

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

Released: April 16, 2007
Week ending: April 15, 2007
Volume: 03-07

Phone: 503-326-2131
Toll Free: 1-800-338-2157
Email: nass-or@nass.usda.gov
Internet: www.nass.usda.gov/or

Weather: The weather was cool and wet this past week. High temperatures ranged from 55 degrees at the Astoria/Clatsop station, up to 71 degrees in Roseburg. Medford and Redmond were the only other stations to reach 70 degrees. Low temperatures ranged from 15 degrees in Baker City and Rome, up to 39 degrees in Bandon, Crescent City, Tillamook, and Portland. Precipitation was reported at all stations, though accumulation was limited on the eastern side of the State. The largest accumulation was reported at Crescent City, with 2.16 inches. Rome reported the smallest accumulation, with 0.04 inches.

Field Crops: Field preparation and planting continued as weather permitted in some areas of the State. Moisture received so far in north central areas has aided crop development, but it's being depleted rapidly and more is needed. Wheat and barley continued in mostly good conditions this past week. Barley has progressed to 80 percent planted, while spring wheat progressed to 83 percent planted, both ahead of last year and the five year average. Barley emergence has progressed to 60 percent this past week, ahead of last year and the five year average. Spring wheat emergence progressed to 47 percent, also ahead of last year and the five year average.

Vegetables: Early planted vegetables were off to a fair start, but they are also going to need a bit more sun. Recorded frosts around the State has delayed the planting of some vegetables, and will continue until the perceived threat diminishes. Greenhouse vegetables continue to be sold at farmers markets.

Fruits and Nuts: Hazelnut growers applied eastern filbert blight controls in the Willamette Valley. Reports of freezing weather and forecasted rains ahead will result in cherry and prune bloom loss for the 2007 crop. Cherry growers applied brown rot blossom blight controls. Apple scab and powdery mildew sprays were being applied. Bee hives were placed in blueberry fields; bloom has begun for some varieties. Acreage planted

for wine grapes in Polk County this spring was more than double the acreage planted last year. Douglas County fruit tree pollination has been going well as sunny weather breaks during spring have been sufficient for bees to work. Pears, plums, prunes, peaches, and apricots seem to have set well. Apples are still blooming but could use a little warmer weather. Southern Oregon peaches were about done with bloom. Pears were in full bloom and apple bloom was getting started. Some spraying for moth and mildew was taking place. Hood River County experienced predominately cool weather with showers and hail. Clear skies and cold temperatures required frost protection on two nights. There were a few brief windows with temperatures warm enough where bee flight occurred. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear past full bloom (WSU stage 7); Red Delicious apple at first bloom (WSU stage 7); Bing cherry at full bloom (WSU stage 8); Pinot noir grapes at wool stage (Eichhorn-Lorenz stage 3). In Sherman County, down on the river in Rufus, apricot trees have been in bloom for two weeks and cherries have recently come into bloom.

Nurseries and Greenhouses: Nurseries remained busy digging plants, moving containers, and loading trucks. New nursery crops were under plastic covers, while potted plants were being rotated to new locations. Nurseries were very active with the start of spring tree sales and were working to get new shrub starts planted. Greenhouses were also still very busy getting flowering and vegetable starts out for sale.

Livestock, Range and Pasture: Pastures continued to turn green but more sunshine and warmer weather were still needed to really jump start growth. Many pastures in western Oregon continued to be wet with standing water in some bottom land areas. Pastures and rangeland in eastern Oregon continued to grow but more spring rain will be needed for grass to get firmly established. Producers continued working herds and turning out livestock. Supplemental feeding continued in many areas. Livestock were reported in good condition throughout the State.

Soil Moisture-Week Ending 04/15/07

	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	1	6	72	21
Subsoil	2	9	75	14

Crop Progress-Week Ending 04/15/07

Crop	This week	Last week	Last year	5 year average
	Percent	Percent	Percent	Percent
Barley planted	80	60	50	67
Barley emerged	60	47	26	39
Spring wheat planted	83	72	58	78
Spring wheat emerged	47	33	27	45
Days suitable for fieldwork	4.7	6.2	3.3	5.0

Crop Condition-Week Ending 04/15/07

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Winter wheat	0	0	7	86	7
Barley	0	0	5	89	6
Range and pasture	0	2	36	48	14

