

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Conditions were hot everywhere except for along the coast. High temperatures ranged from 102 degrees in Rome, down to 62 degrees in Crescent City. Six stations reported triple digit highs. Low temperatures ranged from 33 degrees in Christmas Valley, up to 56 degrees in Portland. Twenty-two of the forty-three stations reported a measurable amount of precipitation last week. The Salem station reported the greatest accumulation with 0.41 total inches.

Field Crops: Hot, dry weather has sped up the grain harvest in the north central and eastern parts of the state. Crops that had been coming along late have been catching up this past week with favorable weather conditions. Rain slowed combines early in the week in the western areas. Swathing of grass seed, tall fescue seed, and crimson clover continued, and balers were busy with hay and grass straw.

Vegetables: It was a good growing week for vegetables, although the recent heat wave has made irrigation critical. Water shortages in southern areas have become an issue and could lead to some leaf burn problems. Harvesting of summer squash, beets, cucumbers and tomatoes continued.

Fruits and Nuts: Berry harvest continued across the State. In Douglas County blueberry, raspberry, and strawberry harvest concluded this week. Marionberries were in full swing and blackberries are maturing rapidly. The blueberry crop for this year was reportedly very good, though reports indicated high temperatures caused some berry harvest to end prematurely. Orchard crops continue to do well. The sweet cherry harvest wound down in The Dalles while it continued in the Hood River Valley and Dufur.

Nurseries and Greenhouses: Nurseries and greenhouses continued with clean-up, plant rotation, and irrigation activities. The hot weather increased irrigation needs, some nurseries are now having to water on daily intervals.

Livestock, Range and Pasture: Non-irrigated pastures continued to dry up as the hot, dry weather persisted. Some livestock experienced stress from the high temperatures.

Soil Moisture-Week Ending 07/19/09

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	18	48	33	1
Subsoil	15	42	43	0

Crop Progress-Week Ending 07/19/09

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	73	26	51	43
Alfalfa hay, third cutting	8	-	-	-
Winter wheat harvested	22	6	21	23
Barley harvested	13	-	21	7
Spring wheat headed	98	94	99	95
Spring wheat harvested	11	-	13	8
Days suitable for fieldwork	6.5	6.6	6.9	6.7

Crop Condition-Week Ending 07/19/09

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	6	22	34	36	2
Spring wheat	5	30	29	31	5
Barley	0	2	42	51	5
Corn	0	2	16	66	16
Range and pasture	8	15	30	41	6

Western Oregon

BENTON/LINN/LINCOLN: The Willamette Valley received a very untimely rain this past week. This has slowed down the harvesting of all grass seed crops.

CLACKAMAS: Real summer weather now, but last week was wet. Sunday afternoon and overnight we saw some real rain, half an inch in some places. We broke the July 12th streak for being the only day on the calendar in Portland without rain. Grass seed harvest was getting started. Most farmers were not very enthused about harvesting a new crop when a lot of their 2008 crop hasn't been sold yet. Tree fruit and nut crops look abundant this year. Lots of local cherries, apricots and peaches in the markets. Caneberry fields have good crops where the canes escaped winter damage. Pastures were drying up. Its time to begin creep feeding calves in preparation for weaning.

CLATSOP: It was still dry. We will need some more moisture.

COLUMBIA: Haying continued this week. Several grass seed fields were also being threshed. Blueberries and raspberries were being harvested this week and green beans were being irrigated. Several days were over 90 degrees Fahrenheit. Temperatures continued to be very hot. There was good irrigation management on nurseries and other irrigated crops.

COOS/CURRY: Low temperatures were near the 5-year average in Coos, but 3 degrees below the 5-year average for the week in southern Curry County. High temperatures through the week were 7 degrees below the 5-year average in Coos County, and near average for the week in southern Curry. No precipitation for the week in Coos and only a trace on two separate days in Curry. Producers were making hay/silage much of the week. Bandon (Coos & Northern Curry): Low temperatures for the period were 50.00 degrees, 0.02 degrees above the 5-year average. High temperatures for the period were 63.36 degrees, 7.06 degrees below the 5-year average. Precipitation for the period was 0.0 inches, compared to a 5-year (including drought in 2004 & 2005) average of 0.12 inches. Precipitation for Current weather year precipitation (began 10/08) stands at 40.76 inches, 14.52 inches below the 5 year average, and 17.16 inches below the long-term historical average. Historical average precipitation through July is 57.92 inches. Brookings (Southern Curry): Low temperatures for the period were 49.16 degrees, 3.22 degrees below the 5-year average. High temperatures for the period were 77.0 degrees, 0.12 degrees above the 5-year average. Precipitation for the period was 0.02 inches, compared to a 5-year (including drought in 2004 & 2005) average of 0.12 inches. Precipitation for the current weather year precipitation (began 10/08) stands at 70.49 inches, 9.55 inches below the 5 year average, and at the long-term historical average. Historical average precipitation through July is 70.49 inches.

