

# OREGON CROP WEATHER



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

USDA, NASS, Oregon Field Office

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Phone: 503-326-2131  
Toll Free: 1-800-338-2157  
Email: [nass-or@nass.usda.gov](mailto:nass-or@nass.usda.gov)  
Internet: [www.nass.usda.gov/or](http://www.nass.usda.gov/or)

**Weather:** The temperatures were cooler this past week, but little precipitation fell throughout the State. High temperatures ranged from 60 degrees in Crescent City, up to 91 degrees in Ontario and Rome. Low temperatures ranged from 28 degrees in Christmas Valley, up to 48 degrees in Portland and Ontario. Precipitation was scarce with most stations receiving only a few hundredths-of-an-inch. The largest accumulation was reported at the Joseph station with .53 inches. Eighteen of the forty-three stations reported no precipitation at all.

**Field Crops:** Cool and dry weather conditions boosted hay harvest in most areas across the State this past week. Some central Oregon hay was rained on and will most likely show rain damage. Statewide, the first cutting of alfalfa hay is nearing completion, while the second cutting was reported to be six percent complete. Cool weather has been beneficial for crop growth, but lack of moisture is evident in many crops. Small grains were reported in mostly good condition, but spring and winter wheat are slowly shifting towards fair condition. Recent rains came too late to boost grain crop condition in many north-central areas. Some grass crops in Linn and Benton counties were cut last week, while grass seed pollination in Washington County was near completion. Corn and potato crops were reported to be doing well in Umatilla County.

**Vegetables:** Plenty of vegetables such as peas, radishes, garlic, leeks, lettuce, new potatoes, fall carrots, turnips, zucchini, cucumbers, cauliflower, and broccoli, were being sold at local Farmer's Markets. Vegetable growers were quite busy with watering, weeding, and cultivation. Sweet corn was reported to be about one foot tall in Jackson County. Tomatoes continue to bloom and were growing well.

**Fruits and Nuts:** Strawberry harvest was at its peak in the northern Willamette Valley. Southern Willamette Valley strawberries were showing good yields, but could use a bit more sun. Raspberries should be ready soon. Blackberries have set fruit and were looking good. Some sweet cherry growers in the Willamette Valley began harvest; growers are expecting a light crop this year. The prune / plum and apple crops are also expected to be down, but peaches and pears both appear to be good crops. The filbert worm began its emergence during the week. Summer orchard activities continued throughout the Hood River Valley. Unsettled weather prevailed, and rain late in the week resulted in some cherry cracking. Pear harvest prediction models indicate Bartlett harvest on August 11 and d'Anjou harvest on September 1 at the OSU-MCAREC in Hood River; both two days ahead of average. Brine cherry harvest began in the The Dalles area. Cherry fruit fly spraying was ongoing. Southern Oregon apples and pears were showing good growth. Grapes and canberries were growing well and setting fruit. Orchard activities included irrigating and applying cover sprays.

**Nurseries and Greenhouses:** Greenhouses and nurseries continued to be busy with sales, and were getting started on some summer maintenance. Nurseries were doing a lot of planting, watering, feeding, and potting of their stock.

**Livestock, Range and Pasture:** Recent precipitation improved grazing conditions in many areas of the State. Livestock were generally doing well. Coos and Curry counties are expecting lower quality forage to seed on their dry pastures. Some livestock producers in Lake County started moving off of government allotments due to lack of livestock water.

**Soil Moisture-Week Ending 06/17/07**

	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	15	35	50	0
Subsoil	14	39	47	0

**Crop Progress-Week Ending 06/17/07**

Crop	This week	Last week	Last year	5 year average
	Percent	Percent	Percent	Percent
Alfalfa hay, first cutting	93	88	66	13
Alfalfa hay, second cutting	6	-	7	2
Spring wheat headed	80	60	46	47
Days suitable for fieldwork	6.5	4.9	5.5	6.1

**Crop Condition-Week Ending 06/17/07**

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Winter wheat	0	13	39	46	2
Spring wheat	4	21	34	40	1
Barley	0	0	24	75	1
Corn	0	0	9	58	33
Range and pasture	1	10	48	39	2

## WESTERN OREGON

**CLACKAMAS:** Cooler temperatures with some light rain this past week set the hay harvest at a standstill. Strawberry harvest is still going strong and raspberries are almost ready. Most grasses are in full bloom. Soil moisture is getting short. Irrigation is in full use where it is available.