WESTERN OREGON

COOS/CURRY: Temperatures were below the 5-year average for the week. Some precipitation received throughout the week, with the heaviest on Wednesday and Friday. Pastures are starting to grow as daytime temperatures increase and days get longer, but many are still wet with standing water in some bottom land pastures. Bandon (Coos & Northern Curry): Low temperature for the period was 38.75 degrees, 1.32 degrees below the 5-year average. High temperature for the period was 60.66 degrees, 5.11 degrees below the 5-year average. Precipitation for the period was 1.03 inches, compared to a 5-year (including drought years 2002-2004) average of 1.99 inches. Precipitation for current weather year precipitation stands at 50.88 inches, 2.43 inches above the 5 year average. Historical average precipitation through April is 52.85 inches. Brookings (Southern Curry) Low temperature for the period was 40.89 degrees, 0.49 degrees below the 5-year average. High temperature for the period was 61.14 degrees, 2.87 degrees below the 5-year average. Precipitation for the period was 1.99 inches compared to a 5-year average (including drought years 2002-2004) of 2.55 inches. Current weather year precipitation stands at 69.58 inches, 0.91 inches above the 5 year average. Historical average precipitation through April is 64.54 inches.

DOUGLAS: Pollination of fruit tree crops is going well as sunny weather breaks during spring have been sufficient for the bees to work. Bees in our local area also seem to be doing pretty well. No significant hive losses hitting us yet. Pears, plums, peaches, apricots, and prunes seem to have set well. Apples are still blooming but could use a little warmer weather. Nursery field crops are doing well.

JACKSON: Grain and hay crops are both doing well, but do need a bit more sun. Peaches are about done with bloom, pears are in full bloom, and apples are getting started. Some spraying for moth and mildew is taking place. It looks like a reasonable set coming

out of bloom. Early vegetables that are planted are off to a fair start, but they also now need a bit more sun. There is still a lot of early planting being done as weather permits. Greenhouses are really busy getting flowering and vegetable starts out. Nurseries are also very busy with spring sales and working to get new starts planted. Lots of cattle are being given shots and marked in order to get them out to pastures. Valley pastures are in good condition, but pastures also need a bit more sun. This week has seen a cool down with clouds and lots of showers. It was cold enough to require orchard protecting from frosts.

POLK: Some heavy rain showers occurred this last week. Temperatures were in the mid-50's with breezy conditions. Geese have caused significant damage on grass seed fields adjacent to wildlife refuges and wetland areas. The acreage planted for wine grapes this spring was more than double the acreage planted last year.

WASHINGTON: Reports of freezing weather last week and forecasted rains ahead will affect cherry and prune bloom for the 2007 crop. Spot spraying continues in grass for seed and the grass is growing well. Bee hives are placed in. Blueberry field-bloom has started for some varieties, and crab apples and pears are in bloom. New nursery crops are under plastic covers, while potted plants are being rotated to new locations. Cows and calves are on supplemental feed, while pastures remain wet. High temperature of 64 degrees, with a low of 32 degrees. Frost was reported and 1.2 inches of rain fell.

YAMHILL: Hazelnut growers are applying eastern filbert blight controls. Cherry growers are applying brown rot blossom blight controls. There have been some cold weather injuries on sweet cherries. Apple scab and powdery mildew sprays are being applied.

EASTERN OREGON

GILLIAM: Rain showers received in the latter part of week have slowed the completion of spring seeding.

HOOD RIVER: The past week included predominately cool weather with showers and hail. Clear skies and cold temperatures required frost protection on two nights. A few brief windows with temperatures warm enough for bee flight occurred. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear past full bloom (WSU stage 7); Red Delicious apple at first bloom (WSU stage 7); Bing cherry at full bloom (WSU stage 8); Pinot noir grapes at wool stage (Eichhorn-Lorenz stage 3).

KLAMATH: Cooler temperatures during the past week with rain, sleet, snow, hail and even some sunshine. Spring irrigation has begun but has been halted due to the wet cool weather. Crops continue to look good.

MALHEUR: Field preparation and planting continues. Busy getting water started. Weather a little cooler than normal with lows at frost or near frost and highs at 50 degrees to 60 degrees. Also some wind, but no significant rain.

MORROW: Winter wheat crop in Morrow County looks good, better than it has in six years or so. However, stored water in the soil profile is being depleted by the growing crop. Timely spring rains are needed.

SHERMAN: Spring tillage is in full swing and cooler and cloudy weather has hampered progress. Down on the river in Rufus, apricot trees have been in bloom for two weeks and cherry trees have bloomed recently. Pastures are green, but the growth needed just hasn't taken off yet.

WALLOWA: Some moisture received this week has helped but more is needed and more is coming.

