

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

Released: April 8, 2013
Week ending: April 7, 2013
Volume: 02-13

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

Weather: Oregon weather was warm and wet, as most stations reported high temperatures in the mid 50's to mid 70's and above average precipitation. All stations reported above normal temperatures. Echo had the highest recorded temperature, at 76 degrees. Most stations in central and eastern Oregon reported low temperatures below freezing, while no western Oregon weather stations reported freezing temperatures. Christmas Valley experienced the lowest temperature with a reading of 22 degrees. Detroit Lake received the most precipitation at 4.75 inches, above its normal precipitation for this time of the year.

Field Crops: Spring seeding has progressed nicely in north central Oregon. Got a bit of rain Thursday afternoon, but it was drying out quickly. Southern Oregon also got some much needed rain during the week. Storms on Sunday brought nearly an inch of rain in Klamath County. Some winter wheat was emerging and looked good. Willamette Valley had selected weed spraying in clover, some weed control in winter wheat, alfalfa showing growth, fertilizing grass for seed.

Fruits and Nuts: In Douglas County, mild temperatures continued to warm soils and push plant development in orchard, vineyard, and berry crops. Plum crops were at petal fall, peaches and pears were still in full bloom, apples were at pink stage, most blueberry varieties were at full bloom, and raspberries have 3-4 inch new shoots. Wine grapes have had

bud break and many varieties have 2 inches of new shoot growth. In Willamette Valley, hazelnuts were leafing. Pears were near full bloom. Early apples were pushing pink. Some peaches, cherries, and plums were blooming; some petal fall. All berries were leafing. Grapes ready to bud. The Hood River week started warm and dry and ended with cool and wet conditions. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear at full bloom (WSU stage 7); Red Delicious apple at first pink to full pink (WSU stages 5 and 6); Bing cherry nearing full bloom (WSU stage 8); Pinot noir grape at BBCH stage 3. Hail in Umatilla over the weekend may have affected fruit crops, as cherries were in bloom.

Nurseries and Greenhouses: Nurseries have finished their field digging of bare root plants and now were potting plants that were not sold bare root. Cultivars under low hoop cover, cleaning and burning culled shrubs, irrigation started on nursery stock.

Livestock, Range and Pasture: Eastern Oregon still trying to get released from winter's grasp. Days were warming up and grass was beginning to grow but could use rain on lower elevation, non-irrigated rangelands. A few livestock producers starting to turn out. Willamette Valley pastures greening up but have little carrying capacity.

Soil Moisture - Week Ending 04/07/13

	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	0	29	60	11
Subsoil	0	29	64	7

Crop Progress - Week Ending 04/07/13

Crop	This week	Last week	Last year	5 year average
	Percent	Percent	Percent	Percent
Barley planted	33	15	58	60
Barley emerged	8	3	25	34
Spring wheat planted	48	28	51	56
Spring wheat emerged	33	9	22	23
Days suitable for fieldwork	4.7	5.1	4.7	3.7

Crop Condition - Week Ending 04/07/13

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Winter wheat	0	0	33	62	5
Range and pasture	0	20	29	48	3

Western Oregon

COLUMBIA: A lot of field work got done early in the warmer weather that recently ended. Farm community was optimistic.

DOUGLAS: Light rain fell around slowing fieldwork. However, mild temperatures continued to warm soils and push plant development in orchard, vineyard, and berry crops. Plum crops were at petal fall, peaches and pears were still in full bloom, apples were at pink stage, most blueberry varieties were at full bloom, and raspberries have 3-4 inch new shoots. Wine grapes have had bud break and many varieties have 2 inches of new shoot growth. Nurseries have finished their field digging of bare root plants and now were potting plants that were not sold bare root.

