

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FIELD DATA DESCRIBING THE MOVEMENT AND STORAGE OF SEDIMENT
IN THE EAST FORK RIVER, WYOMING

Part IV. Bed Elevations, 1980

By Robert H. Meade, Robert M. Myrick, and William W. Emmett

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ABSTRACT

Bed elevations were measured every 1 to 5 days during 10 consecutive weeks, which included the peak snowmelt runoff, at 43 cross sections along a 1.83-kilometer reach of the East Fork River, Wyoming. Considerable scour and fill were recorded at many of the cross sections.

INTRODUCTION

For more than a decade, the East Fork River in western Wyoming has been a field laboratory for the study of bedload-sediment transport. Previous studies in the East Fork River and its principal tributary, Muddy Creek, have been conducted by Andrews (1979a, 1979b, 1981), Dietrich and others (1979), Emmett (1980), Leopold and Emmett (1976, 1977), Lisle (1979), and Mahoney and others (1976). Data collected from the East Fork have been used in theoretical and modeling studies by Bagnold (1977, 1980) and Bennett and Nordin (1977).

During 1979, we intensified our program to provide more definitive field data on bedload transport in a stream where the spatial distribution of transportable material on the streambed was not uniform. Data for the 1979 field season have been published as parts I and II of this series of reports (Emmett and others, 1980; Meade and others, 1980), and two interpretive reports have been prepared so far (Emmett, 1981; Meade and others, 1981).

This is the second of two reports that tabulate the field data collected during and after the snowmelt runoff season of 1980 in a 1.83-km (kilometer) reach of the East Fork River, Wyoming. Characteristics of the study reach and of the drainage basin upstream are summarized by Andrews (1979b), Emmett and others (1980), and Mahoney and others (1976). This report tabulates the river-bed elevations that were measured and the types of bed material that were observed in cross sections in the reach over a period of several months. The other report in the 1980 series (Emmett and others, 1982) contains data on river stage, river discharge, river slope, bed-material particle size, and sediment-transport rates.

CROSS SECTIONS

Cross sections were placed a mean centerline distance of 43 m (meters) apart (most sections were 35 to 55 m apart) at a total of 42 locations on the main stem of the study reach (fig. 1). One additional cross section was placed on a chute channel that cuts across the crest of the bend about 1400 m upriver of the bedload trap. Each section was marked by a cable that was stretched across the river between guyed fence posts on a line approximately orthogonal to the river banks. Each cable was marked with metal beads 1 m apart to show the horizontal distance from an arbitrary zero point on the left bank. The zero point was marked by a 1.5-m metal stake driven into the ground until only 0.1 to 0.2 m protruded.

One to two meters upriver of each cross section, we installed a staff gage near each bank. The datums of the staff gages were referenced to an established benchmark and National Geodetic Vertical Datum of 1929 (NGVD) by leveling surveys that were made both before and after we collected most of the data on bed elevation.

Twenty-two of the cross sections used during 1980 were the same as those used for the 1979 study (Meade and others, 1980). Four of them correspond to sections used earlier for the 1975 study (Mahoney and others, 1976).

MEASUREMENT OF BED ELEVATION

Bed elevations at 1-m intervals across the river in the 43 cross sections on successive days are listed in tables 1 through 45. Bed elevations were calculated from measurements of water-surface elevation and river depth that we made from small boats (when the river was high) or by wading the river (when it was low). At the sections we measured on a given day, we recorded the gage readings (usually to the nearest 0.005 m) and the local time (Mountain Daylight). At every 1.0-m horizontal distance across the wetted channel from the zero stake, we measured the depth of water with either a wading rod or the handle of a Helley-Smith bedload sampler. Our wading rods and sampler handles were marked every 0.1 m, and we estimated the depth to the nearest 0.01 m. From the gage readings at each bank, we calculated the elevation of the water surface above NGVD. The water surface was assumed to be a straight line across the channel between the staff gages. If the water-surface elevation on one bank differed from that on the other bank, a prorated water-surface elevation was calculated for each 1.0-m increment across the channel. By subtracting the depth measurements from the elevation of the water surface, we calculated the bed elevations.

Sources of Error

In most instances, the bed elevations listed in tables 1 through 45 are probably accurate to 0.02 or 0.03 m. The leveling established the

