

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: The weather was wet and cool across the state. High temperatures ranged from 54 degrees in Crescent City, up to 72 degrees in Detroit Lake, Grants Pass and Medford. High temperatures were generally in the mid 60's to low 70's. Low temperatures ranged from only 11 degrees in Christmas Valley, up to 40 degrees in Bandon. Temperatures were generally lowest in the south-central, northeast, and southeast regions. All stations reported precipitation except for Rome. Crescent City was the only station to report over an inch of accumulation, with 1.10 inches of moisture. Grants Pass came close with 0.95 inches. Wet fields hindered field work across the State. Douglas County reported some minimal frost damage to flowering fruit trees. Malheur County reported strong winds for two days, with gusts up to 50 mph. Washington County's dry fall prevented clover emergence. That, combined with untimely rains and a late frost, has resulted in a loss of approximately 30 percent of the clover crop.

Field Crops: The Willamette Valley had very wet soils this past week, hindering some small grain field work. Fall wheat was being fertilized and weed control was ongoing. Fields in Eastern Oregon were being prepared for small grain planting. Some sugarbeets in Malheur County were replanted due to strong winds last week. Growers in north central areas are excited about wheat prices nearing \$6.00 per bushel, as well as the strong barley prices. The high barley prices were encouraging an increase in spring planting.

Vegetables: Some early peas as well as early onions were being planted in Jackson County. Planting was almost complete for root

to seed carrots in Jefferson County, which encountered some winter kill on seed to seed carrots. Some replanting of onions will have to take place in Malheur County because of the strong winds they received last week. Rhubarb is growing in Washington County.

Fruits and Nuts: Cold mornings have hit flowering fruit trees with strong frosts. Early thoughts are that minimal damage has occurred, but growers will be watching closely for the impact to plums, peaches, apricots, prunes, and cherries. In Washington County, Asian pears were in bloom, grapes were still dormant, and filberts starting to leaf out. Some peaches and pears were in bloom in Jackson County.

Nurseries and Greenhouses: Nurseries and Greenhouses: Nurseries were digging plants, moving containers and loading trucks headed to the east coast. The trucks were being loaded with bare root plants, balled and burlaped plants, and containers. Local greenhouses were shipping plant material to local retail outlets, which are starting to see heavy demand for spring plants.

Livestock, Range and Pasture: Pastures were showing some good initial growth. Once warmer temperatures arrive, grass should really take off in western Oregon. Much of the range land in eastern Oregon continued to be very dry. Spring rain is needed in these areas to continue to establish growth. Livestock were being turned out into spring pastures as supplemental feeding continued in many areas. Calving continued and was proceeding well in most areas. Livestock were reported in good condition throughout the State.

Soil Moisture-Week Ending 04/01/07

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	3	52	45
Subsoil	0	8	57	35

Crop Progress-Week Ending 04/01/07

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley planted	25	-	30	40
Barley emerged	14	-	11	18
Spring wheat planted	43	-	32	49
Spring wheat emerged	17	-	11	16
Days suitable for fieldwork	3.1	-	-	-

Crop Condition-Week Ending 04/01/07

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	0	1	44	54	1
Barley	0	0	21	79	0
Range and pasture	2	22	23	44	9

WESTERN OREGON

CLACKAMAS: March roared then went out like a lamb. Sun and showers this week. Very hard rain Saturday late afternoon. Then sunshine until evening.

COLUMBIA: Field work was only possible on very well-drained soils.

COOS/CURRY: Temperatures were near the 5-year average for the week. Some rain throughout the week with the heaviest early with over an inch in Curry on Monday. Pastures are starting to grow as daytime temperatures increase and days get longer. Bandon (Coos & Northern Curry): Low temperature for the period was 40.05 degrees, 2.51 degrees above the 5-year average. High temperature for the period was 66.55 degrees, 2.38 degrees above the 5-year average. Precipitation for the period was 0.87 inches, compared to a 5-year (including drought years 2002-2004) average of 1.20 inches. Precipitation for Current weather year precipitation stands at 49.38 inches, 3.89 inches above the 5 year average. Historical average precipitation through March is 47.99 inches. Brookings (Southern Curry) Low temperature for the period was 38.27 degrees, 1.43 degrees below the 5-year average. High temperature for the period was 64.02 degrees, 3.01 degrees below the 5-year average. Precipitation for the period was 1.87 inches compared to a 5-year average (including drought years 2002-2004) of 2.46 inches. Current weather year precipitation stands at 66.39 inches, 0.40 inches above the 5 year average. Historical average precipitation through March is 58.82 inches.

DOUGLAS: A couple of cold mornings hit flowering fruit trees with strong frosts. Early thoughts are that minimal damage has occurred, but we will need to watch closely for the impact to plums, peaches, apricots, prunes, and cherries.

