



# IDAHO CROP WEATHER


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## Warm Weather Helps Crop Progress

### Agricultural Summary

Above average temperatures were seen throughout the state during the past week. Temperatures ranged from 37 to 59 at night and from 89 to 108 during the day. Precipitation was scattered across the state, with the moisture that did fall ranging from 0.01 to 0.81 inches. For the week ending July 18, major agricultural activities included feeding and caring for livestock, harvesting hay, spraying insecticide, and preparing equipment for grain harvest.

### Livestock, Pasture and Range Report

Range and Pasture was reported mostly in good condition this past week. Cattle and sheep are also in good condition and grazing summer pastures.

### Field Crop Report

Statewide, small grains remain mostly in good condition. Warm weather has accelerated crop progress this past week. Nez Perce County Extension Educators reported a late season infestation of aphids in both winter and spring cereal crops. Bonneville County Extension Educators are concerned that numerous thunderstorms will lead to late blight in some potatoes. Extension Educators in Payette County reported that apricot harvest is under way, with 60% of the crop already out of the orchards.

### Soil Moisture and Days Suitable for Fieldwork

Topsoil moisture was reported to be 9% very short, 34% short, and 57% adequate. Statewide, Idaho farmers had an average of 6.9 days suitable for fieldwork last week.

**Crop Progress Table**

| Percentages                              | 2004 | 2003 | Avg. |
|--|------|------|------|
| Potatoes 12" High                        | 97   | 99   | 96   |
| Potatoes Closing Middles                 | 90   | 87   | 73   |
| Cherries Harvested                       | 97   | 94   | 95   |
| Winter Wheat Turning Color               | 80   | 79   | 68   |
| Spring Wheat Turning Color               | 33   | 26   | 27   |
| Barley Turning Color                     | 42   | 32   | 32   |
| Mint Harvested (1 <sup>st</sup> Cutting) | 11   | 16   | 12   |

**Condition Table**

| Percentages       | Very |      |      |      |           |
|-------------------|------|------|------|------|-----------|
|                   | Poor | Poor | Fair | Good | Excellent |
| Winter Wheat      | --   | 3    | 8    | 73   | 16        |
| Spring Wheat      | --   | 1    | 9    | 77   | 13        |
| Barley            | --   | 3    | 7    | 76   | 14        |
| Potato            | --   | 1    | 7    | 78   | 14        |
| Irr. Water Supply | 4    | 26   | 36   | 34   | --        |
| Range & Pasture   | --   | 5    | 26   | 58   | 11        |

**Crop Progress District Table**

| Crop                                | North |      |     | Southwest |      |     | South-Central |      |     | East |      |     | State |      |     |
|-------------------------------------|-------|------|-----|-----------|------|-----|---------------|------|-----|------|------|-----|-------|------|-----|
|                                     | 2004  | 2003 | Avg | 2004      | 2003 | Avg | 2004          | 2003 | Avg | 2004 | 2003 | Avg | 2004  | 2003 | Avg |
| Spring Wheat                        |       |      |     |           |      |     |               |      |     |      |      |     |       |      |     |
| Headed .....                        | 100   | 85   | 83  | 100       | 100  | 100 | 99            | 100  | 99  | 90   | 93   | 86  | 94    | 93   | 89  |
| Barley                              |       |      |     |           |      |     |               |      |     |      |      |     |       |      |     |
| Headed .....                        | 100   | 85   | 78  | 100       | 100  | 100 | 99            | 99   | 99  | 89   | 89   | 88  | 93    | 91   | 89  |
| Winter Wheat                        |       |      |     |           |      |     |               |      |     |      |      |     |       |      |     |
| Harvested .....                     | 1     | 5    | 2   | 8         | 12   | 7   | 4             | 2    | 1   | --   | 1    | 1   | 2     | 4    | 2   |
| Alfalfa Hay 1 <sup>st</sup> Cutting |       |      |     |           |      |     |               |      |     |      |      |     |       |      |     |
| Harvested .....                     | 100   | 99   | 92  | 100       | 100  | 100 | 100           | 100  | 100 | 93   | 99   | 98  | 97    | 99   | 99  |
| Alfalfa Hay 2 <sup>nd</sup> Cutting |       |      |     |           |      |     |               |      |     |      |      |     |       |      |     |
| Harvested .....                     | --    | 7    | 4   | 87        | 77   | 86  | 81            | 72   | 68  | 15   | 13   | 13  | 47    | 43   | 43  |

Avg (1998-2003); NA = Very Small Percentage of Acreage in District.

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## Weather Data For The Week Ending Sunday, July 18, 2004 <sup>1/</sup>