JOSEPHINE: Temperatures overnight 40-50 daytime 38-67! Precipitation for the week was 6 inches of mostly rain but some snow-rain mix. Spring is beautiful this year. Flowering shrubs were heavy with flower. Bulbs were blooming. Ground too cold to plant yet. Getting work done as weather allows. Ground too wet to work. Spring is here.

LANE: Hazelnuts leafing. Protect new foliage from Eastern Filbert Blight. Pears were near full bloom. Early apples were pushing pink. Some peaches, cherries, and plums were blooming; some petal fall. All berries were leafing. Weather seems to be about 2 weeks ahead of normal but almost 2 months ahead of the last three years. Some soil was drying out quite quickly for April. Gear up for a very heavy Spotted Wing Drosophila year in berries, as everything is earlier this year so far. Rain has been during cold periods so less scab pressure.

WASHINGTON: Selected weed spraying in clover, some weed control in winter wheat, alfalfa showing growth, fertilizing grass for seed. New planted filbert orchards showing leaves. Strawberries leafing well, caneberries leafing, grapes ready to bud. Some soil prepared, too cold and wet to plant. Cultivars under low hoop cover, cleaning and burning culled shrubs, irrigation started on nursery stock. Pastures greening up but have little carrying capacity. Unusual dry and warm weather deteriorated to cool and wet. High temperature 64 degrees, low 45 degrees, 2.25 inches rainfall.

Eastern Oregon

HOOD RIVER: The week started warm and dry and ended with cool and wet conditions. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear at full bloom (WSU stage 7); Red Delicious apple at first pink to full pink (WSU stages 5 and 6); Bing cherry nearing full bloom (WSU stage 8); Pinot noir grape at BBCH stage 3.

KLAMATH: Some much needed rain during the week. Storms on Sunday brought nearly an inch of rain. Spring field work continued. Some winter wheat is emerging and looking good.

LAKE: County was at 87 percent of normal for precipitation since the start of the water year. Some precipitation in the form of rain and snow during the latter part of the week.

SHERMAN/WASCO: Wind stayed down until Thursday allowing a lot of spraying to get done. Spring seeding has progressed nicely. Got a bit of rain Thursday afternoon, but it was drying out quickly

UMATILLA: Additional rains helped soil moisture. Hail over the weekend may have affected fruit crops, as cherries were in bloom.

UNION/BAKER: Still trying to get released from winter's grasp. Days were warming up and grass was beginning to grow but could use rain on low elevation, non-irrigated rangelands. Lots of moisture Friday and Saturday. A few livestock producers starting to turn out. Weather over the last 7-10 days has been unusually warm and dry allowing much field work to take place during the late March to early April time frame. Limited precipitation was expected during the last few days of this reporting week. Overall, the weather since last October has been dry leading into early spring conditions that were unusually dry at this point. Spring rain is very much needed.

WASCO COUNTY: Some freeze damage in low spots occurred in the cherry acreage during the weekend of Mar 22nd. Very localized damage occurred.

