



IDAHO CROP WEATHER



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July Ends With Above Normal Temperatures

Agricultural Summary

The month of July ended with continued hot weather conditions between 2 to 10 degrees above normal. Precipitation levels were limited this past week. The majority of the moisture was concentrated in areas of Southcentral Idaho. For the week ending August 3, major agricultural activities included irrigating, weed and pest control, caring for livestock, harvesting winter wheat, spring wheat, barley, oats, hay, peaches, dry peas, lentils, and mint.

Field Crop Report

Statewide, harvest has progressed ahead of last year and the five year average for most small grains. Lentil harvest has begun in areas of North Idaho and reports show harvest ahead of last year and the five year average. County Extension Educators in Bonneville County indicate that Verticillium wilt is becoming noticeable in some potato fields. Mealybugs have showed up in barley fields in areas of Teton County. Damage has not been determined yet.

Livestock, Pasture and Range Report

After four consecutive weeks of above normal temperatures and minimal precipitation, range and pasture condition continues to decline, but remains mostly fair. Livestock were reported to be in good condition this past week.

Soil Moisture and Days Suitable for Fieldwork

Topsoil moisture condition continues to decline as reports indicate it to be 33% very short, 41% short, and 26% adequate. Statewide, Idaho farmers had an average of 6.90 days suitable for fieldwork during the past week.

Crop Progress Table

| Percentages | 2003 | 2002 | Avg. |
|----------------------------|------|------|------|
| Spring Wheat Turning Color | 88 | 79 | 75 |
| Barley Turning Color | 86 | 80 | 73 |
| Oats Harvested for Grain | 7 | 3 | 5 |
| Mint Harvest (1st cutting) | 41 | 17 | 32 |
| Dry Peas Harvested | 17 | 12 | 29 |
| Lentils Harvested | 13 | 3 | 4 |
| Peaches Harvested | 13 | 13 | 15 |

Condition Table

| Percentages | Very | | | | |
|-------------------|------|------|------|------|-----------|
| | Poor | Poor | Fair | Good | Excellent |
| Winter Wheat | 0 | 2 | 31 | 42 | 25 |
| Spring Wheat | 0 | 12 | 25 | 45 | 18 |
| Barley | 2 | 10 | 26 | 47 | 15 |
| Potatoes | 0 | 2 | 8 | 70 | 20 |
| Irr. Water Supply | 11 | 23 | 37 | 28 | 1 |
| Range & Pasture | 3 | 21 | 46 | 23 | 7 |

Crop Progress District Table

| Crop | North | | | Southwest | | | Southcentral | | | East | | | State | | |
|-------------------------------------|-------|------|-----|-----------|------|-----|--------------|------|-----|------|------|-----|-------|------|-----|
| | 2003 | 2002 | Avg | 2003 | 2002 | Avg | 2003 | 2002 | Avg | 2003 | 2002 | Avg | 2003 | 2002 | Avg |
| Winter Wheat | | | | | | | | | | | | | | | |
| Harvested | 24 | 10 | 18 | 65 | 52 | 42 | 71 | 18 | 23 | 32 | 11 | 16 | 37 | 15 | 20 |
| Spring Wheat | | | | | | | | | | | | | | | |
| Harvested | 11 | 3 | 3 | 55 | 35 | 19 | 4 | 6 | 6 | 2 | 0 | 3 | 6 | 3 | 4 |
| Barley | | | | | | | | | | | | | | | |
| Harvested | 14 | 0 | 4 | 57 | 36 | 29 | 7 | 10 | 14 | 4 | 1 | 3 | 7 | 4 | 7 |
| Alfalfa Hay | | | | | | | | | | | | | | | |
| 2 nd Cutting Harvested . | 42 | 9 | 25 | 85 | 99 | 97 | 90 | 90 | 91 | 57 | 44 | 50 | 71 | 66 | 70 |
| Alfalfa Hay | | | | | | | | | | | | | | | |
| 3 rd Cutting Harvested . | NA | NA | NA | 38 | 13 | 24 | 6 | 5 | 13 | 1 | 0 | 2 | 12 | 5 | 10 |

Avg (1998-2002); NA = Very Small Percentage of Acreage in District.

