



IDAHO CROP WEATHER



IDAHO
AGRICULTURAL
STATISTICS
SERVICE
P.O. Box 1699

Boise, ID 83701
1-800-691-9987
FAX: (208) 334-1114

ISSUE: 18-00

Released: 3:00 p.m. MDT July 31, 2000

JULY ENDS HOT AND DRY

July ends with continued hot and dry conditions. Temperatures throughout the state varied from 91 to 107 degrees during the day and from 43 to 60 degrees at night. Hot weather conditions are taking a toll on summer range and pasture in South-Central areas, while in Northern areas dry conditions are speeding grain maturity. Statewide, for the week ending July 30, reports indicate that farmers had an average of 6.9 days suitable for fieldwork. According to the Idaho Agricultural Statistics Service, major activities during the past week involved, irrigating, weed control, monitoring for disease and pests, harvesting small grains, peaches, mint, dry peas and hay.

CROP REPORT

The harvest of mint is rapidly gaining momentum in the Treasure Valley, while the harvest of lentils lags behind last year and the five year average. County Extension Educators reported that fires started by lightning strikes, damaged some summer and fall range in Power County, some dryland wheat ground in Minidoka County and threatened many grain fields in Bingham County. Jefferson County Extension Educators reported some hail damage to potatoes, grain and alfalfa in the Mud Lake area. Statewide, reports indicate that topsoil moisture was 27% very short, 35% short, and 38% adequate.

LIVESTOCK REPORT

Livestock are doing fine, however fires in Bingham County forced some cattle off mountain ranges.

CROP PROGRESS PERCENTAGES

| | 2000 | 1999 | Avg. |
|----------------------------|------|------|------|
| Oats Headed | 97 | 97 | - |
| Oats Harvested | 3 | 1 | 2 |
| Potatoes Closing Middles | 91 | 92 | 88 |
| Mint Harvested | 77 | 9 | 18 |
| Winter Wheat Turning Color | 99 | 89 | 92 |
| Spring Wheat Turning Color | 75 | 52 | 62 |
| Barley Turning Color | 64 | 54 | 54 |
| Peaches Harvested | 20 | 9 | 11 |
| Dry Peas Harvested | 21 | 15 | 14 |
| Lentils Harvested | 0 | 4 | 2 |

CONDITION INFORMATION

| Percentages | Very | | | | |
|-------------------|------|------|------|------|-----------|
| | Poor | Poor | Fair | Good | Excellent |
| Winter Wheat | 0 | 2 | 17 | 59 | 22 |
| Irr. Water Supply | 8 | 16 | 27 | 33 | 16 |
| Range & Pasture | 17 | 25 | 41 | 17 | 0 |
| Spring Wheat | 0 | 2 | 26 | 61 | 11 |
| Barley | 1 | 6 | 22 | 63 | 8 |
| Potatoes | 0 | 0 | 6 | 63 | 31 |

CROP PROGRESS REPORT PERCENTAGES FOR WEEK ENDING JULY 31, 2000

| Crop | North | | | Southwest | | | South-Central | | | East | | | State | | |
|-------------------------------------|-------|------|-----|-----------|------|-----|---------------|------|-----|------|------|-----|-------|------|-----|
| | 2000 | 1999 | Avg | 2000 | 1999 | Avg | 2000 | 1999 | Avg | 2000 | 1999 | Avg | 2000 | 1999 | Avg |
| Winter Wheat | | | | | | | | | | | | | | | |
| Harvested | 14 | 7 | 8 | 43 | 14 | 19 | 32 | 2 | 10 | 17 | 1 | 3 | 20 | 5 | 8 |
| Spring Wheat | | | | | | | | | | | | | | | |
| Headed | 100 | 96 | 97 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 98 | 96 | 100 | 98 | 97 |
| Harvested | 5 | 1 | 1 | 7 | 2 | 6 | 4 | 0 | 2 | 3 | 1 | 1 | 4 | 1 | 1 |
| Barley | | | | | | | | | | | | | | | |
| Harvested | 7 | 2 | 2 | 16 | 13 | 19 | 23 | 1 | 5 | 3 | 1 | 1 | 9 | 1 | 3 |
| Alfalfa Hay | | | | | | | | | | | | | | | |
| Harvested (2 nd cutting) | 19 | 3 | 18 | 98 | 94 | 86 | 91 | 85 | 76 | 51 | 38 | 26 | 70 | 61 | 52 |
| Harvested (3 rd cutting) | NA | NA | NA | 39 | 19 | 6 | 12 | 5 | 2 | 1 | 2 | 1 | 14 | 7 | 2 |

Avg (1995-1999); NA = Very Small Percentage of Acreage in District.