Weather data for selected stations in Oregon, Week ending: April 7, 2013 (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	41	62	51	5	10	3	3.68	2.40	5	64.96	9.52	117	142
Bandon ⁸	41	58	51	4	11	4	2.72	1.44	7	48.28	-2.17	96	131
Crescent City	45	56	51	3	14	-7	2.36	0.93	5	45.22	-11.49	80	99
Florence	42	59	50	3	7	0	2.56	1.00	5	56.98	-7.66	88	126
North Bend	46	57	52	5	18	11	1.72	0.37	4	37.19	-17.20	68	101
Tillamook	41	63	53	7	23	16	2.19	0.45	4	57.05	-16.62	77	130
WILLAMETTE VALLEY													
Aurora ⁸	43	67	55	7	34	23	1.60	0.86	4	31.27	-2.44	93	117
Corvallis	40	69	54	7	30	20	1.30	0.56	4	27.06	-9.45	74	116
Detroit Lake ⁸	34	67	49	9	11	10	4.75	3.51	4	72.73	15.73	128	130
Eugene	41	70	55	6	34	20	0.74	-0.17	4	25.08	-17.13	59	98
Hillsboro	39	64	53	6	23	12	1.66	1.02	4	27.44	-4.17	87	111
McMinnville	40	66	54	6	29	16	1.32	0.55	4	26.49	-11.00	71	105
Portland	44	65	55	6	39	25	1.12	0.48	4	29.45	0.02	100	106
Salem	40	67	55	8	35	27	1.37	0.69	4	28.74	-4.31	87	107
SW VALLEYS													
Grants Pass	45	70	56	6	41	19	1.18	0.64	6	27.29	-0.23	99	93
Medford	43	69	56	7	41	22	0.94	0.62	4	15.47	-0.27	98	84
Roseburg	45	71	56	7	45	25	0.83	0.19	5	24.35	-3.54	87	100
NORTH CENTRAL													
Condon	37	70	52	10	15	11	0.23	-0.05	4	6.36	-3.39	65	59
Echo ⁸	35	76	56	7	41	25	0.39	0.18	4	5.93	-0.83	88	67
Heppner	36	71	53	7	22	14	0.21	-0.14	2	5.61	-3.98	58	55
Hermiston	34	75	55	7	39	23	0.24	0.03	4	6.25	-0.51	92	59
Madras ⁸	31	67	50	6	8	-3	0.18	-0.03	3	5.59	-1.83	75	61
Moro	35	68	52	8	20	13	0.33	0.12	3	6.77	-1.67	80	58
Parkdale ⁸	32	67	49	3	9	-3	2.69	2.22	4	30.55	3.21	112	109
Pendleton	40	71	54	7	31	18	0.39	0.11	4	6.71	-2.08	76	64
Prairie City ⁸	31	67	50	6	8	-3	0.18	-0.03	3	5.59	-1.83	75	61
The Dalles	41	71	55	10	37	30	0.46	0.25	3	8.17	-1.76	82	59
SOUTH CENTRAL													
Agency Lake ⁸	33	59	46	8	-	-1	0.91	0.65	5	9.94	-2.75	78	59
Bend	32	69	49	9	4	-3	0.51	0.37	3	6.56	-2.03	76	30
Burns	28	66	48	9	3	-3	0.34	0.16	4	5.16	-1.47	78	46
Christmas Valley ⁸	22	67	46	4	-	-7	0.07	-0.13	3	16.39	7.55	185	67
Klamath Falls	31	63	46	5	2	-5	1.30	1.09	4	6.01	-4.50	57	50
Klamath Falls ⁸	30	64	46	5	-	-7	1.24	1.03	5	6.82	-3.69	65	69
Lakeview ⁸	29	62	44	5	-	-7	0.57	0.27	6	8.04	-3.23	71	74
Lorella ⁸	28	66	46	5	1	-6	0.69	0.48	5	8.00	-2.51	76	67
Redmond	28	70	50	9	7	0	0.01	-0.13	1	4.62	-1.09	81	45
Worden ⁸	29	65	45	4	-	-7	0.86	0.65	5	6.95	-3.56	66	65
NORTHEAST													
Baker City	25	70	48	6	-	-7	0.28	0.09	3	4.10	-1.99	67	65
Joseph	31	67	50	12	2	2	0.73	0.31	5	9.45	-7.82	55	76
La Grande	34	70	52	8	18	11	0.43	0.08	3	8.16	-3.66	69	61
Imbler ⁸	34	70	50	8	10	3	0.71	0.29	4	9.36	-8.21	53	90
SOUTHEAST													
Ontario	36	75	58	10	55	39	0.10	-0.07	2	4.33	-2.82	61	53
Rome	34	71	52	9	19	12	0.45	0.25	5	3.00	-1.93	61	48

¹ Summary based on NWS data. Copyright 2013: 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, 2012.

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

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

⁸ Agri-Met weather stations.