



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEATHER

Temperatures were cool compared to previous weeks. The mountains reached highs from the 30s to 40s. Highs were limited to the 50s to 60s for much of the State except for the southern coast and deserts, which reached the 70s. Lows were chilly for much of the State, with most areas recording minimum temperatures in the 30s as least once during the week. Mountain locations recorded lows in the teens and 20s but as low as the single digits on one or more nights. Lows were in the 30s to 40s along the coast and valley and 30s to 50s in the desert based largely on elevation differences.

The only dry days last week were on Thursday and Friday in between Pacific storms. On Monday, most locations outside of the interior deserts received moderate to heavy rainfall, with up to 1-2 inches falling in the central parts of the valley. Lighter amounts were received to the north and south, but rainfall still exceeded half an inch in many of these areas. The first decent snowfall of the season occurred in the mountains, with most locations receiving 4 to 8 inches, although some areas in the northern Sierras received up to a foot of snowfall. Tuesday and Wednesday saw lighter rain and another inch or two of snow fell in the Sierras, while the interior desert areas that missed out on the rains Monday received some on Tuesday and Wednesday. The weekend brought another Pacific storm system into the west coast area, with most areas in the northern 2/3 of the State receiving precipitation. Up to half an inch fell across the northern half of the State, with additional snowfall of 4 to 8 inches in the northern Sierras.

FIELD CROPS

Summer silage and grain harvest was nearly done. The year's final **alfalfa** cutting and baling was underway. **Blackeye beans** were harvested. In Fresno County, **wheat**, **barley**, **rice**, and **oat** harvest finished. Straw was windrowed, baled, stacked, and ready to be shipped to dairies. Alfalfa was harvested for seed production. **Cotton** was harvested and modules were moved to the gins for processing. A few fields were picked a second time. Most fields have been desiccated and harvested fields were shredded and disced to comply with the cotton plow down regulations. Field **corn** and milo continued to be harvested for silage and delivered to surrounding dairies. **Sorghum**, tricael, and winter forage fields continued to mature and be irrigated. Preparation for new planting was underway, this included spreading manure, disking, and preparing berms.

FRUIT CROPS

In Fresno and Tulare Counties, stone fruit orchards continued to be prepped for winter, with pruning and fertilizing well underway. Most **grapes** for juice, wine, and table were harvested but some late table grapes and a few wine grapes remained. Cultivation, fumigation, irrigation, and some pruning were underway in the vineyards. Growers were pulling out vineyards and orchards to be replanted. In Napa County, due to the early crop and the warm weather, some growers harvested a second picking of wine grapes this year. Most growers were adding amendments to soils. **Pomegranate** harvest started and will continue through the month. **Apple** orchards were pruned. **Persimmons** were harvested and sold at roadside stands. Valencia **orange** harvest was nearly finished. Navel orange harvest began, with good maturity and improving color. Satsuma **tangerines** continued to be picked and packed for domestic sales. **Pomelos** continued to be picked and sold domestically. Melo Gold and Oro Blanco hybrid **grapefruit** continued to be packed and exported to Asian countries. Finger **limes** were packed and shipped to European countries. The **olive** harvest was winding down.

NUT CROPS

Walnut orchards grew well and were harvested. Most **almond** harvest completed. Harvesting of **pistachios** neared completion. Growers continued to fertilize and irrigate almond blocks depending on water availability. Some orchard floors continued to receive herbicide treatments.

VEGETABLE CROPS

In San Joaquin County, the **pumpkin** and **tomato** harvest began to slow down. In Fresno County, fall planting for the winter season continued. Dehydrator **onion** beds were ready for planting. Soil fumigation was applied to fresh onion beds in preparation for planting. **Kale** for seed was cultivated. Fungicide and light irrigation were applied to **carrots**. Tomato beds were prepared for spring planting. Harvest continued on jalapenos and Anaheim chili **peppers**. In Tulare County, winter vegetable field preparation and planting were underway. In Kings County, the processing tomato harvest finished. In Imperial County, **lettuce** and other vegetables were planted for winter harvest. Crops are expected to begin coming off shortly after Thanksgiving.

LIVESTOCK

In San Joaquin County, sheep continued to graze on alfalfa stubble. Water continued to be trucked up to the foothills. In Tulare County, recent rains have given hope to rangeland cattle ranchers that pasture growth may return to normal, and reduce the need for supplemental feeding that was necessary during the summer. In Fresno County, some bee hives were in local bee yards, but feeding was necessary due to the lack of blooming plants. Bee hives were coming from northern states and were placed throughout the Huron and Sanger Districts to overwinter in preparation for the pollination season. Leafcutter bees were placed into cold storage. Ranchers continued to graze sheep and cattle in alfalfa and small grain fields, harvested wheat fields, retired farmland areas, and rangelands. Cattlemen were supplementing cattle with hay. Rangeland in the Valley remained very dry and conditions were correspondingly very poor.

