

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Most of the State experienced warmer than average temperatures. South central Oregon was somewhat the exception with temperatures slightly cooler than average. Although all stations reported some precipitation, most were somewhat below average. For the crop weather season, temperatures are also warmer than normal so far, with an exception again being south central Oregon. The season's cumulative precipitation for most stations is also lower than average.

Field Crops: Wheat in the majority of Umatilla County was stressed and needed moisture. Lack of moisture did help hay producers put up good quality first cutting. A little rain fell in north central Oregon. That at least helped slow the stress on wheat. In the north Willamette Valley, winter wheat headed out rapidly after a warm to hot couple of weeks and then light rain. Irrigating grass for seed. Crimson clover setting seed, red clover looked good. First cutting of alfalfa and grass hay were reported to be great quality but running light. Further south some dryland crops were too far gone to be helped on the sandier soils.

Fruits and Nuts: Sweet cherry fruit set was very good on some varieties such as Regina and in some locations. Frost has reduced yields in low lying areas, but fruit set in most of Wasco County appeared to be good. Routine orchard operations continued throughout the Hood River Valley. First emergence of western cherry fruit fly occurred in Hood River on May 16. Codling moth egg hatch was predicted to begin at the OSU-MCAREC in Hood River on

May 16. Cultivating new filbert planting in the Willamette Valley. They were showing good growth. Wine grapes showing early growth and vigor. Local strawberries at stands. Douglas County orchard crops have had an excellent start with a good set of fruit on apples, pears, peaches, plums, and prunes. Berry crops have also set very heavy fruit loads. Cherry orchards seem to have light crops and it is a little early to tell about filbert and walnut crops. Wine grapes looked fantastic and with a lot of production potential. With good growing conditions at flowering in late May and early June there is great potential for a high quality crop.

Vegetables: Leaf miners - in chard, spinach, and many of the Brassicas were early this year. Usually leaf miners show in July or August. Crops have been seeded into nicely worked warm soil. Some vegetables were still being seeded. Garlic doing very well, sizing nicely.

Nurseries and Greenhouses: Hoop house low row covers removed from new plants.

Livestock, Range and Pasture: Pasture conditions varies from good to poor as one might expect as Oregon's climate varies. Descriptions for eastern Oregon rangelands included 'very dry', 'suffering', and 'dismal'. Many pastures in western Oregon were helped by recent rains.

Soil Moisture - Week Ending 05/19/13

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	10	53	36	1
Subsoil	6	43	50	1

Crop Progress - Week Ending 05/19/13

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Alfalfa hay, first cutting	27	8	4	3
Winter wheat headed	16	7	15	8
Barley planted	92	90	99	94
Barley emerged	68	62	89	82
Spring wheat emerged	86	81	96	88
Days suitable for fieldwork	6.0	6.8	6.7	5.9

Crop Condition - Week Ending 05/19/13

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	4	13	40	41	2
Spring wheat	12	11	29	47	1
Barley	2	16	42	40	0
Range and pasture	2	17	39	39	3