Don Gerhardt
State Statistician
Idaho Agricultural Statistics Service

Richard Reinhardt
Director
Western Regional Climate Center

Dr. LeRoy D. Luft
Extension Director
University of Idaho

Weather Data For The Week Ending Sunday, July 30, 2000 ^{1/}

| Station | Temperature ^{2/} | | | | Growing Degree Days ^{4/} | | | Precipitation (Inches) | | | | |
|---------------------|---------------------------|-----|------|---------------------|-----------------------------------|-------------------------------|------|------------------------|--------------------|------------------|------------------------------|-------|
| | High | Low | Ave. | Dept. ^{3/} | 40E Base | 50E Base To Date Normal | | Total | Dept ^{3/} | Month of July | March 1 To Date Normal | |
| North | | | | | | | | | | | | |
| Coeur D'Alene | 91 | 46 | 69 | 0 | 2096 | 990 | 1032 | 0.00 | -0.27 | 0.45 | 9.00 | 10.08 |
| Lewiston | 103 | 56 | 78 | 1 | 2933 | 1617 | 1526 | 0.00 | -0.10 | 0.03 | 5.19 | 5.41 |
| Sand Point 5/ | 91 | 48 | -- | -- | 1890 | 845 | 831 | 0.00 | -0.19 | 0.53 | 14.34 | 11.04 |
| Southwest | | | | | | | | | | | | |
| Boise | 101 | 56 | 79 | 3 | 3084 | 1796 | 1448 | 0.00 | -0.07 | 0.03 | 3.91 | 4.73 |
| Caldwell | 99 | 55 | 77 | 0 | 3087 | 1773 | 1694 | 0.00 | -0.05 | 0.00 | 2.62 | 3.89 |
| Emmett | 99 | 55 | 79 | 4 | 2875 | 1610 | 1477 | 0.00 | -0.04 | 0.00 | 3.15 | 4.60 |
| Mountain Home | 104 | 57 | 79 | 4 | 3159 | 1865 | 1429 | 0.00 | -0.08 | 0.00 | 2.84 | 3.83 |
| Parma 5/ | 100 | 55 | -- | -- | 3017 | 1716 | 1405 | 0.00 | -0.05 | 0.00 | 2.88 | 4.25 |
| Weiser 5/ | 97 | 57 | -- | -- | 3160 | 1854 | 1432 | 0.00 | -0.04 | 0.03 | 2.82 | 3.98 |
| Southcentral | | | | | | | | | | | | |
| Buhl | 96 | 60 | 79 | 7 | 2877 | 1646 | 1146 | 0.00 | -0.08 | 0.03 | 2.75 | 3.98 |
| Burley | 107 | 54 | 78 | 7 | 2931 | 1678 | 1120 | 0.00 | -0.10 | 0.37 | 2.66 | 4.13 |
| Hill City | 97 | 44 | 69 | 2 | 1768 | 793 | 708 | 0.00 | -0.11 | 0.02 | 3.28 | 4.62 |
| Hagerman | 101 | 51 | 77 | 3 | 3024 | 1747 | 1609 | 0.00 | -0.05 | 0.00 | 1.70 | 3.56 |
| Malta 5/ | 100 | 45 | -- | -- | 2514 | 1319 | 1084 | 0.00 | -0.23 | 1.09 | 2.58 | 4.61 |
| Twin Falls | 94 | 52 | 75 | 5 | 2563 | 1363 | 1056 | 0.00 | -0.09 | 0.00 | 3.89 | 4.29 |
| East | | | | | | | | | | | | |
| Aberdeen 5/ | 99 | 46 | -- | -- | 2164 | 1093 | 920 | 0.00 | -0.18 | 0.03 | 1.52 | 4.24 |
| Grace | 98 | 44 | 72 | 5 | 2156 | 1083 | 778 | 0.00 | -0.23 | 0.29 | 4.34 | 7.07 |
| Idaho Falls | 97 | 43 | 70 | 1 | 2146 | 1058 | 972 | 0.03 | -0.11 | 0.32 | 4.72 | 5.02 |
| Malad City | 103 | 44 | 81 | 10 | 2943 | 1813 | 1043 | 0.00 | -0.32 | 0.30 | 1.71 | 6.62 |
| Pocatello | 103 | 49 | 75 | 3 | 2459 | 1308 | 1100 | 0.01 | -0.17 | 0.25 | 3.03 | 5.42 |
| Rexburg | 95 | 46 | 70 | 2 | 2108 | 1046 | 874 | 0.00 | -0.26 | 0.25 | 1.56 | 6.58 |
| Salmon | 95 | 46 | 70 | 1 | 2213 | 1072 | 989 | 0.00 | -0.06 | 0.15 | 1.07 | 5.25 |

1/ Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data is quality controlled by the National Climate Center the accumulated growing degree days and precipitation values are updated. 2/-- indicate missing or incomplete data. 3/ Departure from normal. 4/ Totals from March 1. Growing degree days are estimated from neighboring sites for stations with missing or incomplete data. 5/ Precipitation totals are only for days reports were received, no estimates were made for missing data.

Daily High/Low Four Inch Soil Temperatures

| Emmett Station | Monday | | Tuesday | | Wednesday | | Thursday | | Friday | | Saturday | | Sunday | | Average ¹ | |
|----------------|--------|-----|---------|-----|-----------|-----|----------|-----|--------|-----|----------|-----|--------|-----|----------------------|-----|
| | High | Low | High | Low | High | Low | High | Low | High | Low | High | Low | High | Low | High | Low |
| Buhl | 90 | 69 | -- | -- | -- | -- | -- | -- | 90 | 70 | 91 | 70 | 90 | 72 | 90 | 70 |
| Emmett | 92 | 80 | 93 | 79 | 95 | 81 | -- | -- | 94 | 82 | 96 | 81 | 96 | 83 | 94 | 81 |
| Parma | 68 | 67 | -- | -- | -- | -- | -- | -- | 68 | 67 | 69 | 65 | 71 | 69 | 69 | 67 |
| Sandpoint | 73 | 65 | -- | -- | -- | -- | -- | -- | 78 | 66 | -- | -- | 81 | 67 | 77 | 66 |
| Twin Falls | 76 | 63 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 80 | 63 | 78 | 63 |

1/ Averages are only for days reports were received. -- Missing or Incomplete Data.

"IDAHO CROP WEATHER (ISSN 0744-687x) is published weekly April through October for \$12 per year for non reporters, by the Agricultural Statistics Service, 2224 Old Penitentiary Rd, Boise, Idaho 83712. Periodical postage paid at Boise ID. POSTMASTER: Send address changes to IDAHO CROP WEATHER, P.O. Box 1699, Boise, Idaho 83701.