

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, NORTHWEST REGIONAL OFFICE

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Weather: Most of the State experienced higher than normal temperatures and lower than normal precipitation. Some coastal area and Klamath County stations were the only stations that recorded mostly normal to below normal temperatures. No freezing temperatures were reported. Temperatures ranged from highs in the low 100's in Central and Eastern Oregon to low 60's along the coast. Low temperatures ranged from the mid 30's in South Central Oregon to upper 50's in Southeast Oregon and the Southwest Valleys. Only a few weather stations reported precipitation.

Field Crops: Small grain harvest is in full swing throughout the State. The Sherman County reporter noted mixed conditions and yields for grain but the crop seemed to be average or better than average. Other county reports mention farming operations expecting lower yield for grain crops, mostly due to drought conditions. Grass seed harvest was in full swing with the exception of eastern Oregon where thunderstorms slowed the harvest. Warm and dry conditions have been very favorable for hay harvest in the State. Early variety potatoes were blooming in Klamath County. Irrigation continued for the southern part of Klamath County but has been shut off in the northern part. Initial reports of grain harvest from Malheur County are positive for wheat; however shrinkage is a concern with the warm temperatures.

Fruits and Nuts: Berry harvest for blueberries, raspberries, and strawberries is wrapping up in Washington County. A reporter in Washington County noted that walnuts look good based on the crop currently on trees. Apples, pears, and hazelnuts in Lane County look to be a medium crop according to the extension service. Fortunately, many

berries have avoided the Spotted Wing Drosophila (SWD) in that area of the State. Lane County reports wild blackberries have a huge crop and is up to one and a half weeks early. Orchardists were actively hand thinning summer pears in the upper Hood River Valley. Cherry harvest and routine summer orchard operations continued throughout the Hood River Valley. Sweet cherry harvests continued at higher elevations in Wasco County. The reporter in Wasco county noted the cherry crop at higher elevation is excellent because of better growing conditions. Umpqua Valley's heat sensitive crops like wine grapes, stone fruits and berries are developing about three weeks ahead of normal. Trap counts for SWD and codling moth have fallen off sharply during June and July in the area. The reporter for Douglas County commented that the berry harvest needs to be completed quickly to prevent soft fruit.

Vegetables: The warmer than normal weather has been good for warm season veggies. Tomatoes are responding to the heat in Lane County. Plenty of vegetables are at the farmers markets in the Portland area including tomatoes, eggplants, cucumbers, garlic, kale, carrots, and zucchinis.

Nurseries and Greenhouses: Irrigation continues to be the main activity for nurseries.

Livestock, Range and Pasture: Many reporters in almost every region of the State report range and pasture condition has declined from poor weather conditions. However in Sherman County, CRP land is green and land just coming out of CRP is benefitting from grazing.

Soil Moisture - Week Ending 07/21/13

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	22	52	26	0
Subsoil	15	52	32	1

Crop Progress - Week Ending 07/21/13

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Alfalfa hay, second cutting	41	25	28	44
Barley headed	92	85	100	96
Winter wheat harvested	17	9	12	17
Spring wheat headed	97	94	99	95
Days suitable for fieldwork	6.9	6.8	6.4	6.6

Crop Condition - Week Ending 07/21/13

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	12	18	39	28	3
Spring wheat	5	17	41	33	4
Barley	2	12	33	50	3
Range and pasture	7	24	43	25	1

Western Oregon

Douglas: The heat wave continued during the past week. It is building toward the hottest summer in the past 75 years. Heat unit accumulation is about 400 GDD above the 30 year average to date. That equates to about three weeks ahead of normal crop development potential for heat sensitive crops like wine grapes, stone fruit, and berry crops. The heat and dry winter and spring have combined to put rivers and streams at extremely low levels. Irrigation supplies will be severely limited in August and September. The continually hot summer seems to be impacting the numbers of several insect pests. Trap counts for Spotted Wing Drosophila, and codling moth have fallen off sharply during June and July to date. Crop yields and quality continue to be good for tree fruit. Berry crops have had to be harvested quickly with little delay to prevent soft fruit.