DOUGLAS: Hot dry weather increased irrigation water demand

this week. Temperatures were about 10 degrees above norms. Hot temperatures caused stress with nursery crops in the field and in pots. Watering went daily in nursery sites. The orchard crops continued to do well. Apple, pear, Asian pear, peaches, plums and prunes all looked good. Heat has caused the berry crop harvest to end a little prematurely. Raspberry, blueberry, and strawberry crops were complete. Blackberry crops were maturing rapidly and we should see some harvest activity within 10 days. Vegetable crops have been doing well but the recent heat spike will cause some leaf burn problems if irrigation supplies slow down.

JACKSON: It was a good growing week for vegetables and tree fruit crops. Temperatures remained high all week. Irrigation was going full scale given the warm temperatures. Rangeland pastures were drying out.

JOSEPHINE: There was extreme drying, hot temperatures and wind. There were no record highs for our area but it was hot. Nighttime temperatures were in the mid 60's, and in the upper 90's in daytime. Harvest time is on for lots of short season crops, early corn, summer squash, etc. The blueberry crop was very good this year. There was mostly just watering and watching, weeding and mulching. Animals showed the stress last week, wanting shelter from the extreme temperatures.

MARION: The week started with cool conditions and heavy rainfall in many areas. Combining in grass seed was shut down for a couple days until the swaths dried out. The week ended with highs in the 90's and everyone combining as much as possible. Most grass seed fields were swathed except for bentgrasses. Wheat is almost ready to combine. Balers were busy with grass straw.

WASHINGTON: Tall fescue was being combined. Irrigation was in full swing and the berry harvest was going well. There were reports from growers of low prices on grass seed, berries, milk, and hay. Fall wheat will be ready for harvesting soon. Red clover was blooming and corn was growing well. Most grass for feed was swathed and some combined. Sweet corn for cannery was tasseling. For greenhouse and nursery, clean up, rotation and irrigation was ongoing. Livestock, range and pastures were looking good. The high temperature was 95 degrees, and the low 48 degrees. Humidity reached a high of 73 percent, and a low of 43 percent.

YAMHILL: The first blueberry crops finished up this week. Marionberries were in full swing. Grass seeds continued to be swathed down and combines began to be seen in more fields. Unseasonably high temperatures were putting additional water stress on orchard crops. Some filbertworm spraying was being done in hazelnuts. The tart cherry harvest continued.

Eastern Oregon

GRANT: Conditions were hot and dry.

HOOD RIVER: Moderate temperatures prevailed through most of the week. The cherry harvest continued in the lower Hood River Valley and began in mid-valley orchards. Summer orchard operations continued throughout the Hood River Valley.

KLAMATH: There were hot temperatures during the week. Water has been shut off in one portion of Klamath County due to a drought and lack of water. Approximately 10,000 acres were affected. Some early varieties of potatoes were blooming and the second cutting of hay was dropped.

LAKE: There was no precipitation during the week. Hotter temperatures were beginning to dry out the non-irrigated pastures.

MALHEUR: Hot weather has brought crops on at a faster rate. Two or three weeks ago, most crops were considered about two weeks behind, but with the hot weather the gap has been closing this week. Winter wheat harvest was going strong, and haying continued.

MORROW: Grain harvest kicked off pretty good this week. Warm temperatures from mid-week on has sped things up.

WALLOWA: Great weather throughout the week allowed hay producers to bale and stack. Grain crops still looked good.

WASCO: Hot dry weather prevailed all week. Wheat harvest continued in the North end of the county. Approximately 15 percent of the wheat harvest was completed by week's end. The second cuttings of alfalfa hay and irrigation were active through week. The sweet cherry harvest was winding down in The Dalles area with orchard cleanup underway. Dufur valley cherry harvest was progressing, and grapes were starting to size on the vines. Livestock was doing well, but dryland pastures were starting to show signs of depletion. Saturday, The Dalles Farmers Market had raspberries, blueberries, Marion berries, summer squash, beets, cucumbers, and tomatoes on display for sale.