Western Oregon

COOS/CURRY: The 0.25 inches of rain this week have extended the already flagging pasture season. More rain in the forecast could buy extended grazing for the season. Lows averaged a couple degrees above 5-year average in both counties. Coos County maximum high temperature was more than 5 degrees below the 5-year average. Maximum high was also below the 5-year average in Southern Curry County. Relatively warm morning conditions prevailed most of the week along the coast, with morning fog, especially near the coast. Dry and breezy conditions early in the week with showers mid-week and drizzle through the weekend. River levels continued to drop, and irrigation of pastures and hay fields has started. Some hay fields have headed with below average growth – hay may be an issue, depending on the extent of reduction from normal levels. Livestock continued to return to the lowland pastures. Spring grass hay harvest continued where fields were dry enough. Bandon (Coos and Northern Curry): Official Low temperature for the period was 44.25 degrees, 2.43 degrees above the 5-year average – average of low temperatures was 47.66 degrees. High temperature for the period was 62.55 degrees, 5.68 degrees below the 5-year average – average of high temps was 60.35 degrees. Precipitation for the period was 0.32 inches, which is 0.03 inches above the 5-year average for the week. Weather year 2013 (began 10/1/2012) precipitation stands at 49.82 inches, 0.61 inches below the 5-year average. Historical average precipitation through May is 55.97 inches. Brookings (Southern Curry): Low temperature for the period was 45.58 degrees, 1.67 degrees above the 5-year average – average of low temps was 47.29 degrees. High temperature for the period was 73.5 degrees, 1.17 degrees above the 5-year average – average of high temperature was 61.91 degrees. Precipitation for the period was 0.51 inches, which is 0.51 inches below the 5-year average. Weather year 2013 (began 10/1/2012) precipitation stands at 64.75 inches, 10.22 inches below the 5-year average. Historical average precipitation through May is 68.15 inches.

DOUGLAS: Light rain and cooler temperatures this week have slowed down the rapid pace of development with all crops. The amount of rain that has fallen has been light so no real moisture recharge has taken place. Orchard crops have had an excellent start with a good set of fruit with apples, pears, peaches, plums, and prunes. Berry crops have also set very heavy fruit loads. Cherry orchards seem to have light crops and it is a little early to tell about filbert and walnut crops. Wine grapes looked fantastic and with a lot of production potential. With good growing conditions at flowering in late May and early June there is great potential for a high quality crop. Vegetable crops have been seeded into nicely worked warm soil so conditions were favorable for a good start to the season.

JACKSON: Warm temperatures to start the week gave way to more spring like weather. Temperatures were in the 70s most of the week with rain mixed in a little here and there. Saw more first

cutting hay this week being put up but still most has not started yet.

JOSEPHINE: Overnight 38-50 for week. Daytime 58-88. Trace of rain, breezy most of the week with some gusts. Still harvesting asparagus, lettuce, kale, spinach, snow peas. County could really use some rain. There was a huge deficit with little rain in April, and little rain in May so far.

LANE: Rain for three days. With temperatures being above 60 degrees, more apple and pear scab infections; plus there has been a large infection from the coastal cedar rust on many of the pear varieties. Heavy powdery mildew on apples and pears, protect the new grapes. Garlic doing very well, sizing nicely. Trees fruits, starting to see June drop. Seems to be a lighter crop this year. Time will tell. Codling moth showing high numbers until the rain started mid week. Leaf miners - in chard, spinach, and many of the Brassicas were way early this year. Usually leaf miners show in July or August.

LINN: Recent rains have helped north part of Linn County and foot hills. Main Valley still lacking moisture. Cooler temperatures and some drizzles have helped minimally. Some dryland crops were too far gone to be helped on the sandier soils.

POLK: Received some rain this past week, mostly drizzle that calmed down the dust, but a couple of events soaked into the surface soil improving surface soil conditions. Rains were expected this week, which could be very beneficial. Many hay fields were harvested over the past couple of weeks, however they were immature and lower in production than normal. With improved rainfall, they could obtain a second cutting.

YAMHILL: Rains this week were welcomed. Hoping for more rain next week with the cooler temperatures. Pastures reported to be "not in bad shape, just not growing", so feed is getting short. First cutting of alfalfa and grass hay were reported to be great quality but running light. Some red clover fields that would have been chopped off were picked up for hay instead by livestock producers looking for a little more feed. Last of the tall fescue plantings went this weekend. Vegetable crops continued to be planted.

WASHINGTON: Winter wheat headed out rapidly after warm to hot couple of weeks and then light rain. Irrigating grass for seed. Crimson clover setting seed, red clover good. Cultivating new filbert planting. They were showing good growth. Wine grapes showing early growth and vigor. Local strawberries at stands. Potatoes show good growth. Hoop house low row covers removed from new plants. Non-irrigated pastures doing well, cattle and calves enjoying spring. High temperature 71 degrees, low 42 degrees, one inch of rainfall.

