



California Crop Weather

Cooperating with the California Department of Food and Agriculture
Pacific Region • P.O. Box 1258 • Sacramento, CA 95812 • (916) 498-5161 • (855) 270-2722 FAX • www.nass.usda.gov/ca

WEEK ENDING: December 20, 2015
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FREQUENCY: Weekly
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WEATHER

The first half of the week received the coldest temperatures of the season so far. The highest elevations of some mountain locations flirted with -20 on Monday and Tuesday mornings. Lows were -10s to 20s in the mountains, 20s to 30s across the valley with widespread frost/freeze, 20s to 40s in the desert, and 30s to 40s along the coast. Highs were in the 20s to 40s in the mountains, 40s to 50s in the valley, 40s to 60s along the coast, and 50s to 60s in the desert. Temperatures warmed 10 to 15 degrees statewide by the end of the week.

The northern half of the State received rain nearly every day during the week. The southern half of the State received limited rain, except for more widespread rainfall on Saturday. Heaviest totals for the week were 2 to 4 inches along the Northwest Coast. Areas in the north received 1 to 2 inches of rain and much of the rest of the State received 1/4 to 3/4 inch, except 1/4 inch or less in the desert and southeast areas. The heaviest mountain snows occurred on Thursday through Saturday with totals exceeding one foot. All but the far southern Sierras received decent snow cover.

FIELD CROPS

Winter grain crops continued to emerge. **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. Recent rains encouraged the emergence of winter grains and silage crops, and they were growing well.

FRUIT CROPS

Post-harvest cultural maintenance continued in deciduous tree fruit and vineyards. Pushed-out orchards and vineyards continued to be cleaned up with burning, ripping, and fumigation in preparation for spring planting. **Persimmons** were harvested and shipped. **Pomegranates** continued to be exported. Citrus packing houses have increased their volume of exports, with Navel **oranges** exported worldwide. Mandarin oranges were picked and packed. **Lemons** were harvested and exported. Melo Gold and Oro Blanco hybrid **grapefruit** were exported. **Olives** continued to size up.

NUT CROPS

Almonds, pistachios, shelled and in-shell **walnuts**, and shelled **pecans** continued to be packed and shipped. Nut orchards continued to be pruned, irrigated, and treated to prepare for their dormant season. Orchard replanting continued.

VEGETABLE CROPS

In Tulare County, the **strawberry** fields appeared to be in good shape for spring harvest. Some winter vegetables were well established. Fall vegetable harvest was ending and fields were prepared for late winter and spring plantings. In Monterey County, few **brassicas** were harvested. In Fresno County, **onion** planting continued. Dehydrated onions looked good and fresh onions were on schedule. Winter **carrot** harvest was almost complete. More **tomato** beds were planted. Weeding organic **kale** seed and applying fungicide to traditional kale seed continued.

LIVESTOCK

Out of state bees were placed in some fields. Sheep and goats continued to graze in fallow fields. Recent rains continued to benefit the lower elevation pasture growth, reducing the need for supplemental feeding.

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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