Weather data for selected stations in Oregon, Week ending: July 19, 2009 (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	53	75	62	+3	88	+18	0.09	-0.14	1	58.58	-6.39	90	160
Bandon ⁸	50	63	57	-2	49	-7	-	-0.07	-	41.04	-17.02	71	173
Crescent City	45	62	55	-4	34	-22	0.01	-0.06	1	47.90	-16.50	74	122
Florence	42	73	60	-2	69	-1	0.05	-0.11	1	64.13	-11.05	85	143
North Bend	48	66	58	-2	60	-3	-	-0.07	-	45.30	-17.19	72	145
Tillamook	45	73	61	+4	79	+23	0.22	-0.13	1	44.13	-42.62	51	151
WILLAMETTE VALLEY													
Aurora ⁸	51	94	70	+5	143	+31	0.05	-0.09	1	31.74	-8.30	79	147
Corvallis	50	92	69	+3	132	+21	0.06	-0.03	1	27.68	-14.17	66	156
Detroit Lake ⁸	50	95	70	+8	145	+54	0.10	-0.09	1	78.98	12.70	119	164
Eugene	45	93	68	+1	129	+6	0.06	-0.01	1	26.81	-21.52	55	124
Hillsboro	46	93	68	+3	128	+16	0.12	0.04	1	22.55	-13.93	62	122
McMinnville	46	94	69	+4	132	+20	0.39	0.28	1	18.05	-24.48	42	115
Portland	56	95	72	+5	159	+30	0.32	0.19	1	25.57	-9.56	73	144
Salem	48	93	70	+4	138	+23	0.41	0.27	1	26.80	-11.63	70	127
SW VALLEYS													
Grants Pass	52	99	74	+2	167	+13	-	0.00	-	22.75	-7.83	74	109
Medford	54	100	77	+5	193	+32	-	-0.03	-	13.43	-4.88	73	92
Roseburg	53	95	74	+6	169	+38	-	-0.07	-	23.23	-8.86	72	116
NORTH CENTRAL													
Condon	45	94	70	+4	140	+28	-	-0.07	-	11.20	-2.01	85	92
Echo ⁸	49	100	75	+2	176	+15	0.01	0.01	1	7.37	-1.11	87	90
Heppler	50	97	72	+3	158	+22	0.10	0.03	1	10.98	-2.15	84	94
Hermiston	51	100	74	+2	174	+13	0.07	0.07	1	6.18	-2.30	73	76
Madras ⁸	42	93	70	+3	140	+21	0.08	0.01	2	8.10	-1.68	83	85
Moro	47	97	69	+2	134	+8	-	-0.05	-	9.98	-0.59	94	78
Parkdale ⁸	41	93	67	+0	119	+0	-	-0.04	-	37.22	6.92	123	123
Pendleton	47	98	74	+1	168	+6	-	-0.07	-	12.04	0.63	106	89
Prairie City ⁸	42	93	70	+3	140	+21	0.08	0.01	2	8.10	-1.68	83	85
The Dalles	53	100	76	+10	182	+63	-	-0.03	-	12.12	0.18	102	96
SOUTH CENTRAL													
Agency Lake ⁸	37	91	65	+1	104	+6	-	-0.07	-	13.64	-1.75	89	81
Bend	45	93	67	+4	118	+22	-	-0.09	-	10.66	-0.35	97	53
Burns	34	98	68	+2	130	+12	-	-0.07	-	10.83	1.67	118	90
Christmas Valley ⁸	33	96	66	-4	112	-21	-	-0.09	-	8.19	-3.48	70	95
Klamath Falls	40	93	68	+0	126	+0	-	-0.07	-	8.67	-4.13	68	81
Klamath Falls ⁸	40	93	68	+0	125	-1	-	-0.07	-	10.60	-2.20	83	104
Lakeview	39	94	66	-2	115	-5	-	-0.07	-	9.17	-5.84	61	99
Lorella ⁸	36	94	65	-3	109	-17	-	-0.07	-	7.58	-5.22	59	75
Redmond	40	96	69	+3	133	+21	0.01	-0.06	1	6.41	-1.48	81	68
Worden ⁸	36	91	65	-4	104	-22	-	-0.07	-	7.24	-5.56	57	88
NORTHEAST													
Baker City	37	95	66	-2	113	-6	0.08	-0.02	3	9.99	0.25	103	109
Joseph	44	89	66	+7	117	+45	0.18	0.03	1	18.90	-4.63	80	119
La Grande	44	97	69	-1	138	+0	-	-0.12	-	10.95	-5.40	67	83
Union	43	95	70	+4	138	+21	0.03	-0.09	1	13.52	0.87	107	104
SOUTHEAST													
Ontario	48	101	76	-2	185	-4	0.06	0.04	1	9.32	0.12	101	70
Rome	47	102	73	+0	160	+4	-	-0.07	-	9.55	1.88	125	75

¹ Summary based on NWS data. Copyright 2009: 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, 2008.

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.