Eastern Oregon

HARNEY: Harney County finally received some much needed rain at the end of this week. Range conditions still continued to be very dry.

HOOD RIVER: Variable weather conditions prevailed through the week. Routine orchard operations continued throughout the Valley. First emergence of western cherry fruit fly occurred in Hood River on May 16. Codling moth egg hatch was predicted to begin at the OSU-MCAREC in Hood River on May 16.

KLAMATH: Some rain during the week. Irrigation continued. Planting for spring crops continued. Temperatures at the beginning of the week were in the 80's. Temperatures toward the end of the week were more spring like.

LAKE: Received significant precipitation during the week. Rain and warmer day time temperatures have greatly improved the pasture conditions. Spring field work continued.

UMATILLA: Very dry. Wheat in the majority of the County was stressed and needed moisture. Pastures were very dry. Lack of moisture did help hay producers put up good quality first cutting. Water to irrigators was beginning to be limited in some areas.

UNION/BAKER: Range conditions were looking very dismal. Some pastures were not able to be turned out on so some cattle were still being fed hay. Cool weather and winds have been seen

most of the week. Dry conditions continued. Seasonal streams were drying up several months ahead of normal. Dryland crops were showing drought stress.

SHERMAN/WASCO: Two major storms delivered a whopping 0.21 inches of moisture. Doesn't sound like much but at least it slowed down the crop yield loss that growers have been experiencing. Thursday night may help the spring crops at least. Some wheat stands still looked particularly good and still showed potential but closer observation even on these better stands show the stress they've undergone. Stripe rust was reported on Tubbs 06 but at the level of 1 percent infection. Not much but a warning to those who selected this variety last fall. Sweet cherry fruit set was very good on some varieties such as Regina and in some locations. Frost has reduced yields in low lying areas, but fruit set in most of Wasco County appeared to be good.

WALLOWA: Cooler temperatures and some moisture was a welcome site this week but more moisture was definitely needed. More rain is in the forecast so we shall see.

WHEELER: It has been an extremely dry spring so dryland crops and range conditions were suffering. Livestock conditions were between fair and good at the moment but without spring moisture conditions will deteriorate throughout the rest of the year.

Weather data for selected stations in Oregon, Week ending: May 19, 2013 (as of 11:00 am) ¹

