



California Crop Weather

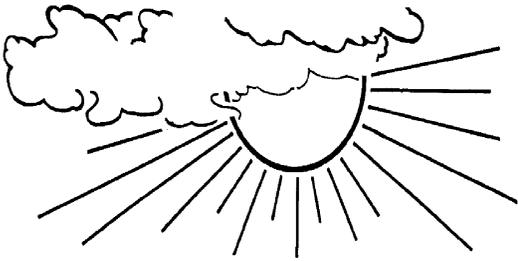
Cooperating with the California Department of Food and Agriculture

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WEEK ENDING: November 28, 2010
RELEASED: November 29, 2010

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WEATHER



Monday was a wet and cold day as the storm from the previous weekend continued to drop significant coastal and valley rains, and snow to the mountains across California. Snow levels in the Sierra Nevada dropped well below the 5,000 foot level with several feet of snow falling above that level. A cold and dry air mass originating from Western Canada moved in behind the frontal passage on Tuesday. This cold air brought enough instability to generate a few scattered thunderstorms to the Sierra Nevada Mountains on Tuesday afternoon. One storm traversed Eastern Sacramento and Western

El Dorado County, dropping pea size hail and generating an EF1 tornado with winds estimated above 100 miles per hour. The dominating feature for mid-week was record and near record cold temperatures that blanketed the entire State Wednesday thru Friday. Freeze warnings were in effect for most of Northern California. Low temperatures records were set for multiple days in a row from far northern coastal California at Crescent City to Southern California and locations inland. A Gulf of Alaska storm moved onto the North Coast of California on Friday, eventually sagging south to bring light rain to the entire State and snow to the mountains, as low as 2,000 feet. As this storm moved out, dense fog was reported in the Central Valley of California on Sunday.

FIELD CROPS

Winter wheat, barley, and oats fields continue to emerge with the aid of good soil moisture. Tillage, fertilizer application, and planting continued as field conditions allowed. **Cotton** harvest continued as fields were ready. Harvested cotton fields continued to be shredded and plowed under. **Rice** harvest was near completion; meanwhile, harvested fields were being disked, flooded, and rolled. **Corn** for grain harvest was winding down, while corn for silage harvest was mostly complete. **Garbanzo bean** planting continued in the Sacramento Valley. **Alfalfa** production for the season was mostly complete. New fields of alfalfa were being planted.

FRUIT CROPS

The last of the fall **grapes** were being harvested. The wine grape harvest along the Central Coast was near completion. Grape vines and orchard trees were being pruned. The **pomegranate** harvest was complete in the Southern San Joaquin Valley. The **persimmon** and **kiwifruit** harvests continued. The navel **orange** and **mandarin** harvests continued to pick up in the San Joaquin Valley. **Lemons** were picked in the desert region, along with Meyer lemons being picked in Tulare County. **Pummelos** and **grapefruit** were also being harvested. Citrus growers took measures to guard against frost due to low temperatures last week. The **olive** harvest continued. **Blueberry** and **raspberry** nursery plants continued to be shipped from Tulare County.

NUT CROPS

The **almond, pecan, walnut, and pistachio** harvests were completed across the State. As part of post-harvest maintenance, zinc, fertilizers, and herbicides were applied, as well as some pruning being done.

VEGETABLE CROPS

Good growing conditions were generally reported. **Carrots** and **cabbage** were harvested in Kern County, along with some oriental vegetables. Winter vegetable crops continue to be planted in Tulare County. The planting of winter vegetables continued in Fresno County. Sutter County reported emerging **onions** with continued field work and ground preparation.

LIVESTOCK

Rangeland forage and non-irrigated pasture were reported to be showing some green in some foothill locations following recent rains. Cattle continued to receive hay and nutrient supplements. Movement of cattle and sheep from summer to winter pasture in the valley was nearing completion. Some cattle and sheep grazed on alfalfa and crop stubble. Lambing and calving continued. Most bees were in winter yards.

