

# OREGON CROP WEATHER



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

USDA, NASS, Oregon Field Office

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**Weather:** The warming trend continued last week with mild and dry conditions prevailing throughout much of the State. High temperatures ranged from 98 degrees in Ontario down to 62 degrees in Bandon. Low temperatures ranged from 49 degrees in Portland and Ontario, down to 30 degrees at the Redmond and Christmas Valley stations. The Pendleton weather station received the most precipitation with 0.13 total inches. Twenty-three out of the forty-two stations reporting received measurable precipitation with many reporting below average levels.

**Field Crops:** The latter part of last week brought gradual warming across most of the State, which allowed hay farmers to cut and bale. The recent warmer weather was much needed to help field crop development. Grass seed pollination was prevalent. Field corn was shooting up in Washington County. The mild temperatures have been good for wheat in north central Oregon, but more rain is needed. Harvest will be delayed, but that may prove beneficial for making grain.

**Vegetables:** Summer vegetable crops continued to benefit from the warmer temperatures. Sweet corn was showing good growth in Washington County, while some early peas were being picked in Jackson County. Persistent cool night time temperatures continued to slow vegetable crop development in Douglas

County. Snap beans were beginning to show improvement from previous weeks.

**Fruits and Nuts:** Strawberries continued to be picked throughout the Willamette Valley and became available in southern Oregon. Sweet cherry harvest was slow getting started in Wasco County. Picking will begin in lower elevations of the north Willamette Valley next week; higher elevations may not start until the beginning of July. Hazelnut growers will begin hanging pheromone traps for filbert worm next week. Blueberries were setting fruit. Grapes were starting to flower, two weeks late, in Douglas County. Fair weather prevailed during the week in Hood River County. Calm conditions mid-week provided opportunities for orchard spray applications. Summer orchard operations continued throughout the Hood River Valley.

**Nurseries and Greenhouses:** Greenhouses continued to be busy with vegetable starts and flowering plants. Nurseries remained busy with continued sales of potted shrubs and flowers reported.

**Livestock, Range and Pasture:** Livestock were doing well across the State. Dryland pasture was starting to brown up in some area, forcing producers to bring animals in or move to them higher pastures. It was good weather for ranch work.

**Soil Moisture-Week Ending 06/22/08**

	<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	9	31	57	3
Subsoil	7	30	58	5

**Crop Progress-Week Ending 06/22/08**

<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	70	64	97	35
Winter wheat headed	93	90	100	96
Spring wheat headed	82	71	91	74
Days suitable for fieldwork	6.6	6.2	6.8	6.5

**Crop Condition-Week Ending 06/22/08**

<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	6	16	53	21	4
Spring wheat	1	28	41	23	7
Barley	0	20	44	30	6
Corn	0	0	43	47	10
Range and pasture	2	9	29	49	11

## WESTERN OREGON

**BENTON/LINN/LANE:** With warmer temperatures throughout the week, many of the grass seed fields were pollinating. This indicates that harvest will be delayed by approximately two weeks from last year.

**CLACKAMAS:** Conditions were drier and somewhat warmer last week. Nights were still quite cool. There was still too much moisture in the air and too little sun to make good dry hay. Some strawberries were finally coming in; they were still a bit tart. Looks like spring may be here now that it is time for summer.

**COOS/CURRY:** Temperatures were well below the 5-year average for the week, but warmed the end of the week for a fair but overcast weekend. Hay production was active with the good weather and prospects for adequate drying conditions. Bandon (Coos & Northern Curry): The low temperature for the period was 39.06 degrees (mid-week), 10.01 degrees below the 5-year average. The high temperature for the period was 62.23 degrees, 4.5 degrees below the 5-year average. Precipitation for the period was 0.0 inches, compared to a 5-year (including drought years 2003-2004) average of 0.16 inches. Precipitation for Current weather year precipitation (began 10/07) stands at 50.58 inches, 4.52 inches below the 5 year average. Historical average precipitation through June is 57.48 inches.

**DOUGLAS:** Seasonal temperatures finally arrived for the start of summer. Many field crops and perennial crops were well behind normal developmental stages. Grapes were starting to flower about two weeks later than usual. Vegetable crops have been slow to develop with cool nights and days. Early season coolness has tree fruit crops about two weeks later than usual also. Pest problems so far this season have been minimal. We have seen insect cycles later than usual too. Our pheromone trapping of codling moth was 10 to 14 days late for the first generation. Cherry fruit fly, filbert worm, and others were also late since they are tied to heat units which we are lacking this year.

