

# OREGON CROP WEATHER



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

**USDA, NASS, Oregon Field Office**

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**Weather:** Hot and dry weather prevailed throughout the State this past week with many high temperatures reaching up to the mid and upper 90's. High temperatures ranged from 59 degrees in Crescent City, up to 99 degrees at the Echo, Hermiston, and Ontario stations. Low temperatures ranged from 22 degrees in Christmas Valley, up to 49 degrees in Portland. Precipitation was scarce again this past week. The largest accumulations were reported at Madras and Prairie City with only 0.45 inches. Twenty-eight out of the forty-three stations reported no precipitation at all.

**Field Crops:** Hot and dry conditions prevailed throughout Oregon this past week. Growers were busy cutting grass silage as well as alfalfa and grass hay. The State's first cutting of alfalfa hay was reported to be 67 percent complete, ahead of last year and the five year average. Irrigation began early for many growers across Oregon due to the lack of rain. Grass seed and fescue fields were in full pollination last week in the Willamette Valley. Areas that reached temperatures in the high 90's and lower 100's this past week showed signs of stress in some crop fields. Statewide, wheat and barley emergence was reported at 100 percent complete. Winter wheat headed progressed to 84 percent last week, ahead of last year and the five year average.

**Vegetables:** Vegetable availability at northern Willamette Valley Farmer's Markets expanded this past week to include broccoli, red cabbage, and new potatoes. Washington County rhubarb, snap beans, and sweet corn were doing well. Some planting still needs to be done for the cannery supply of snap beans and sweet corn. Growers in southern Oregon continued planting vegetables; some early corn was up.

**Fruits and Nuts:** Strawberries were available at many Farmer's Markets and U-pick farms throughout the Willamette Valley. Blackberries, blueberries, and walnuts continued to form; early red raspberries were ready in the southern Willamette Valley. Other berries and grapes were in bloom. The filbert yield is expected to be down for 2007. On May 26, degree days for the first codling moth were estimated at 250 at the OSU - MCAREC in Hood River. The cherry fruit fly began emergence in both the Willamette Valley and Hood River on May 27. Early sweet cherries were coloring rapidly in Wasco County where harvest is expected to start in a couple of weeks. Orchard harvest preparation was active all week. Southern Oregon fruit was off to a good start. There has not been much thinning; most growers are waiting for June drop. Caneberries were about ready to bloom. Grapevines were showing good growth and fruit was setting.

**Nurseries and Greenhouses:** Irrigation continued at many nurseries due to the recent hot, dry weather. Some culling of nursery stock was necessary. Greenhouses and nurseries were still busy with sales. Nurseries continued to transfer plants into containers.

**Livestock, Range and Pasture:** The hot and dry weather has started to affect pastures throughout the State. The foot hills around the Willamette Valley were starting to show signs of drying out. Pasture conditions were adequate for grazing in higher elevations in Eastern Oregon, but won't last long without rain. Cow/calf pairs and sheep were doing well on dry range and pastures as most livestock are now turned out. Livestock producers may be hauling water earlier than normal this year due to the high demand and need for irrigation.

**Soil Moisture-Week Ending 06/03/07**

	<b>Very short</b>	<b>Short</b>	<b>Adequate</b>	<b>Surplus</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	11	43	45	1
Subsoil	12	38	50	0

**Crop Condition-Week Ending 06/03/07**

<b>Crop</b>	<b>Very poor</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	3	31	29	35	2
Spring wheat	4	22	38	35	1
Barley	0	1	17	80	2
Range and pasture	1	6	36	47	10

**Crop Progress-Week Ending 06/03/07**

<b>Crop</b>	<b>This week</b>	<b>Last week</b>	<b>Last year</b>	<b>5 year average</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Alfalfa hay, first cutting	67	47	46	9
Winter wheat headed	84	55	69	72
Days suitable for fieldwork	6.7	6.9	4.2	5.7

## WESTERN OREGON

**CLACKAMAS:** This past week was full of very nice warm and dry days. Many fields of excellent quality hay were made this past week. The weather during May is most likely a record for warm dry days.