CALIFORNIA CROP WEATHER – WEEK ENDING 11/29/10

STATIONS ¹	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION					
	Average Week Ending 11/29/10	Departure from Normal	High	Low	This Season	Normal	Rain Days ²	This Season		Normal		
					January 1 - 11/29/10	January 1 - 11/29	July 1 - 11/29/10	Week Ending 11/29/10	July 1 - 11/29/10	July 1 - 11/29	July 1 - June 30	
	-- Degrees Fahrenheit --				-- Number --		-- Days --		-- Inches --			
North Coast												
Eureka_WFO	44	-7	53	28	31	73	40	1.76	8.76	9.11	38.10	
Ukiah	43	-7	56	27	1,471	1,479	18	1.28	8.92	7.95	38.90	
Santa_Rosa_AG	46	-7	58	28	871	1,143	20	0.79	8.39	6.48	31.01	
Napa_AP	45	-6	58	27	1,061	1,222	19	0.49	6.74	5.46	26.46	
Central Coast												
San_Francisco_A	48	-5	57	37	818	567	14	0.72	3.26	3.65	20.11	
San_Jose_AP	47	-6	58	32	1,360	1,613	10	0.36	2.02	2.84	15.08	
Salinas_AP	47	-7	60	32	497	629	16	0.62	2.66	2.34	12.91	
Monterey_AP	48	-6	58	33	184	327	24	0.55	3.09	3.81	20.35	
King_City_Ag	45	-8	66	25	1,122	1,312	14	0.15	1.64	1.99	12.30	
Paso_Robles_AP	43	-8	62	24	1,618	1,692	8	0.00	0.87	1.96	13.08	
Sacramento Valley												
Redding	42	-7	57	26	2,557	2,524	20	0.74	7.38	6.68	33.52	
Red_Bluff	44	-7	55	29	2,580	2,759	17	0.51	3.54	4.98	24.07	
Willows_6W	44	-6	54	28	2,214	2,157	20	0.60	5.59	3.74	19.03	
Oroville	44	-6	55	29	2,340	2,239	17	0.32	5.98	5.76	28.75	
Marysville	45	-5	58	30	2,132	2,589	11	0.28	4.58	4.38	22.07	
Sacramento_AP	44	-6	58	27	1,894	2,096	12	0.37	3.83	3.39	17.93	
San Joaquin Valley												
Stockton	44	-7	56	27	1,925	2,347	16	0.65	3.83	2.90	13.84	
Modesto_AP	45	-7	58	28	2,299	2,487	17	0.50	2.86	2.51	13.12	
Merced_Macready	43	-7	57	27	2,143	2,459	19	0.50	2.86	2.28	12.50	
Madera_AP	44	-6	58	28	2,313	2,579	14	0.27	2.57	2.16	11.94	
Fresno_AP	45	-5	57	31	2,942	2,809	14	0.54	2.24	1.95	11.23	
Lemoore_NAS	47	-3	61	30	2,447	2,522	9	0.07	1.07	1.34	7.89	
Visalia_AP	44	-6	57	30	2,497	2,570	11	0.46	1.88	2.02	11.03	
Bakersfield	47	-5	62	32	3,104	3,196	10	0.26	1.43	1.08	6.49	
Cascade Sierra												
Alturas_AP	22	-13	34	-5	516	451	25	0.28	4.01	3.43	12.13	
Mount_Shasta_AP	30	-8	41	15	735	510	24	0.59	8.95	8.62	39.16	
Blue_Canyon	30	-11	44	19	1,030	692	22	3.13	21.49	14.46	66.36	
Yosemite_Valley	32	-10	43	18	1,521	1,278	22	1.65	10.65	8.25	37.73	
South Coast												
Santa_Maria_AP	46	-8	62	30	322	633	17	0.03	2.42	1.98	14.01	
Santa_Barbara_A	50	-7	66	33	503	1,210	13	0.01	3.37	2.28	16.93	
Oxnard_NWS	51	-8	66	36	918	1,116	16	0.02	3.20	2.06	15.62	
Riverside_AP	51	-7	72	34	2,716	2,864	11	0.10	1.45	1.43	10.22	
Los_Angeles_AP	54	-7	68	42	1,207	1,796	14	0.09	2.13	1.82	13.15	
San_Diego_AP	55	-6	65	42	1,405	2,097	18	0.09	3.12	1.76	10.77	
Southeast Interior												
Bishop_AP	33	-9	49	12	1,776	1,770	13	0.02	1.32	1.18	5.02	
Daggett_AP	44	-8	61	23	4,018	3,890	9	0.05	1.23	1.50	4.17	
Lancaster_ATC	40	-7	58	17	2,580	2,510	9	0.05	2.06	1.20	7.40	
Thermal	49	-10	66	20	4,775	5,182	6	0.00	0.73	1.30	3.53	
Blythe_AP	50	-8	64	26	5,430	5,399	4	0.00	0.30	1.88	4.02	
Imperial_CA	53	-7	68	31	5,198	5,216	7	0.00	1.57	1.24	2.96	

1 Weather stations added as of July 6, 2010.

2 New addition as of July 6, 2010. 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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