**JACKSON:** The weather has been really good for hay making. It appears that most alfalfa and grass hay first cuttings have been done; grain hay is now mostly all done. Grain crops were looking good. Apples and pears were looking good. Peaches that did not get frosted early in the season were sizing up nicely, vine grapes were also looking good. Early sweet corn plantings are now about knee-high. Some early peas were being picked. Home gardens were looking good. Plenty of watering and weeding was being done in vegetable fields and fruit orchards. Most greenhouses were getting out the last vegetable and flowering plants. Nurseries were busy with summer stock up, still some sales of potted shrubs and flowers. A lot of cattle were on good green pastures. Dry ground pastures showing brown as they begin to dry up. Some cattle were being prepared for moving to higher pastures. It was a good week for any and all ranch and farm work.

**JOSEPHINE:** Grass hay was being cut. The irrigation season has started and we are on our way to summer. Last week was dry with some lightening and thunder. We had fires locally that were controlled quickly and smoke is visible from the Trinity/Shasta fires. Truck gardens were busy and some were selling local strawberries. Snap peas were also available. The weather has been warmer and dryer. Grapes were looking better now that the weather is more stable and less humid. Blooms were doing real well and it looks like a bumper crop on table grapes. Night time temperatures were running closer to summer temperatures and that is helping the growth of those warm weather crops. Day time temperatures were too high for cold weather crops.

**MARION:** We've had very pleasant early summer weather this past week with low temperatures around 50 degrees and high temperatures in the 70's. It is nice to be getting away from the damp, cool weather. The weather we are having will help crops catch up with the season. Most crops were looking good, even though they are behind where they would normally be this time of year. The strawberry harvest seems to be well under way, and haying is going on. Snap beans were looking better, not as yellow as the previous week. Mint was looking good and smells like mint should. Otherwise we are mostly in growing season with harvest season not too far off. Grass seed pollination was evident last week with heavy clouds of pollen moving through fields. Hops were rapidly growing.

**POLK:** Temperatures were below normal and conditions were dryer than normal. Harvest of grass hay continued.

**TILLAMOOK:** Below normal temperatures with some moisture during the first part of the week and dryer by mid-week. The grass silage harvest continued.

**WASHINGTON:** The high was 78 degrees, the low was 40 degrees, with humidity ranging from 78 to 47 percent. Operators were irrigating spring wheat and grass for seed. It was great weather finally for hay. Field corn was shooting up with warmer weather and longer days, summer has begun. Clovers were growing rapidly. Strawberries were at perfection, blueberries were setting fruit, and grapes were setting and looking ok. Sweet corn was showing good growth, beans were doing well, and beets for seed were doing well. Many greenhouse vegetable starts were ready and going fast. All was well in pastures and health.

**YAMHILL:** The sweet cherry harvest will start next week in lower elevations, later than normal. The higher elevations may not start until the beginning of July. Hazelnut growers will begin hanging pheromone traps for filbert worm next week.

## EASTERN OREGON

**CROOK/DESCHUTES/JEFFERSON:** Bluegrass pollination was about seven days behind normal even though weather for pollination has been favorable.

**GILLIAM:** Isolated thunderstorms provided some moisture to parts of the County. Spring grains were still in need of additional moisture.

**HOOD RIVER:** Fair weather prevailed during the week. Calm conditions mid-week provided opportunities for orchard spray applications. Summer orchard operations continued throughout the Hood River Valley.

**KLAMATH:** Temperatures were warmer with thunder showers on Friday and Saturday. The first cutting of hay was well underway as well as some cultivation to row crops.

**LAKE:** Some producers were starting to swath their alfalfa hay; mainly in the north end of the County. Livestock water shortages on desert allotments were forcing some producers to come in early.

**MALHEUR:** Warmer temperatures, closer to normal, were welcomed. Farmers were busy cutting hay.

**MORROW:** The Heppner area received short rainfall on Saturday.

**SHERMAN:** Mildly warm temperatures have been nice. Avoiding the heat is good for the wheat. Harvest will be delayed about 10 to 14 days due to slow development & maturity of the crop. Again, that is okay as it is making more grain. We could still use a shot of rains to assist kernel fill. Dry spots were showing up stronger, making the crop appear thinner.

**UMATILLA:** Temperatures have increased to more optimal growing temperatures.

**WASCO:** Last week saw early summer temperatures with lots of wind. The early winter wheat fields were starting to change color in the northern areas. Spring barley and spring wheat were still green at end of the week. Summer fallow cultivation and fertilization continued through the week. The cherry harvest was slow getting started. The alfalfa hay harvest was active in all areas of the County on first cutting. Livestock were still doing well.