**COOS/CURRY:** Precipitation on Sunday helped to extend the grazing season, but pastures continue to dry and lower quality forage is going to seed. A little fog combined with sunny and windy conditions have accelerated forage drying this week. Temperatures were warmer this week than last week. Bandon (Coos & Northern Curry): Low temperature for the period was 45.16 degrees, 1.93 degrees below the 5-year average. High temperature for the period was 67.68 degrees, 1.76 degrees above the 5-year average. Precipitation for the period was 0.02 inches, compared to a 5-year (including drought years 2002-2004) average of 0.27 inches. Precipitation for current weather year precipitation stands at 53.82 inches, 0.25 inches below the 5 year average. Historical average precipitation through June is 57.48 inches. Brookings (Southern Curry): Low temperature for the period was 45.98 degrees, 1.2 degrees below the 5-year average. High temperature for the period was 73.2 degrees, 2.11 degrees below the 5-year average. Precipitation for the period was 0.0 inches compared to a 5-year average (including drought years 2002-2004) of 1.05 inches. Current weather year precipitation stands at 76.86 inches, 1.61 inches below the 5 year average. Historical average precipitation through June is 69.98 inches.

**JACKSON:** There is still a lot of hay being made. Almost all of the grain crops are looking about normal, although some are about two weeks ahead of schedule. Apples and pears are showing good growth. Cover sprays are being applied. Lots of orchard irrigation is taking place. Caneberries are setting fruit. Vineyards are showing lots of good growth and most are setting fruit. Vegetable growers are quite busy with watering, weeding and cultivation. Sweet corn is now about one foot tall. Greenhouses are still busy with sales and are getting started on summer maintenance. Nurseries are doing a lot of planting, watering, feeding, and potting of stock. Livestock are all looking good and are on good pastures, although ground pastures are drying up fast. Some cattle are moving to higher ranges. Lots of irrigation is taking place. The

weather has been mostly hot and dry. Afternoon breezes are drying the ground and evenings are about normal.

**LANE:** Plums and cherries are both a low to medium crop this year with a lot of disease. Both peaches and pears appear to be a good crop so far. Apples are mediocre and the crop is down due to rain and freeze damage. Strawberries need a little more sun, but are showing good yields with plenty of large berries. Blueberries are looking nice and are doing about normal at this time. Raspberries and blackberries have both started to bloom. Vegetable and crop planting is in full steam. Radishes, garlic, early strawberries, leeks, lettuce, new potatoes, fall carrots, turnips, rhubarb, zucchini, cucumbers, cherry tomatoes, cauliflower, and broccoli were all being sold at Farmer's Markets. Greenhouse and nursery sales are still going strong.

**LINN/BENTON:** Some of the grass crops are starting to be cut. Raspberry and blueberry crops have set fruit now and are both looking good. Mid-valley row crop farms are now selling produce at the local markets. The weather continues to be nice.

**MARION:** Very dry conditions this past week.

**POLK:** Cool and dry weather this past week made ideal conditions for this year's hay crop.

**WASHINGTON:** Strawberries are in the peak of the season. The first cutting of hay has been completed. Sweet corn is fully planted. Grass seed pollination is nearing completion. Reports of a very light crop of sweet cherries this year. We are anticipating large losses of prunes and apples. Royal and black cherries, raspberries, and many varieties of peas are also being sold at farmer's markets. Producers are reporting a 30-40% reduction in yield on red/crimson clover crops. A lack of moisture is apparent in all crops. Field corn irrigation has started. Grass for seed spraying is being done for rust control. Sugarbeets for seed are blooming/bolting. Pastures are holding well and livestock are looking good. High temperature of 85 degrees with a low of 39 degrees. 0.4 inches of rain fell this past week.

