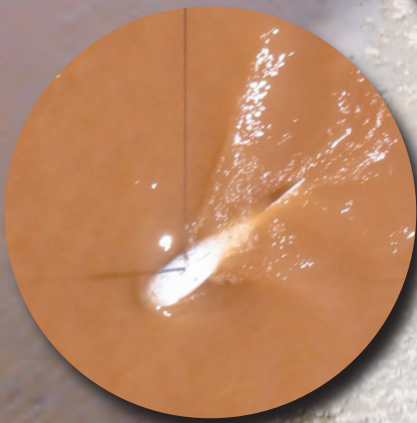


Prepared in cooperation with the
Upper Colorado Endangered Fish Recovery Program
Bureau of Reclamation
U.S. Fish and Wildlife Service
Wyoming State Engineer's Office

Summary of Fluvial Sediment Collected at Selected Sites on the Gunnison River in Colorado and the Green and Duchesne Rivers in Utah, Water Years 2005–2008



Data Series 409

U.S. Department of the Interior
U.S. Geological Survey

Cover: Upstream view of the Green River at the Green River near Jensen, Utah, streamflow-gaging station, February 27, 2006 (photograph by C.A. Williams).

Top and bottom insets: Exposed cobble bars near the Green River near Jensen, Utah, streamflow-gaging station, February 27, 2006 (photograph by C.A. Williams).

Right inset: Peak streamflow inundating flood-plain vegetation at the Green River near Jensen, Utah, streamflow-gaging station, May 25, 2005 (photograph by C.A. Williams).

Left inset: Suspended-sediment sampler in the Green River at the Green River near Jensen, Utah, streamflow-gaging station, September 12, 2006 (photograph by C.A. Williams).

Summary of Fluvial Sediment Collected at Selected Sites on the Gunnison River in Colorado and the Green and Duchesne Rivers in Utah, Water Years 2005–2008

By Cory A. Williams, Steven J. Gerner, and John G. Elliott

Prepared in cooperation with the

UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

BUREAU OF RECLAMATION

U.S. FISH AND WILDLIFE SERVICE

WYOMING STATE ENGINEER'S OFFICE

Data Series 409

**U.S. Department of the Interior
U.S. Geological Survey**

U.S. Department of the Interior
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Conversion Factors, Vertical Datum, and Abbreviations

Inch/Pound to SI		
Multiply	By	To obtain
Length		
inch (in.)	2.54	centimeter (cm)
foot (ft)	0.3048	meter (m)
yard (yd)	0.9144	meter (m)
mile (mi)	1.609	kilometer (km)
Area		
acre	4,047	square meter (m ²)
square mile (mi ²)	2.590	square kilometer (km ²)
Flow rate		
acre-foot per year (acre-ft/yr)	1,233	cubic meter per year (m ³ /yr)
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second (m ³ /s)
inch per year (in/yr)	25.4	millimeter per year (mm/yr)
Mass		
ounce, avoirdupois (oz)	28.35	gram (g)
pound, avoirdupois (lb)	0.4536	kilogram (kg)
ton per day (ton/d)	0.9072	metric ton per day

Temperature in degrees Fahrenheit (°F) may be converted to degrees Celsius (°C) as follows:

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) / 1.8$$

Vertical coordinate information is referenced to the North American Vertical Datum of 1988 (NAVD88).

Horizontal coordinate information is referenced to the North American Datum of 1983 (NAD83).

Water year is a continuous period from October 1 to September 30 with the year of designation determined by the ending calendar year.

Summary of Fluvial Sediment Collected at Selected Sites on the Gunnison River in Colorado and the Green and Duchesne Rivers in Utah, Water Years 2005–2008

By Cory A. Williams, Steven J. Gerner, and John G. Elliott

Abstract

The Colorado River Basin provides habitat for 14 native fish, including four endangered species protected under the Federal Endangered Species Act of 1973—Colorado pikeminnow (*Ptychocheilus lucius*), razorback sucker (*Xyrauchen texanus*), bonytail (*Gila elegans*), and humpback chub (*Gila cypha*). These endangered fish species once thrived in the Colorado River system, but water-resource development, including the building of numerous diversion dams and several large reservoirs, and the introduction of nonnative fish, resulted in large reductions in the numbers and range of the four species. Knowledge of sediment dynamics in river reaches important to specific life-stages of the endangered fishes is critical to understanding the effects of flow regimes on endangered fish habitats. The U.S. Geological Survey, in cooperation with the Upper Colorado River Endangered Fish Recovery Program, Bureau of Reclamation, U.S. Fish and Wildlife Service, and Wyoming State Engineer's Office, implemented daily sediment sampling at three locations in critical habitat reaches in the Upper Colorado River Basin. This report presents a summary of data collected at these sites, including water and suspended-sediment discharge, streambed compositions, and channel and flood-plain topography. The locations are at U.S. Geological Survey streamflow-gaging stations 09152500, Gunnison River near Grand Junction, Colorado; 09261000, Green River near Jensen, Utah; and 09302000, Duchesne River near Randlett, Utah.

Introduction

The Colorado River Basin provides habitat for 14 native fish, including four endangered species protected under the Federal Endangered Species Act of 1973 (Public Law 93–205, Approved December 28, 1973; As Amended Through Public Law 107–136, January 24, 2002): Colorado pikeminnow (*Ptychocheilus lucius*), razorback sucker (*Xyrauchen texanus*), bonytail (*Gila elegans*), and humpback chub (*Gila cypha*). In 1988, the Upper Colorado River Endangered Fish Recovery

Program (hereinafter, Recovery Program), a coalition of agencies and organizations, began conducting research and improving river habitat for these species (U.S. Fish and Wildlife Service, 2008a). In March 1994, the U.S. Department of the Interior designated 1,980 miles of the Colorado River as “critical habitat” for the Colorado pikeminnow, razorback sucker, bonytail, and humpback chub (U.S. Fish and Wildlife Service, 2008b). These endangered fish species once thrived in the Colorado River system, but water-resource development, including the building of numerous diversion dams and several large reservoirs, and the introduction of nonnative fish, resulted in large reductions in the numbers and range of the four species (U.S. Fish and Wildlife Service, 2008a).

Since 1998, coordinated releases from reservoirs within the Upper Colorado River Basin have been implemented to re-create more natural flow patterns to assist recovery efforts (U.S. Fish and Wildlife Service, 2008c). These more natural streamflows provide larger peaks during snowmelt runoff and provide additional base flow during late summer during dry years. These streamflows are more similar to pre-water-development conditions, but a thorough understanding of the effects of these flows on geomorphic processes and habitat response has yet to be gained.

The underlying geomorphic processes relevant to the formation and maintenance of backwater habitats needed by endangered native fish in the Upper Colorado River Basin are somewhat poorly understood. The effects of peak- and base-flow variability (magnitude and duration) on sediment deposition and erosion and antecedent conditions such as quantity and availability of habitat need further study. Knowledge of sediment dynamics in river reaches important to specific life-stages of the endangered fishes is critical to understanding the effects of flow regimes on endangered fish habitats. Based upon a report titled “Recommended Priorities for Geomorphology Research in Endangered Fish Habitats of the Upper Colorado River Basin” (LaGory and others, 2003), the Recovery Program requested installation and operation of sediment samplers in conjunction with existing streamflow gages to supplement and expand existing sediment knowledge in critical habitat reaches.

Purpose and Scope

The purpose of this report is to describe collection methods and to present hydrologic, sedimentologic, and geomorphic data at three locations in critical habitat reaches in the Upper Colorado River Basin. The U.S. Geological Survey, in cooperation with the Upper Colorado River Endangered Fish Recovery Program, Bureau of Reclamation, U.S. Fish and Wildlife Service, and Wyoming State Engineer's Office, implemented daily sediment sampling at these locations. These data will aid in the understanding of sediment transport at these locations, which are believed to be important for habitat monitoring efforts for evaluating future flow recommendations for the Gunnison, Green, and Duchesne Rivers. This report presents a summary of data collected at these sites, including water and suspended-sediment discharge, streambed compositions, and channel and flood-plain topography. The locations are at U.S. Geological Survey streamflow-gaging stations 09152500, Gunnison River near Grand Junction, Colorado; 09261000, Green River near Jensen, Utah; and 09302000, Duchesne River near Randlett, Utah.

Description of Study Areas

Gunnison River Basin

The Gunnison River originates in south-central Colorado and drains approximately 8,000 square miles. The upper Gunnison River drains areas west of the Continental Divide and flows into the Wayne Aspinall Unit of the Colorado River Storage Project (Blue Mesa, Morrow Point, and Crystal Reservoirs). The lower Gunnison River begins downstream from Crystal Reservoir and continues flowing west through the town of Delta to the confluence with the Colorado River near Grand Junction, Colorado. Elevations range from 13,790 feet in the headwaters to 4,570 feet at the confluence (The National Map Seamless Server, 1999). Annual precipitation rates are a mixture of alpine and arid climates with annual totals ranging from 50 inches to 9 inches annually (PRISM Group, 2008). Forest and herbaceous grasslands are the most abundant land cover in the alpine areas, with forest and shrublands most abundant in the high-desert landscapes; lesser areas of barren land lie along mountain peaks, and agricultural and urban areas are primarily located along the valley bottoms (National Atlas, 2008).

The Gunnison River is a large tributary to the Upper Colorado River, contributing more than 40 percent of the annual streamflow leaving Colorado (based on a comparison of annual streamflow record totals for 09152500, Gunnison River near Grand Junction, Colorado, period of record 1897–2007; and 09163500, Colorado River near Colorado–Utah State line, period of record 1951–2007 [U.S. Geological Survey, 2007]). Common to the mountainous Western United States, snowmelt runoff during late spring and early summer (April–July) produces the majority of streamflow in the Gunnison River Basin. With the exception of occasional monsoonal rain, infrequent fall snowmelt, and irrigation return flows, during base flow the

surrounding highlands in the lower Gunnison River contribute little streamflow to the main stem of the Gunnison River (Butler and Leib, 2002). Since completion of the Aspinall Storage Unit (1967), the timing and volume of streamflow have changed in the lower Gunnison River. Peak streamflows during April through July are more attenuated, and low flows during August through March have increased following completion of the Aspinall Storage Unit. However, mean annual discharge decreased only slightly (Kuhn and Williams, 2004).

Tributaries in the upper Gunnison River Basin drain alpine areas predominantly composed of igneous rocks of Tertiary age and metamorphic rocks of Precambrian age (Reed and Bush, 2005, 2007). Tributaries in the lower Gunnison River basin drain arid areas predominantly composed of sedimentary rocks of Cretaceous and Jurassic age (Reed and Bush, 2005, 2007). Differences in lithology contribute to the width and slope of the river valleys; erosion-resistant crystalline rocks produce steeper, narrower canyons, and more erosive sedimentary rocks produce wider, lower gradient reaches (for example, the Uncompahgre valley). These differences can also affect sediment transport and storage and the relative thickness of alluvium in and around the river channel.

Green River Basin

The Green River transports runoff from more than 44,200 square miles of contributing areas in Wyoming, Colorado, and Utah (not including the Great Divide Closed Basin). It is the largest tributary in the Upper Colorado River Basin (Seaber and others, 1987). The Green River drains areas west of the Continental Divide in Wyoming, flowing first into Fontenelle Reservoir and then Flaming Gorge Reservoir near the Wyoming–Utah State line where it goes into Utah and then flows east into Colorado before it continues back into Utah toward the town of Vernal. The Green River then flows south to Green River, Utah, and continues south to the confluence with the Colorado River.

The major tributaries are the Yampa River, Duchesne River, White River, Price River, and San Rafael River. The upper basin tributaries of the watershed generally drain snowmelt from the igneous and metamorphic lithologies of several mountain ranges, whereas the lower basin tributaries generally drain more arid regions of sedimentary lithologies. Sediment sources tend to correlate with lithology and precipitation patterns, and a large amount of the annual sediment load is supplied to the Green River from the Little Snake River, by way of the Yampa River (Andrews, 1978, 1986).

Streamflow in the Green River has been regulated by Flaming Gorge Reservoir since November 1962. Regulation by the reservoir has altered the magnitude and timing of the instantaneous peak discharge in the Green River downstream from the reservoir, but not the annual volume of runoff (Elliott and Anders, 2005). Streamflow regulation also has had a significant effect on sediment transport and the geomorphology of the Green River downstream from Flaming Gorge (Andrews, 1986).

Duchesne River Basin

The Duchesne River originates in northeastern Utah and drains approximately 4,000 square miles. The river flows in a mostly easterly direction to the confluence with the Green River near Ouray, Utah. Elevations in the drainage basin range from 13,490 feet in the headwaters to 4,640 feet at the confluence (The National Map Seamless Server, 1999). Annual precipitation rates are a mixture of alpine and arid climates with annual totals ranging from more than 45 inches to less than 10 inches annually (PRISM Group, 2008). Forest and herbaceous grassland covers predominate the alpine areas, and forest and shrub lands dominate in the high-desert landscapes; lesser amounts of barren land lie along mountain peaks, and agricultural and urban areas are located along the valley bottoms (National Atlas, 2008).

The Duchesne River is a large tributary of the Green River, contributing about 382,000 acre-feet of water per year, or about 9 percent of the average annual streamflow of the Green River at Green River, Utah (based on a comparison of annual streamflow record totals for 09302000, Duchesne River near Randlett, Utah, period of record 1943–2007; and 09315000, Green River near Green River, Utah, periods of record 1895–1899 and 1906–2007 [U.S. Geological Survey, 2007]). Snowmelt runoff typically occurs during April through June, but occasional monsoonal-rain events also can cause substantial flows. Tributaries drain alpine areas predominantly composed of Precambrian, Paleozoic, and Tertiary-age sedimentary rocks, and more arid areas to the south are predominantly composed of sedimentary rocks of Tertiary age (Reed and Bush, 2005, 2007).

Natural streamflows have been regulated by reservoirs constructed between the 1920s and 1980s, including Strawberry Reservoir, Starvation Reservoir, and numerous smaller reservoirs and impoundments. Strawberry and Starvation Reservoirs provide irrigation and municipal water supply both within and outside the Duchesne River Basin. Natural streamflows also are affected by many irrigation diversions for agricultural and range land and by return flows from those irrigated lands.

Streamflow Records

Instantaneous and daily-mean streamflows used in this report were obtained from the U.S. Geological Survey National Water Information System (NWIS) and were measured using standard techniques (Carter and Davidian, 1958; Rantz, 1982) and computed by methods outlined in the U.S. Geological Survey Water-Data Reports (2007). U.S. Geological Survey streamflow-gaging station records from 09152500, Gunnison River near Grand Junction, Colorado; 09261000, Green River near Jensen, Utah; and 09302000, Duchesne River near Randlett, Utah, are presented in this report.

Suspended-Sediment Sampling Methods

Seasonal, or hysteretic, variability in sediment supply and transport is common to many rivers. A strong hysteresis effect can be addressed with a sampling design that targets annual hydrograph seasons. For each site, the sampling method was separated into four seasons: (1) Rising limb of the snowmelt-runoff period, (2) falling limb of the snowmelt runoff period, (3) base flow, and (4) monsoonal-rain events.

The sampling strategy for the snowmelt-runoff period (seasons 1 and 2) was to cover the full range of discharges at each site during both the rising and falling limbs to account for observed seasonality, with added emphasis on characterization of the highest streamflows and peak. Sampling during the base-flow period (seasons 3 and 4) occurred at regular intervals and as warranted by monsoonal-rain events.

Sampling was done from March to November for the Gunnison and Green Rivers and from April to July for the Duchesne River on the basis of site-specific collection objectives. Evaluation of the previous years' sampling design allowed for year-to-year adjustments in the sampling schedule so appropriate discharge ranges could be sampled and sample coverage could be maximized. Suspended sediment was collected at a frequency needed to calculate daily-mean suspended-sediment concentrations and daily loads for the time period covered by each sampling effort.

Suspended-sediment samples were collected using conventional USGS methods described in Guy and Norman (1970), Edwards and Glysson (1999), and Nolan and others (2005); a brief description of these techniques is presented here. To calculate the daily suspended-sediment concentration and load, a combination of ISCO 3700–C automated pump samples (hereinafter, pump samples) and intermittent, vertically integrated cross-section samples (hereinafter, cross-section samples) were collected to characterize sediment transport. Cross-section samples were collected at USGS streamflow-gaging stations from cableways by using either the US D–74 or DH–59 suspended-sediment samplers (Davis, 2005) following equal-width increment (EWI) and equal-discharge increment (EDI) sampling protocols. A minimum of 10 cross-section locations were sampled during each EWI sample, and 5 cross-section locations were sampled for each EDI sample to ensure that a representative sample was acquired. When stream conditions were wadeable, the US DH–48 suspended-sediment sampler was used following EWI sampling protocols.

Pump samples were collected at variable frequencies as needed to characterize seasonal and daily fluctuations of suspended-sediment transport. Pump samplers were “triggered” based on time-interval and physical changes measured in the stream by stream-gage equipment. Incremental changes above thresholds as well as rate-of-change thresholds were used to trigger sampling events for observed changes in the depth of the river (stage) and clarity of the water (turbidity).

4 Summary of Fluvial Sediment Collected at Selected Sites on the Gunnison, Green, and Duchesne Rivers

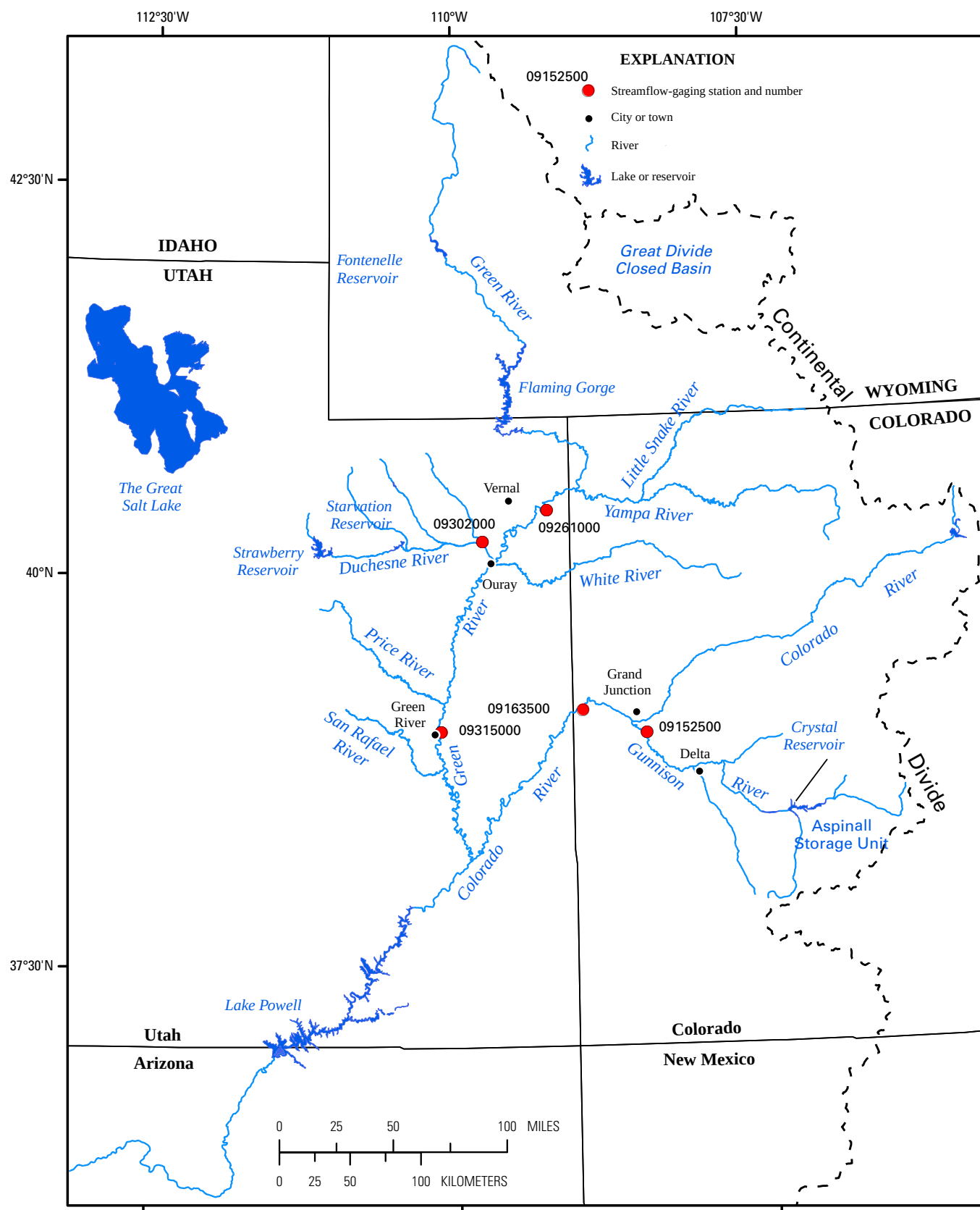


Figure 1. Map showing U.S. Geological Survey streamflow-gaging station sites.

Using this methodology, samples were collected at frequencies ranging from multiple samples per hour to one sample every third day. Site-specific descriptions of suspended-sediment sampling operations and pump-sampler trigger mechanisms for the Gunnison, Green, and Duchesne Rivers are summarized in table 1.

Each pump sample represents the suspended concentration at a single point within the cross section of the stream. Adjustment of the concentration of the pump

sample to represent the cross-section sample concentration was accomplished by the systematic collection of concurrent cross-section samples and pump samples and the comparison of each sample's concentration (Edwards and Glysson, 1999). Suspended-sediment concentrations and size analyses were done by U.S. Geological Survey Sediment Laboratories in Iowa City, Iowa, and Rolla, Missouri, following procedures outlined in Guy (1969). Suspended-sediment sample results are summarized by site in tables 2–4 and Appendix 1.

Table 1. Summary of suspended-sediment sampling operations and pump-sampler trigger mechanisms for the Gunnison, Green, and Duchesne Rivers.

[Water year, a continuous period from October 1 to September 30 with the year designation determined by the ending calendar year; Turb., turbidity; Ght., stream-gage height; X, trigger for sampler was active ; --, not triggered]

Water year	Daily suspended-sediment period	Cross-section samples	Pump samples	Pump sampler triggers		
				Turb.	Ght.	Time
Gunnison River near Grand Junction, Colorado 09152500						
2005	March 30–September 30	14	365	--	X	X
2006	October 1–31, March 14–September 30	13	359	X	X	X
2007	October 1–November 3, March 9–September 30	12	413	X	X	X
2008	October 1–17	4	19	X	X	X
Green River near Jensen, Utah 09261000						
2005	April 7–September 30	13	279	--	X	X
2006	October 1–25, March 27–September 30	13	290	--	X	X
2007	October 1–November 22, March 14–September 30	15	368	X	X	X
2008	October 1–17	2	40	X	X	X
Duchesne River near Randlett, Utah 09302000						
2006	April 20–July 19	7	74	--	--	X
2007	April 6–June 21	5	143	--	--	X
2008	April 10–July 15	9	160	--	--	X

6 **Summary of Fluvial Sediment Collected at Selected Sites on the Gunnison, Green, and Duchesne Rivers**

Table 2. Suspended-sediment concentration and particle-size information for cross-section samples collected at the Gunnison River near Grand Junction, Colorado.

[ft³/s, cubic feet per second; SS Conc., suspended-sediment concentration; mg/L, milligrams per liter; --, no data]

Date	Time	Streamflow (ft ³ /s)	SS Conc. (mg/L)	Percent finer than, in millimeters									
				0.002	0.004	0.008	0.016	0.031	0.063	0.125	0.25	0.5	1
04/18/2005	1330	8,580	1,730	--	--	--	--	--	81	--	--	--	--
04/18/2005	1340	8,490	1,690	--	--	--	--	--	82	--	--	--	--
05/10/2005	1015	7,200	829	--	--	--	--	--	68	--	--	--	--
05/10/2005	1025	7,240	822	--	--	--	--	--	71	--	--	--	--
05/16/2005	1545	7,650	617	31	40	46	54	--	78	89	96	100	--
05/16/2005	1600	7,720	656	26	38	44	51	--	74	89	95	100	--
05/22/2005	1315	12,200	1,250	42	49	56	62	73	81	89	93	100	--
05/22/2005	1330	12,000	1,210	34	48	54	64	75	83	90	95	100	--
06/28/2005	1200	3,270	110	--	--	--	--	--	86	--	--	--	--
06/28/2005	1215	3,230	119	--	--	--	--	--	81	--	--	--	--
07/25/2005	1045	1,340	6,940	61	75	88	96	99	100	--	--	--	--
07/25/2005	1100	1,350	10,600	62	80	87	95	99	100	--	--	--	--
09/16/2005	0945	1,610	199	--	--	--	--	--	--	--	--	--	--
09/16/2005	1030	1,600	206	--	--	--	--	--	--	--	--	--	--
04/25/2006	1030	4,660	487	43	54	67	74	87	94	38	75	100	--
04/25/2006	1125	4,690	416	43	50	63	71	83	95	29	71	100	--
05/04/2006	1715	3,960	281	--	--	--	--	--	77	--	--	--	--
05/18/2006	1430	3,700	169	--	--	--	--	--	79	--	--	--	--
06/08/2006	1330	2,510	107	--	--	--	--	--	87	--	--	--	--
06/13/2006	1530	2,560	186	--	--	--	--	--	85	--	--	--	--
07/11/2006	1310	3,100	7,370	54	71	85	98	--	100	--	--	--	--
07/11/2006	1335	3,100	7,280	53	68	84	96	--	100	--	--	--	--
08/01/2006	1330	2,140	888	36	50	61	75	--	99	--	--	--	100
08/02/2006	1415	2,620	1,750	46	64	76	95	--	99	--	--	--	100
08/02/2006	1445	2,620	1,950	45	58	71	82	--	99	--	--	--	100
08/25/2006	1329	2,260	1,500	63	75	81	90	--	99	--	--	--	100
08/28/2006	1200	2,720	1,010	--	--	--	--	--	90	--	--	--	--
10/20/2006	1300	2,890	405	--	--	--	--	--	87	--	--	--	--
03/15/2007	1530	2,480	595	--	--	--	--	--	95	--	--	--	--
03/21/2007	1630	3,900	672	--	--	--	--	--	77	--	--	--	--
05/15/2007	1530	4,410	728	--	--	--	--	--	56	--	--	--	--
05/15/2007	1600	4,440	943	--	--	--	--	--	34	--	--	--	--
05/18/2007	1230	3,190	266	--	--	--	--	--	71	--	--	--	--
05/30/2007	1330	2,410	90	--	--	--	--	--	90	--	--	--	--
07/26/2007	1600	1,730	788	--	--	--	--	--	99	--	--	--	--
08/07/2007	1000	3,060	1,720	47	54	--	74	--	92	--	--	--	100
09/13/2007	1630	1,900	66	--	--	--	--	--	91	--	--	--	--
09/17/2007	1330	3,340	1,010	--	--	--	--	--	94	--	--	--	--
09/17/2007	1530	3,450	2,880	--	--	--	--	--	98	99	100	--	--
10/10/2007	1330	2,250	159	--	--	--	--	--	85	--	--	--	--
10/10/2007	1415	2,250	867	--	--	--	--	--	88	--	--	--	--
10/17/2007	1645	2,200	785	--	--	--	--	--	96	--	--	--	--
10/17/2007	1745	2,200	784	--	--	--	--	--	97	--	--	--	--

Table 3. Suspended-sediment concentration and particle-size information for cross-section samples collected at the Green River near Jensen, Utah.[ft³/s, cubic feet per second; SS Conc., suspended-sediment concentration; mg/L, milligrams per liter; --, no data]

Date	Time	Streamflow (ft ³ /s)	SS Conc. (mg/L)	Percent finer than, in millimeters									
				0.002	0.004	0.008	0.016	0.031	0.063	0.125	0.25	0.5	1
04/12/2005	1530	3,820	748	--	--	--	--	--	88	--	--	--	--
04/25/2005	1415	5,830	519	--	--	--	--	--	57	--	--	--	--
04/25/2005	1425	5,830	498	--	--	--	--	--	59	--	--	--	--
05/11/2005	1600	7,980	805	--	--	--	--	--	62	69	82	97	100
05/11/2005	1615	7,980	766	--	--	--	--	--	65	72	84	98	100
05/18/2005	1845	12,100	985	26	31	34	38	47	62	75	88	100	--
05/18/2005	1900	12,100	1,130	23	28	32	35	45	56	70	88	100	--
05/19/2005	1230	14,200	800	--	--	--	--	--	90	--	--	--	--
05/19/2005	1245	14,200	1,440	--	--	--	--	--	56	--	--	--	--
05/24/2005	1400	19,200	962	26	29	33	39	48	58	67	82	98	100
05/24/2005	1415	19,200	1,000	25	28	32	39	47	60	73	86	100	--
06/24/2005	1900	9,990	164	--	--	--	--	--	55	--	--	--	--
06/24/2005	1915	10,100	165	--	--	--	--	--	50	--	--	--	--
10/04/2005	1330	1730	709	--	--	--	--	--	--	--	--	--	--
10/04/2005	1350	1,720	709	--	--	--	--	--	--	--	--	--	--
04/21/2006	1245	1,730	359	47	48	56	61	79	90	14	62	89	100
05/08/2006	1734	1,720	221	36	45	46	55	69	81	10	31	62	100
05/16/2006	1715	9,790	437	--	--	--	--	--	56	68	91	100	--
05/24/2006	1145	18,900	455	24	32	34	44	58	76	10	31	45	100
05/24/2006	1215	18,800	368	35	42	47	57	74	91	20	65	84	100
06/16/2006	1430	6,540	118	--	--	--	--	--	52	--	--	--	--
07/12/2006	1530	2,310	63	--	--	--	--	--	91	--	--	--	--
08/21/2006	1815	998	29	--	--	--	--	--	78	--	--	--	--
09/12/2006	1345	972	166	--	--	--	--	--	98	--	--	--	--
09/18/2006	1407	1,490	7,520	72	88	93	97	--	100	--	--	--	--
09/21/2006	1240	2,000	4,190	86	91	94	96	--	100	--	--	--	--
10/13/2006	1155	--	1,190	91	96	98	98	--	100	--	--	--	--
10/13/2006	1230	--	1,220	88	91	94	98	--	100	--	--	--	--
11/22/2006	1300	1,690	36	--	--	--	--	--	91	--	--	--	--
03/14/2007	1300	3,870	1,290	--	--	--	--	--	96	--	--	--	--
03/23/2007	1430	4,660	629	--	--	--	--	--	90	--	--	--	--
05/04/2007	1300	8,380	697	--	--	--	--	--	63	30	68	100	--
05/04/2007	1400	8,380	672	--	--	--	--	--	65	--	--	--	--
05/16/2007	1330	12,700	782	--	--	--	--	--	46	63	84	95	100
05/16/2007	1430	12,700	845	--	--	--	--	--	46	--	--	--	--
05/21/2007	1400	11,500	570	--	--	--	--	--	30	49	57	85	100
05/31/2007	1400	5,940	109	--	--	--	--	--	56	--	--	--	--
08/01/2007	1220	1,150	70	--	--	--	--	--	79	--	--	--	--
08/27/2007	1600	998	103	--	--	--	--	--	96	--	--	--	--
09/07/2007	1200	1,170	669	--	--	--	--	--	99	--	--	--	--
09/07/2007	1230	1,170	664	--	--	--	--	--	97	--	--	--	--
10/17/2007	1645	1,490	78	--	--	--	--	--	96	--	--	--	--
10/17/2007	1745	1,490	97	--	--	--	--	--	97	--	--	--	--

Table 4. Suspended-sediment concentration and particle-size information for cross-section samples collected at the Duchesne River near Randlett, Utah.[ft³/s, cubic feet per second; SS Conc., suspended-sediment concentration; mg/L, milligrams per liter; --, no data]

Date	Time	Streamflow (ft ³ /s)	SS Conc. (mg/L)	Percent finer than, in millimeters									
				0.002	0.004	0.008	0.016	0.031	0.063	0.125	0.25	0.5	1
04/20/2006	1745	366	72	--	--	--	--	--	--	--	--	--	--
05/09/2006	1715	280	69	--	--	--	--	--	--	--	--	--	--
05/18/2006	1315	941	342	--	--	--	--	--	--	--	--	--	--
05/22/2006	1500	1,660	297	--	--	--	--	--	--	--	--	--	--
05/31/2006	1300	492	107	--	--	--	--	--	--	--	--	--	--
06/19/2006	1345	236	48	--	--	--	--	--	--	--	--	--	--
07/19/2006	1315	42	69	--	--	--	--	--	--	--	--	--	--
04/05/2007	1530	93	114	--	--	--	--	--	95	--	--	--	--
04/27/2007	1415	53	140	--	--	--	--	--	98	--	--	--	--
05/11/2007	1235	103	165	--	--	--	--	--	96	--	--	--	--
06/12/2007	1045	49	135	--	--	--	--	--	97	--	--	--	--
06/22/2007	1110	31	144	--	--	--	--	--	95	--	--	--	--
04/10/2008	1222	325	30	--	--	--	--	--	99	--	--	--	--
05/02/2008	1020	44	38	--	--	--	--	--	31	--	--	--	--
05/23/2008	1020	306	177	--	--	--	--	--	90	--	--	--	--
05/23/2008	1040	300	160	--	--	--	--	--	96	--	--	--	--
06/03/2008	1235	113	124	--	--	--	--	--	94	--	--	--	--
06/03/2008	1400	108	135	--	--	--	--	--	93	--	--	--	--
06/25/2008	1140	496	121	--	--	--	--	--	94	--	--	--	--
06/25/2008	1230	492	32	--	--	--	--	--	75	--	--	--	--
07/15/2008	1130	58	21	--	--	--	--	--	86	--	--	--	--

Bed-Material Sampling Methods

Bed material was sampled at selected locations along the Gunnison and Green Rivers near the suspended-sediment collection sites as supplementary information. Multiple sampling sites were selected within each reach to characterize specific features. Bars and channel margins (outside of areas strongly affected by eddies) were chosen to characterize the bed material of the channel. These areas are inundated a large part of the year and represent the coarser material within the river channel. Characterization of the bed material was done to determine the size distribution and spatial extent of the bed materials within each reach. In 2006 and 2007, bed-material size analysis was performed by volumetric and areal sampling methods at selected sites. Where the bed material was relatively fine (particle diameter finer than 2 millimeters),

or where the streamflow was too deep to sample by wading, a boat-deployed, 7-inch-diameter pipe dredge was used to sample bed material (Edwards and Glysson, 1999; Benson and Dalrymple, 1967). Sediment-size characteristics for these samples were determined through volumetric techniques (dry sieving) of each sample at the U.S. Geological Survey Geomorphology and Sediment Transport Laboratory in Golden, Colorado. Where the bed material was gravel- or coarser size material (particle diameter greater than 2 millimeters), and where it was possible to wade, sediment-size characteristics were determined in the field by using areal techniques (pebble-count) described by Wolman (1954). A minimum of 100 clasts were measured during each pebble count. A summary of the particle size-frequency distribution (intermediate-axis diameter) is presented in table 5, additional size information is available in the supplemental data set ([bed-material data set](#)). Bed-material sampling locations are presented in figure 2.