**CLATSOP:** It is starting to get very dry, and the grass needs a shot of rain. Grass silage harvest continues.

**COOS/CURRY:** We didn't receive any rain, but clouds, fog, and low to moderate winds have kept the pastures from drying. Temperatures were cooler this week than last week. Pastures are growing and early hay production began this week. Bandon (Coos & Northern Curry): Low temperature for the period was 44.46 degrees, 2.75 degrees below the 5-year average. High temperature for the period was 67.41 degrees, 1.75 degrees above the 5-year average. Precipitation for the period was 0.00 inches, compared to a 5-year (including drought years 2002-2004) average of 0.54 inches. Precipitation for Current weather year precipitation stands at 53.18 inches, 5.94 inches above the 5 year average. Historical average precipitation through May is 55.97 inches. Brookings (Southern Curry) Low temperature for the period was 45.9 degrees, 0.54 degrees below the 5-year average. High temperature for the period was 77.1 degrees, 3.52 degrees above the 5-year average. Precipitation for the period was 0.05 inches compared to a 5-year average (including drought years 2002-2004) of 0.87 inches. Current weather year precipitation stands at 74.65 inches, 2.15 inches below the 5 year average. Historical average precipitation through May is 70.81 inches.

**JACKSON:** Grain crops are now all planted. A very busy week with haying both alfalfa and grass. Both crops are looking quite good. Haying is about 10 days earlier than normal. We had some showers, but plenty of good hay was still done. All fruit is off to a good start. So far there isn't much thinning. Most growers are waiting for June drop to see how much is going to need thinning. Caneberries are about ready to bloom. Grapevines are showing good growth and fruit is setting. Lots of vegetable planting is being done. Some early plantings of corn are now up. Greenhouses and nurseries are both still quite busy with sales. Nurseries continue to transfer plants into containers. Lots of calves are now in the pastures with their mothers. Valley pastures are still doing ok, but dry ground pastures could now use a good rain. It was another good week for outside work, so most ranchers and farmers were busy. We had some thunder showers Thursday, Friday, and Saturday.

**LANE:** Dry conditions through May have caused grass seed producers to irrigate seed fields located on well drained soils.

Irrigation has also started on other crops such as peppermint and row crops. Tall fescue seed seems to be handling heat and dry conditions the best. Pollination was in full swing last week for Fawn fescue and Gulf Annual ryegrass seeds.

**LINN:** The grass seed fields have been pollinated all week and the raspberry and strawberry crops are now ready for harvest. The berry crops look like they are going to yield well this year. The foot hills around the Willamette Valley are starting to show signs of drying out now.

**MARION:** The past week started with a cloudy and relatively cool day on Sunday and then changed to warm temperatures in the mid-80's for the rest of the week. Most first cuttings of hay were put up without getting rained on. Most places that have irrigation seem to have it going already. Crops still look very good. Lots of fieldwork, both hand labor and machine work going ongoing. Strawberry harvest is just starting.

**MULTNOMAH:** The first grass hay cutting is now complete.

**POLK:** Near record high temperatures occurred this past week. Temperatures reached into the 90's with other days in the mid-80's. The early high temperatures have really pushed many crops ahead of schedule.

**WASHINGTON:** It was a great week for haying. The hay that's down is drying and is a good color. Grass for seed is heading and pollination spores are flying. Some late seeding continues, and weed control spraying is ongoing. Rhubarb and strawberries are doing well. Crops are patchy in some areas. Filberts may have a below average crop. Walnuts are setting. Blackberries and blueberries are setting fruit. Bees have been active. There are many varieties of crops and berries at farmer's markets. Snap beans and sweet corn are growing well. Some planting still needs to be done to sustain the cannery supply. Irrigation is ongoing, as well as culling some nursery stock. Cow/calf pairs are doing well. Buffalo calves are also looking good. Irrigation is in great demand as hot weather continues. High temperature of 91 degrees with a low of 48 degrees.

