

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Conditions remained relatively cool and mild in many areas of the State. High temperatures ranged from 80 degrees in Hermiston and Grants Pass to 59 degrees at the Crescent City weather station. Low temperatures ranged from 51 degrees in Portland to 34 degrees in Baker City. The La Grande weather station received the most precipitation with 2.50 inches followed by Baker City with 1.96 inches. All but 2 of the 43 stations received measurable precipitation with several reporting over an inch. Most central and northeastern stations reported higher than normal precipitation levels for the week, while all northern Willamette Valley and coastal cities experienced below average rainfall.

Field Crops: Grain and hay development continued to be behind last year due to the cool and wet weather. Still, grass seed fields looked good. Small grains in north central Oregon received some reprieve. Red clover was cut for silage in Marion and Washington counties. Grass for silage in Tillamook County was harvested. Some spring grains in Polk County showed signs of stress. Army worms in wheat fields have developed north of Pendleton.

Vegetables: Cool temperatures this past week in the Willamette Valley was not what growers were hoping for. Most vegetables were reported to be growing well, but they could definitely use more heat. Some sweet corn was up, rhubarb was being harvested, and beans were still being planted in Washington County. Truck gardens were going full tilt in Josephine County. Some cultivation on early corn in Jackson County was being done.

Fruits and Nuts: Early strawberries were becoming available in the northern Willamette Valley. Filbert orchards throughout the Willamette Valley were flailed and ready for a questionable crop. There is still the possibility of a delayed infection period for eastern filbert blight due to wet weather. While other fruit crops are expected to be down or unknown, apples look to be a sizable crop. Douglas County fruits were doing well but could use a bit more heat. Growers sprayed fungicides during dry periods. Unsettled conditions prevailed during the week in Hood River County. Summer orchard operations were underway in the lower Hood River Valley with hand thinning of summer pears and mowing. Significant fruit drop occurred on Anjou pears in the lower valley, likely in response to poor pollination conditions during bloom. Codling moth degree days reached 250 from biofix (May 3) on May 29 at Oregon State's Mid-Columbia Agricultural Research and Extension Center. Grapes in southern Oregon continued to do well with some grapes in bloom.

Nurseries and Greenhouses: Greenhouses were busy tending to new crops including flower and vegetable starts. Nurseries continued planting shrubs and trees. Sales were very active in many areas.

Livestock, Range and Pasture: Most areas reported improved pasture and range conditions with last week's rains. Pasture in Washington County was tall enough to hide calves in its growth. Livestock was doing well throughout the State.

Soil Moisture-Week Ending 06/01/08

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	4	33	60	3
Subsoil	10	21	63	6

Crop Progress-Week Ending 06/01/08

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	32	12	61	19
Winter wheat headed	55	27	76	68
Barley emerged	95	93	99	92
Days suitable for fieldwork	5.5	5.6	6.8	5.7

Crop Condition-Week Ending 06/01/08

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	10	35	30	22	3
Spring wheat	6	38	28	23	5
Barley	3	20	41	30	6
Range and pasture	4	17	25	41	13

WESTERN OREGON

BENTON/LINN/LANE: Crops were still two weeks slow. A few peach orchards had crop although it appears the crop is down over 80 percent. Despite what looks to be over a 70 percent crop reduction, there were some decent cherries around the County. Apples were sizing up and it looked like a huge crop still. Two weeks ago, there was a huge codling moth emergence but cool weather has slowed the emergence. There still exists the possibility of a delayed infection period for eastern filbert blight with this wet weather. Starting to see some blueberries and still finding a lot of mummyberry and, possibly, blueberry scorch virus. Vegetable crops in most areas were slow at going in. Most greenhouses continued to grow crops and sales continued to be brisk. Grass crops were looking good but recent rains and cooler weather was slowing maturity rates. In some areas, crops were starting to lay down due to heavy vegetation and moisture conditions. Pollination was in full swing on gulf ryegrass, fawn fescue, and Potomac orchardgrass. Winter wheat was heading nicely.

DOUGLAS: Last week was cool with a few days of drizzle. Fruit trees, grapes, and vegetables are all growing well but could use a little more heat. Some leaf diseases are becoming evident with fruit trees. Growers were spraying fungicides last week when dry periods allowed. All fruit crops and grapes were about 10 to 14 days behind normal development cycles. Insect trapping with pheromones have been showing insect emergence, such as codling moth, are also about 10 to 14 days behind more typical cycles.