Lane: Temperatures continued to be above normal. Many berries still avoiding the spotted wing drosophila (SWD). There are a few strawberries left. Blueberries are being harvested. Raspberries had pretty

short season. Wild blackberries have a huge crop and are up to 1 1/2 weeks early. Apples, pear and hazelnut looks so far like medium crop in this area. Another hazelnut orchard has had 9 trees infested with Eastern Filbert blight. Time to scout more closely this winter.

Washington: Winter wheat harvesting has begun. Yield is expected to be good in this area. It has been a pretty good year for spring wheat and barley in this area. Red Clover is in full bloom. Grass for seed is being harvested. Field corn is tasseling. Large bales of hay are being removed from fields. Berry harvest is almost over for blueberries, raspberries, and strawberries. Walnuts looking good based on the crop currently on trees. Sweet cherries are being harvested and are at markets. Nurseries are mainly irrigating. Pastures were beginning to dry, so ranchers have been rotating herds around. High of 94 degrees, low of 46 degrees with no Rain.

Eastern Oregon

Hood River: Seasonable weather conditions prevailed through the week with moderate temperatures and no precipitation. Hand thinning of summer pears continued in the upper Hood River Valley. Hand thinning of apples, cherry harvest, and routine summer orchard operations continued throughout the valley.

Klamath: Another hot week. Second cutting of hay is on the ground. Some grain is showing signs of ripening. Early variety potatoes are blooming. Irrigation continues for the southern part of the county. Irrigation water shut offs continue for the northern part.

Lake: No precipitation during the week. Pastures conditions are deteriorating around the county due to lack of moisture. Many livestock producers reporting that they anticipate having to begin to feed hay early this year due to lack of pasture during late summer/early fall.

Malheur: Area producers are starting to harvest their wheat. Initial reports are positive for yield however some shrinkage has been a concern with the high heat.

Sherman: Lightning and potential fire season is upon us. Range grasses are very dry. Wheat harvest continues and is moving quickly. Still some last minute weed control practices delaying some farmers getting into fields. Some seem to be unprepared for early harvest this year thinking of late harvests of past few years. Some grain of mixed condition and yields but most running at average or higher. One grower reported wheat with protein of 13 percent on one field and 6 percent on the field adjacent to it. There were key differences. For example, the 6 percent protein field was the first crop out of CRP. Regular range looks rugged and grasses shut down with early heat. But CRP land is nice and green right now and

those lands just coming out of CRP are benefitting from grazing as are the stock released on them. Careful management is needed to be sure area not over grazed.

Wasco: Sweet cherry harvest continues in Wasco County in the higher elevation areas. The quality of this late season fruit is excellent as the temperatures were not as high as in lower elevation areas and the fruit was not as ripe when the rains came in late June. The Sweetheart cherries are the latest ripening variety of the season.

Umatilla: Wheat harvest has begun in earnest, and yields as predicted are lower due to drought. Second cutting is about wrapped up in the hay fields, and hot, dry temperatures are allowing other crops to mature readily.

Union/Baker: Grass seed harvest going strong. Second cutting of alfalfa is under way. Wheat is maturing 1-2 weeks early. It has been warm and dry. Pasture is very short. Thunderstorm rolled through last week delivering just enough precipitation to stop grass seed harvest for two days.

Wallowa: Warmer temperatures are expected this weekend, which is not helping some of the dry land crops. Irrigated crops seem to be doing okay; most of the hay growers have completed their first cuttings; these were later than normal due to the showers in June and early July. Range conditions are very dry, water is in short supply for some livestock producers.