Table 5. Size distribution summary statistics of bed-material samples collected at selected sites in the Gunnison and Green Rivers.

[mm, millimeters; Gun, Gunnison River; Gr, Green River; L, bed material sampled at the center of the left 1/3 of the channel; M, bed material sampled at the center of the channel; R, bed material sampled at the center of the right 1/3 of the channel]

Site number	Size distribution, in millimeters, shown for the following percentiles						
	16	25	50	75	84	90	95
Gunnison River near Grand Junction, Colorado ¹ 09152500							
Gun-1	37	44	77	115	124	128	142
Gun-2	50	53	74	90	106	118	140
Gun-3	35	48	71	101	112	125	133
Green River near Jensen, Utah ¹ 09261000							
Gr-1	25	30	56	80	107	126	160
Gr-2	0.4	30	64	90	115	126	138
Gr-3	13	23	56	95	115	118	132
Spawning bar habitat 5 miles downstream from the Green River near Jensen, Utah ² 09261000							
1-L	1.0–1.4	1.0–1.4	1.0–1.4	1.0–1.4	1.4–2.0	1.4–2.0	2.0–2.8
1-M	0.355–0.500	0.500–0.710	1.0–1.4	16.0–22.4	16.0–22.4	16.0–22.4	16.0–22.4
1-R	0.355–0.500	0.500–0.710	0.500–0.710	1.0–1.4	1.0–1.4	1.0–1.4	1.0–1.4
2-L	1.0–1.4	1.0–1.4	1.0–1.4	1.0–1.4	1.4–2.0	1.4–2.0	2.8–4.0
2-M	0.500–0.710	0.500–0.710	1.0–1.4	1.0–1.4	1.4–2.0	16.0–22.4	16.0–22.4
2-R	0.250–0.355	0.250–0.355	0.500–0.710	1.0–1.4	1.0–1.4	1.0–1.4	16.0–22.4
3-L	0.355–0.500	0.500–0.710	0.500–0.710	1.0–1.4	1.0–1.4	1.0–1.4	16.0–22.4
3-M	0.500–0.710	0.500–0.710	1.0–1.4	1.0–1.4	1.0–1.4	1.0–1.4	1.0–1.4
3-R	0.500–0.710	1.0–1.4	1.0–1.4	16.0–22.4	16.0–22.4	16.0–22.4	16.0–22.4
4-M	0.355–0.500	0.500–0.710	1.0–1.4	1.0–1.4	1.0–1.4	1.0–1.4	1.4–2.0
5-M	0.180–0.250	0.250–0.355	0.355–0.500	0.500–0.710	0.500–0.710	0.500–0.710	1.0–1.4
6-L	0.180–0.250	0.250–0.355	0.250–0.355	0.355–0.500	0.500–0.710	0.500–0.710	0.500–0.710
6-M	0.355–0.500	0.500–0.710	1.0–1.4	1.0–1.4	1.4–2.0	1.4–2.0	2.0–2.8
6-R	1.0–1.4	1.0–1.4	1.4–2.0	2.8–4.0	4.0–5.6	5.6–8.0	8.0–11.2

¹Areal sampling method.

²Volumetric sampling method.

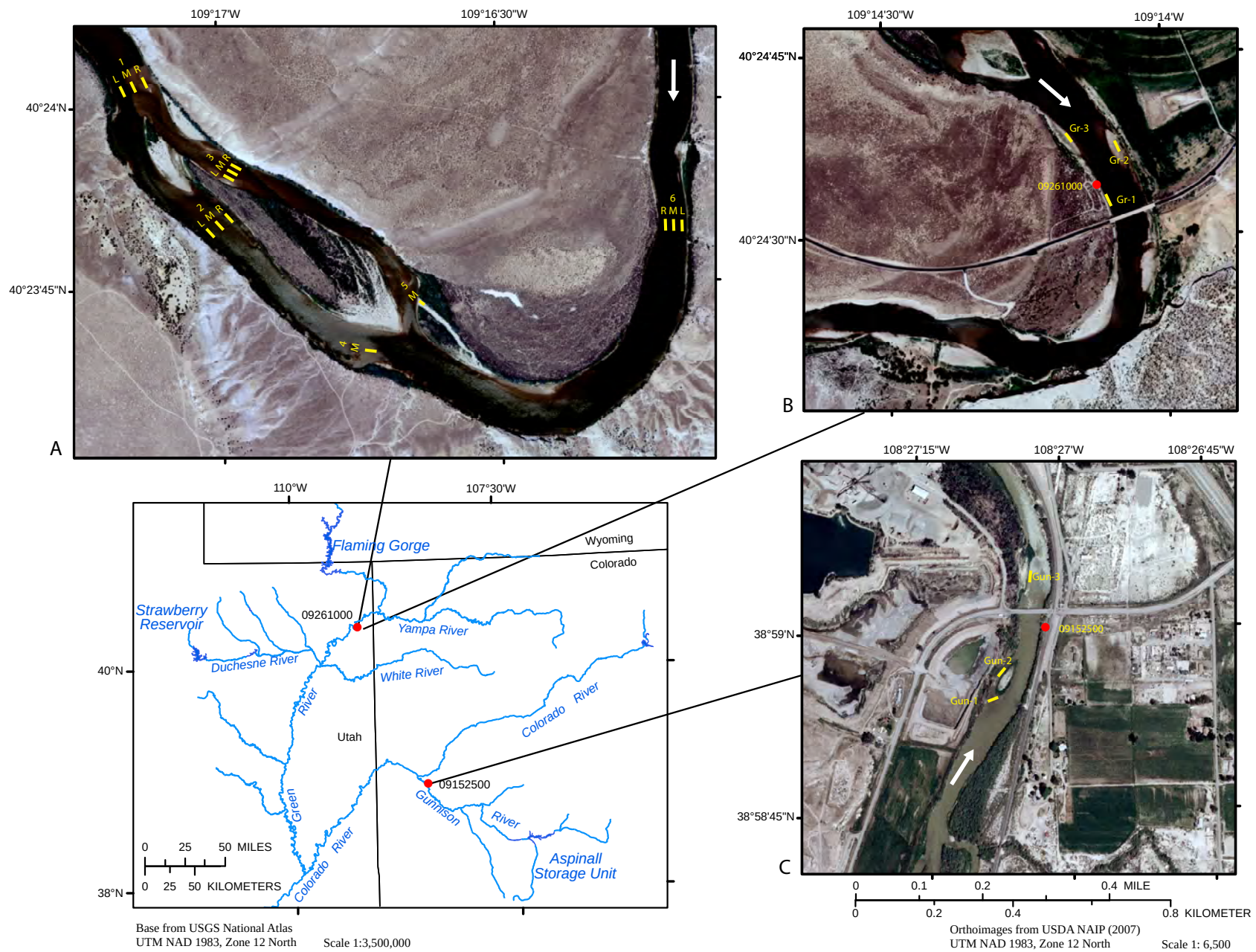


Figure 2. Map of bed-material sampling locations at (A) the Jensen spawning bar, 5 miles downstream from the Green River near Jensen, Utah, streamflow-gaging station, (B) 09261000, Green River near Jensen, Utah, streamflow-gaging station, and (C) 09152500, Gunnison River near Grand Junction, Colorado, streamflow-gaging station.

Topographic Survey Methods

Flood-plain and bathymetry mapping was completed for a 1.5-mile reach of the Green River near Jensen, Utah, in the vicinity of the spawning habitat identified by the Recovery Program and U.S. Fish and Wildlife Service. Topographical surveying was done to determine the elevation and coordinate locations of geomorphic features by using survey-grade Global Positioning System (GPS) equipment, operated in a Real-Time Kinematic mode (RTK-GPS) (Trimble Navigation Limited, 1998), and GPS-connected bathymetry mapping equipment. The RTK-GPS utilized a stationary GPS receiver (base station) positioned over a reference benchmark, and roving GPS receivers (rovers) operated by separate hand-held computers (data collectors). The RTK-GPS system calculates the locations of the rovers in real time, using the positions of orbiting NAVSTAR-GPS satellites and the known location of the base station. Bathymetry mapping was conducted using a boat outfitted with an Acoustic Doppler Current Profiler (ADCP) and a second boat equipped with an echo sounder; the RDI-Workhorse Rio Grande ADCP (4-beam, 1,200-kHz, ZedHed) and the Innerspace Technology, Inc., Model 448 thermal depth sounder recorder (208 kHz). In each setup, an RTK-GPS antenna was positioned at a fixed height above the bathymetry transducers to determine measurement locations during the bathymetry surveying. Assignment of each RTK-GPS location to the individual ADCP and echo sounder observations was accomplished through linking of the GPS receiver to two Windows-based software interfaces (WinRiver, v. 10.06, RDI Instruments; and HYPACK MAX, Coastal Oceanographic, Inc., respectively) running on laptop computers, as data were being collected.

Existing LiDAR data (Bowen and others, 2001) were obtained and used to guide flood-plain surveying efforts. RTK-GPS surveying was completed along the upstream end of shallow and exposed bars and in other areas likely to have been significantly changed following the LiDAR imagery collection date (October 23–24, 1999). The surveyors collected GPS locations where the water surface met the land surface, at breaks in elevation, and at regular intervals (every few meters) if the terrain was relatively flat.

Bathymetry data were collected throughout the study reach in two spatial patterns, resulting in a grid pattern of bathymetry data. ADCP longitudinal surveys were collected from the upstream reach boundary to the downstream reach boundary parallel to the shoreline approximately 10 meters apart, with 15 longitudinal surveys total. Echo sounder cross sections were collected throughout the reach perpendicular to the shoreline approximately 30 meters apart, with approximately 140 cross sections in all (fig. 3).

Postprocessing of the datasets was done to refine bed elevations for the ADCP data set. The ADCP collects data from four beams spaced 90 degrees horizontally and at an inclination of 20 degrees from the vertical. This spatial arrangement results in two water depths perpendicular to the direction of

travel (port, starboard) and two water depths parallel to the direction of travel (fore and aft). Postprocessing techniques within the spreadsheet program DopplerMacro (Dinehart and Burau, 2005; Dinehart, 2003) allow the bed position of each beam to be computed based on trigonometrically determined offset of the original RTK-GPS position and height. A more detailed description of these methods is presented by Kenney and McKinney (2006).

All bed elevations (RTK-GPS, ADCP, and echo sounder) were then exported to a personal computer for postprocessing of the orthometric heights. The survey data were output to a spreadsheet program in metric Northing, Easting, and Elevation format using a Universal Transverse Mercator coordinate system (UTM, Zone 12 North). Horizontal coordinate information was referenced to the North American Horizontal Datum of 1983 (NAD83). Vertical coordinate information was referenced to the North American Vertical Datum of 1988 (NAVD88). Elevation values were visually examined for relative accuracy by graphing and inspecting the cross section and by comparison of the elevation dataset between data-collection methods. These data are available in a supplemental data set ([topography data set](#)).

Daily Suspended-Sediment Computations

Daily-mean suspended-sediment concentration and daily load were calculated using a U.S. Geological Survey-developed computer program, Graphical Constituent Loading Analysis System (GCLAS, version 1.05e). Estimation of suspended-sediment concentrations between known concentrations (pump and cross-section samples) was done using standard methods described in Koltun and others (2006), following the statistical relation between streamflow and suspended-sediment concentration or turbidity and suspended-sediment concentration. Calculation of daily load followed the mid-interval method described by Porterfield (1972). A summary of the daily-mean concentration and daily loads is presented in table 6, figures 4–12, and Appendix 2.

The determination of errors associated with the daily-mean suspended-sediment concentration and daily load is complex and is related to the natural variability of sediment transport within a stream, as well as the errors associated with sampling, analysis, and computational methods. This uncertainty precludes any quantitative assessment of error associated with daily-mean concentration and load. Comparisons of the variability of pump-sample and cross-section sample concentrations between years at each site, in addition to other data quality indicators, allow for a qualitative assessment of the suspended-sediment daily values for each site. A summary of the rating of each is presented in table 7. Additionally, days with less than one observed suspended-sediment sample or days with estimated daily-mean streamflow are presented as estimated loads, and no daily-mean concentration is reported.

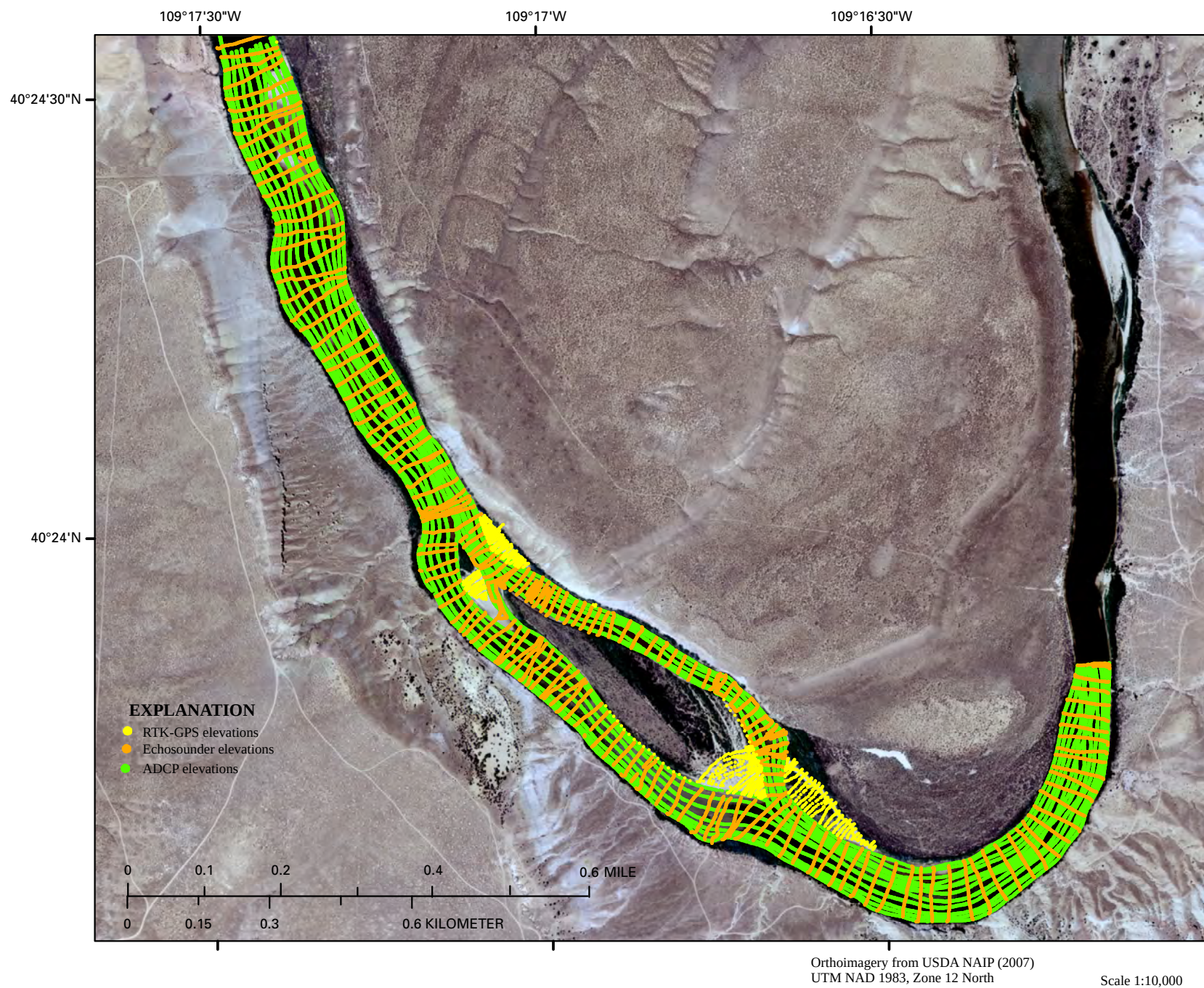
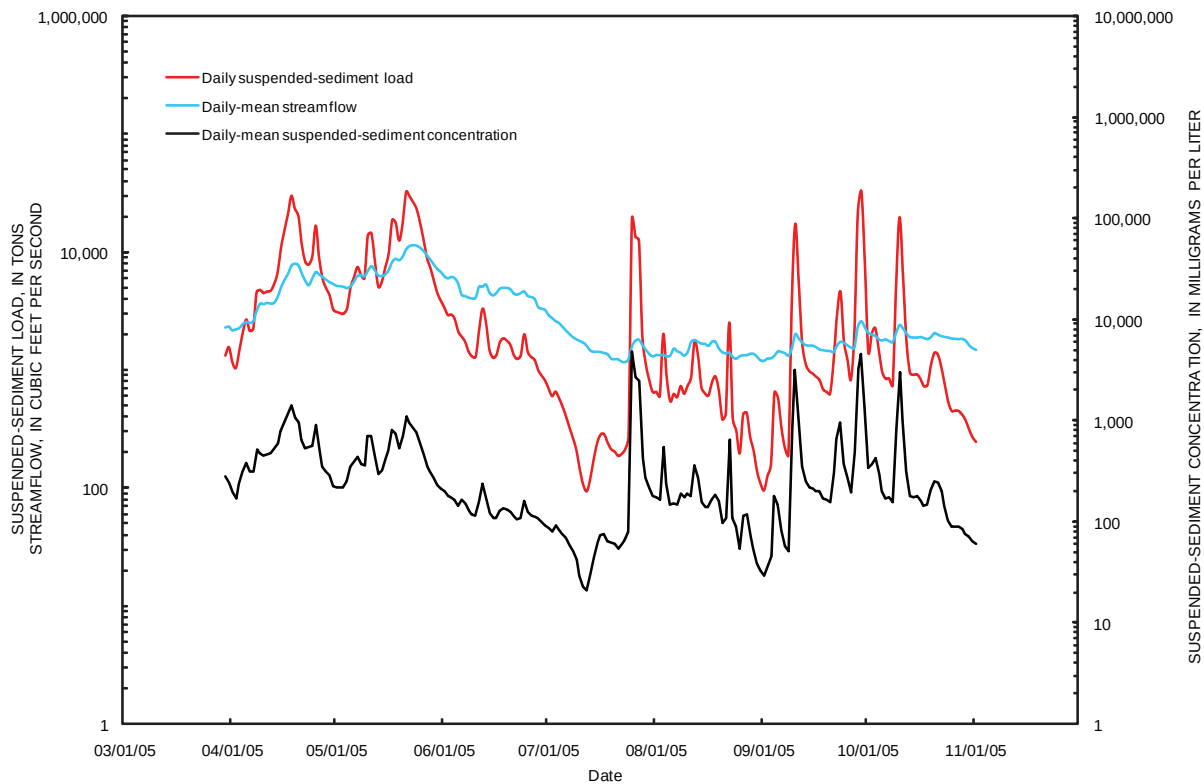


Figure 3. Map of topographic data-collection efforts 5 miles downstream from the Green River near Jensen, Utah, streamflow-gaging station.

Table 6. Summary table of seasonal-extreme daily-mean suspended-sediment concentration and daily load for selected sites and water years for the Gunnison, Green, and Duchesne Rivers.

[Water year, a continuous period from October 1 to September 30 with the year designation determined by the ending calendar year; Est., Estimated; Min, Minimum; Max, Maximum; mg/L, milligrams per liter]

Water year	Total days	Est. days	Daily-mean suspended-sediment concentration		Daily suspended-sediment load	
			Min	Max	Min	Max
Gunnison River near Grand Junction, Colorado 09152500						
2005	185	30	21 mg/L – July 12	4,900 mg/L – July 25	94 tons – July 12	33,400 tons – September 29
2006	232	35	18 mg/L – March 24	33,500 mg/L – July 21	56 tons – March 24	259,000 tons – July 21
2007	240	45	27 mg/L – August 26	8,880 mg/L – October 7	114 tons – August 26	121,000 tons – October 7
2008	17	5	73 mg/L – October 14	1,430 mg/L – October 6	419 tons – October 15	8,410 tons – October 6
Green River near Jensen, Utah 09261000						
2005	177	22	11 mg/L – August 4	1,900 mg/L – September 10	57 tons – August 4	68,800 tons – May 23
2006	213	58	13 mg/L – August 1	1,800 mg/L – May 23	40 tons – August 1	82,000 tons – May 23
2007	254	75	11 mg/L – July 19	2,020 mg/L – September 26	29 tons – July 20	36,200 tons – May 2
2008	17	1	71 mg/L – October 16	3,430 mg/L – October 5	284 tons – October 16	14,900 tons – October 5
Duchesne River near Randlett, Utah 09302000						
2006	89	37	34 mg/L – July 2	570 mg/L – June 11	4.8 tons – July 18	3,730 tons – June 11
2007	77	0	130 mg/L – April 6	595 mg/L – May 15	14 tons – June 20	390 tons – April 11
2008	95	0	36 mg/L – April 29	337 mg/L – July 2	5.1 tons – May 1–2	429 tons – May 21

**Figure 4.** Streamflow and suspended-sediment load for the Gunnison River near Grand Junction, Colorado, March 30–October 31, 2005.

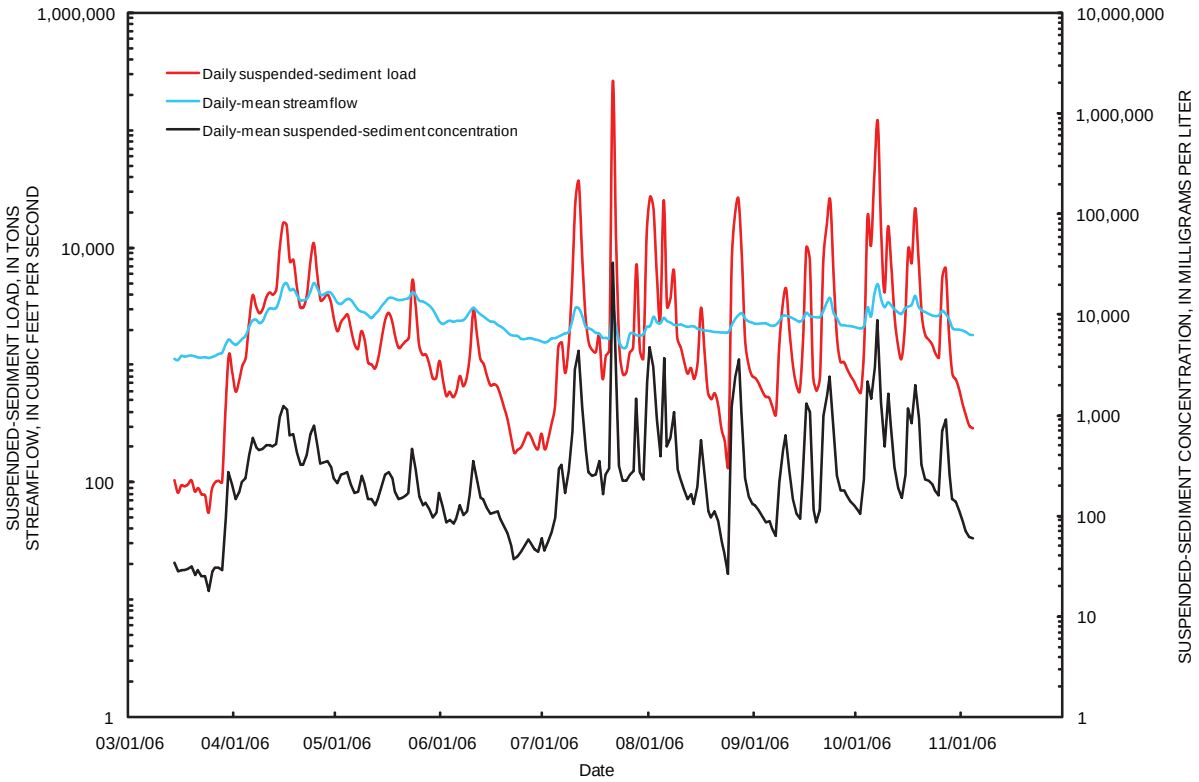


Figure 5. Streamflow and suspended-sediment load for the Gunnison River near Grand Junction, Colorado, March 14–November 3, 2006.

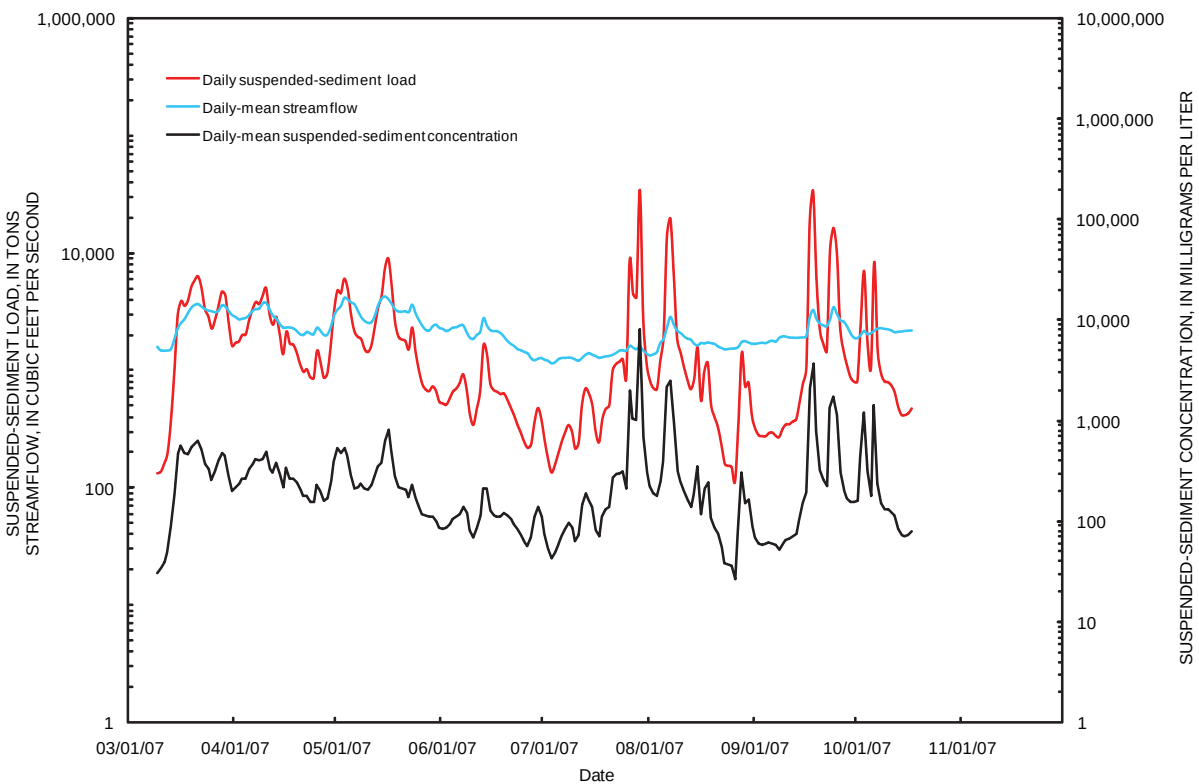


Figure 6. Streamflow and suspended-sediment load for the Gunnison River near Grand Junction, Colorado, March 9–October 17, 2007.

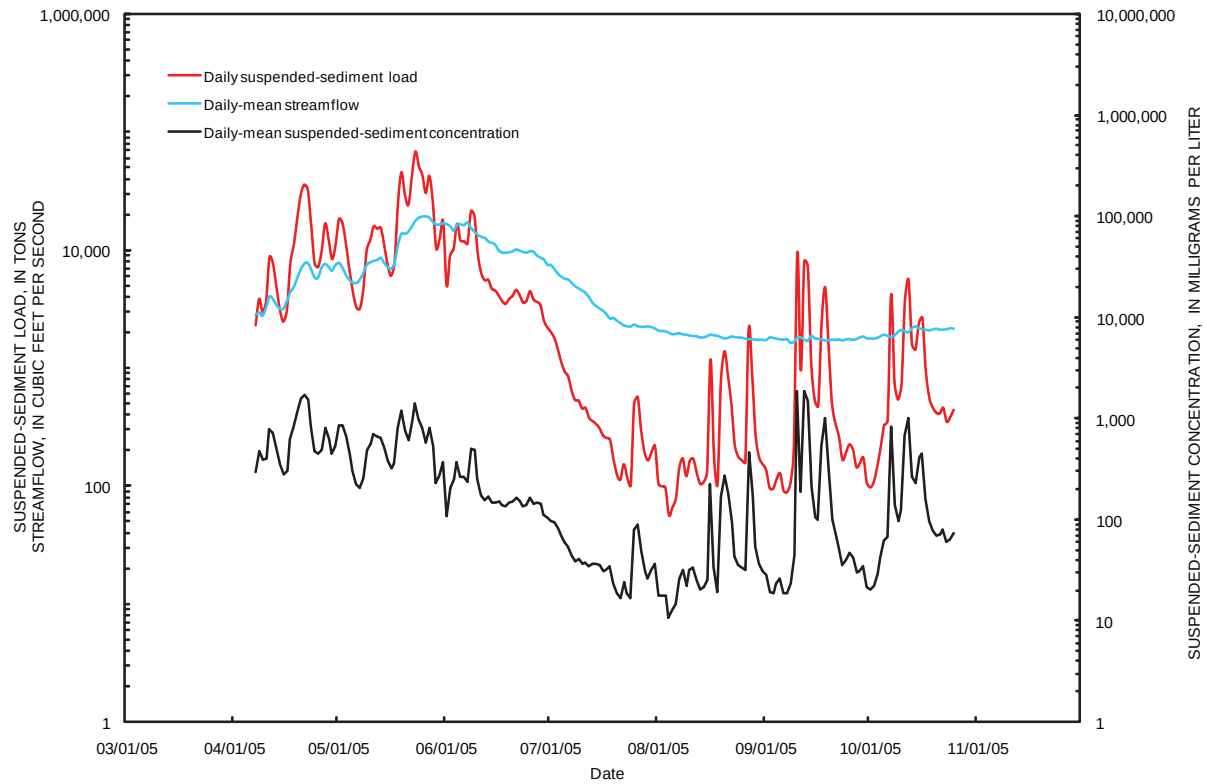


Figure 7. Streamflow and suspended-sediment load for the Green River near Jensen, Utah, April 7–October 25, 2005.

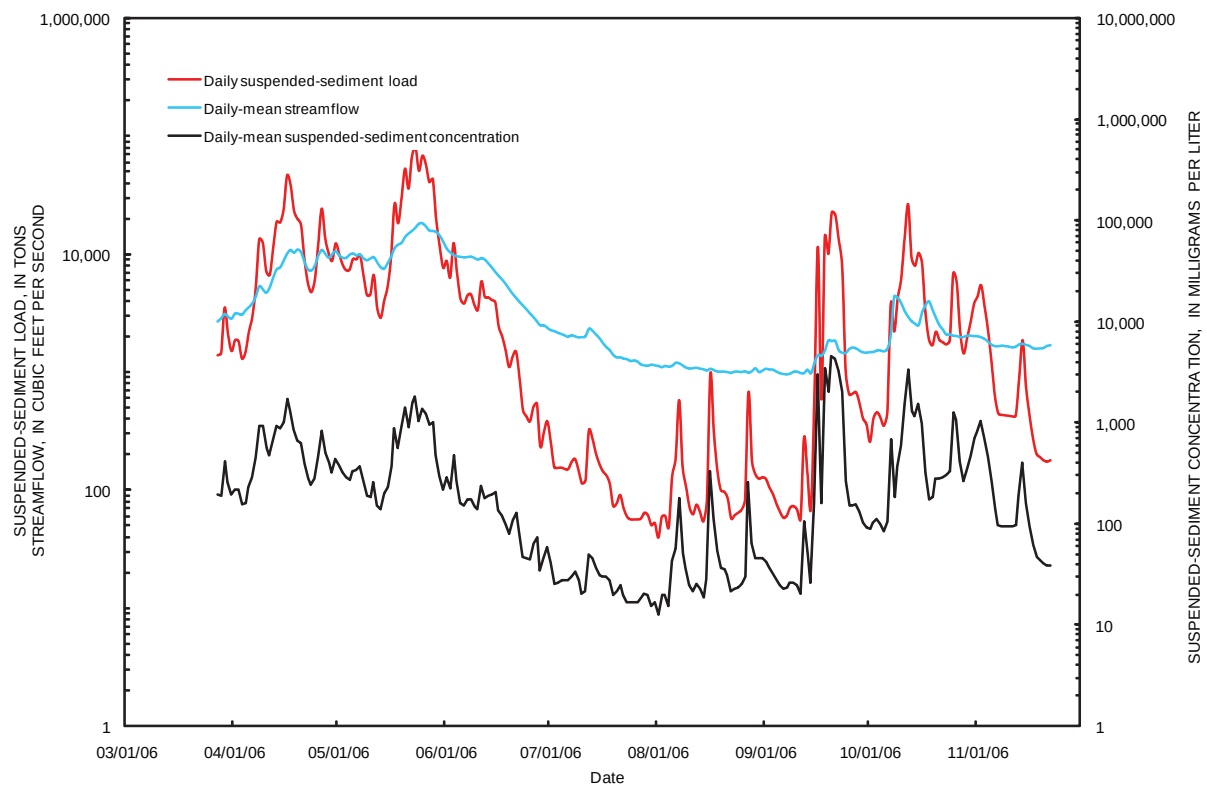


Figure 8. Streamflow and suspended-sediment load for the Green River near Jensen, Utah, March 27–November 22, 2006.