JACKSON: There was good growing weather for field crops last week. It started cloudy and wet with some showers off and on most of the week. But when the sun did shine, it was quite warm. Hay was being cut, but the wet weather has slowed drying. Most will be usable if we get a few dry warm days. There was still some orchard spraying being done for mites as well as some moth control. Grapes were getting a good start and some were starting to blossom. It was good growing weather for vegetables, but a bit too damp for planting. Some cultivation on early corn for weed control was being done. Potatoes were starting to bush out. Early onions and sweet corn were looking good. Greenhouses were still getting out flower and vegetable starts. Nurseries were getting out shrubs and trees ready for planting. All livestock were looking quite good, with lots of good

green pastures to munch on. The wet weather has given pastures a good boost.

JOSEPHINE: Conditions were cool with one inch of rain one day and a trace of rain a couple of days later. This made for lovely working weather. The lowest night time temperature was 38 degrees while the highest day time temperature was 76 degrees. It was overcast most of week. Haying has not started in some areas yet. Truck gardens were going full tilt. Animals were looking good. No irrigation for fields was being done yet except where new systems were being tried out. Strawberries were coming on but they had a lot of water in them. Grapes were readying for bloom.

MARION: A week of cool weather. Rain and soil moisture are still in short supply. Crop development is catching up to normal. Some grasses starting to pollinate. Red clover seed fields are being mowed for silage.

POLK: Winter grain crops looked good. Some spring grain crops were showing signs of stress. Topsoil moisture was below normal. Some producers have been irrigating due to dry conditions and could use some rain. Grass seed fields looked good.

TILLAMOOK: Temperatures were cooler than normal which has slowed grass growth. Grass for silage was still being harvested.

WASHINGTON: The high temperature last week was 72 and the low was 41 with some light rain a couple of days. Humidity was 50 percent for the low to 77 percent for the high. Field corn planting continued while spring grains have all been planted. Red clover cutting for silage continued and crimson clover has been late in setting seed. Alfalfa was ready to cut and was in need of a sunny spell. Strawberries were being harvested and were being sold at fruit stands and farmers markets. Rhubarb was harvested. Filbert orchards were flailed and are ready for a questionable crop. Gravenstein apples have set and it appears it may be a good crop. Prunes were spotty and Asian pears appear to be less than normal. Some sweet corn was up, potatoes have emerged, and beans were being planted. Irrigation was ongoing. Hot caps were removed from new seedlings. Winter wheat was heading and flowering. Pasture has made it past animal consumption and now hides calves in growth. Buffalo calves were doing well.

EASTERN OREGON

BAKER/UNION: Lots of rain last week and some localized flooding. Foothill pastures greened up some.

GILLIAM: Continuing cloudy and cool weather has helped crops survive dry conditions.

HOOD RIVER: Unsettled conditions prevailed during the week. Summer orchard operations were underway in the lower Hood River Valley, with hand thinning of summer pears and mowing. Significant fruit drop occurred on Anjou pears in the lower valley, likely in response to poor pollination conditions during bloom. Codling moth degree days reached 250 from biofix (May 3) on 5/29 at Oregon State's Mid-Columbia Agricultural Research and Extension Center.

JEFFERSON: The continuing cool weather has been delaying Kentucky bluegrass heading and flowering. At this point, the delay does not seem to pose any major risks to the crop.

KLAMATH: Conditions were cool and wet last week. There were reports of hail in some portions of the County in the latter part of the week. Temperatures were warmer but were still below normal.

LAKE: The County received a large amount of precipitation during the week. As a result, pasture conditions improved dramatically.

MALHEUR: Scattered showers and cool weather prevailed the first part of the week. Depending on location, some showers were heavy enough to stop field work. Some hay was down and some was wet. All crops were behind normal.

SHERMAN: The County received much needed precipitation last week, which all came in the form of nice gentle showers, not frozen crop-killing forms. The warmer temperatures were also good for crop development. Fields that had turned blue to black in low spots were look fairly good. No recovery for the brown areas, though. Spring wheat and barley will have a chance now, but another shower or two will certainly be needed in a few weeks for it to produce. The spring seeded crops were pretty late emerging due to the cold and have a long way to go to maturity. Range was still poor as the rain was too late for much of the grasses. As a result, grass was short.

UMATILLA: Cool weather and precipitation persisted last week. This helped stressed crops, but the effects of the late precipitation cannot be determined as of yet. Issues with army worms have developed in wheat fields north of Pendleton. Also, farmers have been on guard watching for possible rust issues with the damp top soil and cool weather.