| Station             | Temperature <sup>2/</sup> |     |      |                     | Growing Degree Days <sup>4/</sup> |                               |      | Precipitation (Inches) |                    |                  |                              |       |  |
|---------------------|---------------------------|-----|------|---------------------|-----------------------------------|-------------------------------|------|------------------------|--------------------|------------------|------------------------------|-------|--|
|                     | High                      | Low | Ave. | Dept. <sup>3/</sup> | 40° Base                          | 50° Base<br>To Date    Normal |      | Total                  | Dept <sup>3/</sup> | Month of<br>July | March 1<br>To Date    Normal |       |  |
| <b>North</b>        |                           |     |      |                     |                                   |                               |      |                        |                    |                  |                              |       |  |
| Coeur D'Alene 5/    | 93                        | 46  | --   | --                  | 1974                              | 855                           | 806  | 0.00                   | -0.26              | 0.02             | 4.78                         | 9.55  |  |
| Grangeville         | 89                        | 47  | 72   | 7                   | 1741                              | 691                           | 574  | 0.50                   | 0.13               | 0.88             | 12.46                        | 12.86 |  |
| Lewiston            | 105                       | 54  | 82   | 9                   | 2784                              | 1484                          | 1206 | 0.04                   | -0.13              | 0.07             | 6.24                         | 5.64  |  |
| Sand Point 5/       | 90                        | 43  | --   | --                  | 1875                              | 817                           | 627  | 0.00                   | -0.39              | 0.38             | 10.28                        | 11.44 |  |
| <b>Southwest</b>    |                           |     |      |                     |                                   |                               |      |                        |                    |                  |                              |       |  |
| Boise               | 104                       | 59  | 83   | 9                   | 2802                              | 1525                          | 1154 | 0.05                   | -0.03              | 0.05             | 3.56                         | 4.93  |  |
| Caldwell 5/         | 100                       | 50  | --   | --                  | 2801                              | 1496                          | 1370 | 0.00                   | -0.07              | 0.00             | 1.12                         | 4.34  |  |
| Emmett 5/           | 103                       | 53  | --   | --                  | 2596                              | 1354                          | 1145 | 0.00                   | -0.06              | 0.00             | 2.73                         | 5.08  |  |
| Mountain Home       | 108                       | 50  | 83   | 9                   | 2750                              | 1499                          | 1139 | 0.00                   | -0.07              | 0.00             | 3.53                         | 3.68  |  |
| Parma 5/            | 101                       | 51  | --   | --                  | 2680                              | 1409                          | 1121 | 0.00                   | -0.08              | 0.00             | 3.08                         | 4.37  |  |
| Weiser              | 101                       | 57  | 80   | 7                   | 2836                              | 1551                          | 1188 | 0.00                   | -0.07              | 0.15             | 1.87                         | 4.42  |  |
| <b>Southcentral</b> |                           |     |      |                     |                                   |                               |      |                        |                    |                  |                              |       |  |
| Buhl 5/             | --                        | --  | --   | --                  | 2161                              | 974                           | 898  | 0.00                   | -0.06              | 0.00             | 1.31                         | 4.13  |  |
| Burley              | 95                        | 47  | 73   | 3                   | 2066                              | 931                           | 929  | 0.03                   | -0.04              | 0.06             | 3.05                         | 4.36  |  |
| Hill City           | 95                        | 37  | 71   | 7                   | 1460                              | 588                           | 473  | 0.12                   | 0.01               | 0.50             | 1.93                         | 4.53  |  |
| Hagerman 5/         | --                        | --  | --   | --                  | 2842                              | 1570                          | 1282 | 0.00                   | -0.05              | 0.00             | 0.71                         | 3.81  |  |
| Malta               | 97                        | 46  | 74   | 6                   | 2072                              | 957                           | 795  | 0.07                   | -0.08              | 0.07             | 2.85                         | 4.62  |  |
| Twin Falls          | 95                        | 50  | 74   | 6                   | 2249                              | 1111                          | 805  | 0.06                   | -0.00              | 0.06             | 3.52                         | 4.56  |  |
| <b>East</b>         |                           |     |      |                     |                                   |                               |      |                        |                    |                  |                              |       |  |
| Aberdeen 5/         | 93                        | 47  | --   | --                  | 1726                              | 788                           | 695  | 0.00                   | -0.12              | 0.00             | 3.10                         | 3.87  |  |
| Grace 5/            | 95                        | 44  | --   | --                  | 1621                              | 699                           | 583  | 0.01                   | -0.23              | 0.05             | 4.84                         | 6.94  |  |
| Idaho Falls         | 95                        | 43  | 71   | 3                   | 1640                              | 728                           | 730  | 0.34                   | 0.18               | 0.42             | 4.42                         | 4.89  |  |
| Malad City          | 97                        | 49  | 76   | 7                   | 2016                              | 942                           | 780  | 0.00                   | -0.24              | 0.00             | 3.12                         | 6.12  |  |
| Pocatello           | 99                        | 46  | 75   | 5                   | 2036                              | 939                           | 821  | 0.81                   | 0.66               | 0.92             | 4.54                         | 5.27  |  |
| Rexburg             | 92                        | 44  | 70   | 4                   | 1718                              | 730                           | 658  | 0.00                   | -0.21              | 0.08             | 4.18                         | 6.25  |  |
| Salmon 5/           | 97                        | 48  | --   | --                  | 1370                              | 616                           | --   | 0.01                   | --                 | 0.15             | 3.38                         | --    |  |

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 <sup>1/</sup> |     |
|------------|--------|-----|---------|-----|-----------|-----|----------|-----|--------|-----|----------|-----|--------|-----|-----------------------|-----|
|            | High   | Low | High    | Low | High      | Low | High     | Low | High   | Low | High     | Low | High   | Low | High                  | Low |
| Emmett     | 92     | 79  | --      | --  | --        | --  | --       | --  | 91     | 81  | --       | --  | 97     | 85  | 93                    | 82  |
| Parma      | 75     | 73  | --      | --  | 75        | 73  | 76       | 74  | 76     | 74  | --       | --  | --     | --  | 76                    | 74  |
| Sandpoint  | 74     | 62  | 77      | 62  | 78        | 62  | --       | --  | 84     | 69  | --       | --  | --     | --  | 78                    | 64  |
| Twin Falls | 78     | 62  | --      | --  | 78        | 66  | --       | --  | 77     | 66  | 79       | 72  | 80     | 71  | 78                    | 67  |

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