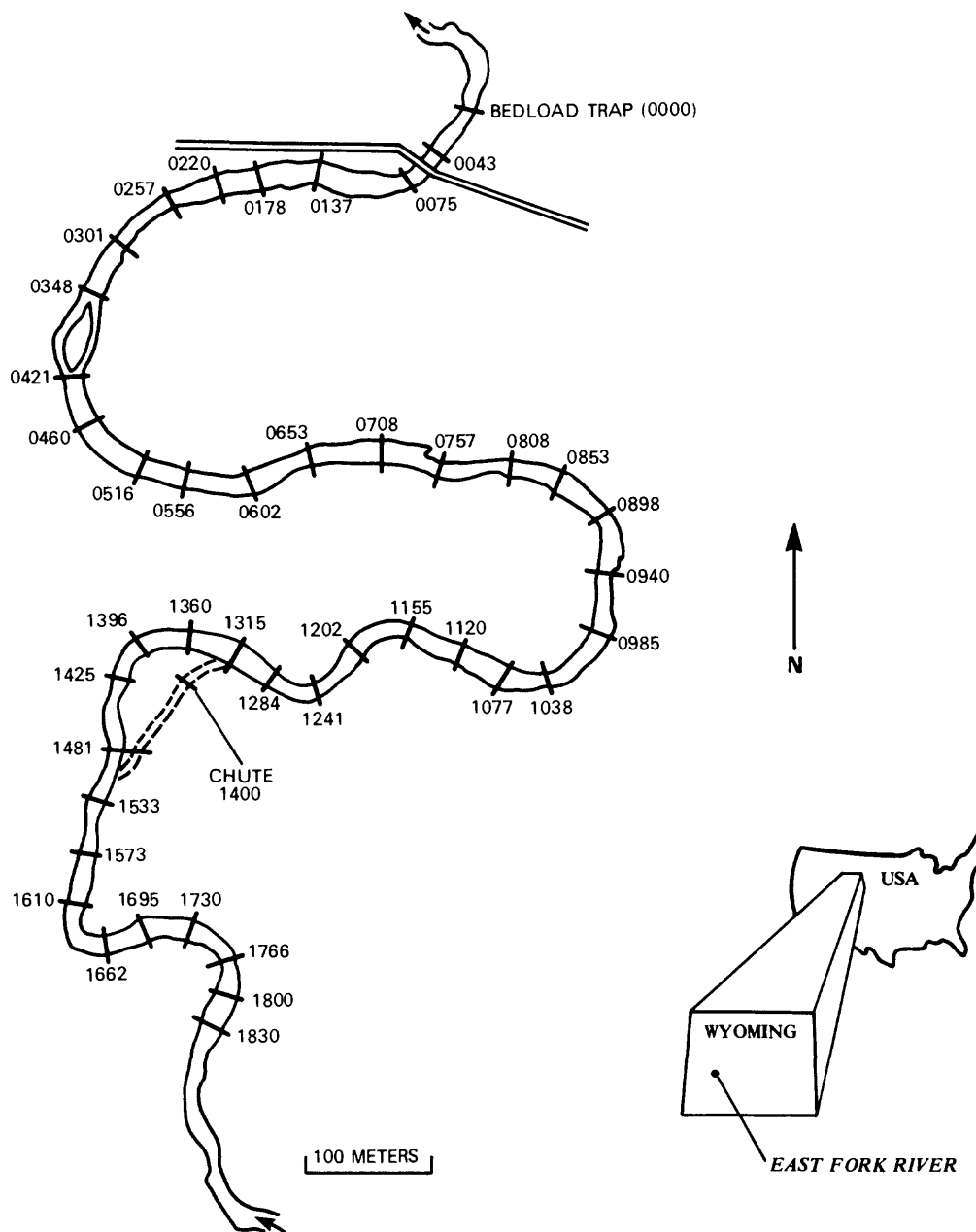


Figure 1.--Locations of cross sections along the 1.83-kilometer study reach. Cross-section numbers correspond to centerline distance, in meters, upriver from the bedload trap.

gage datums (elevations above NGVD) to a probable accuracy of ± 0.005 m. Gages usually could be read to the nearest 0.005 m--to 0.01 m at the very highest stages, and to 0.002 m at low stages. After a gage reading had been added to its gage datum, the resulting water-surface elevation was rounded to the nearest 0.01 m before the depths were subtracted to obtain bed elevations. The depth measurements themselves are accurate only within about 0.02 m, primarily because of errors of interpolation.

Some apparently spurious fluctuations in bed elevation are recorded in the tables. Sudden changes or large fluctuations in apparent bed elevation at the edges of banks are not to be taken as actual. At places such as horizontal distances 1 m in cross section 0940 (table 20) and 21 m in cross section 1241 (table 27), the measuring points were exactly at the edge of a vertical bank. Where one observer might have measured the depth to the top of the bank, the next day's observer might have measured it to the bottom of the bank. In other places (for example, horizontal distance 24 m in cross section 1766, table 40), the bank caved into the channel during the course of the 1980 runoff season. The designation BM (bank material) at such stations may help the reader determine a reason for seemingly erratic fluctuations in reported bed elevation.

A similar problem shows up at two sections (distances 26-31 at section 1077 and 1-6 at section 1662, tables 23 and 37), where part of the bed material is hummocky grass. One observer might have set his wading rod on top of a hummock, while the next observer might have measured the depth of the hole next to the hummock.

During 1980 we were able to take into account the superelevation of the water surface at cross sections on river bends that we were unable to measure during 1979 (Meade and others, 1980, p. 4). Whereas we placed only one staff gage at each cross section in 1979, we placed two at each section (one near each bank) in 1980. From the two gages at each section we were able to measure the superelevation, which commonly was as great as 0.05 m in sections across the crests of bends. The cross-channel slope in water surface was used to compute the bed elevations.

Mean Bed Elevations

Mean bed elevation at each cross section for each day of measurement during the 1980 season are listed in table 46. The mean was computed using only the elevations within the width of the active channel bed. We defined the active width as the part of the channel between the banks whose bed elevations were not subject to the spurious fluctuations described earlier. For computing the changes in cross-sectional area of the bed material, we rounded the width of the active bed to the nearest 0.5 m. The horizontal stations included in the computation of the means are given near the head of each column in table 46. The elevations of the first and last stations at each section were given only half weight when the means were computed.

Changes in Cross-Sectional Area of Bed Material

Changes in the cross-sectional areas of the bed material relative to the cross-sectional area on the first day of measurement are listed in table 47. The area of bed material above an arbitrary datum below the stream bed at each cross section was obtained by multiplying the mean bed elevation (table 46) by the active width of the channel bed (given near the top of each column in table 47). From these cross-sectional areas we computed the changes shown in table 47. The changes, which are expressed in square meters of cross-sectional area, can be visualized as volumes of bed material if the units are converted to cubic meters per meter of channel length. Considering the possible sources of error involved in collecting the data and computing the numbers, the changes in cross-sectional area shown in table 47 probably are no more accurate than ± 0.2 square meter.

Changes in the cross-sectional areas of bed material at the 42 mainstem sections during the 1980 runoff season, as listed in table 47, are shown in figures 2-8. Also shown in figures 2-8 are the changes in cross-sectional areas recorded during 1979 at the 22 cross sections where measurements were repeated during 1980 (data listed by Meade and others, 1980, table 42). Graphs at the top of each figure show the water discharges recorded at the bedload trap at noon of each day of the runoff seasons of 1979 and 1980. Discharge data are listed by Emmett and others (1980, table 6; 1982, table 5).

The graphs of cross-sectional area in figures 5 through 7 show dashed lines between May 21 and 26, 1980, to indicate a 4-day gap in measurements of bed elevation at cross sections 0043 through 0985 during a period of rapidly changing water discharge. The dashed lines are merely straight lines connecting the values measured on May 21 and 26. They do not contain any added estimate or interpretation of what the actual values may have been on May 22 through 25.