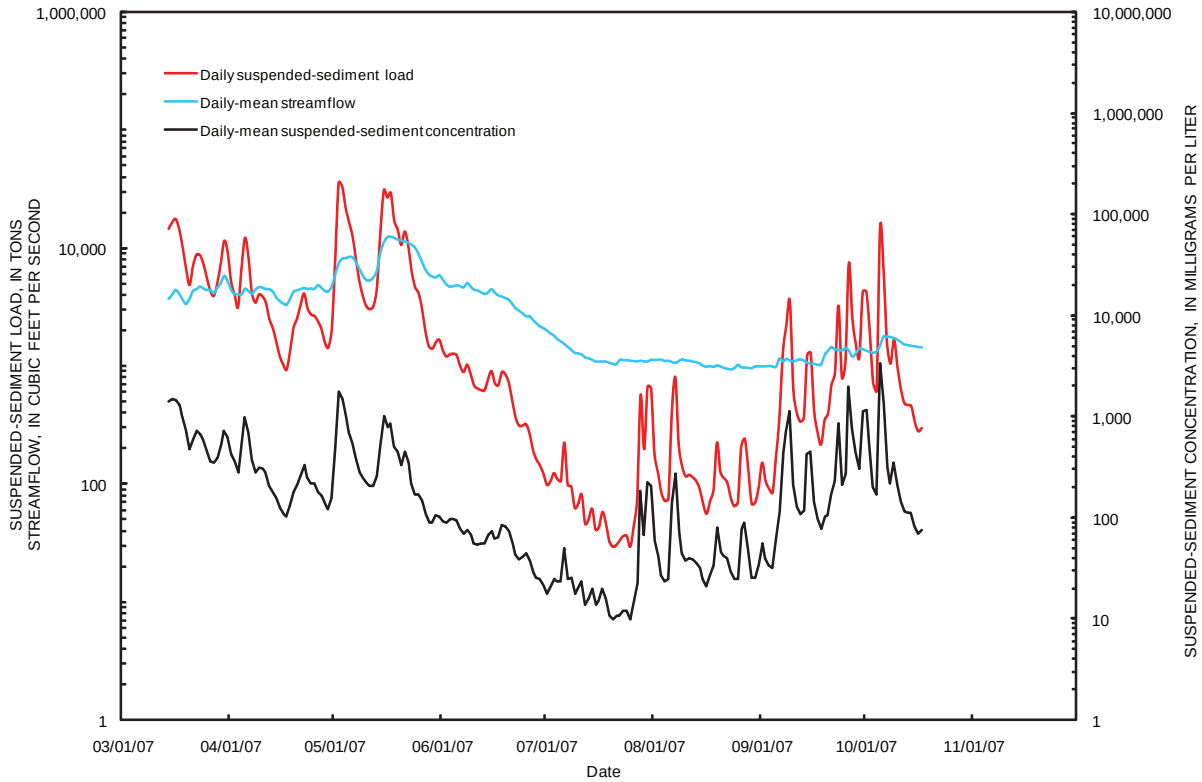


Figure 9. Streamflow and suspended-sediment load for the Green River near Jensen, Utah, March 14–October 17, 2007.

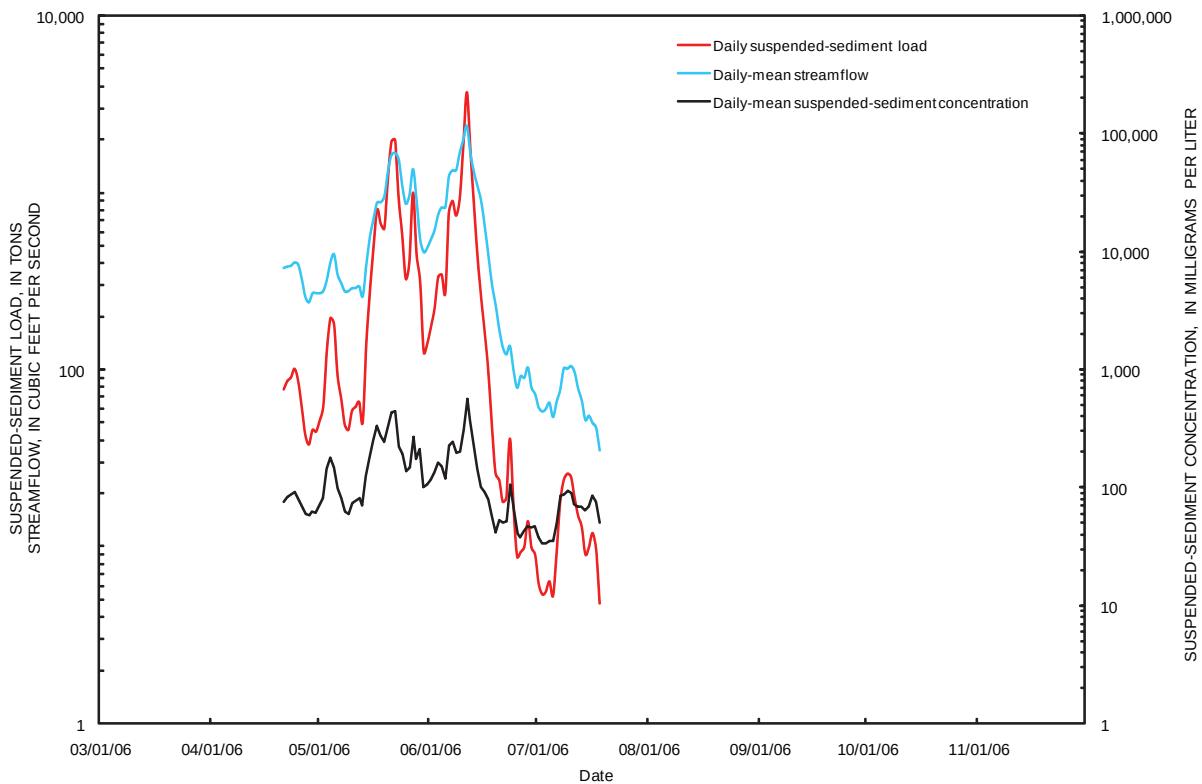


Figure 10. Streamflow and suspended-sediment load for the Duchesne River near Randlett, Utah, April 20–July 19, 2006.

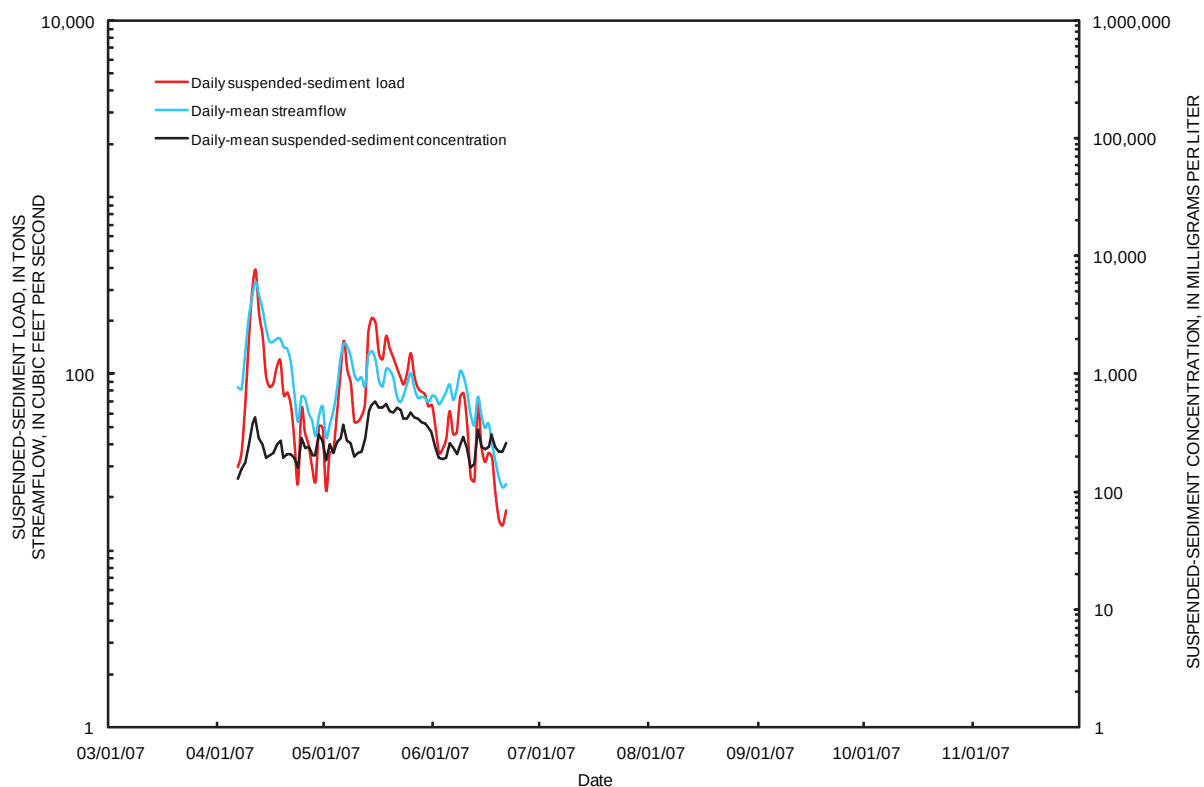


Figure 11. Streamflow and suspended-sediment load for the Duchesne River near Randlett, Utah, April 6–June 21, 2007.

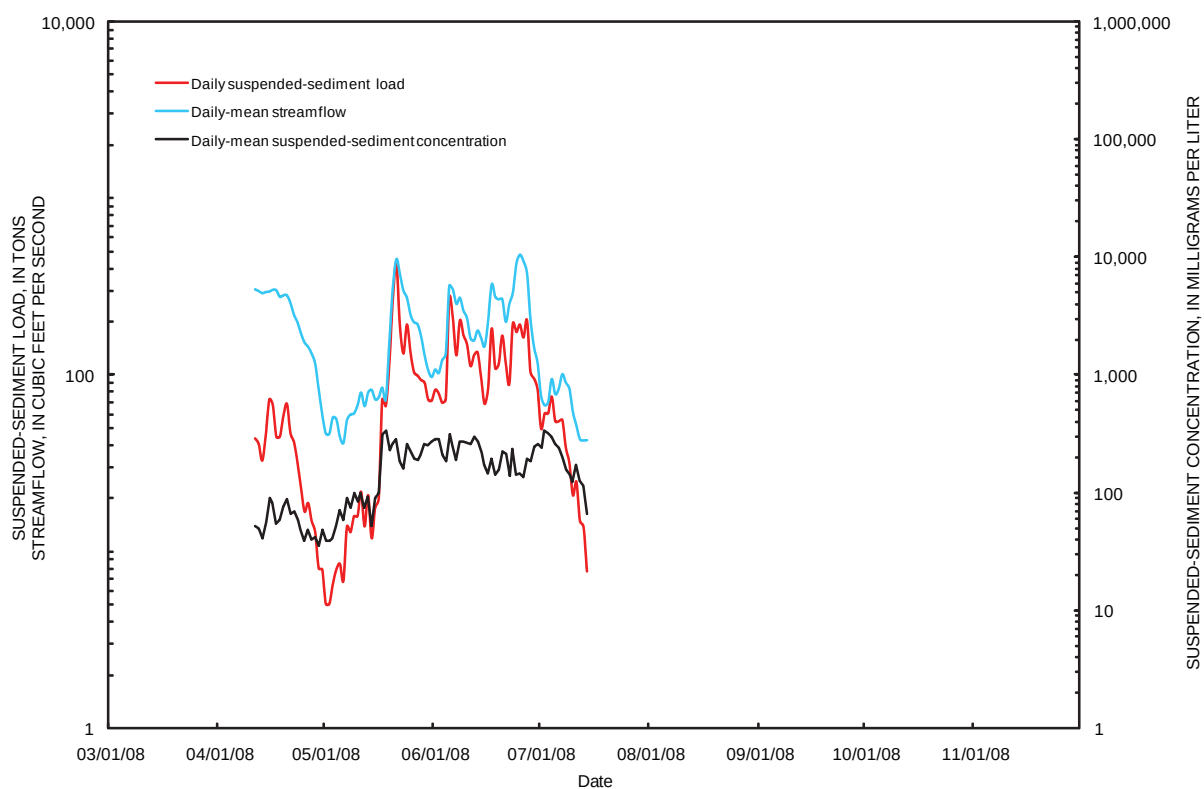


Figure 12. Streamflow and suspended-sediment load for the Duchesne River near Randlett, Utah, April 10–July 15, 2008.

Table 7. Summary table of data quality of the daily-mean suspended-sediment concentration and daily load for selected sites for the Gunnison, Green, and Duchesne Rivers.

[Aug, August; Sept, September; Oct, October; Nov, November; --, no data]

Calendar year	Daily suspended-sediment period	March	April	May	June	July	Aug	Sept	Oct	Nov
Gunnison River near Grand Junction, Colorado 09152500										
2005	March 30– October 31	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	--
2006	March 14–November 3	Good	Good	Good	Good	Good	Good	Good	Good	Good
2007	March 9– October 17	Good	Good	Good	Good	Good	Good	Good	Good	--
Green River near Jensen, Utah 09261000										
2005	April 7– October 25	--	Good	Good	Good	Fair	Fair	Fair	Fair	--
2006	March 27–November 22	Good	Good	Good	Good	Good	Good	Good	Good	Good
2007	March 14–October 17	Good	Good	Good	Fair	Fair	Good	Good	Good	--
Duchesne River near Randlett, Utah 09302000										
2006	April 20–July 19	--	Fair	Fair	Fair	Fair	--	--	--	--
2007	April 6–June 21	--	Poor	Poor	Poor	--	--	--	--	--
2008	April 11–July 14	--	Fair	Fair	Fair	Fair	--	--	--	--

Acknowledgments

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Appendix 1.

Suspended-Sediment Data from Point Samples for Selected Sites, Gunnison, Green, and Duchesne Rivers.

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
03/30/2005 06:05	2,270	211	1.45	306
04/02/2005 09:45	2,190	107	1.45	155
04/04/2005 16:01	2,500	222	1.45	322
04/05/2005 10:00	2,590	285	1.45	413
04/06/2005 18:00	2,630	200	1.45	290
04/07/2005 17:15	2,780	218	1.45	316
04/08/2005 00:00	2,830	257	1.45	373
04/08/2005 13:00	3,190	404	1.45	586
04/18/2005 12:02	8,310	1,140	1.45	1,650
04/18/2005 12:30	8,310	1,150	1.45	1,670
04/18/2005 13:29	8,570	1,190	1.45	1,730
04/18/2005 13:55	8,450	1,170	1.45	1,700
04/18/2005 17:15	8,200	1,160	1.45	1,680
04/18/2005 18:15	8,420	1,080	1.45	1,570
04/18/2005 20:45	7,830	916	1.45	1,330
04/19/2005 00:00	7,890	751	1.46	1,100
04/19/2005 05:15	7,970	643	1.46	939
04/19/2005 08:15	8,020	671	1.46	980
04/19/2005 12:30	8,090	812	1.46	1,190
04/19/2005 18:00	8,310	802	1.47	1,180
04/19/2005 21:30	7,760	705	1.47	1,040
04/20/2005 08:00	7,600	619	1.47	910
04/20/2005 10:45	8,110	664	1.48	983
04/20/2005 18:30	8,100	677	1.48	1,000
04/20/2005 21:30	7,710	595	1.48	881
04/20/2005 23:00	7,440	557	1.48	824
04/21/2005 03:45	7,020	490	1.49	730
04/21/2005 13:45	6,550	422	1.49	629
04/21/2005 21:30	6,150	374	1.50	561
04/26/2005 11:45	6,690	310	1.56	484
04/26/2005 22:00	6,280	239	1.56	373
04/27/2005 13:30	6,420	240	1.57	377
04/27/2005 18:00	6,240	214	1.58	338
04/28/2005 02:45	5,960	174	1.58	275
04/29/2005 00:00	5,640	203	1.59	323
04/30/2005 06:00	5,500	144	1.61	232
04/30/2005 22:00	5,230	130	1.62	211
05/01/2005 12:00	5,290	140	1.63	228
05/02/2005 18:00	5,220	133	1.64	218

22 Summary of Fluvial Sediment Collected at Selected Sites on the Gunnison, Green, and Duchesne Rivers

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/03/2005 00:00	5,000	127	1.65	210
05/03/2005 18:00	5,270	138	1.66	229
05/04/2005 00:00	5,120	132	1.66	219
05/04/2005 12:00	5,230	148	1.67	247
05/04/2005 18:00	4,890	165	1.67	276
05/05/2005 06:00	4,910	166	1.68	279
05/05/2005 12:00	5,340	259	1.68	435
05/05/2005 18:00	5,480	233	1.69	394
05/06/2005 00:00	5,200	220	1.69	372
05/06/2005 06:00	5,270	181	1.69	306
05/06/2005 12:00	5,870	272	1.70	462
05/06/2005 18:00	6,030	271	1.70	461
05/07/2005 06:00	5,910	218	1.71	373
05/07/2005 12:00	6,600	258	1.71	441
05/07/2005 18:00	6,580	289	1.71	494
05/08/2005 00:00	6,460	255	1.72	439
05/08/2005 12:00	6,380	210	1.72	361
05/10/2005 09:40	7,070	424	1.75	742
05/10/2005 11:15	7,290	520	1.75	910
05/10/2005 18:00	7,670	539	1.73	932
05/11/2005 01:00	7,000	365	1.72	628
05/11/2005 08:00	7,460	318	1.71	544
05/11/2005 15:00	8,020	511	1.69	864
05/11/2005 22:00	7,830	413	1.68	694
05/12/2005 05:00	7,170	321	1.66	533
05/12/2005 19:00	6,830	212	1.63	346
05/13/2005 02:00	6,380	190	1.62	308
05/13/2005 16:00	6,500	190	1.59	302
05/14/2005 06:00	5,990	159	1.56	248
05/14/2005 13:00	6,610	238	1.55	369
05/14/2005 20:00	6,510	232	1.53	355
05/15/2005 03:00	6,030	238	1.52	362
05/15/2005 10:00	6,460	282	1.50	423
05/15/2005 17:00	6,880	316	1.49	471
05/16/2005 00:00	6,400	272	1.47	400
05/16/2005 07:00	6,630	277	1.46	404
05/16/2005 14:00	7,780	462	1.44	665
05/16/2005 15:10	7,750	425	1.44	612
05/16/2005 16:35	7,710	443	1.44	638

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/16/2005 17:00	7,640	421	1.44	606
05/17/2005 00:00	7,060	355	1.41	501
05/17/2005 07:00	7,760	370	1.38	511
05/17/2005 14:00	9,130	855	1.36	1,160
05/17/2005 21:00	8,990	712	1.33	947
05/18/2005 04:00	8,600	533	1.30	693
05/18/2005 11:00	9,430	657	1.28	841
05/18/2005 18:00	8,930	592	1.25	740
05/19/2005 01:00	8,020	378	1.23	465
05/19/2005 08:00	8,420	416	1.20	499
05/19/2005 15:16	9,360	565	1.17	661
05/19/2005 21:16	8,550	413	1.15	475
05/20/2005 03:16	7,980	366	1.13	414
05/20/2005 06:16	8,350	367	1.12	411
05/20/2005 09:16	9,210	633	1.11	703
05/20/2005 12:16	9,810	820	1.09	894
05/20/2005 15:16	9,800	889	1.08	960
05/20/2005 18:16	9,880	729	1.07	780
05/20/2005 21:16	9,490	813	1.06	862
05/21/2005 00:16	9,170	679	1.05	713
05/21/2005 06:16	9,780	650	1.03	670
05/21/2005 09:16	10,600	1,210	1.02	1,230
05/21/2005 12:16	11,300	1,590	1.00	1,590
05/21/2005 15:16	11,500	1,560	0.99	1,540
05/21/2005 18:16	11,500	1,400	0.98	1,370
05/22/2005 00:16	10,500	839	0.96	805
05/22/2005 03:16	10,300	774	0.95	735
05/22/2005 09:16	11,100	1,120	0.93	1,040
05/22/2005 12:00	11,900	1,260	0.92	1,160
05/22/2005 15:00	12,000	1,450	0.91	1,320
05/22/2005 18:00	11,700	1,260	0.91	1,150
05/23/2005 00:00	11,100	795	0.91	723
05/23/2005 03:00	10,800	728	0.91	662
05/23/2005 09:00	11,400	918	0.92	845
05/23/2005 12:00	12,100	1,130	0.92	1,040
05/23/2005 15:00	12,300	1,290	0.92	1,190
05/23/2005 18:00	12,200	1,020	0.92	938
05/24/2005 00:00	11,100	685	0.92	630
05/24/2005 03:00	10,800	649	0.92	597

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/24/2005 09:00	11,500	762	0.92	701
05/24/2005 12:00	12,000	775	0.92	713
05/24/2005 15:00	12,000	1,170	0.92	1,080
05/24/2005 18:00	12,100	1,070	0.92	984
05/24/2005 21:00	11,500	766	0.93	712
05/25/2005 00:00	10,900	639	0.93	594
05/25/2005 03:00	10,600	735	0.93	684
05/25/2005 09:00	11,200	658	0.93	612
05/25/2005 13:56	11,500	649	0.93	604
05/25/2005 20:56	10,800	620	0.93	577
05/26/2005 03:56	10,000	479	0.93	445
05/26/2005 10:56	10,500	600	0.94	564
05/26/2005 17:56	10,400	449	0.94	422
05/27/2005 00:56	9,720	374	0.94	352
05/27/2005 07:56	9,260	393	0.94	369
05/27/2005 14:56	9,590	391	0.94	368
05/27/2005 21:56	9,070	345	0.95	328
05/28/2005 04:56	8,460	325	0.95	309
05/28/2005 11:56	8,890	364	0.95	346
05/29/2005 01:56	8,080	280	0.95	266
05/29/2005 08:56	7,800	321	0.96	308
05/29/2005 22:56	7,570	237	0.96	228
05/30/2005 05:56	7,080	245	0.96	235
05/30/2005 12:56	7,280	253	0.96	243
05/31/2005 02:56	6,940	212	0.97	206
05/31/2005 14:33	6,940	226	0.97	219
06/01/2005 04:33	6,310	198	0.98	194
06/01/2005 18:33	6,310	217	0.98	213
06/02/2005 08:33	5,900	184	0.98	180
06/02/2005 22:33	6,100	176	0.99	174
06/03/2005 05:33	5,900	163	0.99	161
06/03/2005 19:33	6,500	196	0.99	194
06/04/2005 09:33	6,100	171	1.00	171
06/05/2005 06:33	5,570	138	1.00	138
06/05/2005 20:33	5,270	151	1.01	153
06/06/2005 03:33	3,480	150	1.01	152
06/06/2005 10:33	4,780	184	1.01	186
06/07/2005 00:33	4,680	141	1.01	142
06/07/2005 07:33	4,040	140	1.02	143

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
06/07/2005 08:34	4,090	127	1.02	130
06/07/2005 15:34	4,400	173	1.02	176
06/08/2005 05:34	4,060	115	1.02	117
06/08/2005 19:34	4,330	132	1.03	136
06/09/2005 09:34	3,950	115	1.03	118
06/09/2005 20:40	4,210	110	1.03	113
06/10/2005 10:40	3,920	99	1.04	103
06/10/2005 17:40	4,180	114	1.04	119
06/11/2005 00:40	5,000	145	1.04	151
06/11/2005 07:40	5,220	163	1.04	170
06/12/2005 04:40	5,000	125	1.05	131
06/12/2005 18:40	5,300	395	1.05	415
06/13/2005 01:40	5,550	197	1.06	209
06/13/2005 08:40	5,510	175	1.06	186
06/13/2005 22:40	4,950	125	1.06	132
06/14/2005 12:40	4,470	112	1.07	120
06/15/2005 09:40	4,210	100	1.07	107
06/15/2005 23:40	4,450	103	1.08	111
06/16/2005 06:40	4,270	90	1.08	97
06/16/2005 07:47	4,290	90	1.08	97
06/16/2005 21:47	4,890	115	1.08	124
06/17/2005 04:47	4,700	106	1.08	114
06/17/2005 18:47	5,330	132	1.09	144
06/18/2005 08:47	4,740	125	1.09	136
06/18/2005 22:47	5,190	127	1.10	140
06/19/2005 12:47	4,890	115	1.10	127
06/19/2005 19:47	5,330	122	1.10	134
06/20/2005 09:47	4,590	114	1.11	127
06/20/2005 16:47	5,100	111	1.11	123
06/21/2005 13:47	4,400	96	1.11	107
06/21/2005 20:47	4,650	101	1.12	113
06/22/2005 03:47	4,230	91	1.12	102
06/22/2005 17:47	4,700	95	1.12	106
06/22/2005 18:35	4,670	96	1.12	108
06/23/2005 08:35	4,190	92	1.13	104
06/23/2005 22:35	4,930	103	1.13	116
06/24/2005 12:35	4,570	154	1.13	174
06/24/2005 19:35	5,010	159	1.14	181
06/25/2005 02:35	4,540	115	1.14	131

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
06/25/2005 09:35	4,010	111	1.14	127
06/25/2005 16:35	4,290	102	1.14	116
06/28/2005 13:35	3,280	95	1.16	110
06/29/2005 00:35	3,330	87	1.16	101
06/29/2005 11:35	3,160	86	1.16	100
06/29/2005 13:35	3,250	88	1.16	102
06/30/2005 22:35	3,290	77	1.15	89
07/01/2005 09:35	2,860	81	1.15	93
07/01/2005 20:35	3,060	72	1.15	83
07/02/2005 07:35	2,670	64	1.14	73
07/02/2005 18:35	2,860	75	1.14	85
07/03/2005 16:35	2,550	85	1.14	97
07/04/2005 03:35	2,640	77	1.13	87
07/05/2005 01:35	2,490	71	1.13	80
07/05/2005 23:35	2,370	66	1.13	75
07/07/2005 07:12	2,010	54	1.12	60
07/08/2005 05:12	2,040	48	1.12	54
07/09/2005 03:12	1,930	41	1.11	46
07/10/2005 01:12	1,860	33	1.11	37
07/10/2005 23:12	1,830	20	1.10	22
07/11/2005 21:12	1,780	21	1.10	23
07/12/2005 19:12	1,570	18	1.10	20
07/14/2005 14:34	1,420	43	1.09	47
07/15/2005 23:34	1,500	65	1.08	70
07/17/2005 08:34	1,430	72	1.08	78
07/18/2005 17:34	1,360	58	1.07	62
07/20/2005 02:34	1,280	59	1.06	63
07/21/2005 11:34	1,230	51	1.06	54
07/22/2005 16:35	1,180	57	1.05	60
07/23/2005 03:35	1,180	71	1.05	75
07/23/2005 14:35	1,150	54	1.05	57
07/24/2005 01:35	1,190	73	1.05	77
07/24/2005 12:35	1,260	63	1.04	66
07/24/2005 23:35	1,330	104	1.04	108
07/25/2005 10:25	1,340	4,640	1.04	4,830
07/25/2005 10:35	1,340	5,100	1.04	5,300
07/25/2005 11:07	1,350	11,700	1.04	12,200
07/25/2005 21:35	1,900	1,970	1.04	2,050
07/26/2005 08:35	1,860	3,230	1.04	3,360

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
07/26/2005 19:35	1,860	2,550	1.04	2,650
07/27/2005 06:35	1,880	3,910	1.04	4,070
07/27/2005 17:35	1,790	928	1.04	965
07/28/2005 04:35	1,720	452	1.04	470
07/28/2005 15:35	1,630	377	1.04	392
07/29/2005 02:35	1,590	282	1.04	293
07/29/2005 13:35	1,470	261	1.04	271
07/30/2005 11:35	1,340	209	1.04	217
07/31/2005 09:35	1,280	169	1.04	176
08/01/2005 07:35	1,320	182	1.04	189
08/02/2005 00:59	1,430	152	1.04	158
08/02/2005 11:59	1,280	127	1.04	132
08/02/2005 22:59	1,390	210	1.04	218
08/03/2005 09:59	1,290	717	1.04	746
08/04/2005 10:35	1,280	189	1.04	197
08/05/2005 14:35	1,370	132	1.04	137
08/06/2005 04:35	1,620	158	1.04	164
08/07/2005 01:35	1,470	125	1.04	130
08/08/2005 18:35	1,380	197	1.04	205
08/09/2005 22:35	1,400	150	1.04	156
08/10/2005 05:35	1,350	192	1.04	200
08/10/2005 12:35	1,430	205	1.04	213
08/10/2005 19:35	1,520	166	1.04	173
08/11/2005 02:35	1,610	175	1.04	182
08/11/2005 16:35	1,730	162	1.04	168
08/11/2005 23:35	2,100	206	1.04	214
08/12/2005 06:35	1,820	395	1.04	411
08/12/2005 13:35	1,730	430	1.04	447
08/12/2005 20:35	1,860	254	1.04	264
08/13/2005 03:35	1,860	425	1.04	442
08/13/2005 10:35	1,730	236	1.04	245
08/14/2005 00:35	1,720	166	1.04	173
08/14/2005 21:35	1,760	136	1.04	141
08/15/2005 12:01	1,700	139	1.04	145
08/16/2005 02:01	1,640	117	1.04	122
08/16/2005 16:01	1,600	128	1.04	133
08/16/2005 23:01	1,750	178	1.04	185
08/17/2005 06:01	1,670	172	1.04	179
08/17/2005 20:01	1,830	144	1.04	150

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
08/18/2005 10:01	1,830	144	1.04	150
08/18/2005 17:01	1,700	196	1.04	204
08/19/2005 00:01	1,680	287	1.04	298
08/19/2005 07:01	1,560	159	1.04	165
08/19/2005 14:01	1,500	119	1.04	124
08/20/2005 04:01	1,510	109	1.04	113
08/20/2005 18:01	1,390	82	1.04	85
08/21/2005 08:01	1,380	75	1.04	78
08/21/2005 22:01	1,510	112	1.04	116
08/22/2005 05:01	1,440	1,920	1.04	2,000
08/22/2005 11:24	1,390	311	1.04	323
08/22/2005 22:24	1,430	147	1.04	153
08/23/2005 09:24	1,310	90	1.04	94
08/23/2005 20:24	1,290	108	1.04	112
08/24/2005 07:24	1,250	96	1.04	100
08/25/2005 05:24	1,340	57	1.04	59
08/26/2005 03:24	1,360	41	1.04	43
08/26/2005 09:53	1,380	114	1.04	119
08/26/2005 20:53	1,330	165	1.04	172
08/27/2005 07:53	1,340	123	1.04	128
08/28/2005 05:53	1,410	70	1.04	73
08/29/2005 03:53	1,420	62	1.04	64
08/30/2005 01:53	1,390	38	1.04	40
08/30/2005 23:53	1,300	36	1.04	37
08/31/2005 21:53	1,220	28	1.04	29
09/01/2005 19:53	1,240	28	1.04	29
09/02/2005 11:18	1,250	36	1.04	37
09/03/2005 09:18	1,290	43	1.04	45
09/03/2005 20:18	1,270	29	1.04	30
09/04/2005 07:18	1,310	289	1.04	301
09/04/2005 18:18	1,360	93	1.04	97
09/05/2005 05:18	1,470	132	1.04	137
09/05/2005 16:18	1,450	171	1.04	178
09/06/2005 03:18	1,430	99	1.04	103
09/06/2005 14:18	1,430	69	1.04	72
09/07/2005 12:18	1,400	54	1.04	56
09/08/2005 20:02	1,340	39	1.04	41
09/09/2005 13:46	1,500	409	1.04	425
09/09/2005 14:16	1,500	879	1.04	914

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
09/09/2005 20:16	1,730	540	1.04	562
09/09/2005 20:31	1,720	946	1.04	984
09/09/2005 23:17	2,010	2,170	1.04	2,260
09/10/2005 03:01	2,170	1,160	1.04	1,210
09/10/2005 07:31	2,040	867	1.04	902
09/10/2005 08:01	2,050	1,430	1.04	1,490
09/10/2005 11:01	2,060	7,450	1.04	7,750
09/10/2005 15:01	2,060	2,940	1.06	3,120
09/10/2005 17:31	1,990	2,760	1.07	2,950
09/10/2005 18:16	1,980	3,130	1.07	3,350
09/10/2005 23:16	2,030	1,940	1.09	2,110
09/11/2005 04:31	1,950	1,420	1.11	1,580
09/11/2005 06:01	1,930	1,310	1.12	1,470
09/11/2005 08:01	1,890	1,000	1.13	1,130
09/11/2005 18:01	1,830	580	1.17	679
09/12/2005 06:01	1,760	275	1.22	336
09/12/2005 11:46	1,730	316	1.25	395
09/12/2005 18:01	1,710	237	1.27	301
09/13/2005 21:01	1,660	163	1.39	227
09/15/2005 06:01	1,640	143	1.53	219
09/16/2005 09:35	1,610	117	1.65	193
09/16/2005 11:10	1,570	129	1.65	213
09/17/2005 09:10	1,520	126	1.65	208
09/18/2005 18:10	1,470	97	1.65	160
09/20/2005 03:10	1,490	102	1.65	168
09/21/2005 12:10	1,430	81	1.65	134
09/21/2005 23:10	1,510	466	1.65	769
09/22/2005 10:10	1,570	494	1.65	815
09/22/2005 21:10	1,760	226	1.65	373
09/23/2005 08:10	1,770	975	1.65	1,610
09/23/2005 19:10	1,740	310	1.65	512
09/24/2005 06:10	1,760	240	1.65	396
09/24/2005 17:10	1,680	212	1.65	350
09/26/2005 02:10	1,630	136	1.65	224
09/27/2005 00:10	1,580	97	1.65	160
09/28/2005 03:45	1,850	964	1.65	1,590
09/28/2005 06:01	2,020	1,670	1.65	2,760
09/28/2005 08:15	2,100	2,040	1.65	3,370
09/28/2005 09:00	2,120	2,450	1.65	4,040

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
09/28/2005 10:15	2,250	1,320	1.65	2,180
09/28/2005 13:30	2,760	892	1.65	1,470
09/28/2005 17:00	2,870	1,690	1.65	2,790
09/28/2005 21:00	2,760	3,860	1.65	6,370
09/29/2005 03:46	2,720	6,090	1.65	10,000
09/29/2005 09:30	2,630	1,860	1.65	3,070
09/29/2005 10:00	2,640	1,650	1.65	2,720
09/29/2005 14:00	2,730	1,800	1.65	2,970
09/29/2005 18:00	2,590	1,090	1.65	1,800
09/29/2005 22:15	2,500	1,200	1.65	1,980
09/30/2005 06:00	2,420	1,170	1.65	1,930
09/30/2005 06:16	2,420	1,110	1.65	1,830
09/30/2005 10:15	2,340	861	1.65	1,420
09/30/2005 18:01	2,260	521	1.65	860
10/01/2005 06:01	2,160	209	1.65	345
10/02/2005 04:16	2,070	210	1.65	346
10/03/2005 13:16	2,000	277	1.65	457
10/04/2005 22:16	1,770	136	1.65	224
10/06/2005 07:16	1,860	100	1.65	165
10/07/2005 16:16	1,770	110	1.65	182
10/09/2005 01:16	1,780	85	1.65	140
10/09/2005 18:01	2,380	792	1.65	1,310
10/09/2005 22:45	2,340	1,180	1.65	1,950
10/10/2005 02:00	2,370	4,130	1.65	6,810
10/10/2005 06:00	2,490	2,420	1.65	3,990
10/10/2005 14:00	2,490	1,210	1.65	2,000
10/10/2005 18:00	2,540	1,030	1.65	1,700
10/10/2005 18:16	2,560	1,000	1.65	1,650
10/11/2005 01:30	2,410	859	1.65	1,420
10/11/2005 05:00	2,330	961	1.65	1,590
10/11/2005 18:01	2,220	342	1.65	564
10/11/2005 22:31	2,180	248	1.65	409
10/13/2005 07:31	1,940	105	1.65	173
10/15/2005 20:04	1,940	110	1.65	182
10/17/2005 05:04	1,910	86	1.65	142
10/18/2005 14:04	1,840	87	1.65	144
10/19/2005 23:04	2,100	147	1.65	243
10/21/2005 08:04	2,060	158	1.65	261
10/22/2005 17:04	1,930	115	1.65	190

