	59	+5	81	40	164	0	21	0.00	3.64	13.00	14.01
Santa Barbara A	61	+4	80	43	151	35	20	0.00	6.67	16.28	16.93
Oxnard NWS	62	+5	85	46	306	43	21	0.00	6.29	14.88	15.62
Riverside AP	67	+7	87	48	426	102	25	0.00	4.25	9.52	10.22
Los Angeles AP	63	+5	83	53	314	139	23	0.00	5.42	12.40	13.15
San Diego AP	67	+6	86	59	425	185	22	0.00	5.54	9.96	10.77
Southeast Interior											
Bishop AP	55	+5	85	27	20	0	8	0.00	0.78	4.36	5.02
Daggett AP	67	+7	92	42	291	86	13	0.00	1.96	3.85	4.17
Lancaster ATC	60	+5	86	30	63	0	16	0.00	4.35	7.03	7.40
Thermal	72	+4	97	42	509	318	17	0.00	1.22	3.44	3.53
Blythe AP	75	+8	97	54	603	285	21	0.00	2.69	3.89	4.02
Imperial CA	74	+8	96	51	591	311	17	0.00	2.70	2.92	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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