DESIGNATION OF BED MATERIAL

The type of bed material, also reported in tables 1-45, was determined visually during low water, and by probing with a metal wading rod during high water. Much of the apparent variation in the bed material recorded in the tables reflects only the differences between observers, and the subjectivity involved in identifying bed material by probing through murky water with a rod. What one observer calls sand and gravel (SG), another might call coarse sand (CS) or fine gravel (FG). Therefore, the designations of bed material given in tables 1-45 are qualitative and somewhat subjective. More quantitative data on the particle-size distribution of bed material are given in Part I of this series of reports (Emmett and others, 1980).

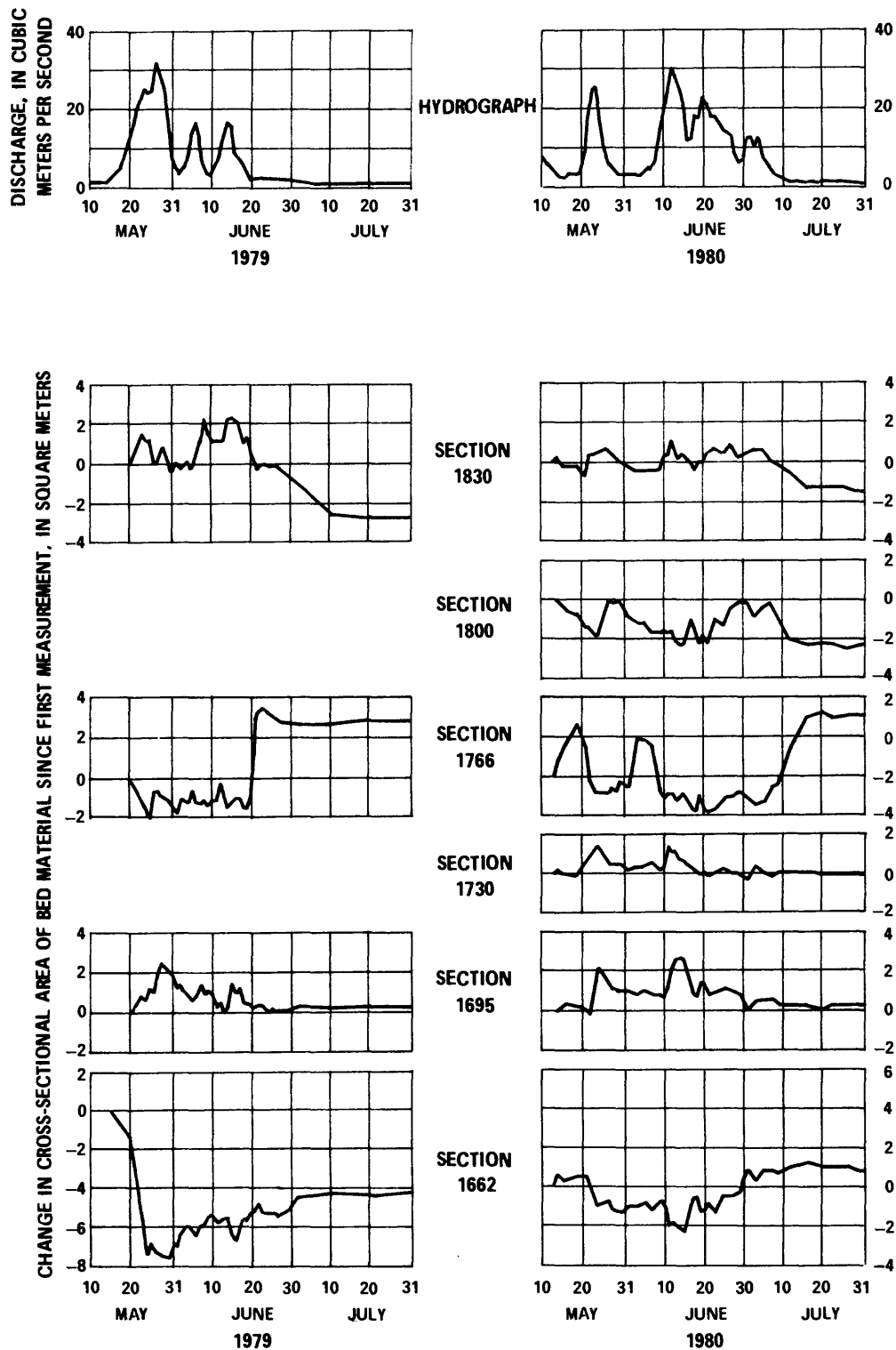


Figure 2.--Water discharge at the bedload trap (section 0000), and changes in cross-sectional area of bed material at sections 1830 through 1662 during runoff seasons of 1979 and 1980.