Weather data for selected stations in Oregon, Week ending: April 15, 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	38	55	48	+0	-	-7	0.78	-0.35	6	64.30	7.82	114	135
Bandon ⁸	39	61	50	+3	8	+1	1.03	-0.04	7	51.65	0.23	100	129
Crescent City	39	56	49	-1	3	-18	2.16	1.04	5	53.94	-3.78	93	97
Florence	33	59	47	-2	-	-11	1.97	0.67	6	77.79	11.98	118	118
North Bend	37	61	49	+0	2	-12	1.38	0.24	5	56.14	0.72	101	109
Tillamook	39	63	49	+3	2	-5	1.79	0.32	5	49.35	-25.66	66	130
WILLAMETTE VALLEY													
Aurora ⁸	37	65	49	+1	1	-13	0.45	-0.21	6	38.18	3.87	111	121
Corvallis	33	65	48	-1	1	-13	0.75	0.14	5	42.83	5.81	116	117
Detroit Lake ⁸	35	65	45	+3	-	-7	1.46	0.40	7	79.89	21.97	138	135
Eugene	35	68	49	-2	4	-14	1.32	0.56	6	35.78	-7.09	83	104
Hillsboro	32	62	49	+0	4	-10	0.54	0.02	6	31.47	-0.57	98	113
McMinnville	34	64	49	+0	4	-10	0.94	0.34	5	32.90	-5.08	87	115
Portland	39	62	50	+0	7	-12	0.64	0.07	6	30.29	0.34	101	120
Salem	35	66	50	+2	7	-7	0.97	0.39	5	36.65	3.10	109	105
SW VALLEYS													
Grants Pass	32	69	49	-4	11	-18	0.96	0.52	5	27.25	-0.62	98	82
Medford	32	70	49	-2	6	-18	0.64	0.36	5	15.97	-0.01	100	79
Roseburg	38	71	51	+0	10	-15	1.16	0.61	5	28.13	-0.25	99	94
NORTH CENTRAL													
Condon	30	66	45	+1	5	-2	1.22	0.93	6	11.30	1.24	112	82
Echo ⁸	28	67	49	-2	4	-19	0.30	0.13	4	7.17	0.23	103	78
Heppler	31	68	46	-2	9	-5	0.72	0.44	5	10.40	0.51	105	89
Hermiston	28	69	51	+0	10	-13	0.32	0.15	4	6.54	-0.40	94	74
Madras ⁸	26	66	42	-5	-	-14	0.28	0.11	3	5.15	-2.44	68	66
Moro	28	67	45	-2	4	-3	0.55	0.34	4	9.94	1.29	115	69
Parkdale ⁸	23	60	43	-7	-	-16	0.85	0.44	4	32.93	5.28	119	88
Pendleton	29	69	48	-3	1	-19	0.39	0.12	4	8.23	-0.83	91	76
Prairie City ⁸	26	66	42	-5	-	-14	0.28	0.11	3	5.15	-2.44	68	66
The Dalles	33	63	50	+4	9	-5	0.35	0.14	5	11.90	1.78	118	69
SOUTH CENTRAL													
Agency Lake ⁸	28	60	41	-1	-	-7	0.26	0.05	3	13.23	0.36	103	84
Bend	24	68	41	-2	-	-7	0.19	0.05	3	8.34	-0.36	96	60
Burns	19	56	39	-3	-	-7	0.52	0.38	5	6.91	0.13	102	69
Christmas Valley ⁸	19	63	38	-7	-	-14	0.60	0.46	3	4.08	-4.88	46	59
Klamath Falls	22	64	40	-4	-	-7	0.41	0.21	4	8.55	-2.14	80	62
Klamath Falls ⁸	22	63	40	-5	-	-7	0.33	0.13	3	9.61	-0.80	92	77
Lakeview	19	57	38	-5	-	-7	0.15	-0.13	4	2.97	-8.57	26	41
Lorella ⁸	20	63	39	-5	-	-7	0.26	0.06	3	8.30	-2.39	78	74
Redmond	19	70	41	-3	-	-7	0.19	0.05	2	4.03	-1.82	69	47
Worden ⁸	23	64	40	-5	-	-7	0.28	0.08	4	7.13	-3.56	67	82
NORTHEAST													
Baker City	15	63	41	-5	-	-7	0.15	-0.01	2	3.67	-2.59	59	65
Joseph	23	58	40	+1	-	-7	0.42	0.00	3	10.03	-8.21	55	83
La Grande	21	64	44	-2	-	-14	0.20	-0.15	3	5.48	-6.71	45	58
Union	23	65	45	-1	4	-7	0.16	-0.12	2	7.08	-1.31	84	69
SOUTHEAST													
Ontario	23	65	48	-3	7	-18	0.09	-0.05	2	4.41	-2.88	60	56
Rome	15	64	42	-5	-	-13	0.04	-0.10	2	2.05	-3.04	40	50

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.