

WASHINGTON CROP WEATHER

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Crop and Weather Information for the Week Ending June 9, 2002

WEEK IN BRIEF:

**Conditions Lowered for Crops Despite Weekend Rains in the East
Cherry Harvest Began in the Earliest Areas of Benton County**

FIELD CROPS

Cool temperatures with intermittent rain showers during much of the week resulted in further delay of normal crop development in the western portion of the state. Eastern Washington received rain over the weekend but was not enough to keep moisture and crop conditions from being lowered. Low temperatures in Whitman County may have caused some damage to newly headed winter wheat and dry peas. There were no reports of any crop damage due to weather conditions in the state.

LIVESTOCK

Pasture and range conditions improved with recent rains. First cutting of alfalfa continued to be harvested across the state. Commercial dairymen continued harvesting green chop. Range and pasture conditions were 1% very poor, 10% poor, 65% fair, 23% good and 1% excellent.

FRUITS AND VEGETABLES

Commercial strawberry growers validated that the harvest season will be later than normal. Organic truck gardeners complained about slow germination of vegetable seeds due to the lack of heat units. Cherry harvest began in the earliest areas of Benton County. Asparagus harvest began in Franklin and was winding down in Benton.

| Days Suitable for Fieldwork | |
|-----------------------------|-----------|
| This Week | Last Week |
| 6.1 | 6.4 |

| Soil Moisture and Supply | | | | |
|--------------------------|-----------|----|-----|---|
| Soil Type | % Acreage | | | |
| | VS | SH | AD | S |
| Topsoil | 1 | 21 | 77 | 1 |
| Subsoil | 1 | 32 | 65 | 2 |
| Irrigation Water | 0 | 0 | 100 | 0 |
| Hay and Roughage | 13 | 26 | 61 | 0 |

VS=Very Short, SH=Short, AD=Adequate, S=Surplus

| Crop Progress | | | | |
|-------------------------------------|-------------|-----------|------|------------|
| Crop/Activity | % Completed | | | |
| | This Week | Last Week | 2001 | 5 Yr. Avg. |
| Spring Wheat Emerged | 100 | 99 | 100 | 99 |
| Spring Wheat Headed | 37 | 16 | 22 | 25 |
| Winter Wheat Headed | 50 | 28 | 71 | 76 |
| Barley Emerged | 100 | 99 | 100 | 100 |
| Barley Headed | 31 | 29 | 27 | 28 |
| Potatoes Emerged | 100 | 96 | 99 | 98 |
| Corn Planted | 97 | 93 | 100 | 100 |
| Corn Emerged | 68 | 40 | 89 | 76 |
| Dry Edible Beans | 70 | 46 | 84 | 76 |
| Alfalfa Hay 1 st Cutting | 65 | 50 | 80 | 57 |

| Crop Condition * | | | | | |
|------------------------|-----------|---|----|----|----|
| Crop | % Acreage | | | | |
| | VP | P | F | G | EX |
| Winter Wheat Dryland | 1 | 6 | 37 | 47 | 9 |
| Winter Wheat Irrigated | 0 | 0 | 0 | 94 | 6 |
| Spring Wheat Dryland | 0 | 9 | 58 | 31 | 2 |
| Spring Wheat Irrigated | 0 | 0 | 0 | 94 | 6 |
| Barley Dryland | 0 | 7 | 58 | 32 | 3 |
| Barley Irrigated | 0 | 0 | 0 | 91 | 9 |
| Potatoes | 0 | 0 | 7 | 88 | 5 |
| Corn | 0 | 0 | 7 | 83 | 10 |
| Dry Edible Beans | 0 | 1 | 12 | 86 | 1 |

VP=Very Poor, P=Poor, F=Fair, G=Good, EX=Excellent

* Crop conditions are a measure of the growing conditions and are not indicative of the quality of the crop produced.

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COUNTY COMMENTS

WESTERN

Clallam/Jefferson: The weather was cold and windy for most of the week. Temperatures dipped below freezing several times. Friday was more like winter than spring, with thunder and hail. Sunday was very nice and sunny, giving hope that spring has finally arrived. Planting of corn was 2-3 weeks late.

Grays Harbor: Cool temperatures with intermittent rain showers during much of the week resulted in even further delay of normal crop development. Sweet corn producers complained about slow seed germination due to the lack of heat units. U-Pick pumpkin growers were unable to plant seeds due to wet field conditions. Commercial Christmas tree growers applied insecticides on Noble fir plantations for aphid control. Commercial raspberry growers complained that deer continued to browse on newly developing canes. Organic vegetable producers continued battling weeds. Retail plant nurseries reported slow sales due in part to inclement weather conditions.

Grays Harbor/Lewis: Record low temperatures and cool maximums slowed growth of annual spring crops and will probably be reflected in lower forage production.

Pierce/South King: On Friday, South Puget Sound experienced some extreme weather. There was some hail and lightning in some places. The weather remained cool

for this time of the year. Crops were still about 2-3 weeks behind normal. There were no reports of crop damage due to the weather.