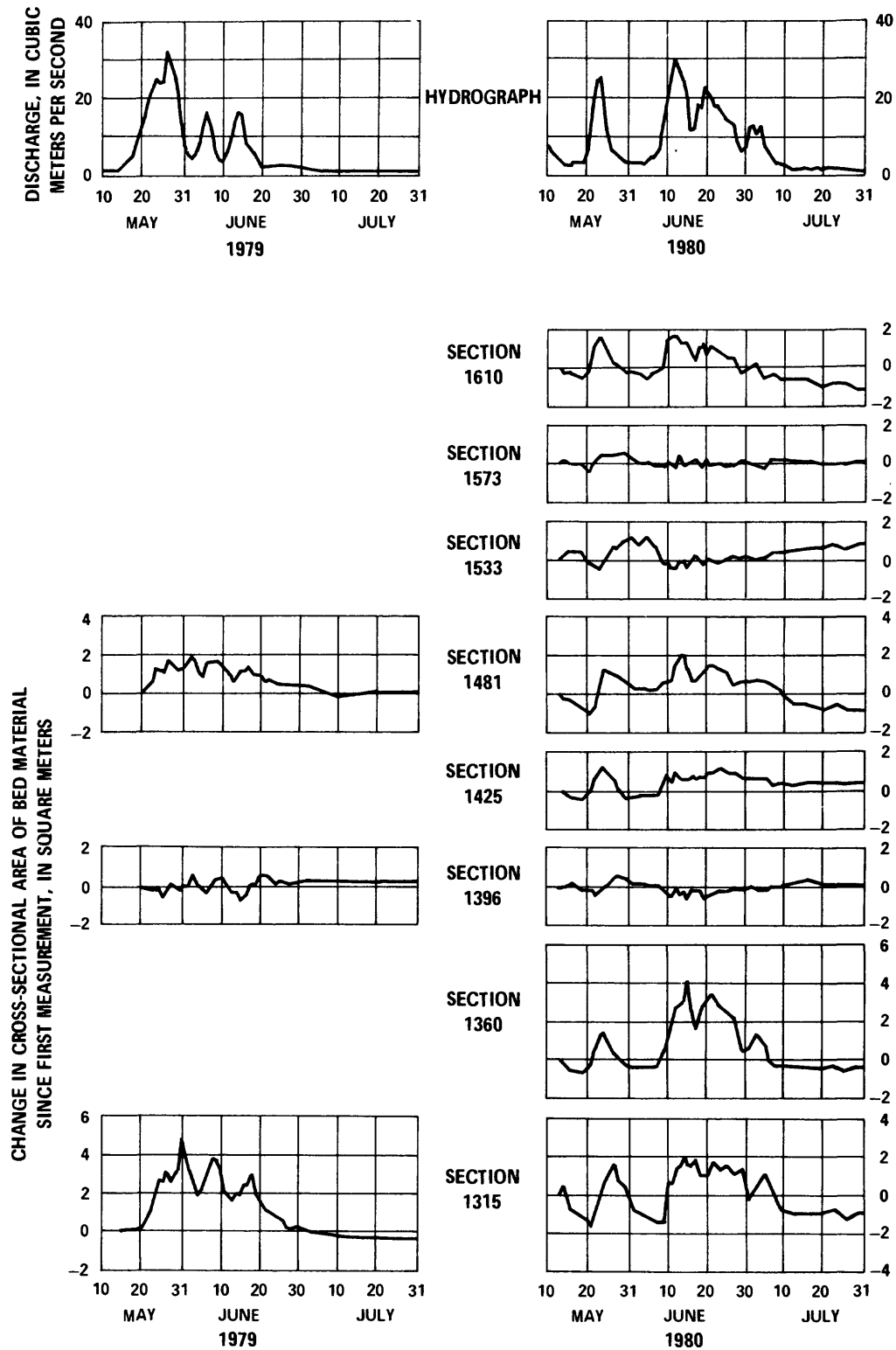


Figure 3.--Water discharge at the bedload trap (section 0000), and changes in cross-sectional area of bed material at sections 1610 through 1315 during runoff seasons of 1979 and 1980.

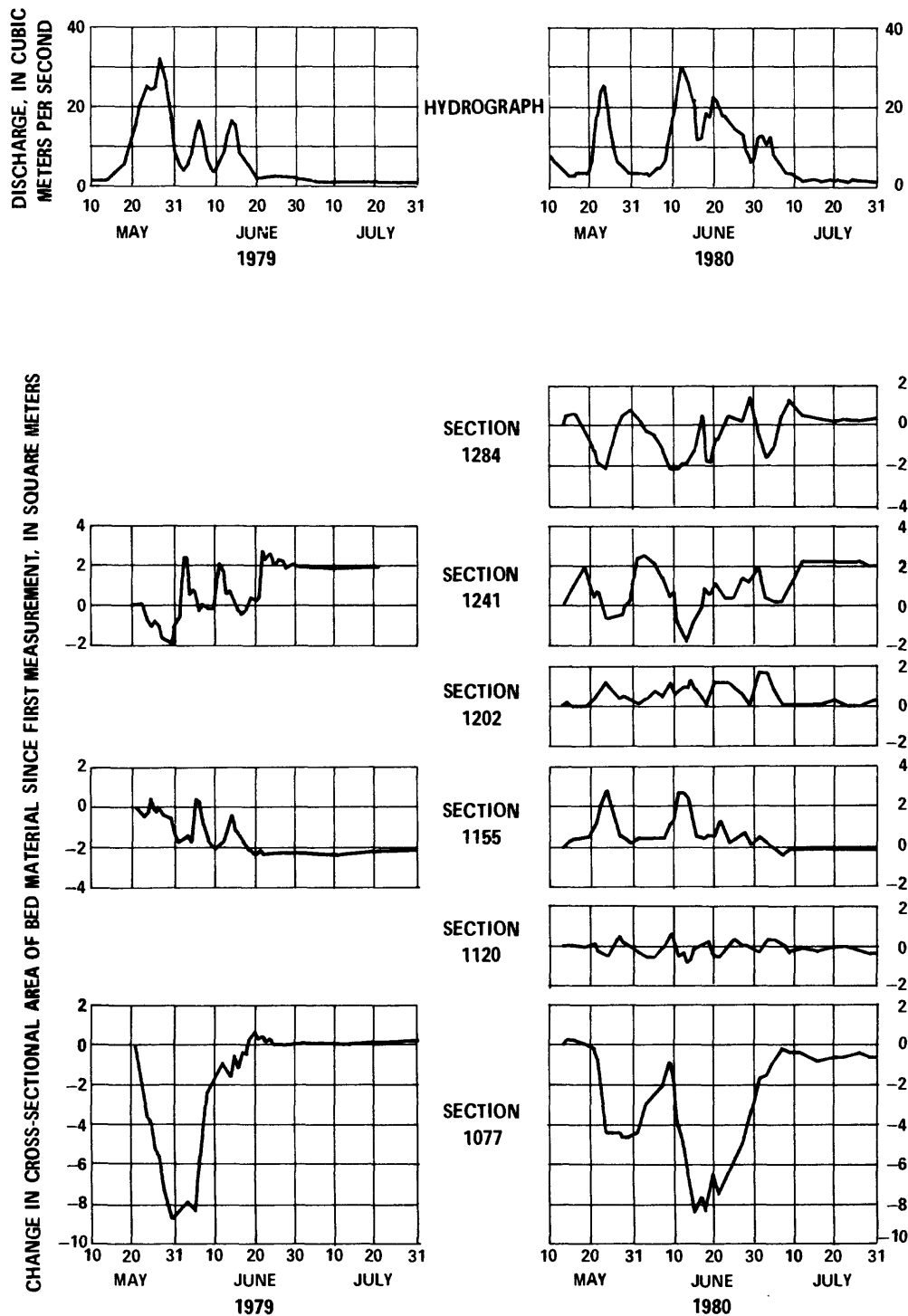


Figure 4.--Water discharge at the bedload trap (section 0000), and changes in cross-sectional area of bed material at sections 1284 through 1077 during runoff seasons of 1979 and 1980.