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
10/24/2005 02:04	1,940	67	1.65	111
10/25/2005 10:49	1,880	54	1.65	89
10/25/2005 14:34	1,860	52	1.65	86
10/25/2005 18:34	1,840	51	1.65	84
10/26/2005 21:49	1,870	57	1.65	94
03/14/2006 16:06	1,110	29	1.20	35
03/15/2006 18:06	1,110	21	1.20	25
03/16/2006 20:06	1,210	26	1.20	31
03/17/2006 22:06	1,200	23	1.20	28
03/18/2006 11:06	1,210	23	1.20	28
03/19/2006 00:06	1,230	30	1.20	36
03/20/2006 15:06	1,190	20	1.20	24
03/21/2006 04:06	1,190	25	1.20	30
03/22/2006 19:06	1,180	20	1.20	24
03/23/2006 21:06	1,170	21	1.20	25
03/24/2006 13:30	1,160	11	1.20	13
03/25/2006 05:35	1,170	23	1.20	28
03/26/2006 21:35	1,240	27	1.20	32
03/27/2006 19:35	1,270	25	1.20	30
03/28/2006 06:35	1,250	26	1.20	31
03/28/2006 18:05	1,260	20	1.20	24
03/29/2006 01:35	1,460	35	1.20	42
03/29/2006 14:35	1,520	68	1.20	82
03/29/2006 19:35	1,570	139	1.20	167
03/29/2006 21:50	1,650	169	1.20	203
03/30/2006 02:05	1,650	158	1.20	190
03/30/2006 06:05	1,660	224	1.20	269
03/30/2006 17:35	1,700	146	1.20	175
03/30/2006 18:05	1,740	143	1.20	172
03/30/2006 22:20	1,670	411	1.20	493
03/30/2006 23:05	1,620	432	1.20	518
03/31/2006 00:50	1,570	318	1.20	382
03/31/2006 02:50	1,580	221	1.20	265
03/31/2006 09:20	1,550	155	1.20	186
04/03/2006 17:05	1,800	192	1.20	230
04/04/2006 00:05	1,790	191	1.20	229
04/05/2006 01:49	2,050	254	1.20	305
04/05/2006 19:04	2,260	394	1.20	473
04/06/2006 14:34	2,400	498	1.20	598

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
04/07/2006 06:04	2,450	406	1.20	487
04/12/2006 13:53	3,070	418	1.20	502
04/13/2006 02:53	2,860	343	1.20	412
04/13/2006 15:53	3,420	489	1.20	587
04/14/2006 04:53	3,000	566	1.20	679
04/14/2006 17:53	4,400	1,080	1.20	1,300
04/15/2006 06:53	4,250	825	1.20	990
04/15/2006 19:53	5,310	1,290	1.20	1,550
04/16/2006 08:53	5,260	1,070	1.20	1,280
04/16/2006 21:53	4,550	506	1.20	607
04/17/2006 10:53	4,410	496	1.20	595
04/17/2006 23:53	4,250	544	1.20	653
04/18/2006 12:53	4,930	568	1.20	682
04/19/2006 01:53	4,270	442	1.20	530
04/20/2006 03:53	3,450	232	1.20	278
04/21/2006 05:53	3,280	215	1.20	258
04/22/2006 07:53	3,390	274	1.20	329
04/23/2006 22:53	4,450	473	1.20	568
04/24/2006 11:53	5,470	689	1.20	827
04/25/2006 00:53	4,950	630	1.20	756
04/25/2006 10:00	4,670	472	1.20	566
04/25/2006 10:45	4,660	341	1.20	409
04/25/2006 11:45	4,660	318	1.20	382
04/26/2006 14:00	4,150	293	1.19	349
04/27/2006 03:00	3,760	206	1.18	243
04/28/2006 05:00	3,720	245	1.16	284
04/28/2006 18:00	4,540	366	1.16	425
04/29/2006 07:00	3,910	246	1.15	283
04/29/2006 20:00	4,210	56	1.14	64
04/30/2006 09:00	3,680	178	1.14	203
05/02/2006 00:00	3,290	151	1.12	169
05/02/2006 13:00	3,480	246	1.11	273
05/03/2006 15:00	3,900	227	1.09	247
05/04/2006 04:00	3,550	243	1.09	265
05/04/2006 16:30	3,940	288	1.08	311
05/04/2006 17:46	3,990	232	1.08	251
05/05/2006 18:00	3,780	177	1.07	189
05/07/2006 09:00	2,970	141	1.06	149
05/08/2006 11:00	2,760	255	1.06	270

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/09/2006 13:00	2,730	216	1.05	227
05/10/2006 02:00	2,830	136	1.05	143
05/11/2006 17:00	2,580	149	1.04	155
05/12/2006 06:00	2,730	115	1.04	120
05/13/2006 21:00	3,150	152	1.03	157
05/15/2006 12:00	3,310	256	1.02	261
05/16/2006 01:00	3,820	289	1.01	292
05/16/2006 14:00	3,670	274	1.01	277
05/17/2006 16:00	3,810	229	1.01	231
05/18/2006 14:45	3,680	485	1.00	485
05/18/2006 23:00	3,680	146	1.00	146
05/19/2006 08:00	3,440	143	1.00	143
05/20/2006 02:00	3,700	150	1.00	150
05/21/2006 14:00	3,670	161	1.00	161
05/22/2006 08:00	3,650	180	1.00	180
05/23/2006 02:00	3,970	155	1.00	155
05/23/2006 11:00	3,930	614	1.00	614
05/23/2006 20:00	4,770	295	1.00	295
05/24/2006 05:00	4,300	355	1.00	355
05/24/2006 13:50	3,850	275	1.00	275
05/25/2006 06:05	3,520	135	1.00	135
05/25/2006 15:35	3,500	167	1.00	167
05/26/2006 06:05	3,450	125	1.00	125
05/27/2006 17:00	3,450	139	1.00	139
05/28/2006 06:00	3,260	122	1.00	122
05/29/2006 21:00	2,940	88	1.00	88
05/30/2006 10:00	2,660	95	1.00	95
05/31/2006 12:00	2,290	192	1.00	192
06/01/2006 14:00	2,150	120	1.00	120
06/02/2006 03:00	2,380	84	1.00	84
06/03/2006 18:00	2,410	95	1.00	95
06/04/2006 07:00	2,340	81	1.00	81
06/05/2006 22:00	2,580	98	1.00	98
06/06/2006 11:00	2,280	151	1.00	151
06/07/2006 00:00	2,530	99	1.00	99
06/08/2006 14:30	2,510	109	1.00	109
06/08/2006 22:00	2,850	125	1.01	126
06/09/2006 03:00	2,820	134	1.02	137
06/09/2006 13:00	2,720	169	1.03	174

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
06/10/2006 02:00	3,260	177	1.05	186
06/10/2006 15:00	3,010	418	1.07	447
06/11/2006 04:00	2,980	187	1.09	204
06/11/2006 17:00	2,880	215	1.11	239
06/12/2006 06:00	2,780	129	1.12	144
06/12/2006 19:00	2,760	120	1.14	137
06/13/2006 08:00	2,420	106	1.16	123
06/13/2006 15:10	2,520	177	1.17	207
06/13/2006 16:00	2,550	140	1.17	164
06/15/2006 07:00	2,300	89	1.17	104
06/17/2006 11:00	2,140	98	1.16	114
06/19/2006 02:00	2,160	73	1.16	85
06/20/2006 17:00	1,890	57	1.15	66
06/22/2006 08:00	1,810	31	1.15	36
06/24/2006 12:00	1,670	38	1.15	44
06/26/2006 16:00	1,710	53	1.14	60
06/28/2006 08:30	1,630	41	1.14	47
06/29/2006 23:30	1,660	38	1.13	43
06/30/2006 12:30	1,600	67	1.13	76
07/01/2006 01:30	1,560	38	1.13	43
07/02/2006 03:30	1,600	44	1.13	50
07/03/2006 18:30	1,760	65	1.13	73
07/04/2006 20:30	1,720	99	1.12	111
07/05/2006 09:30	1,680	85	1.12	95
07/05/2006 22:30	1,870	812	1.12	909
07/06/2006 11:30	1,780	149	1.12	167
07/07/2006 00:30	1,870	145	1.12	162
07/07/2006 14:30	1,900	155	1.12	174
07/08/2006 03:30	1,930	157	1.12	176
07/08/2006 16:30	1,940	337	1.12	377
07/09/2006 05:30	2,060	241	1.12	270
07/09/2006 18:30	2,940	823	1.11	914
07/10/2006 07:30	2,980	2,490	1.11	2,760
07/10/2006 20:30	3,180	2,780	1.11	3,090
07/11/2006 09:30	3,310	3,080	1.11	3,420
07/11/2006 12:45	3,210	6,300	1.11	6,990
07/11/2006 14:02	3,140	6,840	1.11	7,590
07/11/2006 16:45	3,030	5,200	1.11	5,770
07/12/2006 04:34	2,670	1,300	1.11	1,440

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
07/12/2006 19:19	2,840	699	1.11	776
07/13/2006 07:49	2,100	438	1.11	486
07/13/2006 14:49	2,080	371	1.11	412
07/13/2006 18:04	2,130	310	1.11	344
07/13/2006 20:04	2,160	295	1.11	327
07/14/2006 08:34	2,040	237	1.11	263
07/14/2006 21:49	2,080	245	1.11	272
07/15/2006 05:04	2,070	217	1.11	241
07/15/2006 14:34	1,980	227	1.11	252
07/17/2006 16:00	1,870	437	1.11	485
07/17/2006 23:00	1,850	148	1.11	164
07/18/2006 06:00	1,760	140	1.11	155
07/18/2006 20:00	1,710	156	1.11	173
07/19/2006 03:00	1,730	188	1.11	209
07/19/2006 10:00	1,750	330	1.11	366
07/19/2006 17:00	1,730	241	1.11	268
07/20/2006 00:00	1,680	137	1.11	152
07/20/2006 07:00	1,720	414	1.11	460
07/20/2006 14:00	1,710	246	1.11	273
07/20/2006 21:00	1,750	150	1.11	167
07/21/2006 04:00	5,640	648	1.11	719
07/21/2006 11:00	2,920	56,400	1.00	56,400
07/21/2006 18:00	2,420	45,400	1.00	45,400
07/22/2006 01:00	2,240	5,720	1.00	5,720
07/22/2006 08:00	2,210	1,270	1.00	1,270
07/22/2006 15:00	2,070	888	1.00	888
07/22/2006 22:00	1,900	469	1.00	469
07/23/2006 05:00	1,670	365	1.00	365
07/23/2006 19:00	1,460	252	1.00	252
07/24/2006 09:00	1,380	220	1.00	220
07/25/2006 13:00	1,340	214	1.00	214
07/26/2006 03:00	1,870	273	1.00	273
07/26/2006 17:00	1,850	261	1.00	261
07/27/2006 07:00	1,820	186	1.00	186
07/27/2006 21:00	1,890	205	1.00	205
07/28/2006 04:00	1,830	3,210	1.00	3,210
07/28/2006 11:00	1,790	1,420	1.00	1,420
07/28/2006 18:00	1,830	664	1.00	664
07/29/2006 01:00	1,850	316	1.00	316

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
07/30/2006 12:00	1,810	187	1.00	187
07/31/2006 16:00	2,100	316	1.00	316
07/31/2006 23:00	2,780	4,910	1.00	4,910
08/01/2006 06:00	2,040	10,500	1.00	10,500
08/01/2006 12:50	2,090	1,020	1.00	1,020
08/01/2006 14:10	2,150	696	0.99	689
08/01/2006 20:00	2,200	482	0.94	453
08/02/2006 03:00	2,790	1,000	0.89	890
08/02/2006 10:00	2,560	9,160	0.83	7,600
08/02/2006 13:29	2,630	2,840	0.80	2,270
08/02/2006 14:44	2,620	1,610	0.79	1,270
08/02/2006 17:00	2,580	906	0.79	716
08/03/2006 00:00	2,440	767	0.79	606
08/03/2006 07:00	2,360	1,570	0.79	1,240
08/03/2006 14:00	2,250	1,270	0.79	1,000
08/03/2006 21:00	2,320	923	0.79	729
08/04/2006 04:00	2,280	480	0.79	379
08/04/2006 11:00	2,240	363	0.79	287
08/04/2006 18:00	2,300	303	0.79	239
08/05/2006 01:00	2,300	1,310	0.79	1,030
08/05/2006 08:00	2,440	721	0.79	570
08/05/2006 15:00	2,480	7,460	1.07	7,980
08/05/2006 22:00	2,510	1,110	1.07	1,190
08/06/2006 05:00	2,400	560	1.07	599
08/06/2006 12:00	2,360	400	1.07	428
08/06/2006 19:00	2,370	304	1.07	325
08/07/2006 02:00	2,360	250	1.07	268
08/07/2006 09:00	2,290	218	1.07	233
08/07/2006 16:00	2,330	274	1.07	293
08/07/2006 23:00	2,300	1,930	1.07	2,070
08/08/2006 23:35	2,240	204	1.07	218
08/09/2006 12:35	2,180	259	1.07	277
08/09/2006 16:35	2,210	358	1.07	383
08/10/2006 05:50	2,230	215	1.07	230
08/10/2006 18:50	2,300	213	1.07	228
08/11/2006 20:50	2,160	153	1.07	164
08/12/2006 09:50	2,080	129	1.07	138
08/13/2006 11:50	2,130	167	1.07	179
08/14/2006 00:50	2,170	129	1.07	138

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
08/15/2006 15:50	2,020	112	1.07	120
08/16/2006 00:20	2,070	521	1.07	557
08/16/2006 00:50	2,070	1,040	1.07	1,110
08/16/2006 12:35	1,990	445	1.07	476
08/17/2006 01:50	2,030	125	1.07	134
08/17/2006 04:50	2,010	359	1.07	384
08/17/2006 17:05	1,980	197	1.07	211
08/18/2006 06:20	1,990	94	1.07	101
08/18/2006 19:20	2,000	102	1.07	109
08/19/2006 08:20	1,950	93	1.07	100
08/19/2006 21:20	1,970	86	1.07	92
08/20/2006 10:20	1,910	126	1.07	135
08/20/2006 23:20	1,930	78	1.07	83
08/21/2006 12:20	1,940	98	1.07	105
08/22/2006 01:20	1,920	53	1.07	57
08/22/2006 14:20	1,890	54	1.07	58
08/23/2006 21:20	1,940	35	1.07	37
08/24/2006 00:35	1,970	31	1.07	33
08/24/2006 10:05	1,910	24	1.07	26
08/25/2006 10:46	2,290	1,650	1.07	1,770
08/25/2006 10:51	2,280	1,790	1.07	1,920
08/25/2006 11:05	2,260	1,890	1.07	2,020
08/25/2006 12:45	2,260	1,260	1.07	1,350
08/25/2006 13:00	2,240	1,220	1.07	1,310
08/25/2006 13:30	2,260	1,580	1.07	1,690
08/25/2006 14:00	2,260	2,540	1.07	2,720
08/25/2006 21:50	2,230	1,400	1.07	1,500
08/26/2006 01:20	2,230	712	1.07	762
08/26/2006 13:35	2,190	162	1.07	173
08/26/2006 18:50	3,340	317	1.07	339
08/26/2006 19:05	3,880	474	1.07	507
08/26/2006 19:20	4,240	458	1.07	490
08/26/2006 20:05	4,210	1,540	1.07	1,650
08/26/2006 20:20	4,030	4,030	1.07	4,310
08/26/2006 20:35	3,780	5,100	1.07	5,460
08/26/2006 20:50	3,590	4,690	1.07	5,020
08/26/2006 21:05	3,540	8,190	1.07	8,760
08/27/2006 00:05	2,730	12,200	1.07	13,100
08/27/2006 00:20	2,710	11,300	1.07	12,100

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
08/27/2006 00:35	2,660	9,990	1.07	10,700
08/27/2006 00:50	2,600	8,730	1.07	9,340
08/27/2006 02:20	2,480	4,390	1.07	4,700
08/27/2006 04:20	2,470	3,050	1.07	3,260
08/27/2006 04:35	2,470	3,230	1.07	3,460
08/27/2006 04:50	2,480	3,470	1.07	3,710
08/27/2006 05:05	2,510	3,670	1.07	3,930
08/28/2006 11:16	2,780	942	1.17	1,100
08/28/2006 12:10	2,740	789	1.17	923
08/28/2006 19:50	2,710	377	1.17	441
08/29/2006 09:05	2,450	188	1.17	220
08/30/2006 03:00	2,420	145	1.17	170
08/30/2006 10:00	2,360	136	1.17	159
08/31/2006 07:00	2,320	110	1.17	129
09/01/2006 11:00	2,230	112	1.17	131
09/02/2006 22:00	2,300	92	1.17	108
09/04/2006 09:00	2,250	73	1.17	85
09/05/2006 13:00	2,190	79	1.17	92
09/07/2006 13:00	2,210	50	1.17	58
09/08/2006 03:00	2,240	64	1.17	75
09/08/2006 10:00	2,290	220	1.17	257
09/08/2006 17:00	2,410	112	1.17	131
09/09/2006 00:00	2,590	504	1.17	590
09/09/2006 07:00	2,590	212	1.17	248
09/09/2006 14:00	2,690	248	1.17	290
09/09/2006 21:00	2,850	678	1.17	793
09/10/2006 11:00	2,620	563	1.17	659
09/11/2006 22:00	2,620	117	1.17	137
09/12/2006 12:00	2,520	139	1.17	163
09/13/2006 09:00	2,420	88	1.17	103
09/13/2006 21:00	2,420	83	1.17	97
09/14/2006 18:00	2,380	76	1.17	89
09/15/2006 15:00	2,480	155	1.17	181
09/15/2006 22:00	2,600	452	1.17	529
09/16/2006 05:00	2,880	344	1.17	402
09/16/2006 12:00	2,700	1,010	1.17	1,180
09/16/2006 19:00	3,000	384	1.17	449
09/17/2006 02:00	2,750	2,560	1.17	3,000
09/17/2006 09:00	2,630	733	1.17	858

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
09/17/2006 16:00	2,620	284	1.17	332
09/17/2006 23:00	2,600	134	1.17	157
09/18/2006 20:00	2,590	73	1.17	85
09/20/2006 00:00	2,580	77	1.17	90
09/21/2006 02:00	2,750	122	1.17	143
09/21/2006 09:00	3,010	830	1.17	971
09/21/2006 16:00	2,880	1,310	1.17	1,530
09/21/2006 23:00	2,970	651	1.17	762
09/22/2006 06:00	2,910	531	1.17	621
09/22/2006 13:00	3,790	1,060	1.17	1,240
09/22/2006 20:00	3,870	2,150	1.17	2,520
09/23/2006 03:00	4,000	3,820	1.17	4,470
09/23/2006 10:00	4,000	1,910	1.17	2,230
09/23/2006 17:00	3,600	1,090	1.17	1,280
09/24/2006 07:00	2,860	897	1.17	1,050
09/24/2006 21:00	2,660	333	1.17	390
09/25/2006 11:00	2,620	197	1.17	230
09/26/2006 08:00	2,230	153	1.17	179
09/26/2006 22:00	2,230	148	1.17	173
09/27/2006 12:00	2,200	160	1.17	187
09/28/2006 23:00	2,160	125	1.17	146
09/30/2006 17:00	2,100	108	1.17	126
10/01/2006 14:00	2,070	95	1.17	111
10/03/2006 08:00	2,020	87	1.17	102
10/03/2006 22:00	2,510	407	1.17	476
10/04/2006 05:00	3,340	1,200	1.17	1,400
10/04/2006 12:00	3,230	2,340	1.17	2,740
10/04/2006 19:00	3,000	2,320	1.17	2,710
10/05/2006 02:00	2,750	1,570	1.17	1,840
10/05/2006 09:00	2,580	1,870	1.17	2,190
10/05/2006 16:00	2,530	882	1.17	1,030
10/05/2006 23:00	2,670	559	1.17	654
10/06/2006 06:00	2,980	1,230	1.17	1,440
10/06/2006 13:00	3,290	1,850	1.17	2,160
10/06/2006 20:00	6,010	4,950	1.17	5,790
10/07/2006 03:00	5,670	7,880	1.17	9,220
10/07/2006 10:00	5,000	12,300	1.17	14,400
10/07/2006 17:00	4,490	5,730	1.17	6,700
10/08/2006 00:00	4,310	1,880	1.17	2,200

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
10/08/2006 07:00	3,850	1,520	1.17	1,780
10/08/2006 14:00	3,550	1,030	1.17	1,210
10/08/2006 21:00	3,310	566	1.17	662
10/09/2006 04:00	3,260	415	1.17	486
10/09/2006 11:00	3,070	543	1.17	635
10/09/2006 18:00	3,040	301	1.17	352
10/10/2006 01:00	3,010	385	1.17	450
10/10/2006 08:00	3,780	656	1.17	768
10/10/2006 17:22	3,310	2,180	1.17	2,550
10/11/2006 00:30	3,310	1,150	1.17	1,350
10/11/2006 07:30	3,280	513	1.17	600
10/11/2006 14:30	3,240	778	1.17	910
10/11/2006 21:30	3,230	450	1.17	526
10/12/2006 04:30	3,100	293	1.17	343
10/12/2006 11:30	3,010	267	1.17	312
10/12/2006 18:30	2,950	225	1.17	263
10/13/2006 01:30	2,890	185	1.17	216
10/13/2006 08:30	2,860	164	1.17	192
10/13/2006 22:30	2,820	145	1.17	170
10/15/2006 02:30	2,790	118	1.17	138
10/15/2006 09:30	3,030	131	1.17	153
10/15/2006 16:30	3,170	316	1.17	370
10/15/2006 23:30	3,500	362	1.17	424
10/16/2006 06:30	3,390	869	1.17	1,020
10/16/2006 13:30	3,040	1,440	1.17	1,680
10/16/2006 20:30	2,940	648	1.17	758
10/17/2006 03:30	3,360	742	1.17	868
10/17/2006 10:30	3,160	817	1.17	956
10/17/2006 17:30	3,550	622	1.17	728
10/18/2006 15:00	4,120	1,880	1.17	2,200
10/18/2006 18:00	3,960	1,180	1.17	1,380
10/18/2006 21:00	3,820	1,080	1.17	1,260
10/19/2006 00:00	3,680	821	1.17	961
10/19/2006 03:00	3,520	901	1.17	1,050
10/19/2006 06:00	3,370	1,130	1.17	1,320
10/19/2006 09:00	3,200	1,160	1.17	1,360
10/19/2006 12:00	3,090	909	1.25	1,140
10/19/2006 15:00	3,060	673	1.33	895
10/19/2006 18:00	3,010	466	1.41	657

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
10/19/2006 21:00	2,980	333	1.49	496
10/20/2006 00:00	2,940	268	1.57	421
10/20/2006 03:00	2,910	221	1.65	365
10/20/2006 06:00	2,880	186	1.73	322
10/20/2006 09:00	2,940	173	1.81	313
10/20/2006 12:35	2,960	263	1.91	502
10/20/2006 13:20	2,970	158	1.92	303
10/21/2006 03:30	2,910	124	1.92	238
10/23/2006 11:30	2,670	111	1.92	213
10/25/2006 19:30	2,660	70	1.92	134
10/27/2006 16:30	2,760	516	1.92	991
10/28/2006 10:30	2,620	80	1.92	154
10/30/2006 04:30	2,070	77	1.92	148
11/01/2006 19:30	1,960	41	1.92	79
11/03/2006 16:00	1,790	31	1.92	60
03/09/2007 16:00	1,570	31	1.00	31
03/11/2007 07:00	1,470	38	1.00	38
03/14/2007 11:00	1,760	161	1.00	161
03/15/2007 14:40	2,430	613	1.00	613
03/15/2007 15:00	2,450	600	1.00	600
03/15/2007 15:45	2,490	597	1.00	597
03/15/2007 20:00	2,550	470	1.00	470
03/16/2007 06:00	2,410	624	1.00	624
03/16/2007 11:00	2,550	650	1.00	650
03/16/2007 16:00	2,730	554	1.00	554
03/17/2007 07:00	2,580	438	1.00	438
03/17/2007 12:00	2,800	498	1.00	498
03/18/2007 03:00	2,760	373	1.00	373
03/18/2007 23:00	3,210	502	1.00	502
03/19/2007 04:00	3,120	541	1.00	541
03/19/2007 14:00	3,790	526	1.00	526
03/20/2007 00:00	3,420	609	1.00	609
03/20/2007 15:00	3,970	585	1.00	585
03/20/2007 20:00	3,680	577	1.00	577
03/21/2007 06:00	3,420	515	1.20	618
03/21/2007 11:00	3,820	484	1.30	629
03/21/2007 16:00	3,940	472	1.40	661
03/21/2007 17:18	3,930	478	1.41	674
03/22/2007 09:00	3,550	396	1.41	558

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
03/23/2007 05:00	3,180	272	1.41	384
03/24/2007 01:00	3,320	246	1.41	347
03/24/2007 06:00	3,230	272	1.41	384
03/24/2007 21:00	3,240	196	1.41	276
03/25/2007 22:00	3,140	184	1.41	259
03/26/2007 13:00	3,230	228	1.41	321
03/27/2007 16:00	3,470	318	1.41	448
03/27/2007 23:00	3,390	259	1.41	365
03/28/2007 06:00	3,240	289	1.41	407
03/28/2007 13:00	3,790	334	1.41	471
03/28/2007 20:00	3,820	421	1.41	594
03/29/2007 03:00	3,650	382	1.41	539
03/29/2007 10:00	3,650	353	1.41	498
03/29/2007 17:00	3,420	290	1.41	409
03/30/2007 00:00	3,290	223	1.41	314
03/30/2007 07:00	3,260	233	1.41	329
03/30/2007 14:00	3,260	187	1.41	264
03/31/2007 04:00	3,040	150	1.41	212
03/31/2007 18:00	2,980	138	1.41	195
04/01/2007 01:00	2,780	133	1.41	188
04/01/2007 15:00	2,970	170	1.41	240
04/02/2007 12:00	2,730	167	1.41	235
04/03/2007 16:00	2,970	198	1.41	279
04/04/2007 13:00	2,700	177	1.41	250
04/05/2007 03:00	2,890	226	1.41	319
04/05/2007 17:00	3,190	249	1.41	351
04/06/2007 07:00	2,980	223	1.41	314
04/06/2007 14:00	3,440	267	1.41	376
04/06/2007 21:00	3,430	329	1.41	464
04/07/2007 04:00	3,190	322	1.41	454
04/07/2007 11:00	3,280	289	1.41	407
04/07/2007 18:00	3,580	292	1.41	412
04/08/2007 08:00	3,230	276	1.41	389
04/08/2007 15:00	3,490	314	1.41	443
04/08/2007 22:00	3,500	267	1.41	376
04/09/2007 05:00	3,500	231	1.41	326
04/09/2007 12:00	3,910	295	1.41	416
04/10/2007 02:00	3,780	346	1.41	488
04/10/2007 16:00	3,850	370	1.41	522

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
04/11/2007 13:00	3,350	217	1.41	306
04/12/2007 03:00	2,840	184	1.41	259
04/12/2007 17:00	3,000	194	1.41	274
04/13/2007 00:00	2,890	404	1.41	570
04/13/2007 07:00	2,790	257	1.41	362
04/14/2007 18:00	2,490	208	1.41	293
04/15/2007 08:00	2,270	148	1.41	209
04/16/2007 05:00	2,240	147	1.41	207
04/16/2007 12:00	2,280	313	1.41	441
04/16/2007 19:00	2,500	278	1.41	392
04/17/2007 02:00	2,370	233	1.41	329
04/17/2007 09:00	2,200	184	1.41	259
04/18/2007 20:00	2,360	199	1.41	281
04/19/2007 10:00	2,140	173	1.41	244
04/20/2007 21:00	2,070	137	1.41	193
04/21/2007 18:00	2,100	123	1.41	173
04/22/2007 15:00	2,190	130	1.41	183
04/23/2007 05:00	2,070	117	1.41	165
04/24/2007 09:00	1,930	95	1.41	134
04/25/2007 13:00	2,360	181	1.41	255
04/26/2007 17:00	2,280	135	1.41	190
04/27/2007 07:00	1,990	114	1.41	161
04/28/2007 08:00	1,830	107	1.41	151
04/29/2007 19:00	2,740	199	1.41	281
04/30/2007 09:00	2,460	244	1.41	344
04/30/2007 23:00	3,380	378	1.41	533
05/01/2007 06:00	3,100	420	1.41	592
05/01/2007 13:00	3,310	319	1.41	450
05/01/2007 20:00	3,550	363	1.41	512
05/02/2007 03:00	3,350	360	1.41	508
05/02/2007 10:00	3,280	322	1.41	454
05/03/2007 00:00	4,070	340	1.41	479
05/03/2007 14:00	4,330	394	1.41	556
05/04/2007 04:00	4,020	362	1.41	510
05/04/2007 11:00	3,910	332	1.41	468
05/05/2007 15:00	3,720	187	1.41	264
05/06/2007 05:00	3,660	151	1.41	213
05/07/2007 09:00	3,200	155	1.41	219
05/08/2007 20:00	2,880	176	1.41	248

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/09/2007 10:00	2,590	145	1.41	204
05/10/2007 21:00	2,570	149	1.41	210
05/11/2007 04:00	2,560	153	1.41	216
05/15/2007 09:30	4,120	283	1.41	399
05/15/2007 12:00	4,180	237	2.16	512
05/15/2007 15:00	4,380	238	3.06	728
05/15/2007 16:29	4,450	272	3.28	892
05/16/2007 01:00	4,360	286	3.28	938
05/16/2007 08:00	3,920	274	3.28	899
05/16/2007 15:00	4,080	238	3.10	738
05/16/2007 22:00	4,120	242	2.92	707
05/17/2007 05:00	3,740	212	2.74	581
05/17/2007 12:00	3,640	207	2.55	528
05/17/2007 19:00	3,690	174	2.37	412
05/18/2007 09:00	3,220	142	2.01	285
05/18/2007 12:07	3,220	142	1.93	274
05/18/2007 13:08	3,250	135	1.92	259
05/19/2007 19:00	3,310	116	1.82	211
05/20/2007 16:00	3,250	123	1.76	216
05/21/2007 13:00	3,190	124	1.69	210
05/22/2007 10:00	2,970	103	1.62	167
05/23/2007 07:00	3,800	143	1.56	223
05/23/2007 14:00	3,580	169	1.53	259
05/24/2007 11:00	3,110	113	1.47	166
05/26/2007 05:00	2,480	89	1.33	118
05/28/2007 13:00	2,080	98	1.15	113
05/29/2007 17:00	2,450	107	1.07	114
05/30/2007 13:14	2,410	108	1.00	108
05/30/2007 13:51	2,430	90	1.00	90
05/31/2007 18:00	2,280	86	1.00	86
06/02/2007 12:00	2,040	86	1.00	86
06/04/2007 20:00	2,490	109	1.00	109
06/06/2007 07:00	2,290	115	1.00	115
06/07/2007 12:00	2,380	144	1.00	144
06/08/2007 15:00	2,090	120	1.00	120
06/09/2007 18:00	1,840	69	1.00	69
06/10/2007 21:00	2,030	71	1.00	71
06/11/2007 06:00	1,980	79	1.00	79
06/12/2007 00:00	2,180	101	1.00	101

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
06/13/2007 03:00	2,590	135	1.00	135
06/13/2007 12:00	2,910	263	1.00	263
06/14/2007 06:00	2,440	153	1.00	153
06/14/2007 15:00	2,340	309	1.00	309
06/15/2007 09:00	2,090	120	1.00	120
06/18/2007 13:15	1,950	110	1.00	110
06/19/2007 16:15	1,860	126	1.00	126
06/21/2007 13:15	1,580	106	1.00	106
06/23/2007 10:15	1,460	85	1.00	85
06/25/2007 07:15	1,430	64	1.00	64
06/27/2007 04:15	1,330	55	1.00	55
06/29/2007 11:00	1,240	151	1.00	151
07/01/2007 17:00	1,220	68	1.00	68
07/03/2007 05:00	1,180	41	1.00	41
07/05/2007 11:00	1,240	57	1.00	57
07/07/2007 06:00	1,260	83	1.00	83
07/09/2007 03:00	1,300	97	1.00	97
07/10/2007 15:00	1,210	61	1.00	61
07/12/2007 12:00	1,280	147	1.00	147
07/13/2007 06:00	1,340	199	1.00	199
07/14/2007 04:00	1,420	174	1.00	174
07/15/2007 07:00	1,350	154	1.00	154
07/16/2007 19:00	1,350	65	1.00	65
07/18/2007 16:00	1,280	121	1.00	121
07/20/2007 04:00	1,340	139	1.00	139
07/21/2007 12:30	1,330	147	1.00	147
07/21/2007 16:00	1,360	990	1.00	990
07/21/2007 19:30	1,400	184	1.00	184
07/22/2007 09:30	1,350	207	1.00	207
07/22/2007 13:00	1,370	511	1.00	511
07/22/2007 16:30	1,430	410	1.00	410
07/22/2007 20:00	1,470	324	1.00	324
07/23/2007 03:00	1,460	531	1.00	531
07/23/2007 06:30	1,430	338	1.00	338
07/23/2007 10:00	1,420	256	1.00	256
07/23/2007 13:30	1,450	219	1.00	219
07/23/2007 18:00	1,540	220	1.00	220
07/24/2007 15:00	1,430	327	1.00	327
07/24/2007 18:30	1,510	264	1.00	264

