



Water-Data Report 2007

**09222000 BLACKS FORK NEAR LYMAN, WY**

Upper Green Basin  
Blacks Fork Subbasin

LOCATION.--Lat 41°27'08", long 110°10'20" referenced to North American Datum of 1927, in SW ¼ NW ¼ SW ¼ sec.15, T.17 N., R.113 W., Uinta County, WY, Hydrologic Unit 14040107, 200 ft downstream from bridge on old U.S. Highway 30S, 8.5 mi downstream from Smiths Fork, and 11 mi northeast of Lyman.

DRAINAGE AREA.--821 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1962 to 1989, October 1995 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1962 to September 1983.

WATER TEMPERATURES: May 1962 to September 1983.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

| Date       | Time | Instantaneous discharge, cfs (00061) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unf 25 degC µS/cm (00095) | Temperature, air, deg C (00020) | Temperature, water, deg C (00010) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate + nitrite water, fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Orthophosphate, water, fltrd, mg/L as P (00671) |
|------------|------|--------------------------------------|------------------------------------|--------------------------------|---|---|---|---------------------------------|-----------------------------------|---|---|---|---|
| <b>Nov</b> |      |                                      |                                    |                                |   |   |   |                                 |                                   |   |   |   |   |
| 17...      | 1100 | 77                                   | 606                                | 10.6                           | 92  | 8.8   | 1,630   | .1                              | .1                                | <.020                                   | <.06  | <.002                                   | E.004   |
| <b>Mar</b> |      |                                      |                                    |                                |   |   |   |                                 |                                   |   |   |   |   |
| 21...      | 1000 | 152                                  | 600                                | 8.4                            | 87  | 8.5   | 942   | 10.5                            | 6.5                               | .036                                    | E.06  | .005                                    | .012  |
| <b>May</b> |      |                                      |                                    |                                |   |   |   |                                 |                                   |   |   |   |   |
| 03...      | 1000 | 18                                   | 593                                | 8.4                            | 94  | 7.4   | 2,110   | 6.0                             | 8.8                               | <.020                                   | <.06  | <.002                                   | .007  |
| <b>Aug</b> |      |                                      |                                    |                                |   |   |   |                                 |                                   |   |   |   |   |
| 01...      | 1350 | 8.9                                  | 608                                | 7.6                            | 123   | 8.4   | 1,820   | 31.5                            | 27.9                              | <.020                                   | <.06  | <.002                                   | .007  |

## 09222000 BLACKS FORK NEAR LYMAN, WY—Continued

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 2 of 2

[Remark codes: &lt;, less than; E, estimated.]

| Date                | E coli,<br>modif.<br>m-TEC,<br>water,<br>col/<br>100 mL<br>(90902) | Fecal<br>coli-<br>form,<br>M-FC<br>0.7u MF<br>col/<br>100 mL<br>(31625) | Sus-<br>pended<br>sedi-<br>ment<br>concen-<br>tration<br>mg/L<br>(80154) | Sus-<br>pended<br>sedi-<br>ment<br>dis-<br>charge,<br>tons/d<br>(80155) |
|---------------------|--|---|--|---|
| <b>Nov</b><br>17... | E19  | E21   | 459  | 95  |
| <b>Mar</b><br>21... | E12  | 44  | 722  | 296   |
| <b>May</b><br>03... | 68   | 87  | 101  | 4.8   |
| <b>Aug</b><br>01... | 23   | 37  | 27   | .65   |