**YAMHILL:** The cherry fruit fly began emergence in the Willamette Valley on May 27th. Cherry growers are beginning control sprays soon. We need rain. Lots of grass hay was down this week and some was baled. Some grass seed fields are getting irrigation. Red clover needs rain. Grapes have started to bloom as well as some caneberries.

## EASTERN OREGON

**GILLIAM:** Temperatures in the upper 90's and lower 100's have had a negative impact on crop conditions. Scattered thundershowers Sunday afternoon helped moderate the effects to some degree.

**HOOD RIVER:** Warm dry conditions prevailed in the Hood River Valley. On May 26, degree days for first generation codling moth were estimated at 250 at the OSU-MCAREC in Hood River. The first cherry fruit fly was caught in Hood River on May 27.

**KLAMATH:** We had very hot temperatures during the week. Night time temperatures were much more favorable. First cuttings are being dropped. Some potatoes are emerging and others are still being planted.

**LAKE:** We received some precipitation during the week, but not enough to change conditions dramatically. Temperatures remained in the mid-80's for the majority of the week and weekend.

**MALHEUR:** Temperatures ranged from cool/mild to hot, and then repeated the cycle. It is still very dry. Range water sites are drying up and ranchers are hauling water. Growers are busy irrigating, cultivating, spraying, and cutting hay. All crops are looking good. First cutting of alfalfa is in very good shape with very little rain damage. Most cattle are now turned out. Grazing is

adequate to good in higher elevations, but won't last long without rain. High temperatures have hit 100 degrees the last few days.

**MORROW:** The remainder of the county will have alfalfa hay down in the coming week, as the North end is done with its first cutting. Hot dry weather during the week has started to affect larger winter wheat stands.

**SHERMAN:** Heat and continued drought is taking its' toll on winter grains. Dry spots are showing up all over. Two inches of gentle rain is needed. Cool nights are a plus but if the heat continues, crops will not recover from the damage done.

**UMATILLA:** Very hot days this past week with no moisture received. Crop conditions are falling fast and we need rain.

**WALLOWA:** No moisture plus hotter weather has not helped crop and range conditions. Many livestock producers will be hauling water this year.

**WASCO:** Hot dry weather prevailed all week. Cherry orchardists continued spraying for the fruit fly through the week. Early sweet cherries are coloring rapidly, and harvest is expected to start in a couple of weeks. Orchard preparation for cherry harvest was active all week. Alfalfa growers were busy harvesting alfalfa hay. Grain crops are heading, while shallow spots are showing stress. Cattle and sheep continued to do well on dry range and pastures.