Station	Air temperature ²				Growing degree days ³		Last week precip. ⁴			Season cum. precipitation ⁵			
	Low	High	Avg.	DFN ⁶	Total	DFN ⁶	Total inches	DFN ⁶	Days ⁷	Total inches	DFN ⁶	Pct. normal	Days ⁷
COASTAL AREAS													
Astoria	43	61	53	+2	25	+7	0.85	+0.19	5	68.98	+8.28	114	162
Bandon ⁸	44	63	54	+3	30	+14	0.32	-0.31	5	49.87	-5.50	90	146
Crescent City	46	60	54	+0	28	+0	0.25	-0.43	2	46.32	-15.52	75	105
Florence	41	62	53	+0	23	+2	0.77	-0.08	6	59.64	-11.23	84	142
North Bend	46	64	56	+4	47	+23	0.23	-0.42	5	38.42	-21.19	64	115
Tillamook	43	63	55	+4	37	+23	0.45	-0.55	7	59.60	-21.22	74	148
WILLAMETTE VALLEY													
Aurora ⁸	44	69	56	+2	44	+7	0.58	+0.09	6	32.45	-4.65	87	133
Corvallis	41	68	56	+2	40	+7	0.24	-0.18	4	28.09	-11.49	71	129
Detroit Lake ⁸	43	69	53	+4	24	+10	0.92	+0.15	6	77.52	+15.2	124	147
Eugene	38	70	57	+2	53	+12	0.28	-0.21	4	25.89	3	57	108
Hillsboro	39	68	54	-1	32	-4	0.68	+0.33	7	28.74	-19.91	84	126
McMinnville	40	68	56	+0	41	+1	0.65	+0.23	7	27.48	-5.39	68	118
Portland	46	70	58	+2	59	+10	0.48	-0.01	6	31.02	-13.00	95	123
Salem	42	69	56	+3	47	+15	0.44	+0.02	6	30.14	-1.49	84	120
SW VALLEYS													
Grants Pass	43	87	61	+3	79	+16	0.08	-0.20	1	28.52		97	101
Medford	45	77	60	+3	73	+17	0.08	-0.13	3	15.99	-1.03	93	94
Roseburg	49	73	60	+4	69	+21	0.24	-0.11	4	25.28	-1.23	83	113
NORTH CENTRAL													
Condon	35	84	54	+3	34	+16	0.16	-0.08	4	6.89		60	68
Echo ⁸	44	75	60	+2	74	+10	0.03	-0.11	2	6.73	-4.51	88	76
Heppner	39	84	57	+2	50	+11	0.11	-0.24	2	6.25	-0.94	54	64
Hermiston	40	76	61	+3	79	+15	0.05	-0.09	1	6.68	-5.23	87	64
Madras ⁸	36	68	51	-4	11	-21	0.37	+0.20	3	6.04	-0.99	73	67
Moro	39	72	55	+3	39	+13	0.12	-0.09	3	7.09	-2.29	75	66
Parkdale ⁸	37	67	53	-4	19	-21	0.49	+0.28	4	32.03	-2.40	110	126
Pendleton	39	72	58	-1	55	+0	0.13	-0.08	1	7.40	+2.93	73	70
Prairie City ⁸	36	68	51	-4	11	-21	0.37	+0.20	3	6.04	-2.78	73	67
The Dalles	45	74	60	+6	68	+36	0.13	-0.01	1	8.31	-2.29	76	61
SOUTH CENTRAL													
Agency Lake ⁸	32	71	51	+3	18	+7	0.18	-0.03	1	10.96		79	66
Bend	33	87	52	+3	23	+9	0.26	+0.09	1	6.69	-2.96	71	30
Burns	33	84	54	+4	28	+11	0.20	-0.01	2	5.44	-2.77	71	51
Christmas Valley ⁸	26	79	49	-5	13	-14	0.16	-0.05	2	16.87	-2.23	170	81
Klamath Falls	30	77	52	-2	20	-5	0.16	-0.05	2	6.56	+6.96	57	60
Klamath Falls ⁸	30	77	52	-2	21	-4	0.11	-0.10	1	7.19	-4.98	62	80
Lakeview ⁸	27	76	50	-2	16	-2	0.26	-0.09	4	9.17	-4.35	71	86
Lorella ⁸	27	80	51	-2	20	-5	0.42	+0.21	3	9.05	-3.81	78	75
Redmond	31	70	51	+0	10	-7	0.12	-0.02	2	4.83	-2.49	74	51
Worden ⁸	27	75	50	-3	13	-12	0.06	-0.15	3	7.75	-1.70	67	74
NORTHEAST													
Baker City	35	85	54	+2	33	+11	0.11	-0.17	2	4.93		66	73
Joseph	39	84	56	+10	46	+41	0.28	-0.17	3	11.03	-2.49	56	87
La Grande	34	77	55	+2	37	+6	0.04	-0.31	2	8.79	-8.79	63	72
Imbler ⁸	33	77	55	+3	35	+10	0.03	-0.36	2	9.97	-5.10	50	102
SOUTHEAST													
Ontario	45	96	65	+5	104	+35	0.05	-0.09	1	4.49		56	56
Rome	40	91	60	+5	69	+29	0.30	+0.09	4	3.54	-3.50	59	56

¹ Summary based on NWS data. Copyright 2013: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2012.

⁶ DFN=Departure from normal (using 1961-1990 normal period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.