JACKSON: More grain crops were being planted this week, but soil is still a bit too wet. Hay crops are off to a good start, but could use a bit more sun. Peaches and some pears are in bloom. Some frost protection used, as several nights were at or below freezing. Some spraying being done, but weather has been a bit too wet. Some early peas planted, as well as early onions. Soil still a bit too wet and cold. Greenhouses are very busy getting out lots

of early decorative plants. Some plants, cabbage, and other hardy plants. Plenty of cattle are now out on valley pastures. Some are still getting supplemental hay feeding. Pasture grass is off to a good start, but needs a bit more sun to boost the protein. Ranchers are busy giving cattle shots and getting them into pastures.

LANE: Some cattle have been turned out onto spring pastures with adequate grass and some are still supplementing with hay.

MARION: There was intermittent sun and clouds with showers this week. Spring fertilizing for grass seed crops is almost finished. Spring grains continue to be planted. Judging by the spring flowers, this spring season is ahead of the last few for this time of year. During the past week, soil conditions went from too wet on Sunday and Monday to be on the fields, to just about right for tillage by the end of the week. We had several nice days in the Willamette Valley during this past week. Overall, weather has been pretty normal and nice and crops are looking good.

POLK: Some areas experienced a light frost on a couple of days this past week. However it has been unseasonably dry.

WASHINGTON: A dry fall resulting in clovers not emerging. Then untimely rains, and late frost, resulted in clover losses at approximately 30%. Producers were also unable to apply fertilizer and slug bait in time. Fall wheat is being fertilized and weed control is being applied. Alfalfa and clover are both showing good growth. Grass for seed is growing rapidly with fertilization. Spot spraying for weeds ongoing. Asian pears are in bloom, and other fruits are budding. Grapes still are dormant. Filberts are starting to leaf out. Rhubarb is growing. Balled and burlap trees and shrubs are being transported. Potted plants are being rotated to new fields. Cows and calves are looking good. High temperature recorded at 64 degrees, low at 28 degrees. Humidity high was 68 percent, low was 52 percent. Our total rainfall this past week was 0.4 inches.

YAMHILL: Two nights of frost this week. Rain early in the week and late in the week. Quite of bit of field work being done.

EASTERN OREGON

BAKER/UMATILLA: Weather has been dry and warm for most of the week. Baker has had a trace a precipitation. Fields are being worked and prepared for planting.

GILLIAM: Cold nights in the 20's have kept soil temperatures low. Crops have greened up some, but there hasn't been enough heat units for it take off. Freezing night time temperatures may slow spring wheat germination.

HARNEY: Calving is proceeding well. Branding and preparation for turn-out is also well underway.

HOOD RIVER: Unsettled conditions prevailed during the past week. Temperatures in the low 30s and high 20s required frost protection on two nights early and mid-week. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear at full white (WSU stage 4); Red Delicious apple at tight cluster (WSU stage 4); Bing cherry at open cluster (WSU stage 5); Pinot noir grapes at Eichhorn-Lorenz stages 1 & 2.

JEFFERSON: Some winter kill on seed to seed carrots caused by heaving. Planting is almost complete for root to seed carrots.

KLAMATH: Cooler temperatures were recorded during the week. Spring prep work continues. Alfalfa fields are being harrowed.

LAKE: Cooler temperatures for the majority of the week. We received some precipitation at the beginning of the week.

MALHEUR: There were threats of rain all last week but no measurable precipitation fell. Spring planting of all crops is progressing ahead of schedule. Some replant of sugarbeets and onions will have to occur because of the strong winds last week. Last week we had wind gusts up to 50 mph., very windy for 2 days. Field preparation and some planting continued. Temperatures have returned to historical averages. However, we need rain! Range is very dry.

SHERMAN: March came in like a lamb and is going out like a lamb, just a little fatter. A warm dry March encouraged wheat growth with a few top-off showers towards the end of month that gave the crop a drink of water. Growers are excited about wheat prices approaching \$6.00, and continued strong barley prices are leading to increased spring planting. More spring seeding is being done as direct seed. A dry month does have some stockmen hauling water already.

WALLOWA: Some moisture received this week but nothing that made any significant difference in conditions. Unless April bails us out, we might be in trouble this year.

WASCO: Sweet cherry trees are just beginning to bloom in Wasco County. We've had a few frosty nights, but no reported damage to date except in a couple of cherry blocks in the South county area.