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Weather Data For The Week Ending Sunday, August 3, 2003 ^{1/}

| Station | Temperature ^{2/} | | | | Growing Degree Days ^{4/} | | | Precipitation (Inches) | | | | | |
|---------------------|---------------------------|-----|------|---------------------|-----------------------------------|-----------------|--------|------------------------|--------------------|-----------------|------------------------|-------|--|
| | High | Low | Ave. | Dept. ^{3/} | 40 Base | 50 Base To Date | Normal | Total | Dept ^{3/} | Month of August | March 1 To Date Normal | | |
| North | | | | | | | | | | | | | |
| Coeur D'Alene 5/ | 97 | 54 | -- | -- | 2514 | 1356 | 1109 | 0.00 | -0.18 | 0.00 | 6.62 | 10.16 | |
| Grangeville | 94 | 58 | 74 | 6 | 2310 | 1226 | 853 | 0.12 | -0.04 | 0.12 | 11.47 | 12.39 | |
| Lewiston | 106 | 63 | 81 | 4 | 3220 | 1888 | 1634 | 0.14 | 0.05 | 0.14 | 6.96 | 5.46 | |
| Sand Point | 98 | 50 | 74 | 8 | 2337 | 1238 | 897 | 0.03 | -0.15 | 0.00 | 10.96 | 11.14 | |
| Southwest | | | | | | | | | | | | | |
| Boise | 106 | 66 | 83 | 7 | 3352 | 2052 | 1552 | 0.01 | -0.05 | 0.01 | 4.81 | 4.77 | |
| Caldwell | 106 | 55 | 81 | 4 | 3321 | 1992 | 1803 | 0.00 | -0.05 | 0.00 | 2.24 | 3.92 | |
| Emmett | 105 | 63 | 82 | 7 | 3292 | 2004 | 1576 | 0.00 | -0.04 | 0.00 | 5.32 | 4.62 | |
| Mountain Home | 106 | 63 | 82 | 6 | 3263 | 2027 | 1532 | 0.24 | 0.16 | 0.24 | 4.36 | 3.87 | |
| Parma 5/ | 105 | 60 | -- | -- | 3385 | 2045 | 1501 | 0.21 | 0.16 | 0.00 | 3.84 | 4.27 | |
| Weiser | 107 | 63 | 85 | 10 | 3459 | 2099 | 1529 | 0.00 | -0.05 | 0.00 | 4.89 | 4.01 | |
| Southcentral | | | | | | | | | | | | | |
| Buhl 5/ | -- | -- | -- | -- | 2773 | 1550 | 1238 | 0.00 | -0.08 | 0.00 | 2.43 | 4.02 | |
| Burley | 96 | 54 | 74 | 3 | 2576 | 1444 | 1205 | 0.43 | 0.34 | 0.43 | 4.96 | 4.18 | |
| Hill City | 96 | 49 | 72 | 5 | 1999 | 1060 | 777 | 0.12 | 0.04 | 0.12 | 4.81 | 4.67 | |
| Hagerman 5/ | -- | -- | -- | -- | 3389 | 2062 | 1705 | 0.00 | -0.06 | 0.00 | 2.13 | 3.59 | |
| Malta | 100 | 54 | 77 | 9 | 2747 | 1555 | 1159 | 0.00 | -0.19 | 0.00 | 3.46 | 4.72 | |
| Twin Falls | 103 | 55 | 76 | 6 | 2668 | 1532 | 1138 | 1.49 | 1.41 | 1.19 | 7.10 | 4.33 | |
| East | | | | | | | | | | | | | |
| Aberdeen | 98 | 47 | 72 | 4 | 2319 | 1296 | 994 | 0.10 | -0.04 | 0.10 | 2.58 | 4.31 | |
| Grace 5/ | 98 | 52 | -- | -- | 2335 | 1335 | 844 | 0.00 | -0.20 | 0.00 | 3.76 | 7.18 | |
| Idaho Falls | 98 | 47 | 72 | 2 | 2310 | 1258 | 1049 | 0.07 | -0.04 | 0.07 | 2.70 | 5.08 | |
| Malad City | 102 | 53 | 79 | 9 | 2560 | 1450 | 1124 | 0.00 | -0.25 | 0.00 | 2.46 | 6.75 | |
| Pocatello | 100 | 51 | 76 | 4 | 2580 | 1492 | 1186 | 0.24 | 0.10 | 0.24 | 3.01 | 5.49 | |
| Rexburg | 98 | 50 | 72 | 4 | 2323 | 1264 | 947 | 0.00 | -0.17 | 0.00 | 3.66 | 6.65 | |
| Salmon | 97 | 50 | 73 | 4 | 2423 | 1327 | 1065 | 0.00 | -0.08 | 0.00 | 0.42 | 5.30 | |

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/ Weekly 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

| 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 |
| Emmett | 96 | 64 | 93 | 77 | 99 | 81 | 97 | 83 | 94 | 81 | 94 | 81 | 86 | 80 | 94 | 78 |
| Parma | 74 | 73 | 75 | 74 | 75 | 74 | 75 | 74 | -- | -- | -- | -- | -- | -- | 75 | 74 |
| Sandpoint | 86 | 72 | 86 | 72 | -- | -- | 87 | 72 | 86 | 73 | 86 | 72 | 80 | 72 | 85 | 72 |
| Twin Falls | 88 | 71 | 89 | 72 | 88 | 67 | 85 | 68 | 80 | 64 | 85 | 70 | 76 | 68 | 84 | 69 |

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