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
07/25/2007 19:00	1,500	204	1.00	204
07/26/2007 02:00	1,540	267	1.00	267
07/26/2007 05:30	1,540	8,000	1.00	8,000
07/26/2007 09:00	1,520	852	1.00	852
07/26/2007 12:30	1,680	2,690	1.00	2,690
07/26/2007 15:25	1,720	829	1.00	829
07/26/2007 16:25	1,740	625	1.00	625
07/26/2007 17:30	1,720	579	1.00	579
07/26/2007 21:00	1,690	784	1.00	784
07/27/2007 04:00	1,560	2,470	1.00	2,470
07/27/2007 07:30	1,530	1,360	1.00	1,360
07/27/2007 11:00	1,560	828	1.00	828
07/27/2007 12:12	1,540	688	1.00	688
07/27/2007 12:35	1,510	595	1.00	595
07/27/2007 15:00	1,490	455	1.00	455
07/27/2007 22:00	1,630	615	1.00	615
07/28/2007 01:30	1,520	600	1.00	600
07/28/2007 05:00	1,500	2,390	1.00	2,390
07/28/2007 08:30	1,470	821	1.00	821
07/28/2007 12:00	1,460	500	1.00	500
07/28/2007 15:30	1,550	514	1.00	514
07/28/2007 19:00	1,580	1,140	1.00	1,140
07/28/2007 22:30	1,550	1,210	1.00	1,210
07/29/2007 05:30	1,640	616	1.00	616
07/29/2007 16:00	1,560	22,500	1.00	22,500
07/29/2007 19:30	1,620	11,800	1.00	11,800
07/29/2007 23:00	1,560	2,530	1.12	2,830
07/30/2007 02:30	1,540	1,060	1.12	1,190
07/30/2007 06:00	1,500	676	1.12	757
07/30/2007 09:30	1,450	536	1.12	600
07/30/2007 13:00	1,450	442	1.12	495
07/30/2007 16:30	1,470	391	1.12	438
07/30/2007 20:00	1,500	350	1.12	392
07/30/2007 23:30	1,460	335	1.12	375
07/31/2007 14:18	1,350	254	1.12	284
08/01/2007 08:00	1,280	205	1.12	230
08/02/2007 12:00	1,350	167	1.12	187
08/03/2007 15:00	1,410	155	1.12	174
08/04/2007 12:00	1,710	195	1.12	218

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
08/04/2007 22:30	1,900	327	1.12	366
08/05/2007 02:00	1,890	384	1.12	430
08/05/2007 05:30	1,850	433	1.12	485
08/05/2007 23:00	1,880	255	1.12	286
08/06/2007 06:00	2,280	313	1.12	351
08/06/2007 09:30	2,220	2,200	1.12	2,460
08/06/2007 13:00	2,270	3,690	1.12	4,130
08/06/2007 16:30	2,420	1,600	1.12	1,790
08/06/2007 20:00	2,680	975	1.12	1,090
08/06/2007 23:30	2,870	5,540	1.12	6,200
08/07/2007 09:10	3,080	1,510	1.12	1,690
08/07/2007 09:40	3,040	1,570	1.12	1,760
08/07/2007 10:35	3,040	1,490	1.12	1,670
08/07/2007 12:00	2,910	1,620	1.12	1,810
08/07/2007 14:30	2,790	1,800	1.12	2,020
08/07/2007 17:00	2,790	1,500	1.12	1,680
08/07/2007 19:30	2,770	1,240	1.12	1,390
08/07/2007 22:00	2,700	1,470	1.12	1,650
08/08/2007 00:30	2,610	1,640	1.12	1,840
08/08/2007 03:00	2,590	1,460	1.12	1,640
08/08/2007 05:30	2,550	1,290	1.12	1,440
08/08/2007 08:00	2,530	1,070	1.12	1,200
08/08/2007 18:00	2,420	436	1.00	436
08/09/2007 04:00	2,240	314	1.00	314
08/09/2007 18:00	2,190	310	1.00	310
08/10/2007 16:30	2,120	234	1.00	234
08/12/2007 09:00	1,830	168	1.00	168
08/13/2007 16:30	1,860	135	1.00	135
08/14/2007 19:00	1,720	118	1.00	118
08/15/2007 02:00	1,650	962	1.00	962
08/15/2007 09:00	1,600	297	1.00	297
08/15/2007 16:00	1,650	129	1.00	129
08/16/2007 20:00	1,780	101	1.00	101
08/17/2007 03:00	1,710	319	1.00	319
08/17/2007 10:00	1,680	236	1.00	236
08/17/2007 22:30	1,750	125	1.00	125
08/18/2007 03:00	1,750	119	1.00	119
08/18/2007 07:30	1,740	642	1.00	642
08/18/2007 12:00	1,720	188	1.00	188

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
08/19/2007 15:00	1,690	93	1.00	93
08/21/2007 03:00	1,640	84	1.00	84
08/22/2007 07:30	1,540	59	1.00	59
08/23/2007 16:30	1,480	35	1.00	35
08/25/2007 07:00	1,530	40	1.00	40
08/26/2007 10:30	1,510	25	1.00	25
08/27/2007 21:30	1,770	36	1.00	36
08/28/2007 03:00	1,670	773	1.00	773
08/28/2007 08:30	1,710	243	1.00	243
08/28/2007 14:00	1,810	121	1.00	121
08/28/2007 19:30	1,850	70	1.00	70
08/29/2007 17:30	1,780	66	1.00	66
08/29/2007 23:00	1,780	622	1.00	622
08/30/2007 04:30	1,760	222	1.00	222
08/30/2007 10:00	1,720	104	1.00	104
08/31/2007 08:00	1,680	94	1.00	94
09/01/2007 17:00	1,690	65	1.00	65
09/02/2007 15:00	1,670	60	1.00	60
09/04/2007 05:30	1,680	59	1.00	59
09/05/2007 09:00	1,770	62	1.00	62
09/07/2007 06:00	1,740	61	1.00	61
09/08/2007 12:00	1,930	51	1.00	51
09/10/2007 01:30	2,010	66	1.00	66
09/11/2007 15:00	1,890	68	1.00	68
09/13/2007 15:55	1,880	77	1.00	77
09/17/2007 08:30	2,560	237	1.00	237
09/17/2007 12:20	3,240	610	1.00	610
09/17/2007 12:53	3,280	838	1.00	838
09/17/2007 13:29	3,270	927	1.00	927
09/17/2007 13:47	3,260	1,010	1.02	1,030
09/17/2007 15:12	3,330	2,290	1.14	2,610
09/17/2007 15:50	3,350	2,680	1.16	3,110
09/17/2007 16:45	3,380	2,560	1.16	2,970
09/17/2007 17:45	3,350	2,870	1.16	3,330
09/17/2007 18:45	3,380	2,980	1.16	3,460
09/17/2007 19:45	3,440	3,570	1.16	4,140
09/17/2007 20:45	3,380	3,790	1.16	4,400
09/17/2007 21:45	3,310	3,620	1.16	4,200
09/17/2007 22:45	3,230	7,090	1.16	8,220

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
09/17/2007 23:45	3,260	11,300	1.16	13,100
09/18/2007 00:45	3,310	8,810	1.16	10,200
09/18/2007 01:45	3,290	6,980	1.16	8,100
09/18/2007 02:45	3,290	5,960	1.16	6,910
09/18/2007 03:45	3,320	4,990	1.16	5,790
09/18/2007 04:45	3,410	6,150	1.16	7,130
09/18/2007 05:45	3,440	6,660	1.16	7,730
09/18/2007 06:45	3,440	5,330	1.16	6,180
09/18/2007 07:45	3,440	3,960	1.16	4,590
09/18/2007 08:45	3,440	3,170	1.16	3,680
09/18/2007 09:45	3,440	2,670	1.16	3,100
09/18/2007 10:45	3,410	2,230	1.16	2,590
09/18/2007 11:45	3,350	2,190	1.16	2,540
09/18/2007 12:45	3,380	2,150	1.16	2,490
09/18/2007 13:45	3,350	1,880	1.17	2,200
09/18/2007 16:00	3,290	1,390	1.17	1,630
09/18/2007 19:30	3,190	1,020	1.17	1,190
09/18/2007 23:00	3,070	881	1.17	1,030
09/19/2007 02:30	2,940	908	1.17	1,060
09/19/2007 06:00	2,850	901	1.17	1,050
09/19/2007 09:30	2,740	834	1.17	976
09/19/2007 13:00	2,700	655	1.17	766
09/19/2007 16:30	2,660	557	1.17	652
09/19/2007 20:00	2,660	447	1.17	523
09/19/2007 23:30	2,610	357	1.17	418
09/20/2007 03:00	2,530	314	1.17	367
09/20/2007 10:00	2,500	270	1.18	319
09/21/2007 13:00	2,440	215	1.18	254
09/22/2007 07:00	2,400	181	1.19	215
09/23/2007 10:00	2,600	214	1.19	255
09/23/2007 14:30	3,140	1,860	1.19	2,210
09/23/2007 19:00	2,880	2,050	1.19	2,440
09/23/2007 23:30	3,160	1,090	1.19	1,300
09/24/2007 04:00	3,250	923	1.20	1,110
09/24/2007 08:30	3,290	2,040	1.20	2,450
09/24/2007 13:00	3,770	1,580	1.20	1,900
09/24/2007 17:30	3,740	1,020	1.20	1,220
09/24/2007 22:00	3,560	1,730	1.20	2,080
09/25/2007 02:30	3,440	1,630	1.20	1,960

Table 1–1. Suspended-sediment data from point samples for selected sites, 09152500, Gunnison River near Grand Junction, Colorado.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
09/25/2007 12:00	3,000	743	1.20	892
09/26/2007 02:00	2,710	344	1.21	416
09/26/2007 16:00	2,660	201	1.21	243
09/27/2007 13:00	2,600	166	1.21	201
09/29/2007 00:00	2,290	127	1.22	155
09/30/2007 11:00	1,900	129	1.23	159
10/02/2007 05:00	1,900	118	1.23	145
10/04/2007 10:00	2,040	154	1.23	189
10/05/2007 13:00	2,040	96	1.23	118
10/05/2007 22:00	2,250	194	1.23	239
10/06/2007 07:00	2,130	2,160	1.23	2,660
10/06/2007 16:00	2,150	823	1.23	1,010
10/07/2007 01:00	2,190	297	1.23	365
10/07/2007 10:00	2,290	190	1.23	234
10/07/2007 19:00	2,340	136	1.23	167
10/09/2007 16:00	2,270	104	1.23	128
10/10/2007 10:00	2,250	102	1.23	125
10/10/2007 13:20	2,250	116	1.23	143
10/10/2007 14:05	2,250	108	1.23	133
10/10/2007 14:38	2,250	128	1.23	157
10/10/2007 19:00	2,240	105	1.23	129
10/12/2007 06:00	2,100	100	1.23	123
10/13/2007 18:00	2,140	63	1.23	77
10/14/2007 21:00	2,140	57	1.23	70
10/16/2007 09:00	2,180	59	1.23	73

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
04/07/2005 13:44	2,900	257	1.25	321
04/08/2005 18:59	2,870	436	1.25	545
04/10/2005 13:44	3,440	304	1.25	380
04/10/2005 17:59	3,640	377	1.25	471
04/10/2005 22:59	3,570	485	1.25	606
04/11/2005 03:59	3,800	561	1.25	701
04/11/2005 05:59	4,060	585	1.25	731
04/11/2005 07:59	4,310	627	1.25	784
04/12/2005 14:15	3,890	627	1.25	784
04/12/2005 16:30	3,790	600	1.25	750
04/13/2005 14:44	3,390	373	1.25	466
04/13/2005 17:59	3,270	368	1.25	460
04/14/2005 23:59	3,040	236	1.25	295
04/16/2005 09:45	3,700	220	1.25	275
04/16/2005 18:00	3,980	267	1.25	334
04/17/2005 05:30	4,310	355	1.25	444
04/18/2005 00:00	4,350	594	1.25	742
04/18/2005 05:00	4,950	608	1.25	760
04/19/2005 03:30	5,740	734	1.25	918
04/19/2005 06:00	6,140	863	1.28	1,100
04/20/2005 01:30	6,580	957	1.38	1,320
04/20/2005 04:00	6,860	1,040	1.44	1,500
04/20/2005 05:00	6,930	1,080	1.46	1,580
04/20/2005 08:00	6,980	1,190	1.47	1,750
04/20/2005 12:00	6,810	1,150	1.43	1,640
04/20/2005 17:00	7,010	1,080	1.48	1,600
04/20/2005 20:00	7,140	1,060	1.51	1,600
04/21/2005 21:00	7,780	1,110	1.65	1,830
04/22/2005 02:00	7,950	1,150	1.69	1,940
04/22/2005 05:00	8,030	1,080	1.70	1,840
04/22/2005 08:00	8,060	993	1.70	1,690
04/22/2005 11:00	8,000	932	1.70	1,580
04/22/2005 14:00	7,890	858	1.68	1,440
04/22/2005 18:00	7,700	822	1.63	1,340
04/25/2005 13:35	5,850	510	1.25	638
04/25/2005 15:10	5,810	286	1.25	358
04/26/2005 02:30	6,700	272	1.41	384

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
04/26/2005 18:00	7,400	363	1.57	570
04/28/2005 00:00	7,650	460	1.62	745
04/29/2005 06:00	6,860	327	1.44	471
04/29/2005 11:00	6,700	293	1.41	413
04/30/2005 12:00	7,590	367	1.61	591
05/01/2005 01:00	8,110	287	1.70	488
05/01/2005 03:00	8,230	398	1.70	677
05/01/2005 06:00	8,230	419	1.70	712
05/01/2005 08:00	8,110	423	1.70	719
05/01/2005 18:00	7,510	715	1.59	1,140
05/02/2005 19:15	6,700	560	1.41	790
05/03/2005 00:00	6,530	485	1.37	664
05/03/2005 14:45	6,070	588	1.27	747
05/03/2005 17:56	5,910	521	1.25	651
05/05/2005 21:00	5,180	216	1.25	270
05/06/2005 07:00	5,400	186	1.25	232
05/06/2005 17:00	5,200	179	1.25	224
05/07/2005 03:00	5,470	167	1.25	209
05/07/2005 13:00	5,700	169	1.25	211
05/07/2005 23:00	5,810	167	1.25	209
05/08/2005 09:00	6,430	187	1.35	252
05/08/2005 19:00	6,730	199	1.41	281
05/09/2005 05:00	7,480	287	1.58	453
05/09/2005 15:00	7,670	308	1.63	502
05/10/2005 01:00	7,560	394	1.60	630
05/10/2005 11:00	7,730	339	1.64	556
05/11/2005 14:30	8,060	459	1.70	780
05/11/2005 16:30	7,950	486	1.69	821
05/12/2005 00:00	7,810	434	1.66	720
05/12/2005 14:00	8,400	395	1.70	672
05/13/2005 04:00	8,660	383	1.70	651
05/13/2005 11:00	8,920	410	1.70	697
05/14/2005 01:00	8,310	365	1.70	620
05/14/2005 15:00	7,700	301	1.63	491
05/15/2005 12:00	7,320	241	1.55	374
05/16/2005 23:00	6,930	207	1.46	302
05/17/2005 13:00	7,480	205	1.58	324
05/18/2005 09:54	10,700	391	1.81	708
05/18/2005 18:15	12,000	538	2.00	1,080

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/18/2005 19:34	12,300	549	2.00	1,100
05/19/2005 02:00	13,300	571	2.00	1,140
05/19/2005 08:00	14,000	634	2.00	1,270
05/19/2005 11:00	14,200	724	2.00	1,450
05/19/2005 12:00	14,200	698	2.00	1,400
05/19/2005 13:00	14,200	693	2.00	1,390
05/19/2005 15:44	14,100	626	2.00	1,250
05/19/2005 22:44	13,800	528	2.00	1,060
05/20/2005 05:44	13,500	428	2.00	856
05/20/2005 19:44	14,200	338	2.00	676
05/21/2005 09:44	14,600	304	2.00	608
05/21/2005 23:44	14,700	312	2.00	624
05/22/2005 06:44	15,900	478	1.90	908
05/22/2005 13:44	16,400	1,190	1.85	2,200
05/22/2005 20:44	16,400	526	1.86	978
05/23/2005 03:44	17,400	698	1.76	1,230
05/23/2005 10:44	18,200	1,120	1.67	1,870
05/23/2005 17:44	18,100	779	1.68	1,310
05/24/2005 00:44	18,200	676	1.67	1,130
05/24/2005 07:44	19,000	674	1.60	1,080
05/24/2005 13:25	19,200	1,110	1.60	1,780
05/24/2005 14:30	19,200	605	1.60	968
05/24/2005 15:58	19,300	611	1.60	978
05/24/2005 22:58	19,000	534	1.60	854
05/25/2005 05:58	19,500	522	1.60	835
05/25/2005 12:58	19,600	623	1.60	997
05/25/2005 19:58	19,300	422	1.60	675
05/26/2005 02:58	19,300	388	1.60	621
05/26/2005 09:58	19,800	386	1.60	618
05/26/2005 16:58	19,500	294	1.60	470
05/26/2005 23:58	19,100	411	1.60	658
05/27/2005 06:58	19,300	1,520	1.60	2,430
05/27/2005 13:58	19,100	486	1.60	778
05/27/2005 20:58	18,400	478	1.65	789
05/28/2005 03:58	18,000	480	1.70	816
05/28/2005 10:58	17,800	260	1.72	447
05/29/2005 00:58	16,700	222	1.82	404
05/29/2005 07:58	16,600	120	1.84	221

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/30/2005 04:58	16,600	75	1.83	137
05/30/2005 11:58	16,400	125	1.86	232
05/31/2005 01:58	17,100	336	1.79	601
06/01/2005 01:20	17,200	54	1.77	96
06/01/2005 15:20	16,300	58	1.86	108
06/02/2005 05:20	16,800	96	1.81	174
06/02/2005 12:20	16,300	139	1.87	260
06/03/2005 02:20	14,900	89	2.00	178
06/03/2005 15:03	14,300	131	2.00	262
06/03/2005 19:03	14,500	168	2.00	336
06/04/2005 02:03	15,500	213	1.95	415
06/04/2005 05:03	16,000	214	1.90	407
06/04/2005 09:03	16,500	229	1.84	421
06/04/2005 12:03	16,800	217	1.81	393
06/04/2005 16:03	17,100	197	1.79	353
06/06/2005 06:03	16,200	155	1.87	290
06/06/2005 20:03	16,600	143	1.83	262
06/09/2005 17:11	14,200	207	2.00	414
06/10/2005 14:11	13,400	110	2.00	220
06/11/2005 11:11	13,000	89	2.00	178
06/12/2005 08:11	12,800	79	2.00	158
06/12/2005 22:11	12,700	81	2.00	162
06/13/2005 12:11	11,800	96	1.96	188
06/14/2005 02:11	11,600	79	1.94	153
06/14/2005 16:11	11,600	77	1.93	149
06/15/2005 06:11	11,300	81	1.90	154
06/15/2005 20:11	10,800	82	1.82	149
06/16/2005 10:11	9,940	92	1.70	156
06/16/2005 21:25	9,840	89	1.70	151
06/17/2005 11:25	9,430	84	1.70	143
06/18/2005 08:25	9,530	78	1.70	133
06/19/2005 12:25	9,430	89	1.70	151
06/20/2005 16:25	9,680	91	1.70	155
06/21/2005 13:25	10,100	102	1.71	174
06/22/2005 10:25	10,000	92	1.70	156
06/23/2005 14:40	9,500	79	1.70	134
06/24/2005 04:40	9,580	80	1.70	136
06/24/2005 11:40	8,950	74	1.70	126

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
06/24/2005 14:20	9,170	78	1.70	133
06/25/2005 01:45	10,200	110	1.73	190
06/25/2005 12:45	9,370	93	1.70	158
06/25/2005 23:45	10,500	92	1.78	164
06/26/2005 10:45	9,220	88	1.70	150
06/26/2005 21:45	10,000	75	1.70	128
06/27/2005 08:45	8,660	80	1.70	136
06/27/2005 19:45	9,190	103	1.70	175
06/28/2005 06:45	8,510	94	1.70	160
06/28/2005 17:45	8,830	80	1.70	136
06/29/2005 04:45	8,800	63	1.70	107
06/29/2005 15:45	8,030	69	1.70	117
06/30/2005 02:45	8,200	62	1.70	105
06/30/2005 13:45	6,980	78	1.47	115
07/01/2005 00:45	7,840	61	1.66	101
07/01/2005 11:45	7,060	66	1.49	98
07/01/2005 22:45	7,920	61	1.68	102
07/02/2005 20:45	7,040	62	1.48	92
07/03/2005 18:45	6,360	62	1.33	82
07/04/2005 16:45	5,740	53	1.25	66
07/05/2005 03:45	6,120	43	1.28	55
07/05/2005 21:39	5,950	53	1.25	66
07/06/2005 19:39	5,470	40	1.25	50
07/08/2005 04:39	5,260	32	1.25	40
07/09/2005 02:39	5,000	32	1.25	40
07/09/2005 13:39	4,600	35	1.25	44
07/10/2005 11:39	4,470	28	1.25	35
07/11/2005 09:39	4,320	33	1.25	41
07/12/2005 07:39	4,250	27	1.25	34
07/13/2005 05:39	3,890	30	1.25	38
07/14/2005 03:39	3,620	29	1.25	36
07/15/2005 01:39	3,270	31	1.25	39
07/15/2005 23:39	2,980	26	1.25	32
07/17/2005 18:06	2,660	26	1.25	32
07/18/2005 05:06	2,990	31	1.25	39
07/19/2005 03:06	2,830	23	1.25	29
07/20/2005 01:06	2,570	13	1.25	16
07/20/2005 23:06	2,490	17	1.25	21

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
07/21/2005 21:06	2,190	11	1.25	14
07/22/2005 08:06	2,540	24	1.25	30
07/22/2005 19:06	2,000	18	1.25	22
07/23/2005 06:06	2,530	16	1.25	20
07/24/2005 15:06	2,190	13	1.25	16
07/25/2005 13:06	2,370	79	1.25	99
07/26/2005 00:06	2,270	107	1.25	134
07/27/2005 09:06	2,390	40	1.25	50
07/28/2005 14:12	2,170	23	1.25	29
07/29/2005 23:12	2,260	21	1.25	26
07/31/2005 08:12	2,390	34	1.25	42
08/01/2005 17:12	1,910	10	1.25	12
08/02/2005 10:12	2,230	15	1.25	19
08/03/2005 13:12	2,100	15	1.25	19
08/04/2005 11:12	2,060	7	1.25	9
08/05/2005 09:12	2,080	10	1.25	12
08/06/2005 18:13	1,720	12	1.25	15
08/07/2005 16:13	1,800	24	1.25	30
08/08/2005 03:13	2,180	30	1.25	38
08/09/2005 12:13	1,910	16	1.25	20
08/10/2005 10:13	1,970	27	1.25	34
08/11/2005 12:27	1,860	28	1.25	35
08/12/2005 16:27	1,680	19	1.25	24
08/13/2005 20:27	1,540	16	1.25	20
08/14/2005 10:27	1,960	17	1.25	21
08/15/2005 07:27	2,090	22	1.25	28
08/16/2005 04:27	2,100	19	1.25	24
08/16/2005 11:27	2,050	387	1.25	484
08/17/2005 01:27	2,030	42	1.25	52
08/17/2005 17:28	1,650	16	1.25	20
08/18/2005 14:28	1,760	16	1.25	20
08/19/2005 11:28	1,880	20	1.25	25
08/19/2005 18:28	1,580	258	1.25	322
08/20/2005 01:28	1,870	584	1.25	730
08/20/2005 08:28	1,960	204	1.25	255
08/20/2005 15:28	1,650	95	1.25	119
08/20/2005 22:28	1,690	73	1.25	91
08/21/2005 05:28	2,010	55	1.25	69

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
08/21/2005 12:28	1,800	189	1.25	236
08/21/2005 19:28	1,590	231	1.25	289
08/22/2005 02:28	1,980	122	1.25	152
08/22/2005 09:28	1,980	68	1.25	85
08/23/2005 12:14	1,870	31	1.25	39
08/24/2005 21:14	1,600	28	1.25	35
08/26/2005 06:14	1,980	26	1.25	32
08/27/2005 04:14	1,910	27	1.25	34
08/27/2005 15:14	1,640	736	1.25	920
08/28/2005 02:14	1,830	255	1.25	319
08/28/2005 13:14	1,770	89	1.25	111
08/29/2005 11:14	1,840	40	1.25	50
08/30/2005 20:14	1,530	26	1.25	32
09/01/2005 05:14	1,890	26	1.25	32
09/02/2005 19:30	1,830	13	1.25	16
09/04/2005 04:30	1,800	18	1.25	22
09/05/2005 13:30	1,770	23	1.25	29
09/06/2005 22:30	1,730	12	1.25	15
09/08/2005 07:30	1,850	19	1.25	24
09/09/2005 16:30	1,570	22	1.25	28
09/10/2005 03:30	1,980	953	1.25	1,190
09/10/2005 14:30	1,580	1,570	1.25	1,960
09/11/2005 01:30	1,910	269	1.25	336
09/11/2005 12:30	1,740	96	1.25	120
09/11/2005 23:30	2,020	99	1.25	124
09/12/2005 10:30	1,750	165	1.25	206
09/12/2005 16:36	1,460	3,590	1.25	4,490
09/13/2005 03:36	1,940	2,290	1.25	2,860
09/13/2005 14:36	1,500	601	1.25	751
09/14/2005 01:36	1,870	236	1.25	295
09/14/2005 12:36	1,930	154	1.25	192
09/14/2005 23:36	1,960	129	1.25	161
09/15/2005 10:36	1,790	78	1.25	98
09/16/2005 08:36	1,910	67	1.25	84
09/17/2005 06:36	1,970	125	1.25	156
09/17/2005 17:36	1,480	678	1.25	848
09/18/2005 04:36	1,950	1,190	1.25	1,490
09/18/2005 15:36	1,470	630	1.25	788

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
09/19/2005 02:36	1,880	445	1.25	556
09/19/2005 13:36	1,590	175	1.25	219
09/20/2005 00:36	1,850	111	1.25	139
09/20/2005 11:36	1,700	77	1.25	96
09/21/2005 09:36	1,770	57	1.25	71
09/22/2005 07:36	1,870	49	1.25	61
09/22/2005 18:36	1,610	37	1.25	46
09/23/2005 17:47	1,430	25	1.25	31
09/25/2005 02:47	1,940	39	1.25	49
09/26/2005 11:47	1,660	36	1.25	45
09/27/2005 20:47	1,790	20	1.25	25
09/29/2005 05:47	2,000	32	1.25	40
09/30/2005 14:47	1,590	13	1.25	16
10/01/2005 23:47	1,890	17	1.25	21
10/02/2005 21:47	1,790	19	1.25	24
10/04/2005 06:47	2,000	31	1.25	39
10/04/2005 13:49	1,720	35	1.25	44
10/04/2005 15:33	1,690	29	1.25	36
10/05/2005 00:49	2,070	56	1.25	70
10/05/2005 11:49	1,840	52	1.25	65
10/06/2005 20:49	1,840	27	1.25	34
10/07/2005 07:49	1,920	1,160	1.25	1,450
10/07/2005 18:49	1,720	412	1.25	515
10/08/2005 05:49	2,040	126	1.25	158
10/08/2005 16:49	1,670	67	1.25	84
10/09/2005 03:49	2,200	73	1.25	91
10/10/2005 12:49	1,960	98	1.25	122
10/10/2005 23:49	2,220	131	1.25	164
10/11/2005 10:49	1,990	354	1.25	442
10/11/2005 21:49	2,090	1,140	1.25	1,420
10/12/2005 08:49	2,080	932	1.25	1,160
10/12/2005 19:49	1,950	502	1.25	628
10/13/2005 06:49	2,300	188	1.25	235
10/14/2005 04:49	2,450	185	1.25	231
10/15/2005 04:19	2,380	194	1.25	242
10/15/2005 15:19	1,960	393	1.25	491
10/16/2005 02:19	2,330	558	1.25	698
10/16/2005 13:19	1,980	304	1.25	380

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
10/17/2005 11:19	2,040	110	1.25	138
10/17/2005 22:19	2,150	102	1.25	128
10/18/2005 09:19	2,120	77	1.25	96
10/19/2005 18:19	1,990	61	1.25	76
10/21/2005 03:19	2,300	54	1.25	68
10/22/2005 12:19	2,010	69	1.25	86
10/23/2005 10:19	2,110	46	1.25	58
10/24/2005 08:19	2,270	49	1.25	61
10/25/2005 06:19	2,360	64	1.25	80
03/27/2006 15:40	2,480	668	1.28	855
03/27/2006 16:02	2,500	153	1.28	196
03/27/2006 19:32	2,710	151	1.28	193
03/28/2006 19:18	3,030	139	1.28	178
03/29/2006 16:03	3,080	404	1.28	517
03/29/2006 18:03	3,240	435	1.28	557
03/30/2006 06:03	3,090	203	1.28	260
04/01/2006 21:48	3,370	185	1.28	237
04/02/2006 12:33	2,930	178	1.28	228
04/03/2006 07:03	3,040	123	1.28	157
04/04/2006 00:03	3,370	119	1.28	152
04/04/2006 19:47	3,430	131	1.28	168
04/05/2006 00:47	3,620	162	1.28	207
04/05/2006 17:02	3,340	190	1.28	243
04/07/2006 09:02	4,400	268	1.28	343
04/07/2006 16:55	4,300	397	1.28	508
04/07/2006 17:11	4,300	356	1.28	456
04/08/2006 06:11	5,720	737	1.28	943
04/08/2006 19:11	5,140	770	1.28	986
04/09/2006 08:11	5,310	828	1.28	1,060
04/09/2006 21:11	4,830	580	1.28	742
04/10/2006 10:11	4,740	460	1.28	589
04/10/2006 23:11	4,730	336	1.28	430
04/11/2006 12:11	5,050	388	1.28	497
04/12/2006 01:11	6,400	379	1.28	485
04/12/2006 14:11	5,740	538	1.28	689
04/13/2006 03:11	7,770	751	1.28	961
04/13/2006 16:11	7,110	716	1.28	916
04/14/2006 05:11	7,950	823	1.28	1,050

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
04/14/2006 18:11	7,540	561	1.28	718
04/15/2006 07:11	8,510	871	1.28	1,110
04/15/2006 20:11	9,720	707	1.28	905
04/16/2006 09:11	9,500	1,660	1.28	2,120
04/16/2006 22:11	10,800	1,170	1.28	1,500
04/17/2006 11:11	10,700	1,050	1.28	1,340
04/18/2006 00:11	10,900	966	1.28	1,240
04/18/2006 13:11	9,790	568	1.28	727
04/19/2006 02:11	11,000	492	1.28	630
04/19/2006 15:11	10,900	543	1.28	695
04/20/2006 04:11	11,300	577	1.28	739
04/21/2006 12:15	8,290	267	1.28	342
04/21/2006 13:15	8,230	318	1.28	407
04/22/2006 02:00	7,970	248	1.28	317
04/22/2006 15:00	7,110	212	1.28	271
04/23/2006 04:00	7,280	199	1.28	255
04/23/2006 17:00	7,190	186	1.28	238
04/24/2006 06:00	7,690	194	1.28	248
04/24/2006 19:00	8,580	250	1.28	320
04/25/2006 08:00	9,380	294	1.28	376
04/25/2006 21:00	10,500	477	1.28	611
04/26/2006 10:00	11,000	805	1.28	1,030
04/26/2006 23:00	10,800	499	1.28	639
04/27/2006 12:00	9,980	373	1.28	477
04/28/2006 01:00	9,710	334	1.28	428
04/28/2006 14:00	9,030	338	1.28	433
04/29/2006 03:00	9,810	224	1.28	287
04/29/2006 16:00	10,100	278	1.28	356
04/30/2006 05:00	10,800	269	1.28	344
04/30/2006 18:00	10,500	418	1.28	535
05/01/2006 20:00	9,650	241	1.28	308
05/02/2006 09:00	9,220	308	1.28	394
05/02/2006 22:00	9,380	188	1.28	241
05/03/2006 11:00	9,030	262	1.28	335
05/04/2006 00:00	9,760	198	1.28	253
05/04/2006 13:00	9,900	241	1.28	308
05/08/2006 17:30	8,970	310	1.28	397
05/08/2006 17:45	8,970	167	1.28	214

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/09/2006 02:00	9,060	153	1.28	196
05/09/2006 20:00	9,000	146	1.28	187
05/10/2006 14:00	9,000	141	1.28	180
05/10/2006 23:00	9,790	152	1.28	195
05/11/2006 08:00	9,680	258	1.28	330
05/12/2006 02:00	9,030	135	1.28	173
05/12/2006 11:00	8,350	113	1.28	145
05/13/2006 05:00	8,060	109	1.28	140
05/13/2006 23:00	7,750	110	1.28	141
05/14/2006 08:00	7,440	193	1.28	247
05/15/2006 02:00	8,290	114	1.28	146
05/15/2006 20:00	8,970	170	1.82	309
05/16/2006 14:00	9,440	213	1.82	388
05/16/2006 16:50	9,740	274	1.82	499
05/16/2006 17:20	9,790	215	1.82	391
05/17/2006 02:00	10,300	207	1.82	377
05/17/2006 11:00	11,400	772	1.82	1,410
05/17/2006 20:00	11,800	405	1.82	737
05/18/2006 05:00	11,900	326	1.82	593
05/18/2006 14:00	12,200	313	1.82	570
05/18/2006 23:00	12,100	267	1.82	486
05/19/2006 08:00	12,300	761	1.82	1,390
05/19/2006 17:00	12,700	318	1.82	579
05/20/2006 02:00	13,500	505	1.82	919
05/20/2006 11:00	14,200	1,090	1.82	1,980
05/20/2006 20:00	14,300	699	1.82	1,270
05/21/2006 05:00	14,700	400	1.82	728
05/21/2006 14:00	15,200	539	1.82	981
05/21/2006 23:00	15,100	520	1.82	946
05/22/2006 08:00	15,800	994	1.82	1,810
05/22/2006 17:00	16,100	989	1.82	1,800
05/23/2006 02:00	16,100	624	1.82	1,140
05/23/2006 11:00	16,800	1,390	1.82	2,530
05/23/2006 20:00	17,400	872	1.82	1,590
05/24/2006 05:00	18,300	528	1.82	961
05/24/2006 11:15	18,900	1,560	1.82	2,840
05/24/2006 12:45	18,800	587	1.82	1,070
05/24/2006 19:00	17,900	1,160	1.82	2,110