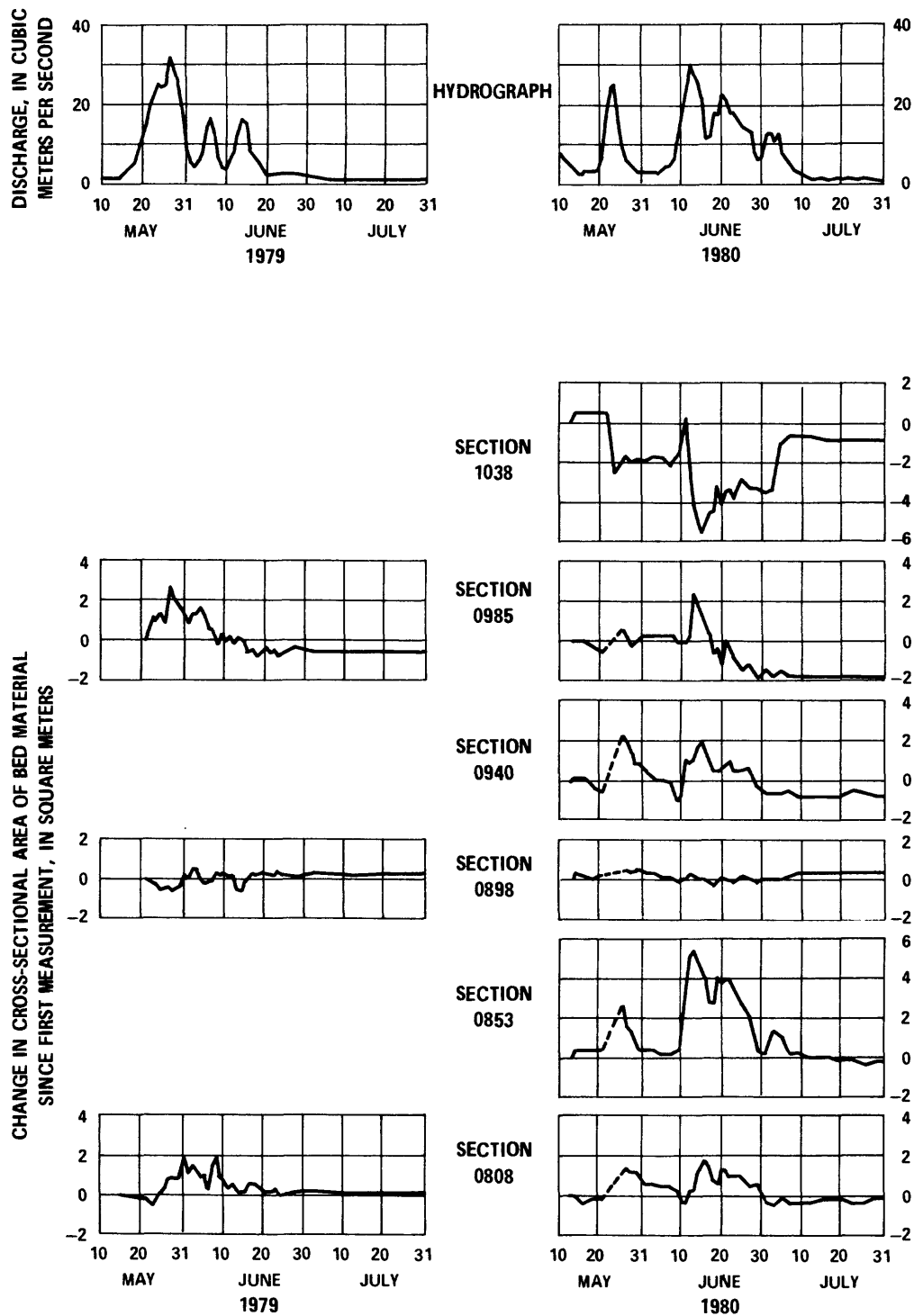


Figure 5.--Water discharge at the bedload trap (section 0000), and changes in cross-sectional area of bed material at sections 1038 through 0808 during runoff seasons of 1979 and 1980.