Weather data for selected stations in Oregon, Week ending: April 1, 2007 (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	34	63	45	-2	-	-7	0.24	-1.16	2	62.99	8.90	116	125
Bandon ⁸	40	67	51	+3	11	+4	0.87	-0.59	6	50.15	1.05	102	120
Crescent City	39	54	47	-3	-	-15	1.10	-0.59	3	51.34	-3.87	93	91
Florence	31	63	45	-4	-	-7	0.56	-1.24	4	75.36	12.37	120	109
Tillamook	31	66	48	+3	7	+0	0.31	-1.68	3	-	-	-	-
WILLAMETTE VALLEY													
Aurora ⁸	30	69	47	+0	5	-2	0.28	-0.53	5	36.65	3.73	111	113
Corvallis	31	66	46	-2	4	-3	0.21	-0.64	4	41.55	5.87	116	110
Detroit Lake ⁸	30	72	44	+4	2	+2	0.77	-0.62	6	77.30	21.65	139	126
Eugene	29	69	46	-4	7	-4	0.28	-0.79	4	34.27	-6.95	83	97
Hillsboro	28	69	47	-1	4	-3	0.28	-0.48	3	30.26	-0.64	98	105
McMinnville	30	67	47	+0	7	+0	0.10	-0.81	3	31.56	-5.07	86	107
Portland	32	69	49	-1	10	+0	0.30	-0.40	3	29.04	0.29	101	110
Salem	29	66	47	+0	5	-2	0.44	-0.34	3	35.32	3.02	109	98
SW VALLEYS													
Grants Pass	30	72	48	-3	11	-7	0.95	0.31	3	26.16	-0.74	97	75
Medford	29	72	49	+0	16	+2	0.09	-0.26	2	15.28	-0.11	99	73
Roseburg	30	71	48	-1	9	-5	0.47	-0.25	2	26.73	-0.48	98	88
NORTH CENTRAL													
Condon	24	68	42	+0	2	+2	0.28	0.00	4	9.66	0.17	102	75
Echo ⁸	27	71	46	-2	5	-6	0.23	0.08	2	6.84	0.28	104	73
Heppner	26	67	43	-3	1	-6	0.44	0.09	3	9.47	0.21	102	83
Hermiston	26	71	47	-2	6	-5	0.27	0.12	2	6.17	-0.39	94	69
John Day	19	66	40	-3	-	-7	0.22	-0.06	3	6.26	-1.51	81	78
Madras ⁸	22	65	41	-4	-	-7	0.18	0.03	3	4.52	-2.69	63	59
Moro	27	64	41	-3	-	-3	0.25	0.04	2	9.24	1.01	112	64
Parkdale ⁸	26	65	42	-5	-	-7	0.24	-0.29	2	31.76	4.98	119	81
Pendleton	30	66	45	-3	2	-6	0.28	0.06	4	7.79	-0.72	92	71
The Dalles	29	71	48	+4	5	-2	0.15	-0.09	1	11.55	1.85	119	64
SOUTH CENTRAL													
Agency Lake ⁸	27	61	42	+4	-	+0	0.03	-0.29	1	12.91	0.50	104	80
Bend	19	65	39	-2	-	-2	0.04	-0.15	2	8.06	-0.36	96	56
Burns	18	69	40	+2	-	+0	0.25	0.04	2	6.16	-0.31	95	63
Christmas Valley ⁸	11	68	37	-5	-	-7	0.02	-0.19	1	3.27	-5.36	38	54
Klamath Falls	21	67	40	-1	-	-3	0.11	-0.14	2	8.10	-2.18	79	57
Klamath Falls ⁸	21	67	40	-1	-	-3	0.10	-0.15	3	9.09	-0.91	91	72
Lakeview	21	66	42	+4	-	-1	0.10	-0.19	2	2.81	-8.16	26	36
Lorella ⁸	21	67	41	+1	-	-3	0.34	0.09	2	7.94	-2.34	77	69
Redmond	14	68	38	-4	-	-7	0.08	-0.06	2	3.70	-1.87	66	44
Worden ⁸	24	66	41	+1	-	-3	0.10	-0.15	2	6.78	-3.50	66	75
NORTHEAST													
Baker City	17	64	40	-3	-	-3	0.16	-0.05	2	3.35	-2.57	57	61
Joseph	24	63	38	+2	-	+0	0.51	0.08	3	9.51	-7.89	55	79
La Grande	25	66	42	-1	-	-7	0.40	0.05	2	5.22	-6.27	45	54
Prairie City ⁸	19	66	40	+6	-	+0	0.22	-0.20	3	8.90	-5.88	60	79
Union	25	65	42	-1	-	-7	0.76	0.48	3	6.80	-1.03	87	66
SOUTHEAST													
Ontario	27	71	48	+3	5	-5	0.09	-0.06	1	4.10	-2.89	59	52
Rome	16	71	44	+2	-	-3	-	-0.19	-	1.80	-2.96	38	45

¹ Summary based on NWS data. Copyright 2007: 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, 2006.

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.