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/25/2006 04:00	17,300	534	1.82	972
05/25/2006 20:00	18,900	994	1.82	1,810
05/26/2006 07:00	18,000	902	1.82	1,640
05/26/2006 16:00	16,800	469	1.82	854
05/27/2006 01:00	16,000	425	1.82	774
05/27/2006 10:00	16,200	711	1.82	1,290
05/28/2006 04:00	15,700	195	1.82	355
05/28/2006 13:00	16,000	916	1.82	1,670
05/29/2006 07:00	15,800	173	1.82	315
05/29/2006 16:00	15,500	298	1.82	542
05/30/2006 01:00	14,700	167	1.82	304
05/30/2006 19:00	14,000	167	1.82	304
05/31/2006 04:00	13,300	129	1.82	235
05/31/2006 22:00	12,200	111	1.82	202
06/01/2006 07:00	11,500	227	1.82	413
06/01/2006 16:00	11,100	135	1.82	246
06/02/2006 01:00	10,700	99	1.82	180
06/02/2006 10:00	10,400	144	1.82	262
06/03/2006 11:53	9,790	404	1.80	727
06/04/2006 14:53	9,490	98	1.77	173
06/05/2006 17:53	9,440	92	1.75	161
06/06/2006 20:53	9,360	85	1.73	147
06/07/2006 05:53	9,490	98	1.72	169
06/07/2006 23:53	9,540	115	1.71	197
06/08/2006 17:53	9,440	101	1.69	171
06/09/2006 02:53	9,440	93	1.68	156
06/09/2006 20:53	9,180	85	1.67	142
06/10/2006 05:53	9,120	83	1.66	138
06/10/2006 23:53	8,880	88	1.64	144
06/11/2006 08:53	9,440	182	1.64	298
06/12/2006 02:53	9,170	107	1.62	173
06/13/2006 10:18	8,460	122	1.59	194
06/14/2006 13:18	7,720	125	1.57	196
06/15/2006 16:18	7,000	140	1.55	217
06/16/2006 14:15	6,540	84	1.53	129
06/16/2006 14:45	6,540	70	1.53	107
06/17/2006 17:00	5,990	86	1.51	130
06/19/2006 08:00	5,160	49	1.49	73

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
06/21/2006 12:00	4,280	98	1.45	142
06/23/2006 03:00	3,760	34	1.43	49
06/25/2006 20:00	3,090	32	1.38	44
06/27/2006 11:00	2,720	70	1.36	95
06/28/2006 00:00	2,580	24	1.35	32
06/29/2006 02:00	2,580	29	1.33	39
06/30/2006 13:00	2,370	50	1.31	66
07/02/2006 04:00	2,400	20	1.28	26
07/04/2006 08:00	2,310	22	1.25	28
07/06/2006 12:00	2,020	23	1.22	28
07/08/2006 16:00	1,920	30	1.18	35
07/10/2006 07:00	2,180	18	1.16	21
07/11/2006 22:00	1,920	20	1.13	23
07/12/2006 14:42	2,310	60	1.12	67
07/12/2006 16:30	2,300	53	1.12	59
07/13/2006 06:00	2,340	42	1.13	47
07/14/2006 21:00	2,000	29	1.15	33
07/16/2006 12:00	1,750	26	1.17	30
07/18/2006 03:00	1,590	26	1.19	31
07/19/2006 18:00	1,360	14	1.21	17
07/21/2006 09:00	1,370	22	1.23	27
07/23/2006 00:00	1,300	14	1.25	18
07/25/2006 17:00	1,240	13	1.28	17
07/27/2006 10:00	1,150	14	1.30	18
07/29/2006 01:00	1,120	17	1.32	22
07/30/2006 16:00	1,150	11	1.34	15
07/31/2006 05:00	1,150	15	1.35	20
08/01/2006 07:00	1,120	8	1.36	11
08/02/2006 22:00	1,100	17	1.38	23
08/04/2006 13:00	1,120	10	1.40	14
08/05/2006 02:00	1,100	15	1.41	21
08/05/2006 15:00	1,140	41	1.41	58
08/06/2006 04:00	1,140	34	1.42	48
08/06/2006 17:00	1,240	19	1.43	27
08/07/2006 06:00	1,230	209	1.43	299
08/07/2006 19:00	1,150	60	1.44	86
08/08/2006 08:00	1,150	35	1.45	51
08/10/2006 23:15	1,080	13	1.48	19

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
08/12/2006 14:15	1,100	18	1.50	27
08/14/2006 05:15	1,080	13	1.52	20
08/15/2006 07:15	1,030	11	1.53	17
08/15/2006 20:15	1,040	12	1.54	18
08/16/2006 09:15	1,080	343	1.54	528
08/16/2006 22:15	1,070	114	1.55	177
08/17/2006 11:15	1,040	73	1.56	114
08/18/2006 00:15	1,010	41	1.56	64
08/19/2006 15:15	1,010	21	1.58	33
08/21/2006 06:15	1,010	24	1.60	38
08/21/2006 18:30	998	13	1.61	21
08/25/2006 12:00	981	16	1.57	25
08/27/2006 03:00	989	22	1.55	34
08/27/2006 16:00	972	310	1.54	477
08/28/2006 05:00	1,020	31	1.54	48
09/01/2006 00:00	1,100	31	1.49	46
09/02/2006 02:00	1,030	27	1.48	40
09/04/2006 16:35	998	19	1.45	28
09/06/2006 21:40	947	15	1.42	21
09/08/2006 13:40	978	20	1.41	28
09/10/2006 05:40	1,030	19	1.39	26
09/12/2006 01:10	972	14	1.37	19
09/12/2006 08:10	981	78	1.36	106
09/12/2006 12:50	978	137	1.36	186
09/12/2006 13:25	972	125	1.36	170
09/12/2006 13:55	972	119	1.36	162
09/12/2006 14:25	972	123	1.36	167
09/12/2006 18:00	972	96	1.36	131
09/13/2006 01:00	1,050	51	1.36	69
09/13/2006 08:00	1,140	35	1.36	48
09/13/2006 15:00	1,010	34	1.36	46
09/14/2006 05:00	972	18	1.36	24
09/15/2006 09:00	1,100	22	1.36	30
09/15/2006 16:00	1,080	29	1.36	39
09/15/2006 23:00	1,820	662	0.90	596
09/16/2006 06:00	1,440	8,210	0.90	7,390
09/16/2006 13:00	1,340	2,530	0.90	2,280
09/16/2006 20:00	1,280	549	0.90	494

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
09/17/2006 03:00	1,230	252	0.90	227
09/17/2006 10:00	1,170	130	0.90	117
09/17/2006 17:00	1,690	172	0.90	155
09/18/2006 00:00	1,420	116	0.90	104
09/18/2006 07:00	1,550	407	0.90	366
09/18/2006 14:00	1,490	10,700	0.90	9,630
09/18/2006 16:45	1,490	8,260	0.90	7,430
09/18/2006 17:30	1,510	7,020	0.90	6,320
09/19/2006 00:00	1,800	2,940	0.90	2,650
09/19/2006 07:00	2,010	1,830	0.90	1,650
09/19/2006 14:00	1,820	2,560	0.90	2,300
09/19/2006 21:00	1,670	1,970	0.90	1,770
09/20/2006 04:00	1,610	2,430	0.90	2,190
09/20/2006 11:00	1,980	5,890	0.90	5,300
09/20/2006 18:00	1,920	6,810	0.90	6,130
09/21/2006 01:00	1,750	6,020	0.90	5,420
09/21/2006 08:00	2,000	6,450	0.90	5,800
09/21/2006 13:32	1,970	4,880	0.90	4,390
09/21/2006 14:50	1,900	3,950	0.90	3,560
09/21/2006 20:00	1,660	3,170	0.90	2,850
09/22/2006 01:00	1,590	2,980	0.90	2,680
09/22/2006 06:00	1,570	3,370	0.90	3,030
09/22/2006 11:00	1,540	3,740	0.90	3,370
09/22/2006 16:00	1,490	3,860	0.90	3,470
09/22/2006 21:00	1,480	3,880	0.90	3,490
09/23/2006 02:00	1,470	3,670	0.90	3,300
09/23/2006 07:00	1,470	3,210	0.90	2,890
09/23/2006 12:00	1,460	2,190	0.90	1,970
09/23/2006 17:00	1,450	1,390	0.90	1,250
09/23/2006 22:00	1,430	775	0.90	698
09/24/2006 08:00	1,430	280	0.90	252
09/24/2006 18:00	1,470	177	0.90	159
09/25/2006 04:00	1,520	159	0.90	143
09/25/2006 14:00	1,600	185	0.90	166
09/26/2006 00:00	1,610	163	0.90	147
09/27/2006 13:00	1,600	182	0.90	164
09/29/2006 19:00	1,460	103	0.90	93
10/01/2006 07:00	1,490	85	1.03	88

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
10/03/2006 13:00	1,550	111	1.04	115
10/05/2006 19:00	1,490	80	1.03	82
10/06/2006 22:00	1,610	97	1.04	101
10/07/2006 07:00	2,090	1,320	1.07	1,410
10/07/2006 16:00	2,090	310	1.07	332
10/08/2006 01:00	1,970	203	1.07	217
10/08/2006 10:00	1,900	193	1.06	205
10/08/2006 19:00	1,820	115	1.06	122
10/09/2006 13:00	1,830	312	1.06	331
10/10/2006 07:00	1,830	709	1.06	752
10/11/2006 10:00	1,840	346	1.06	367
10/11/2006 19:00	1,840	808	1.06	856
10/12/2006 04:00	1,840	4,540	1.06	4,810
10/12/2006 13:00	1,850	3,230	1.06	3,420
10/12/2006 22:00	1,850	1,600	1.06	1,700
10/13/2006 11:40	1,850	1,310	1.06	1,390
10/13/2006 12:15	1,850	1,280	1.06	1,360
10/13/2006 12:45	1,850	1,210	1.06	1,280
10/14/2006 01:00	1,850	810	1.06	859
10/15/2006 04:00	1,860	1,510	1.06	1,600
10/15/2006 22:00	1,870	1,500	1.06	1,590
10/16/2006 07:00	1,870	1,140	1.06	1,210
10/17/2006 01:00	1,870	419	1.06	444
10/17/2006 10:00	1,870	314	1.06	333
10/17/2006 19:00	1,880	208	1.06	220
10/19/2006 07:00	1,880	122	1.06	129
10/20/2006 10:00	1,890	314	1.06	333
10/21/2006 04:00	1,900	259	1.06	275
10/21/2006 22:00	1,900	281	1.06	298
10/22/2006 07:00	1,900	259	1.06	275
10/23/2006 10:00	1,960	308	1.07	330
10/24/2006 04:00	2,160	245	1.08	265
10/24/2006 22:00	2,010	364	1.07	389
10/25/2006 07:00	2,010	1,300	1.07	1,390
10/25/2006 16:00	2,050	1,280	1.07	1,370
10/26/2006 01:00	2,050	1,300	1.07	1,390
10/26/2006 10:00	2,030	1,020	1.07	1,090
10/26/2006 19:00	2,020	867	1.07	928

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
10/27/2006 04:00	1,970	492	1.07	526
10/27/2006 13:00	1,980	318	1.07	340
10/27/2006 22:00	1,980	300	1.07	321
10/28/2006 16:00	2,010	235	1.07	251
10/29/2006 01:00	2,010	232	1.07	248
10/29/2006 10:00	2,050	261	1.07	279
10/29/2006 19:00	2,050	473	1.07	506
10/30/2006 04:00	2,050	401	1.07	429
10/30/2006 13:00	2,070	503	1.07	538
10/30/2006 22:00	2,000	444	1.07	475
10/31/2006 07:00	2,030	599	1.07	641
10/31/2006 16:00	2,030	840	1.07	899
11/01/2006 01:00	1,980	519	1.07	555
11/01/2006 10:00	2,030	809	1.07	866
11/01/2006 19:00	2,020	826	1.07	884
11/02/2006 13:00	1,980	1,120	1.07	1,200
11/02/2006 22:00	1,970	798	1.07	854
11/03/2006 07:00	1,930	550	1.06	583
11/03/2006 16:00	1,910	765	1.06	811
11/04/2006 01:00	1,860	660	1.06	700
11/04/2006 10:00	1,820	449	1.06	476
11/04/2006 19:00	1,780	330	1.05	346
11/05/2006 13:00	1,700	262	1.05	275
11/06/2006 07:00	1,670	139	1.05	146
11/07/2006 10:00	1,660	92	1.05	97
11/22/2006 12:24	1,690	90	1.05	94
11/22/2006 13:45	1,690	39	1.05	41
03/14/2007 16:30	4,150	1,370	1.21	1,660
03/14/2007 23:00	4,000	1,420	1.20	1,700
03/15/2007 10:00	4,170	1,240	1.21	1,500
03/15/2007 21:00	4,000	1,190	1.20	1,430
03/16/2007 08:00	4,660	1,240	1.25	1,550
03/16/2007 19:00	4,400	1,130	1.23	1,390
03/18/2007 04:00	3,900	925	1.20	1,110
03/19/2007 13:00	3,320	656	1.16	761
03/20/2007 00:00	3,530	466	1.17	545
03/20/2007 22:00	4,000	363	1.20	436
03/21/2007 20:00	4,440	570	1.23	701

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
03/22/2007 07:00	4,600	589	1.24	730
03/23/2007 05:00	5,070	579	1.27	735
03/23/2007 13:57	4,570	542	1.24	672
03/23/2007 15:16	4,480	531	1.23	653
03/24/2007 06:00	4,890	488	1.26	615
03/24/2007 15:00	4,340	500	1.22	610
03/25/2007 00:00	4,380	437	1.23	538
03/25/2007 09:00	4,660	393	1.25	491
03/26/2007 03:00	4,480	308	1.23	379
03/27/2007 06:00	4,280	273	1.22	333
03/28/2007 09:00	4,960	322	1.27	409
03/28/2007 18:00	4,520	310	1.24	384
03/29/2007 12:00	5,140	470	1.28	602
03/29/2007 21:00	4,980	407	1.27	517
03/30/2007 06:00	5,910	528	1.33	702
03/31/2007 00:00	5,990	640	1.33	851
03/31/2007 18:00	4,850	420	1.26	529
04/01/2007 03:00	4,660	414	1.25	518
04/01/2007 12:00	4,420	275	1.23	338
04/01/2007 21:00	4,240	383	1.22	467
04/03/2007 08:30	4,170	191	1.21	231
04/03/2007 17:30	4,070	276	1.21	334
04/04/2007 11:30	4,050	272	1.20	326
04/04/2007 20:30	4,300	960	1.22	1,170
04/05/2007 05:30	4,560	1,030	1.24	1,280
04/05/2007 14:30	4,660	655	1.25	819
04/05/2007 23:30	4,440	652	1.23	802
04/06/2007 08:30	4,540	651	1.24	807
04/06/2007 17:30	4,170	519	1.21	628
04/07/2007 02:30	4,050	404	1.20	485
04/07/2007 11:30	4,150	302	1.21	365
04/07/2007 20:30	4,150	229	1.21	277
04/08/2007 05:30	4,440	228	1.23	280
04/09/2007 17:30	4,660	273	1.25	341
04/10/2007 11:30	4,660	240	1.25	300
04/10/2007 20:30	4,600	262	1.24	325
04/11/2007 14:30	4,460	229	1.23	282
04/12/2007 17:30	4,540	151	1.24	187

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
04/13/2007 02:30	4,560	142	1.24	176
04/13/2007 20:30	4,070	156	1.21	189
04/14/2007 23:30	3,690	114	1.18	135
04/16/2007 20:30	3,270	93	1.15	107
04/17/2007 14:30	3,340	87	1.16	101
04/18/2007 17:30	3,830	114	1.19	136
04/19/2007 18:36	4,320	144	1.22	176
04/20/2007 12:36	4,430	161	1.23	198
04/20/2007 21:36	4,320	221	1.22	270
04/21/2007 06:36	4,440	232	1.23	285
04/21/2007 15:36	4,550	196	1.24	243
04/22/2007 09:36	4,630	295	1.24	366
04/23/2007 21:26	4,620	175	1.24	217
04/24/2007 15:36	4,540	182	1.24	226
04/25/2007 09:36	4,480	185	1.23	228
04/26/2007 12:36	4,890	142	1.26	179
04/27/2007 06:36	4,780	140	1.25	175
04/28/2007 15:00	4,300	108	1.22	132
04/29/2007 18:00	4,340	98	1.22	120
04/30/2007 21:00	5,050	139	1.27	177
05/01/2007 06:00	5,770	247	1.32	326
05/01/2007 15:00	5,940	376	1.33	500
05/02/2007 00:00	6,870	659	1.39	916
05/02/2007 09:00	7,190	1,550	1.41	2,190
05/02/2007 18:00	7,830	1,250	1.46	1,820
05/03/2007 03:00	8,000	1,290	1.47	1,900
05/03/2007 12:00	8,230	805	1.48	1,190
05/03/2007 21:00	8,320	1,050	1.49	1,560
05/04/2007 06:00	8,230	843	1.48	1,250
05/04/2007 12:02	8,200	572	1.48	847
05/04/2007 14:09	8,180	534	1.48	790
05/04/2007 19:00	8,200	556	1.48	823
05/05/2007 06:00	8,350	457	1.49	681
05/05/2007 17:00	8,580	515	1.51	778
05/06/2007 04:00	8,490	413	1.50	620
05/07/2007 02:00	7,860	299	1.46	437
05/08/2007 11:00	6,690	203	1.38	280
05/08/2007 22:00	6,360	195	1.36	265

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/09/2007 20:00	5,550	183	1.30	238
05/12/2007 12:00	5,620	273	1.31	358
05/13/2007 02:00	6,160	158	1.35	213
05/13/2007 16:00	6,460	210	1.37	288
05/13/2007 23:00	7,220	210	1.42	298
05/14/2007 06:00	8,820	310	1.52	471
05/14/2007 13:00	9,120	349	1.54	537
05/14/2007 20:00	9,920	405	1.60	648
05/15/2007 03:00	10,900	552	1.66	916
05/15/2007 10:00	11,000	888	1.67	1,480
05/15/2007 17:00	11,400	486	1.70	826
05/16/2007 00:00	12,000	448	1.74	780
05/16/2007 07:00	12,200	455	1.75	796
05/16/2007 12:56	12,400	444	1.76	781
05/16/2007 15:10	12,500	442	1.77	782
05/16/2007 18:00	12,600	485	1.77	858
05/17/2007 01:00	12,700	467	1.78	831
05/17/2007 08:00	12,600	647	1.78	1,150
05/17/2007 15:00	12,400	377	1.76	664
05/18/2007 05:00	12,300	294	1.76	517
05/18/2007 12:00	12,100	283	1.74	492
05/18/2007 19:00	11,900	280	1.73	484
05/19/2007 02:00	12,000	226	1.74	393
05/19/2007 09:00	11,900	333	1.73	576
05/19/2007 23:00	11,800	192	1.72	330
05/20/2007 13:00	11,500	165	1.70	280
05/21/2007 03:00	11,500	147	1.70	250
05/21/2007 10:00	11,400	312	1.69	527
05/21/2007 13:00	11,300	159	1.69	269
05/21/2007 14:47	11,300	166	1.69	281
05/22/2007 19:00	10,900	170	1.66	282
05/23/2007 22:00	10,600	114	1.64	187
05/24/2007 07:00	10,200	103	1.62	167
05/25/2007 10:00	8,700	120	1.51	181
05/26/2007 13:00	7,380	104	1.43	149
05/27/2007 07:00	6,640	85	1.38	117
05/28/2007 01:00	6,430	69	1.36	94
05/29/2007 04:00	6,010	65	1.34	87

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/29/2007 22:00	5,620	74	1.31	97
05/30/2007 16:00	5,410	84	1.30	109
05/31/2007 13:20	5,820	297	1.32	392
05/31/2007 14:40	5,770	77	1.32	102
06/02/2007 03:00	5,410	67	1.30	87
06/03/2007 15:00	4,480	83	1.23	102
06/05/2007 12:00	4,940	77	1.26	97
06/07/2007 00:00	4,560	55	1.24	68
06/08/2007 12:00	5,180	61	1.28	78
06/10/2007 18:00	4,170	45	1.21	54
06/12/2007 06:00	4,480	45	1.23	55
06/13/2007 18:00	4,000	47	1.20	56
06/15/2007 06:00	4,850	63	1.26	79
06/17/2007 03:00	4,150	46	1.21	56
06/18/2007 15:00	3,870	76	1.19	90
06/20/2007 12:00	3,670	64	1.18	76
06/22/2007 00:00	3,220	40	1.15	46
06/23/2007 21:00	2,700	34	1.11	38
06/25/2007 09:00	2,900	42	1.13	47
06/27/2007 17:00	2,240	25	1.08	27
06/29/2007 14:00	2,150	23	1.08	25
07/01/2007 20:00	1,740	16	1.05	17
07/03/2007 08:00	2,110	24	1.08	26
07/05/2007 05:00	1,920	22	1.06	23
07/06/2007 08:00	1,810	88	1.06	93
07/06/2007 18:00	1,400	22	1.03	23
07/08/2007 06:00	1,580	27	1.04	28
07/09/2007 18:00	1,240	15	1.02	15
07/11/2007 15:00	1,280	26	1.02	27
07/12/2007 18:00	1,150	10	1.01	10
07/14/2007 06:00	1,170	22	1.01	22
07/15/2007 23:01	1,080	11	1.01	11
07/17/2007 11:01	1,150	21	1.01	21
07/19/2007 08:01	1,080	11	1.01	11
07/20/2007 11:01	1,080	10	1.01	10
07/22/2007 17:01	1,070	11	1.01	11
07/24/2007 05:01	1,090	12	1.01	12
07/25/2007 17:00	1,100	8	1.01	8

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
07/27/2007 23:00	1,110	26	1.01	26
07/28/2007 08:00	1,150	24	1.01	24
07/28/2007 17:00	1,130	444	1.01	448
07/29/2007 02:00	1,080	113	1.01	114
07/29/2007 11:00	1,130	49	1.01	49
07/30/2007 05:00	1,110	37	1.01	37
07/30/2007 14:00	1,110	407	1.01	411
07/30/2007 23:00	1,130	244	1.01	246
07/31/2007 08:00	1,170	357	1.01	361
07/31/2007 17:00	1,150	92	1.01	93
08/01/2007 02:00	1,130	49	1.01	49
08/01/2007 12:20	1,150	70	1.01	71
08/01/2007 13:00	1,150	58	1.01	59
08/01/2007 13:45	1,150	62	1.01	63
08/03/2007 00:00	1,160	29	1.01	29
08/04/2007 11:00	1,130	23	1.01	23
08/05/2007 08:00	1,170	25	1.01	25
08/06/2007 12:00	1,110	23	1.01	23
08/06/2007 19:00	1,100	275	1.01	278
08/07/2007 02:00	1,080	644	1.01	650
08/07/2007 09:00	1,100	264	1.01	267
08/07/2007 16:00	1,090	121	1.01	122
08/08/2007 17:00	1,170	56	1.01	57
08/10/2007 01:00	1,130	37	1.01	37
08/11/2007 09:00	1,120	40	1.01	40
08/12/2007 18:00	1,100	38	1.01	38
08/14/2007 05:00	1,090	34	1.01	34
08/15/2007 22:00	998	22	1.00	22
08/16/2007 13:00	1,020	20	1.00	20
08/18/2007 00:00	1,020	30	1.00	30
08/19/2007 01:00	989	38	1.00	38
08/19/2007 06:00	1,020	114	1.00	114
08/19/2007 11:00	1,050	112	1.00	112
08/19/2007 16:00	1,040	78	1.00	78
08/19/2007 21:00	1,020	59	1.00	59
08/20/2007 07:00	1,020	46	1.00	46
08/22/2007 12:00	981	41	1.00	41
08/23/2007 23:00	955	25	1.00	25

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
08/26/2007 00:00	989	31	1.00	31
08/26/2007 07:00	989	72	1.00	72
08/26/2007 14:00	998	119	1.00	119
08/26/2007 21:00	981	72	1.00	72
08/27/2007 04:00	981	59	1.00	59
08/27/2007 11:00	1,010	126	1.00	126
08/27/2007 15:17	998	106	1.00	106
08/27/2007 16:37	998	96	1.00	96
08/27/2007 23:00	981	89	1.00	89
08/28/2007 13:00	989	41	1.00	41
08/29/2007 17:00	981	22	1.00	22
08/30/2007 14:00	1,030	24	1.00	24
08/30/2007 21:00	1,020	33	1.00	33
08/31/2007 04:00	1,010	30	1.00	30
09/01/2007 01:00	998	42	1.00	42
09/01/2007 08:00	998	81	1.00	81
09/01/2007 15:00	1,020	53	1.00	53
09/01/2007 22:00	1,010	43	1.00	43
09/03/2007 14:00	1,030	33	1.00	33
09/05/2007 01:00	989	31	1.00	31
09/06/2007 12:00	1,390	132	1.03	136
09/06/2007 18:30	1,150	63	1.01	64
09/06/2007 22:00	1,100	141	1.01	142
09/07/2007 01:30	1,070	352	1.01	356
09/07/2007 05:00	1,070	533	1.01	538
09/07/2007 08:30	1,100	695	1.01	702
09/07/2007 11:25	1,140	755	1.01	763
09/07/2007 13:05	1,160	603	1.01	609
09/07/2007 15:00	1,170	418	1.01	422
09/07/2007 18:30	1,140	246	1.01	248
09/08/2007 01:30	1,140	133	1.01	134
09/08/2007 05:00	1,200	127	1.01	128
09/08/2007 08:30	1,220	104	1.02	106
09/08/2007 12:00	1,190	760	1.01	768
09/08/2007 15:30	1,170	1,130	1.01	1,140
09/08/2007 19:00	1,150	1,100	1.01	1,110
09/08/2007 22:30	1,140	1,630	1.01	1,650
09/09/2007 02:00	1,150	2,130	1.01	2,150

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
09/09/2007 05:30	1,150	1,910	1.01	1,930
09/09/2007 09:00	1,150	1,410	1.01	1,420
09/09/2007 12:30	1,140	928	1.01	937
09/09/2007 16:00	1,120	677	1.01	684
09/09/2007 19:30	1,100	515	1.01	520
09/09/2007 23:00	1,100	297	1.01	300
09/10/2007 06:00	1,100	240	1.01	242
09/10/2007 13:00	1,100	201	1.01	203
09/10/2007 20:00	1,130	170	1.01	172
09/10/2007 23:30	1,140	152	1.01	154
09/11/2007 08:30	1,130	137	1.01	138
09/11/2007 15:30	1,150	125	1.01	126
09/11/2007 22:30	1,170	109	1.01	110
09/12/2007 19:30	1,150	109	1.01	110
09/13/2007 16:30	1,120	95	1.01	96
09/14/2007 03:00	1,100	274	1.01	277
09/14/2007 06:30	1,100	369	1.01	373
09/14/2007 10:00	1,100	439	1.01	443
09/14/2007 13:30	1,100	467	1.01	472
09/14/2007 17:00	1,080	513	1.01	518
09/15/2007 12:30	1,070	545	1.01	550
09/15/2007 19:30	1,050	304	1.00	304
09/16/2007 02:30	1,050	185	1.00	185
09/16/2007 13:00	1,060	130	1.01	131
09/17/2007 03:00	1,040	113	1.00	113
09/18/2007 07:00	1,040	68	1.00	68
09/19/2007 18:00	1,400	113	1.03	116
09/20/2007 01:00	1,130	84	1.01	85
09/20/2007 15:00	1,550	124	1.04	129
09/20/2007 22:00	1,290	93	1.02	95
09/21/2007 12:00	1,640	137	1.04	142
09/21/2007 19:00	1,540	240	1.04	250
09/22/2007 02:00	1,470	301	1.03	310
09/22/2007 09:00	1,420	253	1.03	261
09/22/2007 16:00	1,380	184	1.03	190
09/22/2007 23:00	1,340	169	1.02	172
09/23/2007 06:00	1,420	328	1.03	338
09/23/2007 13:00	1,400	2,120	1.03	2,180

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
09/23/2007 20:00	1,430	357	1.03	368
09/24/2007 03:00	1,400	265	1.03	273
09/24/2007 10:00	1,320	183	1.02	187
09/24/2007 17:00	1,390	198	1.03	204
09/25/2007 00:00	1,400	178	1.03	183
09/25/2007 07:00	1,460	114	1.03	117
09/25/2007 14:00	1,490	112	1.03	115
09/25/2007 21:00	1,400	458	1.03	472
09/26/2007 04:00	1,420	2,490	1.03	2,560
09/26/2007 11:00	1,390	2,690	1.03	2,770
09/26/2007 19:00	1,340	1,270	1.02	1,300
09/27/2007 02:00	1,270	832	1.02	849
09/27/2007 09:00	1,230	755	1.02	770
09/27/2007 16:00	1,210	746	1.02	761
09/27/2007 23:00	1,200	738	1.01	745
09/28/2007 06:00	1,240	491	1.02	501
09/28/2007 13:00	1,320	386	1.02	394
09/28/2007 20:00	1,380	342	1.03	352
09/29/2007 03:00	1,440	290	1.03	299
09/29/2007 10:00	1,450	302	1.03	311
09/29/2007 17:00	1,430	324	1.03	334
09/30/2007 00:00	1,400	248	1.03	255
09/30/2007 07:00	1,420	287	1.03	296
09/30/2007 14:00	1,420	1,780	1.03	1,830
09/30/2007 21:00	1,400	1,810	1.03	1,860
10/01/2007 00:15	1,380	e1300	1.00	1,300
10/01/2007 04:00	1,380	1,260	1.02	1,290
10/01/2007 11:00	1,380	1,170	1.02	1,190
10/01/2007 18:00	1,380	1,150	1.02	1,170
10/02/2007 01:00	1,360	976	1.02	996
10/02/2007 15:00	1,340	370	1.02	377
10/02/2007 22:00	1,340	271	1.02	276
10/03/2007 12:00	1,320	196	1.02	200
10/03/2007 19:00	1,320	162	1.02	165
10/04/2007 09:00	1,340	149	1.02	152
10/04/2007 23:00	1,420	199	1.02	203
10/05/2007 06:00	1,420	197	1.02	201
10/05/2007 22:00	1,750	7,780	1.05	8,170

Table 1–2. Suspended-sediment data from point samples for selected sites, 09261000, Green River near Jensen, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
10/06/2007 05:00	1,760	851	1.05	894
10/06/2007 12:00	1,820	405	1.05	425
10/06/2007 19:00	1,850	1,150	1.05	1,210
10/07/2007 02:00	1,820	395	1.05	415
10/07/2007 09:00	1,800	307	1.05	322
10/07/2007 16:00	1,780	252	1.05	265
10/08/2007 13:00	1,800	194	1.05	204
10/09/2007 03:00	1,760	222	1.05	233
10/09/2007 10:00	1,750	382	1.05	401
10/09/2007 17:00	1,740	441	1.05	463
10/10/2007 00:00	1,730	286	1.04	297
10/10/2007 07:00	1,700	227	1.04	236
10/10/2007 14:00	1,680	194	1.04	202
10/10/2007 21:00	1,660	164	1.04	171
10/11/2007 18:00	1,600	132	1.04	137
10/12/2007 15:00	1,540	108	1.03	111
10/14/2007 12:00	1,490	116	1.03	119
10/15/2007 16:00	1,490	74	1.03	76
10/16/2007 13:00	1,470	68	1.03	70
10/17/2007 10:00	1,460	70	1.03	72
10/17/2007 16:37	1,460	86	1.03	89
10/17/2007 16:45	1,460	78	1.00	78
10/17/2007 17:00	1,460	74	1.03	76
10/17/2007 17:24	1,460	71	1.03	73
10/17/2007 17:45	1,460	97	1.00	97
10/17/2007 18:00	1,460	72	1.03	74
10/17/2007 23:59	1,450	e88	1.00	88

Table 1–3. Suspended-sediment data from point samples for selected sites, 09302000, Duchesne River near Randlett, Utah.