Weather data for selected stations in Oregon, Week ending: July 21, 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	50	74	61	1	77	7	0.01	-0.20	1	76.98	11.95	118	186
Bandon ⁸	47	64	56	-3	45	-11	-	-0.07	-	54.49	-3.59	94	167
Crescent City	48	60	54	-5	31	-25	-	-0.07	-	49.49	-14.93	77	118
Florence	40	68	55	-6	39	-31	-	-0.14	-	65.65	-9.57	87	159
North Bend	52	68	60	0	69	4	-	-0.07	-	43.40	-19.11	69	131
Tillamook	48	67	59	2	65	8	-	-0.33	-	69.42	-17.41	80	169
WILLAMETTE VALLEY													
Aurora ⁸	51	91	69	4	136	22	-	-0.14	-	37.41	-2.67	93	151
Corvallis	50	87	69	4	136	24	-	-0.07	-	31.58	-10.29	75	148
Detroit Lake ⁸	50	91	71	9	151	60	-	-0.17	-	84.72	18.40	128	166
Eugene	47	89	69	2	136	11	-	-0.07	-	28.77	-19.58	60	123
Hillsboro	47	91	67	2	124	12	-	-0.07	-	33.42	-3.08	92	147
McMinnville	49	88	69	3	134	22	-	-0.09	-	30.90	-11.65	73	137
Portland	56	92	71	2	146	15	-	-0.11	-	36.61	1.46	104	142
Salem	52	89	70	4	140	23	-	-0.12	-	33.71	-4.74	88	138
SW VALLEYS													
Grants Pass	53	98	77	6	191	37	-	-0.01	-	29.39	-1.20	96	112
Medford	57	102	79	7	209	46	-	-0.02	-	16.83	-1.49	92	105
Roseburg	57	94	75	7	178	45	-	-0.07	-	26.62	-5.49	83	124
NORTH CENTRAL													
Condon	52	96	71	6	150	36	-	-0.07	-	10.92	-2.31	83	88
Echo ⁸	50	101	77	5	193	32	-	0.00	-	8.27	-0.21	98	92
Heppner	52	96	73	4	162	24	-	-0.07	-	10.00	-3.15	76	78
Hermiston	51	100	77	4	193	32	-	0.00	-	8.24	-0.24	97	78
Madras ⁸	48	96	72	5	153	34	-	-0.07	-	7.29	-2.51	74	86
Moro	49	96	73	5	160	34	-	-0.04	-	9.36	-1.22	88	80
Parkdale ⁸	44	94	68	2	130	11	-	-0.02	-	34.21	3.91	113	140
Pendleton	54	99	76	3	183	19	0.05	-0.02	1	9.39	-2.04	82	86
Prairie City ⁸	48	96	72	5	153	34	-	-0.07	-	7.29	-2.51	74	86
The Dalles	55	95	76	10	187	68	-	-0.03	-	10.60	-1.36	89	75
SOUTH CENTRAL													
Agency Lake ⁸	42	95	67	4	123	25	-	-0.07	-	12.12	-3.29	79	76
Bend	42	92	69	6	138	40	-	-0.07	-	7.88	-3.15	71	39
Burns	46	99	73	7	162	43	-	-0.07	-	7.31	-1.87	80	60
Christmas Valley ⁸	42	97	70	1	139	6	-	-0.07	-	18.53	6.84	159	97
Klamath Falls	44	98	70	3	144	18	-	-0.07	-	8.07	-4.75	63	71
Klamath Falls ⁸	45	96	71	3	146	20	0.01	-0.06	1	8.61	-4.21	67	98
Lakeview ⁸	38	96	70	3	140	18	-	-0.07	-	10.42	-4.57	70	98
Lorella ⁸	39	96	67	-2	123	-3	-	-0.07	-	10.19	-2.63	79	89
Redmond	44	97	71	6	151	38	-	-0.07	-	5.78	-2.13	73	64
Worden ⁸	36	94	65	-4	109	-17	-	-0.07	-	9.32	-3.50	73	86
NORTHEAST													
Baker City	42	92	69	2	132	13	0.05	-0.03	1	7.93	-1.83	81	88
Joseph	48	95	72	12	153	79	-	-0.14	-	13.88	-9.13	60	102
La Grande	46	97	72	3	157	17	0.02	-0.08	1	10.94	-5.43	67	89
Imbler ⁸	45	96	72	5	154	35	0.24	0.11	2	13.75	-8.76	61	124
SOUTHEAST													
Ontario	59	104	84	7	237	48	-	0.00	-	5.63	-3.57	61	68
Rome	51	103	78	6	197	39	-	-0.07	-	4.66	-3.03	61	68

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.