CALIFORNIA CROP WEATHER – WEEK ENDING 11/8/2015

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION ^{1/}			
	Average Week Ending 11/8/2015	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- 11/8/2015	January 1- 11/8/2015	July 1- 11/8/2015	Week Ending 11/8/2015	July 1- 11/8/2015	July 1- 11/8/2015	July 1- June 30
-- Degrees Fahrenheit --				-- Number --		-- Days ^{3/} --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	53	2	65	40	156	73	22	0.74	2.89	5.04	38.10
Ukiah	53	-2	72	35	2092	1479	8	0.61	1.56	4.13	38.90
Santa Rosa AP	54	-4	72	35	1427	1143	11	0.28	0.87	3.46	31.01
Napa State Hosp	54	-4	70	36	1760	1222	10	0.84	1.14	2.84	26.46
Central Coast											
San Francisco A	57	0	67	47	1086	567	3	0.82	0.84	1.91	20.11
San Jose AP	55	-4	68	42	1698	1610	6	1.17	1.25	1.64	15.08
Salinas AP	56	-3	71	41	1227	627	9	1.33	1.82	1.27	12.91
Monterey AP	55	-3	67	42	852	326	9	1.88	2.14	2.09	20.35
King City Ag	53	-6	72	35	1821	1312	10	0.75	1.03	1.12	12.30
Paso Robles AP	53	-4	76	33	2253	1692	7	0.38	2.58	1.18	13.08
Sacramento Valley											
Redding	55	0	75	34	3650	2524	9	0	0.86	3.91	33.52
Red Bluff	56	-2	74	37	3358	2759	8	0.12	0.57	2.93	24.07
Willows 6W	56	0	74	38	2897	2157	7	0.45	0.66	2.02	19.03
Oroville AP	54	-3	66	40	3084	2239	13	1.26	1.63	3.13	28.75
Marysville	54	-4	68	37	2786	2589	7	1.15	1.38	2.41	22.07
Sacramento AP	55	-3	69	38	2684	2096	7	0.81	0.97	1.85	17.93
San Joaquin Valley											
Stockton	56	-2	79	39	2778	2347	8	1.68	1.93	1.68	13.84
Modesto AP	56	-2	70	40	3202	2487	5	1.08	1.28	1.50	13.12
Merced Macready	54	-4	67	39	2804	2459	5	1.04	1.42	1.29	12.50
Madera AP	55	-3	71	39	3102	2579	9	0.90	1.52	1.32	11.94
Fresno AP	56	-1	80	42	3646	2809	11	0.96	2.00	1.17	11.23
Lemoore NAS	53	-4	73	34	3248	2522	6	0.34	0.93	0.94	7.89
Visalia AP	55	-2	78	39	3287	2570	9	0.61	2.69	1.22	11.03
Bakersfield AP	58	-2	85	41	3992	3194	5	0.27	0.45	0.68	6.49
Cascade Sierra											
Alturas AP	40	-2	61	20	809	451	25	0.35	3.47	2.42	12.13
Mount Shasta AP	44	1	60	26	1121	510	20	0.10	2.55	5.08	39.16
Blue Canyon	42	-5	56	31	1281	692	13	2.15	4.32	8.19	66.36
Yosemite Valley	45	-4	63	31	2052	1278	17	2.47	6.99	5.00	37.73
South Coast											
Santa Maria AP	58	0	79	40	1564	632	8	0.24	0.54	1.09	14.01
Santa Barbara A	58	-2	74	40	1693	1195	8	0.02	0.67	1.34	16.93
Oxnard NWS	62	2	80	45	1994	1077	8	0	1.33	1.08	15.62
Riverside AP	60	-3	80	42	3650	2824	14	0.22	4.26	0.91	10.22
Los Angeles AP	64	0	80	50	2312	1736	10	0.03	2.29	1.02	13.15
San Diego AP	65	3	84	54	2906	2036	12	1.12	4.50	1.01	10.77
Southeast Interior											
Bishop AP	45	-4	76	18	2184	1770	8	0	0.99	0.86	5.02
Daggett AP	56	-4	87	36	4597	3884	14	0.03	1.35	1.34	4.17
Lancaster ATC	51	-3	84	28	3037	2510	10	0.17	3.90	0.82	7.40
Thermal	63	-3	88	39	5594	5124	5	0	1.29	1.11	3.53
Blythe AP	65	1	92	45	6142	5341	9	0	1.11	1.71	4.02
Imperial CA	67	0	95	45	6019	5142	4	0	0.28	1.16	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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