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
04/20/2006 17:49	366	58	1.24	72
04/23/2006 06:00	387	70	1.22	85
04/25/2006 06:00	428	69	1.20	83
04/30/2006 06:00	283	53	1.15	61
05/03/2006 06:00	325	146	1.12	164
05/05/2006 18:00	471	131	1.10	144
05/09/2006 06:00	293	48	1.06	51
05/09/2006 17:15	280	65	1.06	69
05/11/2006 18:00	280	75	1.06	80
05/14/2006 06:00	362	105	1.02	107
05/15/2006 06:00	584	249	0.93	232
05/15/2006 18:00	635	162	0.92	149
05/16/2006 06:00	662	255	0.91	232
05/16/2006 18:00	760	333	0.88	293
05/17/2006 06:00	770	268	0.87	233
05/17/2006 18:00	930	561	0.82	460
05/18/2006 06:00	825	293	0.86	252
05/19/2006 06:00	871	225	0.84	189
05/19/2006 18:00	946	329	0.82	270
05/20/2006 06:00	1,140	384	0.76	292
05/20/2006 18:00	1,490	581	0.65	378
05/21/2006 06:00	1,430	483	0.67	324
05/21/2006 18:00	1,800	760	0.60	456
05/22/2006 06:00	1,610	1,060	0.62	657
05/22/2006 18:00	1,670	491	0.60	295
05/23/2006 06:00	1,610	327	0.62	203
05/23/2006 18:00	1,530	361	0.64	231
05/24/2006 18:00	1,020	252	0.80	202
05/25/2006 06:00	850	167	0.85	142
05/26/2006 06:00	914	160	0.83	133
05/26/2006 18:00	866	183	0.84	154
05/27/2006 06:00	1,370	478	0.69	330
05/27/2006 18:00	1,380	282	0.69	195
05/28/2006 18:00	765	161	0.88	142
05/29/2006 06:00	571	339	0.94	319
05/30/2006 06:00	459	98	0.98	96
05/31/2006 06:00	483	104	0.96	100
05/31/2006 12:59	492	112	0.96	108
06/01/2006 06:00	543	121	0.94	114

Table 1–3. Suspended-sediment data from point samples for selected sites, 09302000, Duchesne River near Randlett, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
06/02/2006 06:00	588	140	0.93	130
06/03/2006 06:00	779	194	0.87	169
06/04/2006 06:00	882	184	0.84	155
06/05/2006 18:00	861	111	0.85	94
06/06/2006 06:00	1,190	288	0.75	216
06/06/2006 18:00	1,370	286	0.69	197
06/07/2006 06:00	1,360	369	0.69	255
06/07/2006 18:00	1,350	315	0.70	220
06/08/2006 06:00	1,230	242	0.73	177
06/08/2006 18:00	1,500	302	0.65	196
06/09/2006 06:00	1,620	244	0.61	149
06/09/2006 18:00	1,770	436	0.60	262
06/10/2006 06:00	1,720	303	0.60	182
06/10/2006 18:00	2,260	797	0.60	478
06/11/2006 06:00	2,730	1,100	0.60	660
06/11/2006 18:00	2,190	839	0.60	503
06/12/2006 06:00	1,760	759	0.60	455
06/13/2006 06:00	1,430	356	0.67	239
06/14/2006 06:00	1,180	210	0.75	158
06/15/2006 06:00	1,010	146	0.80	117
06/16/2006 06:00	694	108	0.90	97
06/17/2006 06:00	492	92	0.96	88
06/18/2006 18:00	280	60	1.00	60
06/19/2006 06:00	236	52	0.39	20
06/19/2006 13:44	236	122	0.39	48
06/20/2006 18:00	170	178	0.39	69
06/23/2006 06:00	152	344	0.39	134
06/28/2006 06:00	103	33	1.68	55
06/30/2006 06:00	75	40	1.68	67
07/07/2006 18:00	75	53	1.68	89
07/10/2006 06:00	110	57	1.68	96
07/13/2006 06:00	74	43	1.68	72
07/16/2006 06:00	50	54	1.68	91
07/19/2006 06:00	39	27	1.68	45
07/19/2006 13:19	42	41	1.68	69
04/05/2007 15:36	93	221	2.15	475
04/05/2007 18:00	93	53	2.15	114
04/06/2007 18:00	87	71	2.19	155
04/07/2007 18:00	78	75	2.24	168

Table 1–3. Suspended-sediment data from point samples for selected sites, 09302000, Duchesne River near Randlett, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
04/08/2007 18:00	148	84	2.28	192
04/09/2007 18:00	228	107	2.32	248
04/10/2007 18:00	322	188	2.36	444
04/11/2007 18:00	335	142	2.40	341
04/12/2007 18:00	261	92	2.44	224
04/13/2007 18:00	195	81	2.48	201
04/14/2007 18:00	137	61	2.52	154
04/15/2007 18:00	148	74	2.56	189
04/16/2007 18:00	156	87	2.60	226
04/17/2007 18:00	165	107	2.64	282
04/18/2007 18:00	141	66	2.68	177
04/19/2007 18:00	148	85	2.72	231
04/20/2007 18:00	137	66	2.76	182
04/23/2007 18:00	51	81	2.88	233
04/24/2007 18:00	84	127	2.92	371
04/25/2007 18:00	75	71	2.97	211
04/26/2007 18:00	58	95	3.01	286
04/27/2007 00:00	65	75	3.02	226
04/27/2007 14:05	53	56	3.04	170
04/27/2007 14:25	54	36	3.04	109
04/27/2007 16:00	54	81	3.04	246
04/27/2007 20:00	52	98	3.04	298
04/28/2007 08:00	43	63	3.03	191
04/28/2007 16:00	46	66	3.03	200
04/29/2007 04:00	49	102	3.02	308
04/29/2007 08:00	47	88	3.02	266
04/29/2007 12:00	49	83	3.02	251
04/29/2007 16:00	65	92	3.01	277
04/29/2007 20:00	75	93	3.01	280
04/30/2007 00:00	81	136	3.01	409
04/30/2007 04:00	78	96	3.01	289
04/30/2007 08:00	75	100	3.01	301
04/30/2007 12:00	69	73	3.00	219
04/30/2007 16:00	58	94	3.00	282
04/30/2007 20:00	52	82	3.00	246
05/01/2007 00:00	50	62	3.00	186
05/01/2007 04:00	49	67	3.00	201
05/01/2007 20:00	40	84	2.99	251
05/02/2007 04:00	38	93	2.98	277

Table 1–3. Suspended-sediment data from point samples for selected sites, 09302000, Duchesne River near Randlett, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/02/2007 08:00	39	90	2.98	268
05/02/2007 12:00	74	101	2.98	301
05/02/2007 16:00	60	79	2.98	235
05/02/2007 20:00	60	84	2.98	250
05/03/2007 00:00	58	70	2.97	208
05/03/2007 08:00	53	57	2.97	169
05/03/2007 16:00	67	57	2.97	169
05/04/2007 00:00	78	145	2.96	429
05/04/2007 04:00	90	65	2.96	192
05/04/2007 12:00	78	77	2.96	228
05/05/2007 00:00	74	70	2.95	206
05/05/2007 04:00	81	75	2.95	221
05/05/2007 12:00	139	91	2.94	268
05/05/2007 20:00	150	116	2.94	341
05/06/2007 04:00	159	167	2.94	491
05/06/2007 16:00	139	111	2.93	325
05/07/2007 08:00	148	90	2.92	263
05/08/2007 00:00	137	88	2.91	256
05/08/2007 04:00	137	92	2.91	268
05/08/2007 12:00	127	92	2.91	268
05/08/2007 20:00	112	85	2.90	246
05/09/2007 04:00	103	78	2.90	226
05/09/2007 16:00	95	65	2.89	188
05/10/2007 04:00	97	74	2.89	214
05/10/2007 12:00	90	76	2.88	219
05/11/2007 04:00	92	79	2.87	227
05/11/2007 12:25	103	58	2.87	166
05/11/2007 12:45	103	57	2.87	164
05/11/2007 18:00	100	89	2.87	255
05/12/2007 06:00	83	86	2.87	247
05/12/2007 18:00	83	132	2.87	379
05/13/2007 06:00	116	163	2.87	468
05/13/2007 18:00	117	193	2.87	554
05/14/2007 06:00	141	208	2.87	597
05/14/2007 18:00	116	168	2.87	482
05/15/2007 06:00	137	216	2.87	620
05/15/2007 18:00	105	226	2.87	649
05/16/2007 06:00	95	188	2.87	540
05/16/2007 18:00	84	176	2.87	505

Table 1–3. Suspended-sediment data from point samples for selected sites, 09302000, Duchesne River near Randlett, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/17/2007 06:00	81	189	2.88	544
05/18/2007 06:00	102	218	2.88	628
05/18/2007 18:00	116	187	2.88	539
05/19/2007 18:00	107	168	2.88	484
05/20/2007 06:00	100	170	2.88	490
05/20/2007 18:00	93	163	2.88	469
05/21/2007 06:00	83	207	2.88	596
05/21/2007 18:00	71	170	2.88	490
05/22/2007 06:00	73	188	2.88	541
05/22/2007 18:00	66	170	2.88	490
05/23/2007 06:00	77	155	2.88	446
05/23/2007 18:00	74	150	2.88	432
05/24/2007 18:00	98	149	2.88	429
05/25/2007 18:00	105	156	2.88	449
05/26/2007 06:00	83	162	2.88	467
05/27/2007 06:00	74	148	2.88	426
05/28/2007 18:00	74	129	2.89	373
05/29/2007 06:00	74	135	2.89	390
05/30/2007 18:00	69	122	2.89	353
05/31/2007 06:00	80	75	2.89	217
05/31/2007 18:00	73	109	2.89	315
06/01/2007 06:00	74	81	2.89	234
06/02/2007 06:00	70	78	2.89	225
06/03/2007 06:00	67	52	2.89	150
06/03/2007 18:00	80	85	2.89	246
06/04/2007 06:00	75	60	2.89	173
06/05/2007 18:00	89	101	2.89	292
06/06/2007 06:00	74	98	2.89	283
06/06/2007 18:00	67	115	2.89	332
06/07/2007 06:00	77	78	2.90	226
06/07/2007 18:00	89	66	2.90	191
06/08/2007 18:00	112	100	2.90	290
06/09/2007 18:00	90	102	2.90	296
06/10/2007 18:00	77	79	2.90	229
06/11/2007 18:00	54	101	2.90	293
06/12/2007 06:00	47	129	2.90	374
06/12/2007 10:35	49	49	2.90	142
06/12/2007 10:55	50	44	2.90	128
06/12/2007 18:00	53	69	2.91	201

Table 1–3. Suspended-sediment data from point samples for selected sites, 09302000, Duchesne River near Randlett, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
06/13/2007 06:00	70	121	2.92	353
06/13/2007 18:00	77	74	2.93	217
06/14/2007 06:00	60	83	2.95	245
06/14/2007 18:00	58	79	2.96	234
06/15/2007 06:00	50	80	2.97	238
06/15/2007 18:00	47	75	2.99	224
06/16/2007 06:00	54	86	3.00	258
06/16/2007 18:00	49	76	3.01	229
06/17/2007 06:00	47	105	3.02	317
06/17/2007 18:00	37	110	3.04	334
06/18/2007 06:00	33	82	3.05	250
06/18/2007 18:00	31	99	3.06	303
06/19/2007 06:00	29	70	3.08	216
06/19/2007 18:00	23	72	3.09	222
06/20/2007 06:00	25	79	3.10	245
06/20/2007 18:00	21	70	3.12	218
06/21/2007 06:00	19	78	3.13	244
06/21/2007 18:00	32	100	3.14	314
06/22/2007 06:00	29	69	3.15	217
06/22/2007 11:05	31	45	3.16	142
06/22/2007 11:20	31	46	3.16	145
06/22/2007 00:00	31	46	3.16	145
04/10/2008 12:10	325	41	0.79	32
04/10/2008 12:30	325	35	0.79	28
04/10/2008 18:00	316	73	0.78	57
04/11/2008 18:00	306	70	0.77	54
04/12/2008 18:00	297	70	0.76	53
04/13/2008 18:00	297	80	0.76	61
04/14/2008 06:00	300	90	0.76	68
04/15/2008 18:00	293	128	0.75	96
04/16/2008 06:00	300	96	0.76	73
04/16/2008 18:00	312	101	0.78	79
04/17/2008 18:00	303	79	0.77	61
04/18/2008 06:00	293	125	0.75	94
04/18/2008 18:00	267	62	0.73	45
04/19/2008 06:00	297	92	0.76	70
04/20/2008 06:00	280	120	0.74	89
04/21/2008 06:00	290	105	0.75	79
04/21/2008 18:00	236	72	0.69	50

Table 1–3. Suspended-sediment data from point samples for selected sites, 09302000, Duchesne River near Randlett, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
04/22/2008 18:00	225	122	0.68	83
04/23/2008 06:00	195	79	0.65	51
04/24/2008 06:00	192	74	0.64	47
04/24/2008 18:00	156	80	0.60	48
04/25/2008 18:00	152	69	0.60	41
04/26/2008 18:00	135	93	0.58	54
04/27/2008 18:00	129	79	0.57	45
04/28/2008 06:00	123	74	0.57	42
04/28/2008 18:00	108	73	0.55	40
04/29/2008 06:00	92	69	0.53	37
04/29/2008 18:00	78	70	0.52	36
04/30/2008 06:00	67	97	0.51	49
04/30/2008 18:00	52	98	0.49	48
05/01/2008 18:00	43	75	0.48	36
05/02/2008 06:00	42	95	0.48	46
05/02/2008 10:15	44	10	0.48	5
05/02/2008 10:25	44	8	0.48	4
05/02/2008 18:00	53	62	0.48	30
05/03/2008 18:00	60	96	0.48	46
05/04/2008 18:00	58	140	0.48	67
05/05/2008 06:00	46	147	0.48	71
05/05/2008 18:00	43	140	0.48	67
05/06/2008 06:00	39	80	0.48	38
05/06/2008 18:00	46	235	0.48	113
05/07/2008 06:00	69	149	0.48	72
05/07/2008 18:00	51	202	0.48	97
05/08/2008 06:00	64	146	0.48	70
05/09/2008 18:00	62	235	0.48	113
05/10/2008 06:00	71	132	0.48	63
05/11/2008 06:00	77	124	0.48	60
05/11/2008 18:00	83	193	0.48	93
05/12/2008 06:00	65	142	0.48	68
05/13/2008 06:00	74	73	0.48	35
05/13/2008 18:00	87	119	0.48	57
05/14/2008 18:00	86	152	0.48	73
05/15/2008 06:00	69	142	0.48	68
05/15/2008 18:00	78	239	0.48	115
05/16/2008 18:00	80	218	0.48	105
05/17/2008 18:00	83	212	1.56	331

Table 1–3. Suspended-sediment data from point samples for selected sites, 09302000, Duchesne River near Randlett, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
05/18/2008 18:00	66	205	1.56	320
05/19/2008 18:00	366	452	0.92	416
05/20/2008 18:00	487	559	0.92	514
05/21/2008 18:00	648	578	0.92	532
05/22/2008 18:00	325	197	0.92	181
05/23/2008 10:30	297	171	0.93	159
05/23/2008 10:45	300	178	0.92	164
05/23/2008 18:00	280	144	0.99	143
05/24/2008 00:00	264	154	1.04	160
05/24/2008 06:00	270	249	1.02	254
05/24/2008 12:00	283	332	0.97	322
05/25/2008 00:00	264	182	1.04	189
05/25/2008 00:00	264	166	1.04	173
05/25/2008 06:00	236	223	1.14	254
05/25/2008 18:00	214	179	1.21	217
05/26/2008 00:00	192	163	1.29	210
05/27/2008 00:00	205	137	1.24	170
05/28/2008 00:00	177	143	1.34	192
05/28/2008 12:00	172	144	1.36	196
05/28/2008 18:00	159	160	1.40	224
05/29/2008 00:00	141	177	1.46	258
05/29/2008 12:00	125	171	1.52	260
05/30/2008 00:00	119	155	1.54	239
05/30/2008 12:00	110	171	1.56	267
05/30/2008 18:00	98	178	1.56	278
05/31/2008 12:00	93	177	1.56	276
06/01/2008 00:00	107	154	1.56	240
06/01/2008 12:00	114	202	1.56	315
06/02/2008 00:00	103	200	1.56	312
06/02/2008 12:00	102	242	1.56	378
06/02/2008 18:00	105	152	1.56	237
06/03/2008 00:00	114	158	1.56	246
06/03/2008 06:00	145	191	1.45	277
06/03/2008 12:00	116	165	1.55	256
06/03/2008 12:25	114	87	1.56	136
06/03/2008 12:45	112	72	1.56	112
06/03/2008 18:00	116	105	1.55	163
06/04/2008 06:00	107	101	1.56	158
06/04/2008 18:00	159	253	1.40	354

Table 1–3. Suspended-sediment data from point samples for selected sites, 09302000, Duchesne River near Randlett, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft ³ /s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
06/05/2008 06:00	267	375	1.03	386
06/05/2008 18:00	376	241	0.92	222
06/06/2008 06:00	316	301	0.92	277
06/06/2008 18:00	297	475	0.93	442
06/07/2008 06:00	251	188	1.08	203
06/08/2008 06:00	286	211	0.96	203
06/08/2008 18:00	261	289	1.05	303
06/09/2008 18:00	230	246	1.16	285
06/10/2008 18:00	211	250	1.22	305
06/11/2008 06:00	175	194	1.35	262
06/12/2008 06:00	148	168	1.44	242
06/12/2008 18:00	168	237	1.37	325
06/13/2008 06:00	177	148	1.34	198
06/13/2008 18:00	165	184	1.38	254
06/14/2008 18:00	168	201	1.37	275
06/15/2008 18:00	150	188	1.43	269
06/16/2008 06:00	170	163	0.82	134
06/16/2008 18:00	236	238	0.71	169
06/17/2008 06:00	483	142	0.29	41
06/17/2008 18:00	293	269	0.61	164
06/18/2008 06:00	348	301	0.52	157
06/18/2008 18:00	270	256	0.65	166
06/19/2008 06:00	322	226	0.57	129
06/19/2008 18:00	286	298	0.63	188
06/20/2008 06:00	325	308	0.56	172
06/20/2008 18:00	236	351	0.71	249
06/21/2008 06:00	283	380	0.63	239
06/21/2008 18:00	168	288	0.83	239
06/22/2008 06:00	251	302	0.69	208
06/23/2008 06:00	303	355	0.60	213
06/23/2008 18:00	283	474	0.63	299
06/24/2008 06:00	359	188	0.50	94
06/24/2008 18:00	467	337	0.32	108
06/25/2008 06:00	531	691	0.27	187
06/25/2008 12:25	492	663	0.28	186
06/25/2008 12:35	489	226	0.28	63
06/25/2008 18:00	451	403	0.35	141
06/26/2008 06:00	483	301	0.29	87
06/26/2008 18:00	409	433	0.42	182

Table 1–3. Suspended-sediment data from point samples for selected sites, 09302000, Duchesne River near Randlett, Utah.—Continued

[ft³/s, cubic feet per second; Raw SSC, suspended-sediment concentration reported from laboratory; Adjusted SSC, adjusted suspended-sediment concentration; mg/L, milligrams per liter]

Date/Time	Streamflow (ft³/s)	Raw SSC (mg/L)	Coefficient	Adjusted SSC (mg/L)
06/27/2008 06:00	439	598	0.37	221
06/27/2008 18:00	335	333	0.54	180
06/28/2008 06:00	219	441	0.74	326
06/28/2008 18:00	187	229	0.79	181
06/29/2008 06:00	156	315	0.85	268
06/29/2008 18:00	129	236	0.89	210
06/30/2008 06:00	135	333	0.88	293
06/30/2008 18:00	100	214	1.01	216
07/01/2008 06:00	80	352	1.16	408
07/01/2008 18:00	73	204	1.21	247
07/02/2008 18:00	64	303	1.27	385
07/03/2008 18:00	73	242	1.21	293
07/04/2008 06:00	75	322	1.19	383
07/05/2008 06:00	80	347	1.16	403
07/06/2008 06:00	77	314	1.18	371
07/06/2008 18:00	95	173	1.05	182
07/07/2008 06:00	103	196	0.99	194
07/08/2008 06:00	93	151	1.06	160
07/09/2008 06:00	92	120	1.07	128
07/10/2008 06:00	67	118	1.24	146
07/11/2008 06:00	53	116	1.31	152
07/12/2008 06:00	43	117	1.31	153
07/13/2008 06:00	42	108	1.31	141
07/14/2008 06:00	42	48	1.31	63
07/15/2008 06:00	52	61	1.31	80
07/15/2008 11:20	58	16	1.31	21

Appendix 2.

Streamflow, Suspended-Sediment Concentration, and Suspended-Sediment Load for Selected Sites, Gunnison, Green, and Duchesne Rivers.

Table 2–1. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2005.[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	February			March		
1	--	--	--	--	--	--
2	--	--	--	--	--	--
3	--	--	--	--	--	--
4	--	--	--	--	--	--
5	--	--	--	--	--	--
6	--	--	--	--	--	--
7	--	--	--	--	--	--
8	--	--	--	--	--	--
9	--	--	--	--	--	--
10	--	--	--	--	--	--
11	--	--	--	--	--	--
12	--	--	--	--	--	--
13	--	--	--	--	--	--
14	--	--	--	--	--	--
15	--	--	--	--	--	--
16	--	--	--	--	--	--
17	--	--	--	--	--	--
18	--	--	--	--	--	--
19	--	--	--	--	--	--
20	--	--	--	--	--	--
21	--	--	--	--	--	--
22	--	--	--	--	--	--
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	--	--	--
26	--	--	--	--	--	--
27	--	--	--	--	--	--
28	--	--	--	--	--	--
29				--	--	--
30				2,330	284	1,340
31				2,370	--	e1,580
Month	--	--	--	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–1. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2005.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	April			May		
1	2,200	--	e1,180	5,220	223	3,140
2	2,250	172	1,050	5,190	220	3,080
3	2,300	--	e1,470	5,130	219	3,030
4	2,490	312	2,100	4,990	250	3,360
5	2,600	387	2,710	5,160	358	5,040
6	2,540	317	2,170	5,670	401	6,190
7	2,620	317	2,250	6,320	442	7,570
8	3,220	529	4,650	6,430	374	6,500
9	3,700	--	e4,830	6,260	--	e6,070
10	3,650	--	e4,540	6,990	720	14,100
11	3,760	--	e4,700	7,660	704	14,700
12	3,700	--	e4,740	7,040	449	8,600
13	3,750	--	e5,400	6,370	299	5,150
14	4,190	--	e6,780	6,330	327	5,640
15	5,070	--	e11,000	6,490	426	7,500
16	5,840	--	e15,500	7,100	513	9,960
17	6,570	--	e21,300	8,320	821	19,000
18	7,740	1,450	30,500	8,840	748	18,000
19	8,020	1,090	23,600	8,570	545	12,700
20	7,790	975	20,600	9,170	704	17,800
21	6,630	653	11,700	10,600	1,120	32,900
22	5,730	--	e8,340	11,300	980	30,200
23	5,280	--	e7,920	11,500	859	27,000
24	6,040	--	e9,270	11,400	764	23,700
25	6,830	--	e17,000	11,000	609	18,100
26	6,490	511	8,960	10,300	469	13,000
27	6,190	357	5,970	9,410	356	9,060
28	5,880	314	4,990	8,640	317	7,400
29	5,590	287	4,330	7,860	272	5,770
30	5,420	225	3,300	7,220	233	4,540
31				6,830	211	3,900
Month	144,000	484	224,000	239,000	533	391,000

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–1. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2005.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
		June			July	
1	6,270	203	3,430	2,960	88	703
2	6,030	182	2,960	2,800	80	605
3	6,220	178	2,990	2,640	93	662
4	6,060	167	2,740	2,540	85	582
5	e5,440	--	e2,140	2,360	77	494
6	e4,370	--	e1,940	2,200	--	e409
7	4,290	151	1,750	2,050	59	328
8	4,150	128	1,440	1,930	51	267
9	4,090	119	1,310	1,850	42	210
10	4,150	115	1,300	1,790	29	143
11	5,150	156	2,180	1,740	23	106
12	5,130	239	3,350	1,630	21	94
13	5,360	173	2,530	1,490	--	e121
14	4,570	121	1,490	1,450	45	178
15	4,340	109	1,280	1,460	62	244
16	4,560	109	1,350	1,450	--	e286
17	4,960	130	1,750	1,420	75	287
18	5,030	138	1,880	1,390	65	244
19	5,020	132	1,790	1,270	--	e214
20	4,900	125	1,650	1,260	60	205
21	4,490	111	1,350	1,260	55	188
22	4,400	105	1,250	1,200	60	195
23	4,550	109	1,340	1,190	66	213
24	4,690	160	2,030	1,260	80	273
25	4,290	124	1,440	1,620	4,900	19,500
26	4,210	--	e1300	1,810	2,740	13,600
27	4,050	--	e1230	1,840	2,530	12,800
28	3,450	109	1,010	1,660	431	1,940
29	3,350	100	903	1,510	274	1,120
30	3,270	93	820	1,390	218	820
31				1,330	182	653
Month	141,000	176	69,900	53,700	431	60,700

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–1. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2005.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	August			September		
1	1,370	178	659	1,220	29	96
2	1,360	164	604	1,280	37	128
3	1,370	555	2,040	1,280	46	158
4	1,330	241	872	1,350	181	651
5	1,350	150	548	1,470	149	588
6	1,550	151	632	1,450	83	326
7	1,470	149	593	1,420	57	219
8	1,430	--	e737	1,350	52	190
9	1,350	--	e635	1,550	834	3,870
10	1,440	191	744	2,050	3,200	17,600
11	1,760	181	867	1,880	1,070	5,500
12	1,830	360	1,760	1,740	357	1,680
13	1,760	277	1,330	1,650	252	1,130
14	1,700	156	714	1,640	--	e988
15	1,700	139	639	1,640	213	942
16	1,630	139	613	1,590	205	883
17	1,770	166	790	1,520	202	826
18	1,770	187	890	1,500	170	689
19	1,550	160	673	1,480	--	e659
20	1,440	98	382	1,480	159	632
21	1,410	110	426	1,450	305	1,200
22	1,430	654	2,550	1,650	671	2,960
23	1,310	110	392	1,770	975	4,650
24	1,270	91	310	1,730	377	1,760
25	1,340	55	198	1,650	--	e1,240
26	1,360	116	425	1,580	196	836
27	1,360	120	438	1,570	490	2,090
28	1,400	72	273	2,390	3,280	22,400
29	1,400	55	208	2,630	4,650	33,400
30	1,320	39	138	2,340	1,340	8,470
31	1,230	33	109			
Month	45,800	234	29,400	49,300	612	104,000

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–2. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2006.[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment- load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment- load* (tons)
		October			November	
1	2,110	341	1,440	--	--	--
2	2,040	374	2,060	--	--	--
3	1,980	428	2,290	--	--	--
4	1,850	297	1,500	--	--	--
5	1,810	--	e973	--	--	--
6	1,850	170	850	--	--	--
7	1,790	177	855	--	--	--
8	1,760	--	e746	--	--	--
9	2,100	850	5,210	--	--	--
10	2,450	3,040	20,000	--	--	--
11	2,280	1,010	6,270	--	--	--
12	2,070	--	e1,760	--	--	--
13	1,930	182	952	--	--	--
14	1,920	--	e917	--	--	--
15	1,910	180	928	--	--	--
16	1,940	--	e848	--	--	--
17	1,900	143	735	--	--	--
18	1,860	150	750	--	--	--
19	1,930	209	1,100	--	--	--
20	2,090	--	e1,410	--	--	--
21	2,030	249	1,370	--	--	--
22	1,970	200	1,070	--	--	--
23	1,940	--	e757	--	--	--
24	1,920	104	541	--	--	--
25	1,880	89	452	--	--	--
26	1,870	90	457	--	--	--
27	1,860	--	e453	--	--	--
28	1,870	--	e422	--	--	--
29	1,810	--	e377	--	--	--
30	1,650	--	e315	--	--	--
31	1,560	--	e270	--	--	--
Month	59,900	325	58,100	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–2. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2006.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment- load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment- load* (tons)
	February			March		
1	--	--	--	--	--	--
2	--	--	--	--	--	--
3	--	--	--	--	--	--
4	--	--	--	--	--	--
5	--	--	--	--	--	--
6	--	--	--	--	--	--
7	--	--	--	--	--	--
8	--	--	--	--	--	--
9	--	--	--	--	--	--
10	--	--	--	--	--	--
11	--	--	--	--	--	--
12	--	--	--	--	--	--
13	--	--	--	--	--	--
14	--	--	--	1,140	34	106
15	--	--	--	1,110	28	83
16	--	--	--	1,210	29	96
17	--	--	--	1,190	29	94
18	--	--	--	1,210	30	98
19	--	--	--	1,220	32	106
20	--	--	--	1,200	26	85
21	--	--	--	1,170	29	91
22	--	--	--	1,170	25	80
23	--	--	--	1,180	25	79
24	--	--	--	1,160	18	56
25	--	--	--	1,180	28	89
26	--	--	--	1,210	31	102
27	--	--	--	1,260	31	105
28	--	--	--	1,280	29	102
29	--	--	--	1,500	97	406
30	--	--	--	1,670	276	1,240
31	--	--	--	1,570	208	882
Month	--	--	--	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–2. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2006.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment- load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment- load* (tons)
		April			May	
1	1,500	--	e604	3,430	--	e1,970
2	1,580	--	e743	3,350	257	2,360
3	1,700	220	1,010	3,550	269	2,570
4	1,810	241	1,180	3,710	272	2,720
5	2,150	412	2,400	3,620	206	2,010
6	2,430	610	3,990	3,300	--	e1,530
7	2,470	482	3,220	3,000	173	1,400
8	2,300	--	e2,800	2,890	253	1,970
9	2,400	--	e3,060	2,830	216	1,650
10	2,810	--	e3,820	2,680	146	1,060
11	3,090	--	e4,220	2,540	150	1,030
12	3,040	491	4,030	2,740	128	949
13	3,120	529	4,490	2,920	148	1,170
14	3,750	963	10,200	3,230	--	e1,720
15	4,810	1,250	16,500	3,490	260	2,460
16	5,060	1,140	15,900	3,770	278	2,830
17	4,390	646	7,690	3,800	237	2,430
18	4,510	659	8,010	3,700	176	1,760
19	4,030	432	4,750	3,620	146	1,420
20	3,610	323	3,160	3,640	153	1,500
21	3,610	321	3,160	3,700	162	1,620
22	3,720	405	4,100	3,780	171	1,740
23	4,270	662	7,670	4,220	463	5,340
24	5,070	802	11,100	4,020	293	3,210
25	4,590	485	6,080	3,580	155	1,500
26	4,020	332	3,610	3,540	130	1,240
27	4,050	340	3,760	3,420	135	1,250
28	4,220	354	4,070	3,250	117	1,030
29	4,200	311	3,530	3,020	96	785
30	3,810	238	2,440	2,680	109	785
31				2,370	172	1,100
Month	102,000	497	151,000	103,000	195	56,100

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–2. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2006.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment- load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment- load* (tons)
		June			July	
1	2,260	126	764	1,570	46	194
2	2,350	87	554	1,610	55	239
3	2,420	92	602	1,710	70	324
4	2,360	85	540	1,710	98	452
5	2,410	94	611	1,770	295	1,470
6	2,410	127	820	1,820	323	1,580
7	2,440	102	670	1,890	170	869
8	2,620	111	789	1,920	284	1,470
9	2,910	163	1,290	2,370	687	4,770
10	3,120	354	2,990	3,100	2,920	24,800
11	2,920	234	1,870	3,090	4,420	37,000
12	2,740	154	1,150	2,670	1,210	8,760
13	2,620	148	1,040	2,140	450	2,610
14	2,490	--	e817	2,080	274	1,540
15	2,370	106	680	2,010	250	1,360
16	2,370	--	e700	1,900	--	e1,310
17	2,230	111	667	1,880	355	1,800
18	2,160	--	e556	e1,720	--	e773
19	2,060	80	444	e1,730	--	e1,230
20	1,920	68	352	1,710	296	1,370
21	1,820	--	e251	3,100	33,500	259,000
22	1,800	37	182	2,120	1,930	11,500
23	1,790	--	e193	1,550	315	1,340
24	1,690	44	202	1,410	223	846
25	1,680	--	e234	1,440	225	880
26	1,710	58	270	1,860	260	1,300
27	1,710	--	e247	1,900	280	1,430
28	1,670	47	210	1,810	1,500	7,320
29	1,650	44	196	1,810	276	1,350
30	1,610	61	264	1,840	232	1,160
31				2,140	2,120	13,400
Month	66,300	102	20,100	61,400	1,730	393,000

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–2. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2006.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment- load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment- load* (tons)
	August			September		
1	2,170	4,780	27,600	2,270	128	786
2	2,610	3,090	21,600	2,280	114	705
3	2,340	931	5,870	2,290	--	e609
4	2,290	399	2,480	2,300	88	544
5	2,560	3,790	25,700	2,220	90	537
6	2,390	492	3,190	2,180	--	e447
7	2,330	601	3,780	2,220	64	383
8	2,220	1,090	6,480	2,390	219	1,450
9	2,210	291	1,730	2,660	456	3,300
10	2,250	236	1,440	2,670	630	4,550
11	2,180	186	1,090	2,610	287	2,030
12	2,140	149	858	2,530	149	1,020
13	2,160	164	959	2,440	105	694
14	2,160	133	775	2,360	95	605
15	2,050	194	1,080	2,490	239	1,630
16	2,030	570	3,130	2,830	1,330	10,200
17	1,990	249	1,330	2,650	1,100	7,980
18	1,980	111	595	2,600	114	798
19	1,960	98	520	2,580	--	e613
20	1,930	112	584	2,600	114	805
21	1,930	89	465	2,940	1,010	8,000
22	1,910	56	290	3,460	1,590	16,000
23	1,920	43	225	3,760	2,460	25,800
24	1,920	27	141	2,810	789	6,060
25	2,210	1,210	7,400	2,540	251	1,730
26	2,490	2,490	19,800	2,230	180	1,080
27	2,690	3,680	26,500	2,210	181	1,080
28	2,810	1,090	8,460	2,180	159	935
29	2,500	236	1,600	2,170	--	e821
30	2,380	157	1,010	2,140	129	738
31	2,330	131	821			
Month	69,000	867	178,000	75,600	416	102,000

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2-3. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2007.[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
October				November		
1	2,100	114	640	1,990	87	469
2	2,070	--	e593	1,930	--	e373
3	2,170	234	1,450	1,840	62	307
4	3,150	2,200	18,600	--	--	--
5	2,620	1,500	10,600	--	--	--
6	4,070	3,090	41,800	--	--	--
7	4,950	8,880	121,000	--	--	--
8	3,670	1,370	14,000	--	--	--
9	3,150	495	4,220	--	--	--
10	3,470	1,640	15,300	--	--	--
11	3,250	794	6,990	--	--	--
12	3,010	311	2,540	--	--	--
13	2,840	189	1,460	--	--	--
14	2,760	--	e1,150	--	--	--
15	3,080	258	2,200	--	--	--
16	3,190	1,170	9,950	--	--	--
17	3,310	845	7,540	--	--	--
18	3,940	2,020	22,000	--	--	--
19	3,190	951	8,310	--	--	--
20	2,940	329	2,610	--	--	--
21	2,860	235	1,820	--	--	--
22	2,760	--	e1,670	--	--	--
23	2,680	210	1,520	--	--	--
24	2,640	--	e1,270	--	--	--
25	2,680	162	1,180	--	--	--
26	2,940	--	e5,660	--	--	--
27	2,760	910	6,790	--	--	--
28	2,490	260	1,800	--	--	--
29	2,080	--	e842	--	--	--
30	2,030	139	763	--	--	--
31	2,030	--	e621			
Month	90,900	966	317,000	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2-3. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2007.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft³/s)	Suspended-sediment concentration (mg/L)	Suspended-sediment load* (tons)	Daily-mean streamflow (ft³/s)	Suspended-sediment concentration (mg/L)	Suspended-sediment load* (tons)
	February			March		
1	--	--	--	--	--	--
2	--	--	--	--	--	--
3	--	--	--	--	--	--
4	--	--	--	--	--	--
5	--	--	--	--	--	--
6	--	--	--	--	--	--
7	--	--	--	--	--	--
8	--	--	--	--	--	--
9	--	--	--	1,590	31	134
10	--	--	--	1,480	--	e138
11	--	--	--	1,480	40	161
12	--	--	--	1,480	--	e199
13	--	--	--	1,520	--	e374
14	--	--	--	1,850	187	955
15	--	--	--	2,290	476	2,970
16	--	--	--	2,560	567	3,920
17	--	--	--	2,750	479	3,560
18	--	--	--	3,100	466	3,940
19	--	--	--	3,450	554	5,150
20	--	--	--	3,650	599	5,890
21	--	--	--	3,710	634	6,350
22	--	--	--	3,520	530	5,040
23	--	--	--	3,350	371	3,350
24	--	--	--	3,260	331	2,910
25	--	--	--	3,210	263	2,280
26	--	--	--	3,150	319	2,720
27	--	--	--	3,240	408	3,570
28	--	--	--	3,620	477	4,700
29				3,540	458	4,400
30				3,230	291	2,540
31				2,980	203	1,630
Month	--	--	--	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2-3. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2007.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	April			May		
1	2,880	222	1,730	3,310	539	4,810
2	2,730	241	1,770	3,550	477	4,560
3	2,780	269	2,020	4,180	535	6,050
4	2,810	267	2,030	4,060	458	5,010
5	2,980	334	2,690	3,820	292	3,020
6	3,240	377	3,330	3,700	216	2,160
7	3,360	425	3,850	3,240	222	1,940
8	3,380	403	3,690	2,860	240	1,860
9	3,770	425	4,360	2,650	212	1,520
10	3,800	491	5,050	2,560	209	1,440
11	3,340	334	3,040	2,580	236	1,640
12	2,940	310	2,460	2,940	--	e2,370
13	2,790	381	2,870	3,640	--	e3,460
14	2,510	302	2,050	4,140	--	e4,340
15	2,320	221	1,380	4,310	637	7,490
16	2,340	341	2,160	4,090	814	8,990
17	2,330	271	1,700	3,700	510	5,120
18	2,300	270	1,670	3,330	283	2,550
19	2,180	243	1,430	3,190	223	1,930
20	2,040	206	1,140	3,180	215	1,840
21	2,010	180	978	3,220	206	1,790
22	2,140	179	1,030	3,160	178	1,520
23	2,070	157	878	3,660	236	2,330
24	2,040	156	863	3,080	173	1,440
25	2,330	234	1,480	2,690	--	e1,000
26	2,190	202	1,190	2,410	118	768
27	2,010	161	871	2,220	--	e690
28	2,020	171	940	2,190	113	670
29	2,330	255	1,620	2,390	114	735
30	2,950	392	3,190	2,470	101	674
31				2,310	87	542
Month	78,900	281	63,500	98,800	288	84,300

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

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Table 2-3. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2007.—Continued

[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	June			July		
1	2,270	--	e528	1,230	76	253
2	2,170	87	512	1,210	--	e176
3	2,230	--	e577	1,150	44	136
4	2,330	106	665	1,170	--	e158
5	2,340	--	e705	1,250	58	197
6	2,430	120	788	1,280	--	e249
7	2,440	142	932	1,280	86	298
8	2,130	121	698	1,290	--	e345
9	1,900	82	421	1,280	88	305
10	1,860	69	346	1,240	65	217
11	2,020	87	473	1,210	--	e244
12	2,130	116	669	1,280	150	520
13	2,810	217	1,660	1,360	192	705
14	2,420	212	1,380	1,410	168	639
15	2,210	129	769	1,360	140	514
16	2,170	--	e683	1,330	83	301
17	2,170	--	e663	1,280	--	e246
18	2,090	112	631	1,300	112	391
19	1,950	122	642	1,320	--	e476
20	1,790	--	e568	1,330	141	506
21	1,690	107	486	1,360	275	1,010
22	1,620	--	e417	1,410	299	1,140
23	1,520	84	346	1,480	299	1,190
24	1,490	--	e295	1,490	313	1,250
25	1,440	63	247	1,470	215	854
26	1,400	--	e220	1,630	2,030	8,650
27	1,270	69	236	1,570	1,060	4,500
28	1,220	--	e364	1,520	1,020	4,200
29	1,260	141	481	1,600	8,150	34,500
30	1,280	--	e389	1,480	698	2,820
31				1,390	305	1,140
Month	58,000	109	17,800	41,900	537	68,100

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2-3. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, Colorado, water year 2007.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]						
Day	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	August			September		
1	1,340	226	817	1,690	70	319
2	1,380	190	709	1,710	61	281
3	1,430	180	693	1,730	--	e278
4	1,720	254	1,200	1,710	60	276
5	1,860	394	1,980	1,770	62	295
6	2,350	2,170	14,300	1,800	--	e298
7	2,880	2,520	19,700	1,760	59	279
8	2,460	957	6,440	1,900	53	272
9	2,190	313	1,860	1,960	--	e320
10	2,090	251	1,420	1,950	67	350
11	1,960	--	e1,070	1,910	68	350
12	1,870	166	839	1,910	--	e371
13	1,840	140	695	1,900	75	384
14	1,690	186	851	1,910	--	e535
15	1,640	358	1,580	1,920	--	e781
16	1,720	120	555	1,960	--	e1,040
17	1,700	217	993	2,860	2,130	18,800
18	1,740	248	1,160	3,300	3,740	33,800
19	1,710	109	503	2,750	805	6,040
20	1,690	--	e402	2,510	324	2,200
21	1,600	76	329	2,440	257	1,690
22	1,560	56	236	2,390	226	1,460
23	1,510	39	161	2,750	1,350	10,800
24	1,530	--	e155	3,490	1,740	16,400
25	1,540	37	152	3,050	1,160	9,950
26	1,540	27	114	2,680	308	2,240
27	1,590	78	346	2,620	205	1,450
28	1,760	311	1,430	2,380	--	e1,100
29	1,780	153	732	2,080	156	880
30	1,730	168	796	1,900	159	804
31	1,690	90	411			
Month	55,100	334	62,700	66,700	467	114,000

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

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Table 2-4. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09152500, Gunnison River near Grand Junction, CO, water year 2008.