Weather data for selected stations in Oregon, Week ending: June 1, 2008 (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/Clatsop	42	60	53	-2	23	-8	-	-0.63	-	57.70	-4.00	94	176
Bandon ⁸	45	62	53	-1	25	-2	0.12	-0.38	2	51.76	-4.41	92	165
Crescent City	47	59	53	-2	26	-9	0.04	-0.48	1	43.68	-18.99	70	111
Florence	41	65	53	-3	26	-10	0.03	-0.71	1	81.37	9.29	113	150
North Bend	48	63	54	-2	32	-5	0.04	-0.49	3	56.55	-3.88	94	143
Tillamook	46	63	54	+1	33	+7	0.02	-0.89	2	53.97	-28.36	66	164
WILLAMETTE VALLEY													
Aurora ⁸	49	71	58	-1	55	+0	0.34	-0.15	4	40.63	2.71	107	157
Corvallis	43	68	57	-2	47	-5	-	-0.38	-	41.28	1.10	103	144
Detroit Lake ⁸	47	72	56	+3	45	+14	0.41	-0.25	5	84.00	20.65	133	168
Eugene	43	69	56	-3	46	-13	0.10	-0.32	3	33.95	-12.52	73	131
Hillsboro	46	69	57	-2	49	-6	0.02	-0.34	1	30.34	-4.33	88	132
McMinnville	45	69	57	-2	52	-6	0.06	-0.29	1	32.92	-8.10	80	141
Portland	51	71	58	-2	59	-10	0.08	-0.34	2	31.51	-1.71	95	147
Salem	46	70	57	-1	51	-2	0.04	-0.37	1	35.18	-1.43	96	129
SW VALLEYS													
Grants Pass	47	80	61	-2	81	-4	1.14	0.93	5	27.96	-1.88	94	121
Medford	47	78	61	-1	81	-1	0.89	0.68	3	16.26	-1.29	93	99
Roseburg	48	73	58	-3	57	-10	0.46	0.18	3	31.62	0.70	102	132
NORTH CENTRAL													
Condon	41	72	56	+2	43	+5	0.39	0.11	3	10.85	-1.09	91	94
Echo ⁸	46	79	64	+2	103	+14	0.20	0.06	2	7.30	-0.63	92	94
Heppner	46	77	61	+2	77	+15	0.80	0.52	6	12.80	0.77	106	109
Hermiston	44	80	65	+3	108	+19	0.05	-0.09	3	7.10	-0.83	90	75
Madras ⁸	39	72	55	-3	40	-12	0.95	0.74	6	7.27	-1.45	83	90
Moro	44	72	59	+3	62	+14	0.31	0.15	4	9.09	-0.72	93	81
Parkdale ⁸	39	70	56	-3	46	-14	0.43	0.23	4	21.24	-8.11	72	103
Pendleton	49	78	63	+2	90	+10	0.37	0.16	3	9.72	-0.84	92	87
Prairie City ⁸	39	72	55	-3	40	-12	0.95	0.74	6	7.27	-1.45	83	90
The Dalles	52	78	64	+7	100	+48	0.10	-0.09	2	12.55	1.36	112	78
SOUTH CENTRAL													
Agency Lake ⁸	41	66	51	-2	15	-12	0.94	0.67	4	12.43	-1.94	86	90
Bend	36	65	51	-3	12	-19	0.04	-0.17	3	11.63	1.80	118	75
Burns	39	69	54	+1	30	-1	0.84	0.61	4	8.42	0.29	104	94
Christmas Valley ⁸	37	68	51	-7	15	-34	1.92	1.64	7	7.03	-3.32	68	70
Klamath Falls	40	66	51	-6	15	-30	1.41	1.20	4	9.32	-2.59	78	79
Klamath Falls ⁸	40	67	51	-6	17	-28	1.39	1.18	5	9.96	-1.95	84	102
Lakeview	-	-	-	-	-	-	-	-	-	-	-	-	-
Lorella ⁸	39	67	52	-6	18	-27	1.74	1.53	6	8.94	-2.97	75	103
Redmond	37	70	55	+0	35	-2	0.14	-0.07	2	1.82	-5.08	26	37
Worden ⁸	38	67	51	-6	14	-31	0.97	0.76	4	8.07	-3.84	68	99
NORTHEAST													
Baker City	34	69	54	-3	29	-14	1.96	1.61	6	8.84	0.77	110	101
Joseph	41	68	52	+2	18	+1	1.86	1.37	7	17.41	-3.88	82	116
La Grande	45	72	59	+1	62	+8	2.50	2.12	6	12.23	-2.37	84	88
Union	42	73	58	+4	59	+18	0.98	0.56	3	9.24	-1.56	86	88
SOUTHEAST													
Ontario	48	79	64	+0	101	+5	0.18	-0.03	2	5.64	-2.74	67	64
Rome	42	74	57	-4	50	-15	0.23	-0.04	5	6.69	0.17	103	80

¹ Summary based on NWS data. Copyright 2008: 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, 2007.

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

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

⁸ Agri-Met weather stations.