**YAMHILL:** The filbert worm began its emergence this past week. Some sweet cherry growers have begun harvest.

## EASTERN OREGON

**CROOK/DESCHUTES/JEFFERSON:** Winter wheat is starting to head out. It seems to be a good year for the Cereal Leaf Beetle and a fair amount of spraying is happening, especially in Jefferson County. ODA reported back that the parasitic wasp that controls the CLB is now at a 4-18% parasitism rate in some fields in Crook County. We are waiting to hear back on the Jefferson County fields that were sampled. Lots of hay that was down got rained on. It will most likely result in a lot of rain damaged hay. We have discovered and identified the Banks Grass Mite in an orchard grass field on the south edge of Jefferson County, near Terrebonne. It may also have been present in an alfalfa field, SW of Culver in Jefferson County. It also seems to be an excellent year for the alfalfa weevil. There is plenty of spraying happening, especially with the rain-delayed harvesting. Rain events occurred on June 2<sup>nd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, and 9<sup>th</sup>; totaling well over an inch in some areas.

**HOOD RIVER:** Summer orchard operations are busy throughout the Hood River Valley. Unsettled weather prevailed during the week, and rain late in the week resulted in some cracking of cherries. Pear harvest prediction models indicate Bartlett harvest on August 11 and d'Anjou harvest on September 1 at the OSU-MCAREC in Hood River; both two days ahead of average.

**LAKE:** No precipitation received during the week. The first cutting of alfalfa has started in most of the County. Some livestock producers have started moving off of government allotments due to lack of livestock water.

**MALHEUR:** Much needed widespread rain on Sunday ranging from 0.6 to 0.8 inches. The welcomed rain boosted growth in grazing areas. Lots of hay is down and winter wheat is showing color.

**MORROW:** Poorer stands of dryland wheat are beginning to show results of the heat stress from a few weeks ago. Recent rain came too late to help some of the wheat in shallow ground, but most of the wheat looks good and expectations were for good yields.

**SHERMAN:** Cool weather has been favorable for growth.

**UMATILLA:** Conditions have held. Average to above average crop in the higher rainfall areas (>14"). Lower rainfall areas are at risk for poor crop conditions. Corn and potato crops look good. Potato acreage is steady, perhaps a slight decline. Corn acres are way up.

**WASCO:** Cherry harvest officially started on Monday in The Dalles area on brine cherries. Bings are on track to get under way later. Cherry fruit fly spraying continued all week. Some rain was recorded on Friday. The winter wheat fields in the early areas are starting to lose their green color. Shallow areas are becoming quite prominent in winter wheat fields. Strong winds hampered weed spraying on no-till grain stubble fields. Hay growers are irrigating for the second cutting. Cattle continue to do well on mostly good pastures.

