

## Snowpack Report

Water Division 3

May 1, 2017

### Wind River Drainage

| Snow Course              | Type          | Snow Depth (inches) |           | Water Content (inches) |           | Median    | Percent Median |            |
|--------------------------|---------------|---------------------|-----------|------------------------|-----------|-----------|----------------|------------|
|                          |               | 2017                | Last year | 2017                   | Last Year | 1981-2010 | 2017           | Last Year  |
| Burroughs Creek          | SNOTEL        | 45                  | 23        | 20.3                   | 7.0       | new       | new            | new        |
| Castle Creek             | SNOTEL        | 17                  | 0         | 7.5                    | 0.0       | new       | new            | new        |
| Castle Creek             | Manual Course | *                   | 0         | *                      | 0.0       | 1.0       | *              | 0          |
| Cold Springs             | SNOTEL        | 43                  | 33        | 16.1                   | 7.5       | 1.3       | 1238           | 577        |
| Dunoir                   | Manual Course | 34                  | 5         | 11.8                   | 1.3       | 4.1       | 288            | 32         |
| Geyser Creek             | Manual Course | 34                  | *         | 12.8                   | 1.2       | 3.3       | 388            | *          |
| Little Warm              | SNOTEL        | 53                  | 25        | 19.2                   | 8.0       | 8.7       | 221            | 92         |
| Sheridan R.S.            | Manual Course | 4                   | 0         | 0.2                    | 0.0       | 2.1       | 10             | 0          |
| T-Cross                  | Manual Course | 19                  | 0         | 6.6                    | 0         | 1.2       | 550            | 0          |
| Togwotee Pass            | SNOTEL        | 102                 | 61        | 37.0                   | 22.3      | 24.7      | 150            | 90         |
| <b>Drainage Average:</b> |               |                     |           |                        |           |           | <b>406</b>     | <b>113</b> |

### Little Wind River Drainage

| Snow Course              | Type          | Snow Depth (inches) |           | Water Content (inches) |           | Median    | Percent Median |            |
|--------------------------|---------------|---------------------|-----------|------------------------|-----------|-----------|----------------|------------|
|                          |               | 2017                | Last year | 2017                   | Last Year | 1981-2010 | 2017           | Last Year  |
| Blue Ridge               | Manual Course | 64                  | 53        | 27.4                   | 14.3      | 10.6      | 258            | 135        |
| Deer Park                | SNOTEL        | 93                  | 65        | 37.2                   | 19.5      | 16.0      | 233            | 122        |
| Grannier Meadows         | Manual Course | 62                  | 46        | 27.8                   | 13.4      | 11.6      | 240            | 116        |
| Hobbs Park               | SNOTEL        | 104                 | 69        | 35.0                   | 20.8      | 16.0      | 219            | 130        |
| Middle Fork              | Manual Course | 19                  | 34        | 6.3                    | 8.6       | 1.8       | 350            | 478        |
| South Pass               | SNOTEL        | 89                  | 59        | 34.5                   | 16.9      | 14.9      | 232            | 113        |
| St. Lawrence Alt.        | SNOTEL        | 28                  | 25        | 9.6                    | 6.0       | 2.5       | 384            | 240        |
| Townsend Creek           | SNOTEL        | 63                  | 51        | 19.9                   | 13.0      | 7.5       | 265            | 173        |
| <b>Drainage Average:</b> |               |                     |           |                        |           |           | <b>273</b>     | <b>188</b> |

### Big Horn River

| Snow Course              | Type          | Snow Depth (inches) |           | Water Content (inches) |           | Median    | Percent Median |            |
|--------------------------|---------------|---------------------|-----------|------------------------|-----------|-----------|----------------|------------|
|                          |               | 2017                | Last year | 2017                   | Last Year | 1981-2010 | 2017           | Last Year  |
| Owl Creek                | SNOTEL        | 25                  | 18        | 9.0                    | 3.2       | 1.0       | 900            | 320        |
| Kirwin                   | SNOTEL        | 68                  | 40        | 26.2                   | 13.0      | 10.4      | 252            | 125        |
| Onion Gulch              | Manual Course | 34                  | 27        | 9.2                    | 6.0       | 7.0       | 131            | 86         |
| Timber Creek             | SNOTEL        | 25                  | 15        | 8.1                    | 5.9       | 3.1       | 261            | 190        |
| Medicine Lodge Lakes     | Manual Course | 44                  | 31        | 13.0                   | 8.6       | 11.0      | 118            | 78         |
| Grave Springs            | SNOTEL        | 35                  | 33        | 11.2                   | 9.4       | 9.4       | 119            | 100        |
| Middle Powder            | SNOTEL        | 42                  | 44        | 13.0                   | 13.2      | 11.6      | 112            | 114        |
| Bear Trap Meadow         | SNOTEL        | 24                  | 15        | 7.0                    | 3.8       | 0.9       | 778            | 422        |
| Shell Creek              | SNOTEL        | 67                  | 48        | 20.2                   | 14.2      | 15.9      | 127            | 90         |
| Bone Springs Divide      | SNOTEL        | 68                  | 45        | 23.4                   | 14.7      | 16.5      | 142            | 89         |
| Bald Mountain            | SNOTEL        | 77                  | 50        | 24.1                   | 17.1      | 20.5      | 118            | 83         |
| Powder River Pass        | SNOTEL        | 37                  | 25        | 11.7                   | 8.2       | 9.4       | 124            | 87         |
| Ranger Creek             | Manual Course | 25                  | 23        | 8.4                    | 6.6       | 6.1       | 138            | 108        |
| <b>Drainage Average:</b> |               |                     |           |                        |           |           | <b>255</b>     | <b>146</b> |

**Shoshone River**

| Snow Course              | Type   | Snow Depth (inches) |           | Water Content (inches) |           | Median    | Percent Median |           |
|--------------------------|--------|---------------------|-----------|------------------------|-----------|-----------|----------------|-----------|
|                          |        | 2017                | Last year | 2017                   | Last Year | 1981-2010 | 2017           | Last Year |
| Younts Peak              | SNOTEL | 50                  | 10        | 23.5                   | 5.1       | 15.5      | 152            | 33        |
| Blackwater               | SNOTEL | 113                 | 34        | 42.0                   | 24.2      | 25.3      | 166            | 96        |
| Sylvan Road              | SNOTEL | 0                   | 0         | 0.0                    | 0.0       | 5.8       | 0              | 0         |
| Marquette                | SNOTEL | 61                  | 24        | 20.4                   | 8.5       | new       | new            | new       |
| Evening Star             | SNOTEL | 108                 | 65        | 41.7                   | 24.9      | 24.9      | 167            | 100       |
| <b>Drainage Average:</b> |        |                     |           |                        |           |           | <b>121</b>     | <b>76</b> |

\* No value available

**Comments:**

\* Burroughs Creek SNOTEL site burned in a wildfire in the summer of 2013 and the site was rebuilt in the summer of 2014. This is now considered a new site and no median value is available.

This information is provided as a public service from the Wyoming State Engineer's Office.

Manual snow surveys are conducted at the end of January, February, March and April. Data from these surveys is combined with data from automated SNOTEL sites to calculate average snowpack values. For more information you can contact Ryan Mikesell or Josh Fredrickson at 856-0747.