



Water-Data Report 2006

445832106551401 YOUNGS CREEK ABOVE MOUTH, NEAR DECKER, MT

Tongue Basin
Upper Tongue Subbasin

LOCATION.--Lat 44°58'32", long 106°55'14" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec.30, T.58 N., R.83 W., Sheridan County, WY, Hydrologic Unit 10090101, at Wyoming Highway 338, 1.2 mi upstream from mouth, near Decker.

DRAINAGE AREA.--62.3 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2002 to current year.

GAGE.--None. Elevation at sampling site is 3,570 ft, referenced to the National Geodetic Vertical Datum of 1929.

REMARKS.--Water-quality sample was collected in conjunction with biological sample (fish and aquatic macro invertebrates). Biological data are not yet available for publication.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 1 of 2

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity white light, 90+/-30 corrctd NTRU (63676)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
Jun 27...	1400	.58	18	669	9.2	115	8.3	1,000	37.0	19.5	500	70.5	79.2

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

Date	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Residue water, dissolved, tons/d (70302)
Jun 27...	9.10	.9	44.7	376	2.47	.71	12.6	194	639	.87	1.00