**Weather data for selected stations in Oregon, Week ending: June 17, 2007 (as of 11:00 am) <sup>1</sup>**

Station	Air temperature <sup>2</sup>				Growing degree days <sup>3</sup>		Last week precip. <sup>4</sup>			Season cumulative precipitation <sup>5</sup>			
	Low	High	Avg.	DFN <sup>6</sup>	Total	DFN <sup>6</sup>	Total inches	DFN <sup>6</sup>	Days <sup>7</sup>	Total inches	DFN <sup>6</sup>	Pct. normal	Days <sup>7</sup>
<b>COASTAL AREAS</b>													
Astoria/Clatsop	41	65	56	-2	40	-7	0.31	-0.27	6	68.64	5.64	109	172
Bandon <sup>8</sup>	45	68	58	+3	54	+12	0.02	-0.35	1	54.59	-2.44	96	152
Crescent City	44	60	53	-4	19	-26	-	-0.32	-	57.68	-5.79	91	117
Florence	42	68	56	-2	44	-7	0.27	-0.32	2	82.93	9.50	113	139
North Bend	45	64	56	-2	44	-6	0.09	-0.31	2	59.23	-2.13	97	132
Tillamook	37	68	57	+2	52	+12	0.06	-0.72	3	52.61	-31.47	63	156
<b>WILLAMETTE VALLEY</b>													
Aurora <sup>8</sup>	43	76	60	-1	75	-4	-	-0.42	-	40.27	1.44	104	136
Corvallis	40	76	58	-4	56	-18	0.03	-0.26	1	45.75	4.88	112	133
Detroit Lake <sup>8</sup>	40	77	58	+2	61	+7	0.04	-0.49	2	86.06	21.49	133	156
Eugene	37	79	59	-4	62	-19	0.01	-0.34	1	38.09	-9.20	81	121
Hillsboro	40	76	59	-3	64	-15	0.03	-0.32	2	33.98	-1.44	96	133
McMinnville	39	75	59	-3	63	-14	0.01	-0.24	1	35.00	-6.62	84	136
Portland	48	75	61	-3	78	-15	0.04	-0.31	3	33.30	-0.75	98	145
Salem	40	77	60	-2	71	-8	0.01	-0.34	1	39.33	1.97	105	123
<b>SW VALLEYS</b>													
Grants Pass	45	88	65	-2	103	-9	0.02	-0.12	1	29.22	-0.94	97	95
Medford	45	87	67	+2	124	+12	-	-0.14	-	16.99	-0.89	95	93
Roseburg	45	83	63	+0	93	+0	-	-0.21	-	30.18	-1.22	96	109
<b>NORTH CENTRAL</b>													
Condon	35	77	59	+1	67	+1	-	-0.27	-	13.92	1.39	111	96
Echo <sup>8</sup>	43	79	63	-4	94	-23	-	-0.12	-	8.96	0.75	109	93
Heppler	39	77	59	-4	68	-23	-	-0.21	-	13.86	1.30	110	102
Hermiston	39	81	64	-4	98	-19	-	-0.12	-	8.31	0.10	101	83
Madras <sup>8</sup>	36	77	58	-4	56	-24	0.01	-0.20	1	6.66	-2.51	73	80
Moro	35	77	59	-3	67	-9	0.04	-0.10	1	11.26	1.14	111	83
Parkdale <sup>8</sup>	34	74	55	-8	35	-48	0.06	-0.09	2	33.95	4.21	114	105
Pendleton	42	79	62	-5	85	-26	-	-0.14	-	9.94	-0.96	91	87
Prairie City <sup>8</sup>	36	77	58	-4	56	-24	0.01	-0.20	1	6.66	-2.51	73	80
The Dalles	42	79	62	+2	89	+11	0.01	-0.13	1	12.43	0.94	108	76
<b>SOUTH CENTRAL</b>													
Agency Lake <sup>8</sup>	37	78	58	+2	61	+9	-	-0.21	-	14.89	0.08	101	97
Bend	35	79	56	-2	41	-12	-	-0.21	-	10.07	-0.21	98	68
Burns	31	82	58	+2	59	+4	-	-0.21	-	8.53	-0.05	99	79
Christmas Valley <sup>8</sup>	28	82	55	-7	40	-39	-	-0.25	-	5.71	-5.22	52	74
Klamath Falls	34	81	58	-4	56	-18	-	-0.14	-	9.50	-2.79	77	74
Klamath Falls <sup>8</sup>	33	81	57	-4	54	-20	0.02	-0.12	1	10.42	-1.59	87	93
Lakeview	34	82	57	-2	53	-11	-	-0.28	-	3.70	-10.61	26	48
Lorella <sup>8</sup>	32	82	58	-4	54	-20	0.01	-0.13	1	9.35	-2.94	76	86
Redmond	31	80	57	-3	48	-18	-	-0.17	-	4.50	-2.81	62	51
Worden <sup>8</sup>	29	80	56	-5	47	-27	-	-0.14	-	7.82	-4.47	64	92
<b>NORTHEAST</b>													
Baker City	37	78	57	-4	50	-21	0.04	-0.31	2	5.26	-3.56	60	79
Joseph	36	78	56	+3	49	+14	0.53	0.11	2	13.53	-8.73	61	106
La Grande	43	84	61	-2	79	-6	-	-0.35	-	7.17	-8.20	47	69
Union	39	79	59	-1	66	-2	0.21	-0.18	2	9.70	-1.96	83	89
<b>SOUTHEAST</b>													
Ontario	48	91	68	-1	124	-4	0.01	-0.17	1	5.84	-2.96	66	65
Rome	38	91	64	+0	101	+3	0.01	-0.22	1	3.23	-3.84	46	59

<sup>1</sup> Summary based on NWS data. Copyright 2007: AWIS, Inc. All Rights Reserved.

<sup>2</sup> Air temperature in degrees Fahrenheit.

<sup>3</sup> Growing degree days base-50 degrees Fahrenheit.

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

<sup>5</sup> Season cumulative precipitation starts September 1, 2006.

<sup>6</sup> DFN=Departure from normal (using 1961-1990 normals period).

<sup>7</sup> Precipitation days = Days with precipitation of 0.01 inch or more.

<sup>8</sup> Agri-Met weather stations.