[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	October			November		
1	1,890	--	e806	--	--	--
2	2,010	449	2,490	--	--	--
3	2,180	--	e7,050	--	--	--
4	2,040	320	1,770	--	--	--
5	2,090	182	1,050	--	--	--
6	2,190	1,430	8,410	--	--	--
7	2,290	239	1,460	--	--	--
8	2,300	--	e946	--	--	--
9	2,270	132	810	--	--	--
10	2,250	132	801	--	--	--
11	2,210	--	e751	--	--	--
12	2,120	115	657	--	--	--
13	2,140	86	495	--	--	--
14	2,150	73	421	--	--	--
15	2,180	--	e419	--	--	--
16	2,190	73	433	--	--	--
17	2,200	81	476	--	--	--
18	--	--	--	--	--	--
19	--	--	--	--	--	--
20	--	--	--	--	--	--
21	--	--	--	--	--	--
22	--	--	--	--	--	--
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	--	--	--
26	--	--	--	--	--	--
27	--	--	--	--	--	--
28	--	--	--	--	--	--
29	--	--	--	--	--	--
30	--	--	--	--	--	--
31	--	--	--	--	--	--
Month	--	--	--	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–5. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2005.[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
		April			May	
1	--	--	--	7,850	876	18,400
2	--	--	--	7,140	883	17,100
3	--	--	--	6,190	678	11,400
4	--	--	--	5,610	--	e6,860
5	--	--	--	5,310	309	4,440
6	--	--	--	5,280	230	3,290
7	2,840	301	2,330	5,650	210	3,200
8	2,980	483	3,880	6,460	266	4,670
9	2,790	--	e3,010	7,570	494	10,100
10	3,280	410	3,690	7,920	570	12,200
11	4,070	795	8,770	8,190	724	16,000
12	3,850	743	7,730	8,270	683	15,200
13	3,440	518	4,830	8,700	664	15,600
14	3,200	361	3,120	7,840	525	11,200
15	3,200	--	e2,490	7,230	384	7,510
16	3,720	308	3,110	6,950	325	6,090
17	4,440	639	7,750	7,830	365	7,850
18	4,910	843	11,200	11,200	829	25,500
19	5,870	1,190	18,900	13,900	1,230	45,900
20	6,930	1,590	29,800	13,800	789	29,300
21	7,720	1,730	36,100	14,500	622	24,400
22	7,840	1,560	33,100	16,000	983	42,800
23	6,880	--	e16,400	17,900	1,420	68,800
24	5,860	--	e7,700	19,000	1,010	51,500
25	5,870	455	7,210	19,400	832	43,600
26	7,180	505	9,850	19,500	583	30,600
27	7,700	--	e16,900	19,000	834	42,800
28	7,240	635	12,500	17,500	550	26,200
29	6,730	465	8,460	16,500	234	10,400
30	7,540	546	11,100	16,600	280	12,600
31				17,100	380	17,600
Month	126,000	705	270,000	352,000	619	643,000

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–5. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2005.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
		June			July	
1	16,700	112	5,010	7,540	100	2,040
2	16,100	209	9,060	6,960	96	1,810
3	14,700	259	10,300	6,350	85	1,460
4	16,600	376	16,800	6,000	69	1,130
5	16,700	--	e12,100	5,740	61	938
6	16,400	271	12,000	5,680	56	858
7	17,300	--	e11,400	5,290	--	e644
8	15,500	--	e21,500	4,970	40	539
9	14,400	501	19,600	4,760	42	534
10	13,500	255	9,280	4,570	37	457
11	13,000	180	6,340	4,370	39	463
12	12,800	161	5,570	4,030	35	382
13	11,900	175	5,630	3,580	37	358
14	11,600	151	4,720	3,380	37	339
15	11,200	152	4,570	3,220	36	312
16	10,000	153	4,140	3,090	--	e271
17	9,590	143	3,700	2,890	33	257
18	9,540	137	3,520	2,640	35	251
19	9,630	149	3,890	2,680	24	173
20	9,820	155	4,110	2,530	19	127
21	10,200	169	4,630	2,430	17	114
22	9,980	155	4,190	2,310	25	154
23	9,690	138	3,610	2,270	19	119
24	9,570	144	3,740	2,260	17	102
25	9,880	169	4,510	2,350	82	505
26	9,750	146	3,840	2,270	92	574
27	9,050	150	3,660	2,250	49	300
28	8,700	147	3,460	2,250	32	193
29	8,380	113	2,550	2,270	27	166
30	7,550	109	2,220	2,240	--	e195
31				2,180	37	220
Month	360,000	200	210,000	115,000	45	16,000

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–5. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2005.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	August			September		
1	2,080	18	105	1,730	29	138
2	2,070	18	100	1,830	--	e97
3	2,060	18	98	1,810	--	e95
4	2,000	11	57	1,780	--	e115
5	1,940	13	66	1,760	--	e129
6	1,960	15	79	1,750	--	e92
7	1,990	27	144	1,770	--	e89
8	1,940	33	173	1,640	24	106
9	1,930	23	122	1,670	46	211
10	1,890	33	165	1,820	1,900	9,540
11	1,880	34	172	1,830	191	962
12	1,870	26	131	1,750	1,880	8,100
13	1,820	21	105	1,710	1,520	7,380
14	1,830	22	109	1,890	217	1,110
15	1,870	26	132	1,790	109	534
16	1,930	230	1,190	1,780	101	479
17	1,900	34	180	1,760	546	2,450
18	1,890	20	104	1,710	1,030	4,860
19	1,830	173	784	1,730	319	1,530
20	1,790	276	1,400	1,750	103	493
21	1,810	185	873	1,740	71	338
22	1,860	97	493	1,760	55	262
23	1,840	44	221	1,720	36	168
24	1,820	36	178	1,760	--	e194
25	1,820	--	e167	1,770	48	227
26	1,780	33	159	1,740	43	205
27	1,760	473	2,170	1,770	31	146
28	1,770	177	866	1,830	--	e157
29	1,750	56	266	1,860	35	175
30	1,740	37	175	1,790	22	107
31	1,750	--	e154			
Month	58,200	73	11,100	53,000	285	40,500

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–6. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2006.[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	October			November		
1	1,790	21	98	--	--	--
2	1,780	23	109	--	--	--
3	1,810	--	e147	--	--	--
4	1,880	43	217	--	--	--
5	1,930	63	332	--	--	--
6	1,880	70	358	--	--	--
7	1,840	852	4,230	--	--	--
8	1,900	142	745	--	--	--
9	2,040	99	544	--	--	--
10	2,120	129	735	--	--	--
11	2,050	701	3,810	--	--	--
12	2,020	1,020	5,660	--	--	--
13	2,200	269	1,600	--	--	--
14	2,270	235	1,440	--	--	--
15	2,190	419	2,440	--	--	--
16	2,150	455	2,680	--	--	--
17	2,120	164	949	--	--	--
18	2,090	99	561	--	--	--
19	2,140	80	465	--	--	--
20	2,170	--	e420	--	--	--
21	2,120	73	415	--	--	--
22	2,130	81	464	--	--	--
23	2,140	61	353	--	--	--
24	2,190	65	386	--	--	--
25	2,170	76	443	--	--	--
26	--	--	--	--	--	--
27	--	--	--	--	--	--
28	--	--	--	--	--	--
29	--	--	--	--	--	--
30	--	--	--	--	--	--
31	--	--	--	--	--	--
Month	--	--	--	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–6. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2006.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	February			March		
1	--	--	--	--	--	--
2	--	--	--	--	--	--
3	--	--	--	--	--	--
4	--	--	--	--	--	--
5	--	--	--	--	--	--
6	--	--	--	--	--	--
7	--	--	--	--	--	--
8	--	--	--	--	--	--
9	--	--	--	--	--	--
10	--	--	--	--	--	--
11	--	--	--	--	--	--
12	--	--	--	--	--	--
13	--	--	--	--	--	--
14	--	--	--	--	--	--
15	--	--	--	--	--	--
16	--	--	--	--	--	--
17	--	--	--	--	--	--
18	--	--	--	--	--	--
19	--	--	--	--	--	--
20	--	--	--	--	--	--
21	--	--	--	--	--	--
22	--	--	--	--	--	--
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	--	--	--
26	--	--	--	--	--	--
27	--	--	--	2,690	195	1,410
28	--	--	--	2,860	190	1,470
29				3,120	423	3,560
30				2,950	263	2,110
31				2,840	--	e1,530
Month	--	--	--	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–6. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2006.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
		April			May	
1	3,150	221	1,890	9,790	383	10,200
2	3,130	219	1,860	9,340	329	8,300
3	3,060	160	1,320	9,310	295	7,400
4	3,340	164	1,490	9,930	279	7,490
5	3,560	232	2,230	10,200	--	e9,240
6	3,830	--	e3,010	9,750	--	e9,170
7	4,390	449	5,400	10,000	--	e10,000
8	5,370	940	13,600	9,230	271	6,800
9	5,050	927	12,700	8,900	191	4,590
10	4,720	566	7,260	9,210	185	4,620
11	5,230	478	6,750	9,470	263	6,750
12	6,360	666	11,500	8,510	152	3,500
13	7,470	944	19,100	7,730	140	2,930
14	7,720	897	18,800	7,550	201	4,090
15	8,810	1,020	24,300	8,430	236	5,430
16	10,100	1,740	47,200	9,570	378	9,760
17	10,900	1,350	39,500	11,300	885	27,200
18	10,300	851	23,700	12,100	570	18,600
19	11,000	678	20,200	12,500	904	30,400
20	10,500	636	18,200	14,000	1,420	53,900
21	8,640	394	9,240	15,000	906	36,600
22	7,440	286	5,760	15,800	1,600	68,600
23	7,260	247	4,830	16,800	1,800	82,000
24	8,000	284	6,180	18,200	1,050	51,800
25	9,760	469	12,500	18,400	1,390	69,400
26	10,900	840	24,700	17,300	1,230	58,600
27	10,100	503	13,800	15,900	962	41,400
28	9,340	408	10,300	15,800	1,030	44,000
29	10,000	329	8,920	15,500	475	19,800
30	10,600	438	12,500	14,400	300	11,700
31				12,800	224	7,770
Month	220,000	587	389,000	373,000	617	732,000

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–6. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2006.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
		June			July	
1	11,200	292	8,910	2,270	--	e259
2	10,400	230	6,430	2,230	26	158
3	9,820	480	12,600	2,160	--	e156
4	9,610	268	6,970	2,110	28	157
5	9,530	164	4,220	2,050	--	e153
6	9,400	152	3,860	1,990	28	152
7	9,480	177	4,540	2,060	--	e175
8	9,570	179	4,620	2,010	34	186
9	9,310	149	3,760	1,970	--	e149
10	9,010	141	3,420	1,980	21	115
11	e9310	--	e5,970	2,010	22	122
12	e9010	--	e4,400	2,340	51	326
13	e8390	--	e4,380	2,250	46	278
14	e7740	--	e4,140	2,090	37	207
15	e7100	--	e3,980	1,950	--	e169
16	e6560	--	e2,470	1,770	31	146
17	e6100	--	e2,030	1,630	--	e135
18	e5600	--	e1,550	1,540	28	115
19	e5080	--	e1,120	1,400	20	74
20	e4620	--	e1,370	1,330	--	e78
21	e4270	--	e1,510	1,340	25	92
22	e3940	--	e905	1,300	--	e71
23	e3670	--	e479	1,290	17	60
24	e3410	--	e427	1,240	--	e57
25	e3160	--	e387	1,260	17	57
26	e2930	--	e513	1,230	--	e57
27	e2700	--	e548	1,160	19	58
28	e2490	--	e237	1,140	--	e65
29	2,500	46	312	1,130	20	62
30	2,380	60	388	1,160	16	51
31				1,140	17	53
Month	198,000	148	96,500	52,500	26	3,990

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–6. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2006.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	August			September		
1	1,130	13	40	1,070	43	126
2	1,100	20	60	1,050	38	107
3	1,130	--	e61	1,050	--	e94
4	1,110	16	49	1,010	29	78
5	e1130	--	e133	980	--	e67
6	e1200	--	e188	963	23	59
7	1,190	180	585	955	--	e61
8	1,140	52	160	969	27	72
9	1,090	--	e108	1,010	--	e74
10	1,070	25	72	1,010	25	69
11	1,080	--	e63	982	--	e57
12	1,090	26	76	978	107	283
13	1,070	--	e66	1,050	49	139
14	1,060	19	55	977	27	71
15	1,030	29	82	1,200	159	659
16	1,070	338	979	1,400	3,000	11,700
17	1,040	114	321	1,370	163	595
18	1,010	55	150	1,520	3,490	14,300
19	1,010	37	101	1,860	2,030	10,200
20	1,010	--	e98	1,830	4,560	23,000
21	1,000	32	86	1,840	4,360	21,900
22	985	--	e58	1,530	3,240	13,400
23	1,010	--	e62	1,460	2,020	7,990
24	1,010	--	e65	1,450	268	1,040
25	1,000	26	69	1,570	154	656
26	1,020	--	e84	1,620	152	665
27	987	258	686	1,590	159	684
28	1,020	65	177	1,520	--	e549
29	1,080	--	e137	1,470	103	409
30	1,000	--	e126	1,460	--	e366
31	1,030	--	e130			
Month	32,900	58	5,130	38,700	820	109,000

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–7. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2007.[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	October			November		
1	1,480	91	260	2,020	812	4,430
2	1,480	--	e409	1,980	1,040	5,550
3	1,530	112	463	1,920	716	3,700
4	1,530	--	e418	1,820	474	2,330
5	1,500	87	355	1,710	271	1,260
6	1,570	106	457	1,660	142	639
7	2,060	684	3,830	1,660	100	451
8	e4,400	--	e2,240	1,680	--	e439
9	4,300	--	e4,310	1,660	--	e435
10	3,850	--	e6,290	1,650	--	e432
11	3,300	--	e13,900	1,620	--	e427
12	2,950	--	e26,800	1,640	--	e431
13	2,700	--	e9,400	1,720	--	e888
14	2,580	--	e8,080	1,740	--	e1,890
15	2,500	--	e10,400	1,700	--	e751
16	3,200	--	e8,570	1,670	--	e434
17	3,680	--	e3,260	1,590	--	e276
18	4,000	--	e1,910	1,580	--	e205
19	3,400	--	e1,710	1,590	--	e193
20	2,900	--	e2,230	1,600	--	e181
21	2,500	--	e1,900	1,670	--	e176
22	2,300	--	e1,820	1,690	40	181
23	2,080	--	e1,740	--	--	--
24	2,100	332	1,870	--	--	--
25	2,030	1,270	6,950	--	--	--
26	2,030	1,070	5,880	--	--	--
27	1,980	416	2,230	--	--	--
28	1,990	272	1,460	--	--	--
29	2,040	357	1,970	--	--	--
30	2,040	487	2,690	--	--	--
31	2,020	706	3,850			
Month	31,200	394	35,700	49,900	197	28,700

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–7. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2007.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	February			March		
1	--	--	--	--	--	--
2	--	--	--	--	--	--
3	--	--	--	--	--	--
4	--	--	--	--	--	--
5	--	--	--	--	--	--
6	--	--	--	--	--	--
7	--	--	--	--	--	--
8	--	--	--	--	--	--
9	--	--	--	--	--	--
10	--	--	--	--	--	--
11	--	--	--	--	--	--
12	--	--	--	--	--	--
13	--	--	--	--	--	--
14	--	--	--	3,740	1,440	14,700
15	--	--	--	4,050	1,520	16,600
16	--	--	--	4,460	1,480	17,800
17	--	--	--	4,130	--	e14,700
18	--	--	--	3,700	1,030	10,300
19	--	--	--	3,380	749	6,830
20	--	--	--	3,740	487	4,900
21	--	--	--	4,370	601	7,110
22	--	--	--	4,500	729	8,850
23	--	--	--	4,750	684	8,800
24	--	--	--	4,570	600	7,420
25	--	--	--	4,440	471	5,660
26	--	--	--	4,450	364	4,380
27	--	--	--	4,160	353	3,970
28	--	--	--	4,640	403	5,050
29				5,090	543	7,470
30				5,860	730	11,600
31				5,260	649	9,350
Month	--	--	--	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–7. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2007.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	April			May		
1	4,440	434	5,210	6,010	489	8,150
2	4,100	--	e4,080	7,450	1,800	36,200
3	4,110	288	3,190	8,180	1,520	33,500
4	4,080	612	6,890	8,220	993	22,100
5	4,550	999	12,300	8,450	726	16,600
6	4,350	710	8,380	8,360	555	12,600
7	4,120	373	4,140	7,550	389	7,950
8	4,480	288	3,480	6,700	287	5,210
9	4,700	321	4,080	5,820	248	3,900
10	4,660	314	3,950	5,370	--	e3,230
11	4,520	286	3,490	5,350	--	e3,060
12	4,510	208	2,540	5,670	212	3,250
13	4,320	182	2,120	6,480	262	4,610
14	3,830	158	1,630	9,180	540	13,600
15	3,590	--	e1,230	11,200	1,030	31,100
16	3,410	112	1,040	12,400	808	27,000
17	3,340	105	946	12,500	871	29,500
18	3,760	135	1,370	12,200	519	17,100
19	4,310	185	2,150	11,800	454	14,500
20	4,410	215	2,550	11,600	340	10,700
21	4,530	271	3,320	11,400	453	13,900
22	4,620	335	4,170	11,100	355	10,700
23	4,530	257	3,140	10,700	222	6,440
24	4,580	223	2,760	10,100	172	4,710
25	4,530	220	2,690	8,930	175	4,220
26	4,890	184	2,430	7,650	149	3,080
27	4,640	167	2,090	6,570	111	1,980
28	4,340	137	1,610	6,020	91	1,480
29	4,330	124	1,450	5,750	92	1,420
30	4,780	160	2,080	5,660	106	1,610
31				5,920	105	1,690
Month	129,000	283	101,000	260,000	468	355,000

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–7. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2007.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
		June			July	
1	5,430	--	e1,370	2,030	18	100
2	4,970	91	1,220	1,910	--	e107
3	4,720	100	1,270	1,840	25	126
4	4,790	--	e1,290	1,710	--	e112
5	4,880	95	1,250	1,640	24	108
6	4,790	--	e1,010	1,560	51	228
7	4,670	71	901	1,470	--	e100
8	5,080	76	1,040	1,390	26	97
9	4,750	--	e869	1,310	18	64
10	4,450	57	692	1,300	--	e69
11	4,410	--	e653	1,270	24	83
12	4,240	56	635	1,200	14	47
13	4,110	57	629	1,180	--	e51
14	4,220	--	e775	1,150	20	63
15	4,520	75	921	1,110	14	42
16	4,210	--	e724	1,110	--	e44
17	4,000	65	696	1,110	20	59
18	3,910	85	900	1,110	--	e47
19	3,810	--	e860	1,080	11	33
20	3,680	74	736	1,070	--	e30
21	3,390	--	e514	1,050	--	e31
22	3,110	44	369	1,150	--	e34
23	2,970	39	317	1,140	--	e37
24	2,820	--	e318	1,140	--	e37
25	2,660	45	326	1,130	--	e30
26	e2,670	--	e271	1,120	--	e45
27	e2,480	--	e196	1,130	--	e70
28	2,320	--	e163	1,130	190	573
29	2,190	25	146	1,110	68	201
30	2,120	--	e124	1,110	226	681
31	--	--	--	1,150	210	657
Month	116,000	63	21,200	33,200	45	3,800

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–7. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2007.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	August			September		
1	1,140	59	181	1,010	57	154
2	1,150	--	e127	1,010	--	e108
3	1,150	27	85	1,020	34	93
4	1,120	24	73	1,010	--	e86
5	1,130	25	76	1,000	64	174
6	1,100	141	418	1,180	118	375
7	1,080	277	812	1,110	447	1,340
8	1,120	72	215	1,170	723	2,260
9	1,160	--	e141	1,130	1,160	3,580
10	1,130	38	118	1,110	213	639
11	1,130	40	122	1,140	131	406
12	1,110	39	116	1,160	110	343
13	1,100	--	e108	1,130	120	366
14	1,070	32	93	1,090	430	1,260
15	1,020	25	69	1,060	456	1,310
16	1,000	21	57	1,060	148	421
17	1,020	--	e73	1,040	98	276
18	999	34	91	1,050	78	220
19	1,030	82	228	1,260	104	355
20	1,010	47	128	1,370	107	400
21	978	--	e114	1,470	175	706
22	965	40	104	1,400	234	892
23	950	30	77	1,400	863	3,280
24	974	--	e66	1,370	217	805
25	1,040	--	e71	1,450	278	1,080
26	990	79	212	1,370	2,020	7,510
27	988	92	246	1,220	785	2,590
28	981	51	136	1,300	447	1,550
29	974	26	69	1,430	308	1,190
30	1,010	26	71	1,410	1,150	4,330
31	1,010	35	95			
Month	32,600	52	4,590	35,900	372	38,100

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–8. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09261000, Green River near Jensen, Utah, water year 2008.[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	October			November		
1	1,370	1,180	4,340	--	--	--
2	1,340	560	2,030	--	--	--
3	1,310	204	722	--	--	--
4	1,350	171	625	--	--	--
5	1,520	3,430	14,900	--	--	--
6	1,810	1,350	6,520	--	--	--
7	1,790	321	1,560	--	--	--
8	1,790	219	1,060	--	--	--
9	1,750	358	1,690	--	--	--
10	1,690	217	991	--	--	--
11	1,620	147	644	--	--	--
12	1,540	117	489	--	--	--
13	1,530	--	e475	--	--	--
14	1,500	114	463	--	--	--
15	1,490	84	339	--	--	--
16	1,470	71	284	--	--	--
17	1,460	77	302	--	--	--
18	--	--	--	--	--	--
19	--	--	--	--	--	--
20	--	--	--	--	--	--
21	--	--	--	--	--	--
22	--	--	--	--	--	--
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	--	--	--
26	--	--	--	--	--	--
27	--	--	--	--	--	--
28	--	--	--	--	--	--
29	--	--	--	--	--	--
30	--	--	--	--	--	--
31	--	--	--			
Month	--	--	--	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–9. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09302000, Duchesne River near Randlett, Utah, water year 2006.[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	April			May		
1	--	--	--	270	--	e52
2	--	--	--	278	--	e62
3	--	--	--	322	147	128
4	--	--	--	405	--	e197
5	--	--	--	449	151	183
6	--	--	--	344	--	e93
7	--	--	--	309	--	e69
8	--	--	--	277	--	e49
9	--	--	--	278	61	46
10	--	--	--	289	--	e59
11	--	--	--	289	79	62
12	--	--	--	296	--	e66
13	--	--	--	260	--	e51
14	--	--	--	393	127	141
15	--	--	--	564	182	279
16	--	--	--	712	254	494
17	--	--	--	881	335	808
18	--	--	--	883	281	674
19	--	--	--	949	245	633
20	--	--	--	1,320	331	1,200
21	376	--	e78	1,640	436	1,970
22	383	--	e87	1,680	444	2,010
23	386	88	91	1,550	224	941
24	404	--	e102	1,100	196	581
25	394	81	87	867	138	328
26	327	--	e62	965	151	410
27	258	--	e43	1,360	272	1,010
28	240	--	e38	906	177	454
29	270	--	e46	542	212	313
30	271	62	45	461	101	126
31	--	--	--	490	107	142
Month	--	--	--	21,329	211	12,933

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–9. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09302000, Duchesne River near Randlett, Utah, water year 2006.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
		June			July	
1	546	119	176	61	--	e6
2	614	135	224	58	--	e5
3	752	166	337	60	--	e6
4	827	155	347	65	--	e6
5	826	120	273	54	--	e5
6	1,240	228	781	66	--	e9
7	1,340	248	907	77	87	18
8	1,340	199	749	102	--	e24
9	1,680	202	930	101	--	e26
10	2,000	315	1,840	105	90	25
11	2,390	570	3,730	97	--	e19
12	1,660	381	1,740	78	--	e15
13	1,300	236	850	67	70	13
14	1,080	145	432	52	--	e9
15	894	103	255	55	--	e10
16	642	93	161	50	87	12
17	442	80	97	47	--	e10
18	302	58	48	35	--	e5
19	233	42	26	--	--	--
20	170	53	24	--	--	--
21	134	--	e18	--	--	--
22	122	--	e19	--	--	--
23	136	107	41	--	--	--
24	99	--	e17	--	--	--
25	79	--	e9	--	--	--
26	92	--	e9	--	--	--
27	90	--	e10	--	--	--
28	103	48	14	--	--	--
29	79	--	e10	--	--	--
30	73	47	9.1	--	--	--
31				--	--	--
Month	21,285	167	14,083	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–10. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09302000, Duchesne River near Randlett, Utah, water year 2007.[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	April			May		
1	--	--	--	44	186	22
2	--	--	--	52	254	36
3	--	--	--	62	215	37
4	--	--	--	81	266	58
5	--	--	--	121	285	98
6	85	130	30	150	380	155
7	83	158	36	144	273	106
8	129	180	64	126	260	89
9	206	257	145	100	202	54
10	274	386	291	93	216	54
11	336	430	390	97	223	58
12	282	287	221	86	287	68
13	234	254	165	130	488	176
14	182	195	97	136	559	209
15	154	205	85	121	595	196
16	154	215	89	92	524	130
17	160	253	110	86	523	122
18	160	272	120	108	562	165
19	143	195	76	106	491	141
20	140	210	79	97	475	125
21	117	211	67	76	533	110
22	78	196	42	70	508	97
23	54	162	24	77	422	88
24	75	287	64	90	423	104
25	74	235	47	102	478	132
26	61	246	40	84	431	98
27	55	207	30	74	420	84
28	45	208	25	75	392	80
29	59	307	51	74	385	77
30	66	272	50	70	351	66
31				76	326	67
Month	--	--	--	2,900	385	3,102

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–10. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09302000, Duchesne River near Randlett, Utah, water year 2007.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
		June			July	
1	75	245	50	--	--	--
2	68	195	36	--	--	--
3	73	191	38	--	--	--
4	80	196	43	--	--	--
5	88	261	62	--	--	--
6	72	235	46	--	--	--
7	83	209	47	--	--	--
8	105	263	75	--	--	--
9	97	299	78	--	--	--
10	79	237	51	--	--	--
11	59	162	26	--	--	--
12	52	173	25	--	--	--
13	75	338	68	--	--	--
14	59	244	39	--	--	--
15	50	233	32	--	--	--
16	53	246	36	--	--	--
17	41	311	34	--	--	--
18	32	246	21	--	--	--
19	26	219	15	--	--	--
20	23	223	14	--	--	--
21	24	261	17	--	--	--
22	--	--	--	--	--	--
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	--	--	--
26	--	--	--	--	--	--
27	--	--	--	--	--	--
28	--	--	--	--	--	--
29	--	--	--	--	--	--
30	--	--	--	--	--	--
31	--	--	--	--	--	--
Month	--	--	--	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–10. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09302000, Duchesne River near Randlett, Utah, water year 2008. -----[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft³/s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
	April			May		
1	--	--	--	47	40	5.1
2	--	--	--	47	40	5.1
3	--	--	--	58	42	6.6
4	--	--	--	57	53	8.0
5	--	--	--	45	71	8.6
6	--	--	--	41	60	6.9
7	--	--	--	56	91	14
8	--	--	--	60	75	13
9	--	--	--	61	99	16
10	--	--	--	68	85	16
11	307	53	44	80	99	22
12	301	50	41	67	75	14
13	292	42	33	80	94	21
14	297	57	46	83	53	12
15	298	91	73	73	92	18
16	306	82	68	75	99	20
17	304	55	45	85	313	73
18	278	60	45	73	337	67
19	285	77	59	152	229	116
20	284	89	69	312	262	269
21	257	67	47	456	288	429
22	220	70	42	375	186	191
23	200	59	32	302	162	133
24	172	49	23	275	258	194
25	153	40	17	221	226	135
26	145	49	19	200	193	104
27	133	41	15	195	190	100
28	116	43	13	167	210	94
29	83	36	8.1	130	259	91
30	60	49	8.0	107	251	73
31				98	272	72
Month	--	--	--	4,145	155	2,347

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

Table 2–10. Streamflow, suspended-sediment concentration, and suspended-sediment load for 09302000, Duchesne River near Randlett, Utah, water year 2008.—Continued[ft³/s, cubic feet per second; mg/L, milligrams per liter; --, no data; e, estimated]

Day	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)	Daily-mean streamflow (ft ³ /s)	Suspended- sediment concentration (mg/L)	Suspended- sediment load* (tons)
		June			July	
1	108	284	83	76	243	50
2	103	284	79	68	337	61
3	123	207	70	70	318	61
4	132	187	73	95	297	76
5	322	316	273	78	257	55
6	307	253	210	84	243	55
7	254	190	130	102	201	56
8	276	274	205	91	157	39
9	232	269	169	84	142	32
10	212	264	150	62	125	21
11	162	258	113	52	175	25
12	158	302	130	43	126	15
13	180	273	135	43	115	14
14	163	220	97	43	67	7.8
15	146	174	69	--	--	--
16	206	147	85	--	--	--
17	328	193	184	--	--	--
18	279	144	110	--	--	--
19	270	156	116	--	--	--
20	271	226	168	--	--	--
21	201	213	116	--	--	--
22	254	140	90	--	--	--
23	295	238	197	--	--	--
24	431	144	176	--	--	--
25	483	146	194	--	--	--
26	444	138	164	--	--	--
27	381	197	205	--	--	--
28	207	186	104	--	--	--
29	144	247	96	--	--	--
30	117	258	83	--	--	--
31				--	--	--
Month	7,189	218	4,074	--	--	--

* Note: Suspended-sediment loads are computed using the mid-interval method based on subdivided days; therefore, load values are not equal to the product of the daily-mean streamflows and daily-mean suspended-sediment concentrations.

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