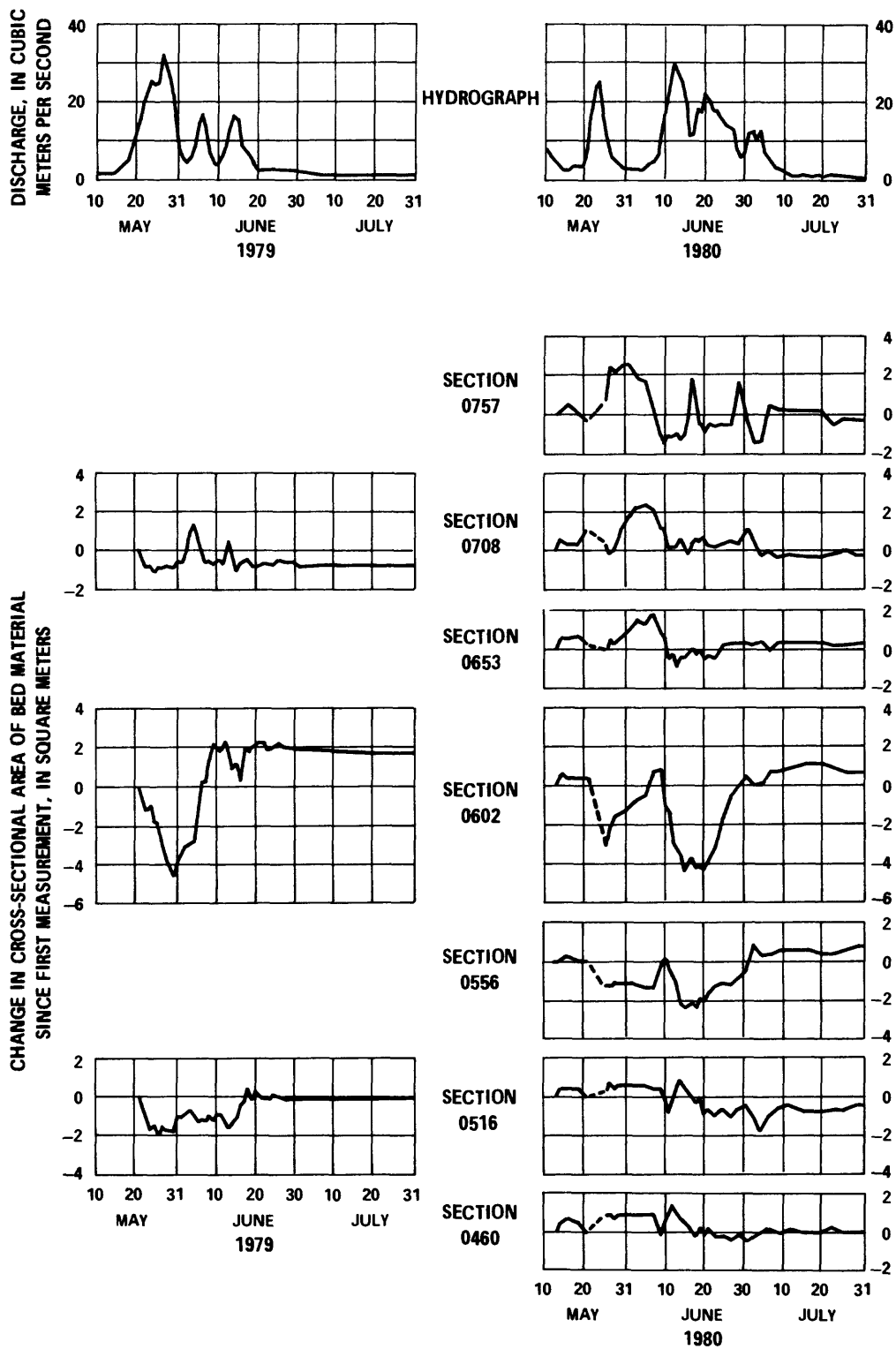


Figure 6.--Water discharge at the bedload trap (section 0000), and changes in cross-sectional area of bed material at sections 0757 through 0460 during runoff seasons of 1979 and 1980.

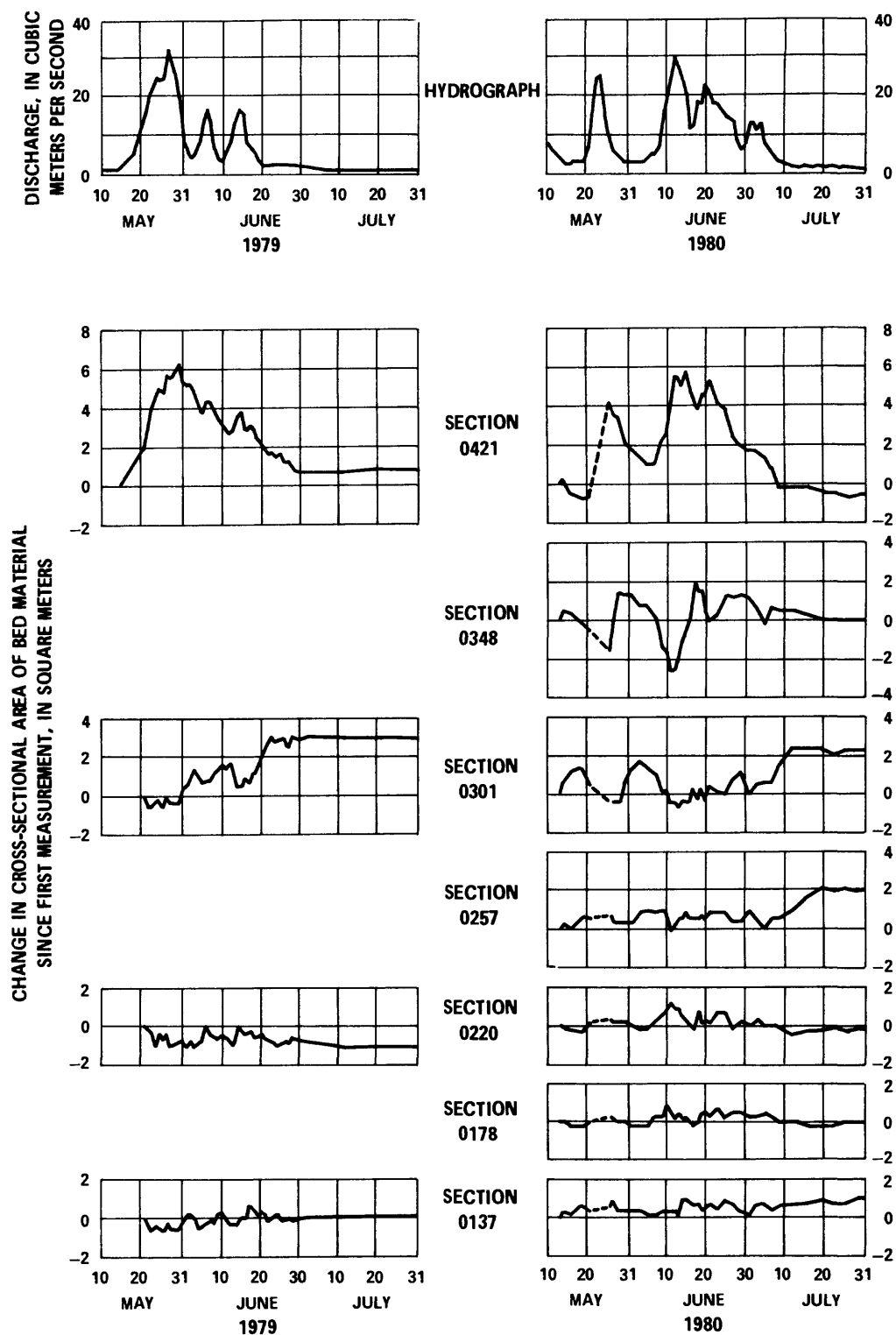


Figure 7.--Water discharge at the bedload trap (section 0000), and changes in cross-sectional area of bed material at sections 0421 through 0137 during runoff seasons of 1979 and 1980.