Snohomish/North King: Long daylight hours and moderate spring weather helped get planting back on schedule. Temperatures were still below normal for most of the week. Friday several areas had thunder, lightning and hail. Saturday early morning rain was heavy, followed by intermittent showers and sun breaks. Sunday's weather gave hope that summer is on the way. There were no reports of crop damage due to weather conditions.

Thurston: Temperatures below 50 degrees F. continued to delay crop development. Commercial strawberry growers validated that the harvest season will be later than normal. Commercial turfgrass growers continued disking and sub-soiling harvested fields in preparation for planting. Christmas tree growers reported aphid infestations in Grand fir trees. Commercial dairymen continued harvesting green chop. Organic truck gardeners complained about slow germination of vegetable seeds due to the lack of heat units.

CENTRAL

Benton: Cherry harvest began in the earliest areas. Asparagus harvest was winding down. Apple thinning and irrigation were other activities.

Benton (2nd Report): The windy, dry conditions continued, with a little rain at the end of the week. No calls were received due to crop damage.

Grant: Green pea harvest began. The dryland needs rain. Sweet corn and bean planting continued.

Franklin: Temperatures were mild. Rainfall at the end of the week added soil moisture. Asparagus was being harvested. The first cutting of alfalfa continued. Dry beans and sweet corn were planted.

Kittitas: The first cutting of alfalfa was completed, with some reports of rain damage. Sweet corn planting was completed. Pasture and range conditions were good with recent rains. Irrigation water supply was adequate for the growing season.

Okanogan/Ferry: Some producers began mowing their first cutting of alfalfa hay.

Yakima: Average temperatures ranged from 8 degrees above normal to 11 degrees below normal. There was a total of .31 of an inch of precipitation on June 8 and June 9. No new crop losses due to weather conditions were reported.

EASTERN

Adams: Weekend rains were greatly needed, but were not enough to keep moisture and crop conditions from being lowered. Top and subsoil moisture conditions were ever increasingly in short supply. Winter wheat conditions were lowered but still remains mostly in fair to good condition. Without measurable precipitation, moisture and crop conditions will continued to be lowered.

Asotin/Garfield: Rain over the weekend benefitted crops and pastures in both counties. However, the rain was spotty with some areas receiving very little accumulation. Cool weather prevailed throughout the area.

Lincoln: Weekend rains were needed, but additional moisture will still be required to maintain crop conditions. Winter wheat remained in mostly fair condition as did spring planted cereals.

Pend Oreille/Spokane: Rain was received on Saturday and Sunday. The rain was very much needed and things looked a lot better because of it. Winter wheat was

heading in most of the county and lots of spraying occurred between the wind storms.

Stevens: Pasture and hay conditions improved with the recent rain. A few operations began cutting hay.

Walla Walla: Green pea harvest begins the week of June 10th. About 50 percent of the corn was planted. Some green pea varieties were hit very hard by leafroll virus.

Whitman: Temperatures dropped below freezing early in the morning of June 7. Temperatures were reported as low as the mid-20's. Newly headed winter wheat and dry peas may have sustained some damage. Cool temperatures and widespread rain showers occurred over the weekend with about 1/3 of an inch reported in most areas. The rain was welcomed in drier parts of the county, as winter wheat began heading out and spring crops were in need of moisture.

