



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER

Last week was dominated by broad troughing in the western third of the United States. The heaviest rains fell in the northwestern parts of the State as rain fell nearly every day and some locations reported over 5 inches for the week. Though rain was lighter to the south, with the I-80 corridor marking the precipitation line through Tuesday. Rain spread further south towards the end of the week as the upper-level trough continued to amplify to the south. This brought in colder air and rain to all locations in the southern half of the State, including the deserts. On Saturday, precipitation was confined to the northern part of the State again before a second Pacific storm system brought additional rainfall to the southern half of the State on Sunday.

For the week temperatures averaged 4 to 8 degrees above normal, with the warmest temperatures at the beginning of the week. Lows were mostly in the mid-20s in the north, 30s in the central locations of the State, and 40s in the south. Highs were mostly in the 50s to 60s in the north to a few low-to-mid 80s in the south.

FIELD CROPS

Wheat and **barley** planting was completed. **Cotton** fields were shredded and disced to comply with the cotton plow down regulations. The majority of winter row crop preparation had been completed for spring tillage. This included spreading manure, disking, preparing berms, and planting. Growers were shaping beds and adding soil amendments. Weed control and herbicides were applied as needed. Fallow fields were cultivated for weed control.

FRUIT CROPS

The harvest season of **grapes** for juice, **raisins**, and wine finished. Some grape vineyards were irrigated, treated for weed control, and fumigated in preparation for replanting and some growers applied soil amendments and planted cover crops. Stone fruits (**nectarine**, **peach**, and **plum**) were undergoing their final pruning and receiving applications of weed control to prepare for the dormant season. **Apple** orchards were cleaned. **Persimmon** harvest continued. **Pomegranate** harvest concluded. Asian **pears**, **kiwifruits**, pomegranates, persimmons, plums, and raisins continued to be packed and exported. **Lemons**, **mandarins**, Navel **oranges**, **tangerines**, and **grapefruit** were harvested, packed, and shipped. New varieties of citrus groves were planted. Some orchards continued to be irrigated and treated with fungicides. **Olives** continued to size up.

NUT CROPS

Nut orchards were pruned, irrigated, and treated to prepare for their dormant season. Orchards with aged **almond** trees were removed and replaced with new almond trees.

VEGETABLE CROPS

An array of fall vegetables, **green beans**, **bok choy**, **broccoli**, **cabbage**, **cauliflower**, **chard**, **collards**, **kale**, and the late summer vegetables, **peppers** (bell and chili), and **tomatoes** were sold at roadside stands. Root vegetables (**carrot**, **daikon**, **radish**, and **turnips**) and winter **squash** (acorn, butternut, delicate, and kabocha) were harvested. **Asparagus** was ferning nicely. Broccoli and **parsley** grew. Growers were preparing fields for processing tomatoes, **onions**, and **strawberries** to be planted. Onion, kale, and **lettuce** grown for seed was planted. Lettuce seed, lettuce, and squash were packed and exported.

LIVESTOCK

Bee hives from other states were conveyed and continued to be placed in local bee yards in preparation for the almond bloom. Sheep and cattle continued to graze in fields of alfalfa, wheat, small grains, fallow, and retired farmland areas. Rangeland conditions were reported to have improved immensely.

CALIFORNIA CROP WEATHER – WEEK ENDING 12/13/2015

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 12/13/2015	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1-12/13/2015	January 1-12/13/2015	July 1-12/13/2015	Week Ending 12/13/2015	July 1-12/13/2015	July 1-12/13/2015	July 1-June 30
-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	55	8	66	43	158	73	46	4.28	13.54	12.27	38.10
Ukiah	52	7	62	33	2092	1479	25	2.08	6.83	10.72	38.90
Santa Rosa AP	53	5	63	35	1429	1143	20	1.05	4.74	8.61	31.01
Napa State Hosp	51	4	62	38	1760	1222	23	1.36	3.91	7.30	26.46
Central Coast											
San Francisco A	55	6	61	46	1086	567	12	1.56	3.58	4.94	20.11
San Jose AP	56	6	71	41	1701	1613	14	0.62	3.20	3.74	15.08
Salinas AP	53	3	68	38	1235	629	17	0.91	4.44	3.09	12.91
Monterey AP	55	4	70	42	854	327	20	1.56	5.83	5.01	20.35
King City Ag	52	3	69	35	1821	1312	18	0.53	2.30	2.74	12.30
Paso Robles AP	49	2	71	31	2253	1692	14	0.25	3.75	2.69	13.08
Sacramento Valley											
Redding	50	5	60	35	3655	2524	24	2.68	6.40	8.78	33.52
Red Bluff	51	5	62	35	3358	2759	21	1.50	4.08	6.52	24.07
Willows 6W	52	7	61	35	2897	2157	18	1.41	4.07	4.94	19.03
Oroville AP	53	7	63	38	3084	2239	27	0.68	4.41	7.71	28.75
Marysville	53	6	64	33	2786	2589	17	1.71	5.20	5.89	22.07
Sacramento AP	53	8	64	35	2684	2096	16	0.30	2.69	4.48	17.93
San Joaquin Valley											
Stockton	54	9	70	35	2778	2347	18	0.56	3.57	3.74	13.84
Modesto AP	53	6	65	36	3202	2487	15	0.42	3.13	3.26	13.12
Merced Macready	49	4	62	32	2804	2459	14	0.33	2.46	3.03	12.50
Madera AP	50	6	64	35	3102	2579	18	0.48	3.07	2.76	11.94
Fresno AP	50	5	64	36	3648	2809	20	0.63	3.40	2.55	11.23
Lemoore NAS	49	4	66	33	3248	2522	14	0.45	1.82	1.72	7.89
Visalia AP	49	4	64	34	3288	2570	17	0.41	3.44	2.66	11.03
Bakersfield AP	53	7	67	38	3998	3196	9	0	0.78	1.38	6.49
Cascade Sierra											
Alturas AP	40	10	54	26	809	451	39	1.67	6.30	4.05	12.13
Mount Shasta AP	42	8	54	30	121	510	36	1.68	8.26	11.15	39.16
Blue Canyon	40	1	54	28	1281	692	24	5.88	14.25	18.69	66.36
Yosemite Valley	41	3	58	29	2052	1278	27	1.73	10.90	10.52	37.73
South Coast											
Santa Maria AP	58	7	82	39	1610	633	16	0.24	1.25	2.78	14.01
Santa Barbara A	58	6	77	41	1714	1210	12	0.1	0.85	3.22	16.93
Oxnard NWS	61	5	83	39	2098	1124	9	0	1.36	2.96	15.62
Riverside AP	59	4	84	37	3733	2867	16	0.01	4.35	1.88	10.22
Los Angeles AP	63	5	80	48	2425	1826	13	0.05	2.37	2.57	13.15
San Diego AP	63	6	77	48	3024	2127	21	0.19	5.15	2.34	10.77
Southeast Interior											
Bishop AP	43	5	68	18	2184	1770	10	0.06	1.05	1.48	5.02
Daggett AP	53	6	77	34	4598	3890	15	0	1.38	1.65	4.17
Lancaster ATC	50	7	79	26	3037	2510	12	0.04	3.99	1.60	7.40
Thermal	57	3	79	33	5615	5183	5	0	1.29	1.43	3.53
Blythe AP	57	4	73	38	6191	5399	10	0	1.16	2.04	4.02
Imperial CA	61	6	80	41	6104	5230	5	0	0.31	1.39	2.96

1/ Precipitation (rain or melted snow/ice).

2/ Normal periods 1970-2000 used in Departure From Normal calculations.

3/ Total number of days with precipitation events this season.

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