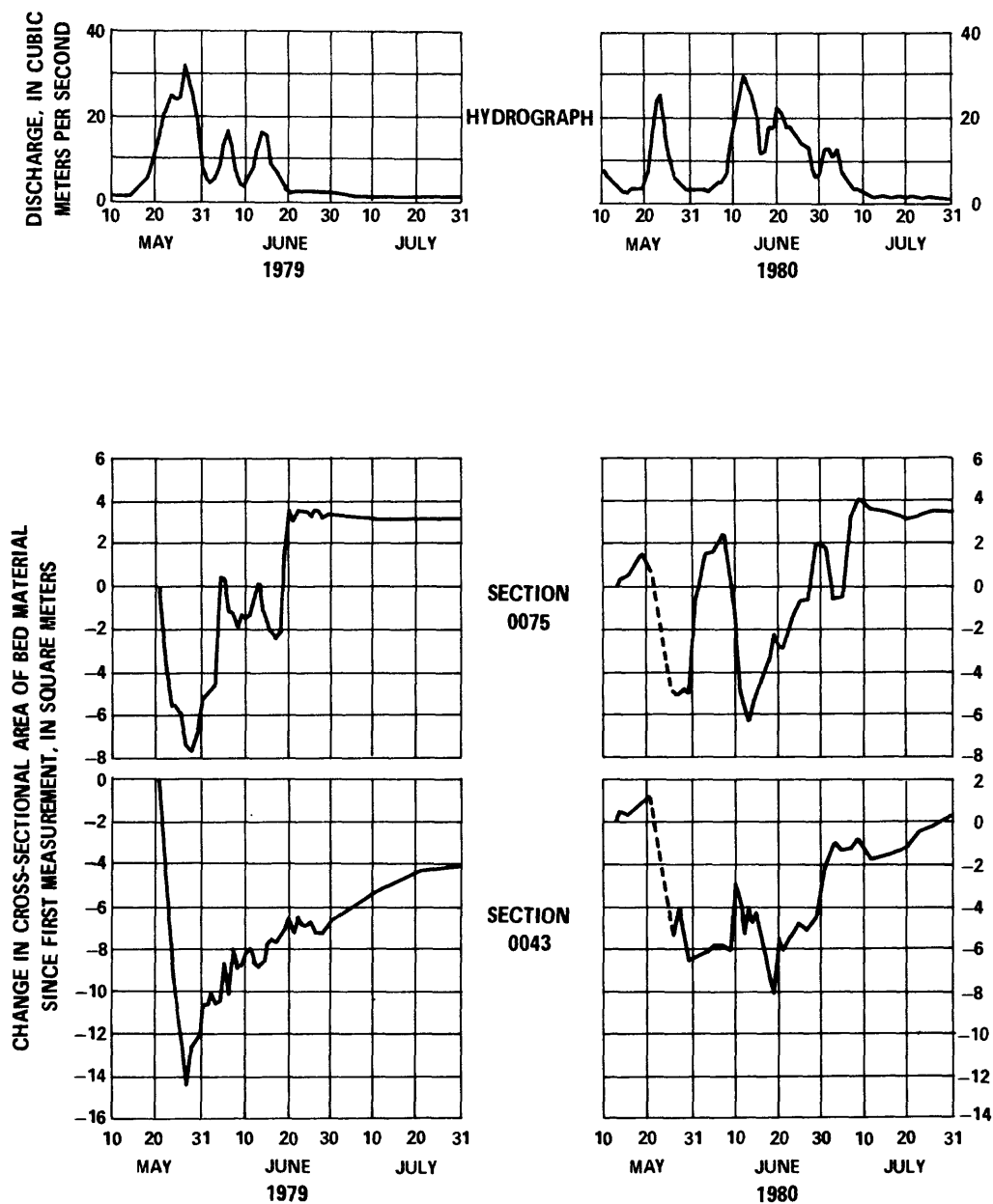


Figure 8.--Water discharge at the bedload trap (section 0000), and changes in cross-sectional area of bed material at sections 0075 and 0043 during runoff seasons of 1979 and 1980.

"FLOOR" BELOW BED MATERIAL

The final column of tables 1-42 gives the elevation of the "floor" below the more movable material on the bed of the river. In most places, this floor was determined by probing the bed with a steel rod and measuring the thickness of material above the level at which the rod could no longer be forced into the bed. This level of resistance usually consisted of coarse gravel or bedrock.

BEAVER DAMS

By the end of the 1979 season, a large beaver dam had been built across the East Fork River about 1600 m upriver from the bedload trap (Meade and others, 1980, p. 6). By the time we began the 1980 season, the dam had been abandoned by the beavers and partly washed out by the river. On May 20, 1980, we removed the fragments of the dam that remained in the streambed so that they would not impede the downstream movement of bedload. No other beaver dams were present in the 1980 study reach.