WEEKLY WEATHER STATISTICS
June 10, 2002

| Station | Air Temperature | | | | Growing Degree Days | | | | Last Week Precipitation | | | Season Precipitation | | | |
|--------------------------------|-----------------|----|-----|-----|---------------------|-----|----------|-----|-------------------------|-------|------|----------------------|-------|----------|------|
| | LO | HI | AVG | DFN | Base 50F | | Base 60F | | Total | | | Total | | % Normal | Days |
| | | | | | TOT | DFN | TOT | DFN | Inches | DFN | Days | Inches | DFN | | |
| WEST | | | | | | | | | | | | | | | |
| Bellingham | 43 | 70 | 56 | -2 | 47 | -4 | 1 | -6 | 0.14 | -0.30 | 2 | 31.41 | -0.83 | 97 | 148 |
| Everett | 45 | 71 | 56 | -3 | 43 | -14 | 0 | -7 | 0.02 | -0.51 | 2 | 29.39 | -3.07 | 91 | 154 |
| Hoquiam | 44 | 63 | 54 | -3 | 26 | -18 | 0 | 0 | 0.38 | -0.18 | 5 | 62.51 | -1.26 | 98 | 167 |
| Kelso | 41 | 70 | 56 | -3 | 45 | -13 | 2 | -9 | 0.14 | -0.42 | 3 | 39.72 | -2.96 | 93 | 147 |
| Olympia | 37 | 74 | 55 | -3 | 37 | -12 | 0 | -7 | 0.20 | -0.22 | 3 | 56.95 | 9.56 | 120 | 158 |
| Seattle-Tacoma | 42 | 71 | 56 | -4 | 44 | -21 | 0 | -10 | 0.39 | -0.02 | 5 | 36.37 | 2.07 | 106 | 143 |
| Shelton | 35 | 71 | 55 | -6 | 33 | -32 | 0 | -14 | 0.10 | -0.35 | 1 | 68.24 | 6.71 | 111 | 152 |
| Tacoma | 41 | 73 | 57 | -4 | 47 | -18 | 2 | -9 | 0.20 | -0.27 | 4 | 28.64 | -8.26 | 78 | 121 |
| Vancouver | 38 | 74 | 59 | 0 | 63 | 0 | 11 | -3 | 0.19 | -0.25 | 4 | 35.65 | -2.55 | 93 | 146 |
| CENTRAL | | | | | | | | | | | | | | | |
| Ellensburg | 40 | 78 | 57 | -4 | 53 | -18 | 9 | -10 | 0.08 | -0.06 | 1 | 6.82 | -1.11 | 86 | 81 |
| Omak | 36 | 79 | 59 | -1 | 65 | -1 | 21 | 4 | 0.06 | -0.29 | 1 | 8.57 | -3.87 | 69 | 68 |
| Stampede Pass | 30 | 57 | 42 | -4 | 0 | -8 | 0 | 0 | 0.87 | 0.11 | 6 | 72.90 | -2.82 | 96 | 156 |
| Wenatchee | 41 | 81 | 61 | -4 | 78 | -22 | 27 | -9 | 0.12 | -0.02 | 2 | 5.06 | -2.19 | 70 | 58 |
| Yakima AP | 35 | 82 | 59 | -5 | 63 | -23 | 17 | -9 | 0.25 | 0.11 | 1 | 6.45 | -0.61 | 91 | 57 |
| NORTHEAST | | | | | | | | | | | | | | | |
| Colville | 35 | 80 | 58 | -2 | 58 | -8 | 15 | -2 | 0.09 | -0.33 | 1 | 14.27 | -4.01 | 78 | 78 |
| Deer Park | 31 | 76 | 53 | -7 | 39 | -25 | 5 | -10 | 0.33 | 0.00 | 2 | 20.19 | 4.07 | 125 | 115 |
| Spokane AP | 35 | 76 | 55 | -6 | 45 | -21 | 9 | -8 | 0.27 | -0.08 | 2 | 12.42 | -1.87 | 87 | 105 |
| EAST CENTRAL | | | | | | | | | | | | | | | |
| Ephrata | 43 | 83 | 63 | -4 | 93 | -18 | 32 | -13 | 0.15 | 0.01 | 1 | 5.03 | -1.33 | 79 | 58 |
| Moses Lake | 41 | 84 | 62 | -5 | 82 | -29 | 25 | -20 | 0.09 | -0.05 | 2 | 5.01 | -1.35 | 79 | 60 |
| Quincy | 42 | 82 | 61 | -4 | 75 | -20 | 25 | -8 | 0.07 | -0.07 | 1 | 5.85 | -1.06 | 85 | 56 |
| Ritzville | 33 | 78 | 54 | -7 | 40 | -29 | 3 | -14 | 0.11 | -0.06 | 1 | 9.16 | -0.90 | 91 | 72 |
| SOUTHEAST | | | | | | | | | | | | | | | |
| Hanford | 42 | 86 | 62 | -7 | 86 | -44 | 28 | -32 | 0.20 | 0.13 | 1 | 5.05 | -0.75 | 87 | 45 |
| Pasco | 37 | 86 | 62 | -6 | 82 | -35 | 31 | -19 | 0.35 | 0.22 | 2 | 4.77 | -1.97 | 71 | 53 |
| Pullman | 30 | 73 | 52 | -6 | 31 | -21 | 2 | -9 | 0.24 | -0.11 | 2 | 16.34 | -2.13 | 88 | 104 |
| Walla Walla AP | 42 | 80 | 60 | -6 | 70 | -34 | 27 | -12 | 0.30 | 0.02 | 2 | 13.68 | -3.79 | 78 | 97 |
| Whitman Mission | 35 | 82 | 61 | -3 | 75 | -16 | 27 | -3 | 0.26 | 0.05 | 2 | 11.57 | -0.54 | 96 | 91 |
| WESTERN IDAHO PANHANDLE | | | | | | | | | | | | | | | |
| Coeur D'A'AP | 37 | 75 | 56 | -5 | 47 | -26 | 8 | -10 | 0.28 | -0.22 | 1 | 18.17 | -4.23 | 81 | 110 |
| Lewiston ID | 43 | 81 | 62 | -3 | 81 | -17 | 29 | -5 | 0.05 | -0.30 | 2 | 8.61 | -1.57 | 85 | 93 |
| Whitman Mission | 37 | 80 | 58 | -2 | 57 | -7 | 7 | -5 | 0.29 | 0.04 | 4 | 10.69 | -1.00 | 91 | 87 |

Summary based on NWS data.
 Season Cumulative Precip Starts: Wednesday September 1, 2001
 DFN = Departure From Normal (Using 1961-90 Normals Period).
 NA = Data Unavailable

Precipitation (rain or melted snow/ice) in inches.
 Precipitation Days = Days with precip of 0.01 inch or more.
 Air Temperatures in Degrees Fahrenheit.
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