**Weather data for selected stations in Oregon, Week ending: June 3, 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 cum. 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	42	85	57	+3	51	+19	0.01	-0.62	1	67.54	5.75	109	160
Bandon <sup>8</sup>	44	67	56	+3	46	+18	-	-0.49	-	53.95	-2.28	96	146
Crescent City	42	59	51	-5	11	-24	0.01	-0.50	1	56.50	-6.24	90	112
Florence	36	77	55	+0	39	+2	-	-0.73	-	81.68	9.50	113	133
North Bend	43	66	55	-1	40	+2	-	-0.52	-	58.65	-1.85	97	124
Tillamook	41	82	57	+4	51	+24	0.03	-0.88	1	51.63	-30.83	63	148
<b>WILLAMETTE VALLEY</b>													
Aurora <sup>8</sup>	43	90	68	+10	125	+68	-	-0.49	-	39.80	1.81	105	132
Corvallis	34	85	63	+6	95	+42	-	-0.37	-	45.28	5.05	113	129
Detroit Lake <sup>8</sup>	41	90	68	+15	129	+97	-	-0.65	-	84.26	20.82	133	149
Eugene	32	84	62	+4	85	+25	-	-0.42	-	37.83	-8.70	81	117
Hillsboro	41	90	66	+8	110	+53	-	-0.36	-	33.51	-1.21	97	127
McMinnville	39	89	66	+8	110	+51	-	-0.35	-	34.56	-6.52	84	129
Portland	49	90	69	+9	133	+62	-	-0.42	-	32.46	-0.82	98	136
Salem	39	88	66	+9	114	+59	-	-0.40	-	38.78	2.12	106	118
<b>SW VALLEYS</b>													
Grants Pass	41	94	70	+8	141	+54	-	-0.21	-	28.52	-1.35	95	90
Medford	39	94	72	+10	153	+69	0.09	-0.12	1	16.88	-0.71	96	89
Roseburg	40	90	68	+9	130	+61	-	-0.28	-	29.88	-1.08	97	104
<b>NORTH CENTRAL</b>													
Condon	30	90	63	+8	90	+51	0.11	-0.17	1	12.55	0.57	105	92
Echo <sup>8</sup>	39	99	69	+6	135	+44	-	-0.14	-	7.93	-0.02	100	90
Heppler	36	92	65	+6	108	+44	0.32	0.04	1	12.32	0.25	102	99
Hermiston	40	99	69	+7	137	+46	-	-0.14	-	7.28	-0.67	92	80
Madras <sup>8</sup>	30	90	65	+7	106	+52	0.45	0.24	1	5.92	-2.83	68	76
Moro	37	94	66	+9	111	+61	-	-0.17	-	10.51	0.67	107	78
Parkdale <sup>8</sup>	37	88	65	+6	104	+43	-	-0.20	-	33.66	4.28	115	98
Pendleton	42	98	69	+7	132	+50	-	-0.21	-	9.10	-1.49	86	84
Prairie City <sup>8</sup>	30	90	65	+7	106	+52	0.45	0.24	1	5.92	-2.83	68	76
The Dalles	43	93	71	+14	150	+97	-	-0.18	-	12.27	1.06	109	73
<b>SOUTH CENTRAL</b>													
Agency Lake <sup>8</sup>	36	85	65	+12	107	+78	0.06	-0.20	1	14.73	0.34	102	94
Bend	30	86	61	+8	81	+49	0.21	0.00	1	9.24	-0.62	94	66
Burns	26	90	60	+7	77	+45	-	-0.22	-	7.73	-0.43	95	76
Christmas Valley <sup>8</sup>	22	87	59	+2	70	+19	0.10	-0.18	1	4.82	-5.58	46	70
Klamath Falls	31	86	63	+7	91	+44	-	-0.21	-	9.00	-2.94	75	71
Klamath Falls <sup>8</sup>	31	86	64	+8	97	+50	-	-0.21	-	10.06	-1.60	86	89
Lakeview	30	84	60	+5	69	+31	0.01	-0.34	1	3.16	-10.56	23	45
Lorella <sup>8</sup>	25	87	61	+5	81	+34	0.01	-0.20	1	8.90	-3.04	75	83
Redmond	26	92	63	+9	95	+56	0.08	-0.13	1	4.18	-2.75	60	50
Worden <sup>8</sup>	26	85	61	+5	77	+30	-	-0.21	-	7.43	-4.51	62	89
<b>NORTHEAST</b>													
Baker City	30	92	60	+4	72	+27	-	-0.35	-	4.28	-3.84	53	74
Joseph	28	81	57	+7	66	+48	0.17	-0.32	1	12.13	-9.23	57	100
La Grande	34	91	63	+5	93	+37	-	-0.39	-	6.80	-7.85	46	66
Union	34	91	62	+7	87	+44	-	-0.42	-	8.12	-2.73	75	83
<b>SOUTHEAST</b>													
Ontario	40	99	69	+5	132	+34	-	-0.21	-	5.09	-3.32	61	63
Rome	29	95	65	+5	104	+37	-	-0.28	-	2.55	-4.01	39	55

<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.