**Weather data for selected stations in Oregon, Week ending: June 22, 2008 (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	45	65	55	-3	36	-16	0.07	-0.47	1	60.28	-3.18	95	184
Bandon <sup>8</sup>	39	62	54	-4	27	-18	-	-0.31	-	52.41	-4.89	91	172
Crescent City	41	75	54	-3	31	-18	-	-0.25	-	44.19	-19.49	69	114
Florence	36	68	54	-5	31	-25	0.07	-0.44	1	84.50	10.64	114	158
North Bend	43	64	55	-4	36	-20	-	-0.33	-	57.80	-3.84	94	149
Tillamook	41	72	56	+0	45	+1	0.01	-0.69	1	56.75	-27.92	67	172
<b>WILLAMETTE VALLEY</b>													
Aurora <sup>8</sup>	44	85	63	+0	89	+2	-	-0.36	-	41.50	2.37	106	165
Corvallis	40	83	60	-3	69	-13	-	-0.27	-	42.26	1.16	103	151
Detroit Lake <sup>8</sup>	42	87	62	+4	85	+22	-	-0.47	-	89.10	24.13	137	177
Eugene	39	87	61	-3	76	-14	0.01	-0.29	1	34.54	-13.00	73	137
Hillsboro	41	82	60	-3	73	-14	-	-0.33	-	30.44	-5.26	85	137
McMinnville	41	84	60	-3	69	-17	-	-0.21	-	33.84	-7.95	81	148
Portland	49	87	65	+1	105	+4	-	-0.32	-	32.49	-1.83	95	154
Salem	42	85	62	-1	86	-1	-	-0.29	-	35.92	-1.68	96	134
<b>SW VALLEYS</b>													
Grants Pass	47	89	66	-2	117	-5	-	-0.10	-	28.00	-2.24	93	123
Medford	47	92	68	+1	129	+5	-	-0.14	-	16.34	-1.65	91	101
Roseburg	45	92	65	+1	104	+3	0.02	-0.15	1	31.86	0.32	101	139
<b>NORTH CENTRAL</b>													
Condon	37	87	62	+3	88	+12	0.09	-0.12	1	11.32	-1.39	89	99
Echo <sup>8</sup>	44	88	66	-3	111	-18	0.10	0.03	1	7.80	-0.47	94	98
Heppler	41	87	65	+1	105	+4	0.10	-0.10	1	13.74	1.01	108	116
Hermiston	41	92	67	-2	121	-8	0.10	0.03	1	7.61	-0.66	92	81
Madras <sup>8</sup>	37	84	61	-3	76	-13	0.05	-0.11	1	7.48	-1.82	80	94
Moro	37	89	63	+2	92	+4	0.03	-0.11	1	9.37	-0.87	92	86
Parkdale <sup>8</sup>	36	83	58	-6	55	-37	-	-0.14	-	21.97	-7.89	74	109
Pendleton	46	90	67	-2	117	-6	0.13	-0.01	1	10.89	-0.13	99	94
Prairie City <sup>8</sup>	37	84	61	-3	76	-13	0.05	-0.11	1	7.48	-1.82	80	94
The Dalles	46	89	66	+4	114	+26	-	-0.14	-	12.70	1.09	109	79
<b>SOUTH CENTRAL</b>													
Agency Lake <sup>8</sup>	39	78	59	+2	69	+7	-	-0.21	-	12.51	-2.49	83	92
Bend	38	81	60	+2	68	+6	-	-0.21	-	11.64	1.18	111	76
Burns	35	86	60	+2	74	+8	0.12	-0.09	2	8.76	0.00	100	98
Christmas Valley <sup>8</sup>	30	82	57	-7	49	-41	-	-0.21	-	7.16	-3.94	65	71
Klamath Falls	37	81	59	-4	67	-19	-	-0.14	-	9.38	-3.03	76	80
Klamath Falls <sup>8</sup>	37	82	60	-3	69	-17	0.01	-0.13	1	10.63	-1.78	86	105
Lakeview	-	-	-	-	-	-	-	-	-	-	-	-	-
Lorella <sup>8</sup>	36	83	59	-4	62	-24	0.06	-0.08	2	9.07	-3.34	73	106
Redmond	30	88	60	-2	70	-6	0.02	-0.12	1	1.85	-5.58	25	39
Worden <sup>8</sup>	35	80	58	-5	57	-29	-	-0.14	-	8.07	-4.34	65	99
<b>NORTHEAST</b>													
Baker City	36	88	61	-1	76	-7	0.07	-0.25	1	9.53	0.44	105	110
Joseph	38	83	59	+5	67	+24	0.12	-0.27	1	18.26	-4.33	81	124
La Grande	39	88	62	-2	86	-11	0.06	-0.27	2	13.97	-1.69	89	98
Union	40	86	63	+2	90	+10	0.11	-0.24	1	11.05	-0.92	92	97
<b>SOUTHEAST</b>													
Ontario	49	98	73	+4	162	+21	0.01	-0.13	1	5.90	-3.02	66	68
Rome	42	96	67	+2	123	+12	0.01	-0.20	1	7.00	-0.25	97	83

<sup>1</sup> Summary based on NWS data. Copyright 2008: 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, 2007.

<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.