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TABLES

TABLE 1.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0043, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1535	5-14 1720	5-16 1510	5-19 1520	5-21 1520	5-22 1242	5-26 1515	5-27 1605	5-28 1547	5-30 1401	6-1 1351
WATER SURFACE(1)											
LEFT BANK GAGE	5.62	5.57	5.48	5.54	5.82	6.24*	5.85	5.68	5.62	5.54	5.53
RIGHT BANK GAGE	5.63	5.58	5.49	5.55	5.84	6.25	5.87*	5.69	5.63	5.54	5.54
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+
2	5.94+	5.94+	5.94+	5.94+	5.94+	5.94+	5.94+	5.94+	5.94+	5.94+	5.94+
3	5.82+	5.82+	5.82+	5.82+	5.82+	5.82	5.67 BM	5.66 M	5.62 BM	5.62-	5.62-
4	5.41 SG	5.57 S	5.48 S	5.49 S	5.49 S	5.67 SG	5.57 FS	5.47 M	5.54 FS	5.54 S	5.53 FS
5	5.49 S	5.56 S	5.48 S	5.48 S	5.42 SG	5.31 FS	5.30 M	5.29 FS	5.31 S	5.32 FS	5.32 FS
6	5.45 S	5.52 S	5.48 S	5.44 S	5.53 FS	5.17 FS	5.37 S	5.40 S	5.40 S	5.38 FS	5.38 FS
7	5.20 S	5.25 S	5.26 S	5.25 S	5.31 FS	5.25 FS	5.18 S	5.12 S	5.13 S	5.04 FS	5.04 FS
8	5.03 S	5.11 S	5.07 S	5.02 S	5.09 S	5.12 FS	4.63 S	4.83 S	4.64 S	4.73 FS	4.73 FS
9	4.84 S	4.89 S	4.82 S	4.86 S	4.95 S	4.76 FS	4.32 S	4.44 S	4.22 S	4.18 FS	4.18 FS
10	4.64 S	4.67 S	4.68 S	4.75 S	4.77 S	4.37 S	4.17 S	4.42 S	4.08 S	4.11 FS	4.11 FS
11	4.58 S	4.53 S	4.52 S	4.61 S	4.65 S	4.22 S	4.21 S	4.36 CS	4.10 S	4.08 CS	4.08 CS
12	4.45 S	4.49 S	4.50 S	4.59 S	4.51 S	4.24 S	4.23 S	4.40 CS	4.16 S	4.16 CS	4.16 CS
13	4.31 S	4.52 S	4.54 S	4.64 S	4.55 S	4.09 S	4.08 S	4.35 CS	4.16 S	4.04 CS	4.04 CS
14	4.64 S	4.66 S	4.66 S	4.71 S	4.61 S	3.91 S	3.95 S	4.14 FS	3.87 S	3.83 CS	3.83 CS
15	4.65 S	4.64 S	4.65 S	4.71 S	4.73 S	3.86 S	3.81 S	4.13 FS	3.71 S	3.76 CS	3.76 CS
16	4.65 S	4.65 S	4.65 S	4.68 S	4.79 S	3.98 CS	4.00 G	3.86 FG	3.82 G	3.89 CS	3.89 CS
17	4.63 S	4.67 S	4.69 S	4.67 S	4.79 S	4.22 FS	4.16 S	4.06 G	4.00 S	4.13 CS	4.13 CS
18	4.65 S	4.65 S	4.69 S	4.72 S	4.65 S	4.48 FS	4.43 S	4.65 S	4.36 S	4.42 CS	4.42 CS
19	4.87 S	4.90 S	4.89 S	4.87 S	4.80 S	4.70 S	4.85 S	4.84 G	4.70 S	4.85 S	4.85 S
20	5.16 S	5.18 S	5.21 S	5.23 S	5.12 S	5.15 S	5.14 SG	5.11 G	5.15 S	5.17 S	5.17 S
21	5.69+	5.69+	5.69+	5.69+	5.69 BM	5.59 BM	5.59-	5.59-	5.59-	5.59-	5.59-
22	6.34+	6.34+	6.34+	6.34+	6.34+	6.34+	6.34+	6.34+	6.34+	6.34+	6.34+
23	6.43+	6.43+	6.43+	6.43+	6.43+	6.43+	6.43+	6.43+	6.43+	6.43+	6.43+
24	6.62+	6.62+	6.62+	6.62+	6.62+	6.62+	6.62+	6.62+	6.62+	6.62+	6.62+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.7	4.0	4.0	3.9	3.0	2.3	2.8	3.0	4.0	4.0	4.0
BED ELEVATION	5.57	5.57	5.48	5.54	5.82	5.85	5.68	5.62	5.54	5.53	5.53
RIGHT EDGE WATER	20.9	20.8	20.6	20.8	21.5	21.6	20.9	20.8	20.8	20.8	20.8
BED ELEVATION	5.63	5.53	5.49	5.55	5.84	5.80	5.69	5.34	5.54	5.50	5.50

TABLE 1.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0043, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1629	6- 5 1434	6- 7 1614	6- 9 1745	6-10 1654	6-11 1730	6-12 1806	6-13 1600	6-14 1634	6-15 1628	6-16 1500
WATER SURFACE(1)											
LEFT BANK GAGE	5.54	5.58	5.63	6.06	6.34	6.55	6.68	6.60	6.50	6.31	5.92
RIGHT BANK GAGE	5.54	5.58	5.63	6.09	6.34	6.56	6.69	6.62	6.51	6.34	5.94
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.55+	6.55+	6.55+	6.55+	6.55+	6.55 BM	6.57 BM	6.57 BM	6.47 BM	6.47-	
2	5.94+	5.94+	5.94+	5.94 BM	6.24 BM	6.21 BM	6.51 BM	5.82 BM	6.02 BM	5.81	S
3	5.62-	5.62-	5.62-	5.67 S	6.01 BM	5.79 BM	5.95 BM	5.41 FS	5.62 BM	5.52	S
4	5.54 S	5.51 M	5.57 FS	5.44 S	5.77 S	5.55 S	5.46 S	5.52 S	5.68 S	5.54	S
5	5.32 FS	5.31 FS	5.33 FS	5.34 S	5.34 S	5.28 S	5.29 S	5.21 S	5.43 CS	5.33	S
6	5.38 S	5.36 FS	5.40 FS	5.38 S	5.10 S	4.89 S	4.73 S	5.01 S	4.80 CS	4.59	S
7	5.14 S	5.20 FS	5.15 S	5.08 S	4.94 S	4.64 S	4.57 S	4.63 S	4.52 CS	4.42	S
8	4.69 S	4.71 FS	4.73 S	4.62 S	4.92 S	4.59 S	4.57 S	4.58 S	4.55 CS	4.50	S
9	4.27 S	4.27 SG	4.30 S	4.18 S	4.76 S	4.62 S	4.58 S	4.64 S	4.48 CS	4.47	S
10	4.07 CS	4.11 CS	4.24 S	4.01 S	4.54 S	4.53 S	4.55 S	4.39 S	4.49 CS	4.42	S
11	4.11 G	4.16 G	4.11 G	4.06 S	4.48 S	4.55 S	4.38 S	4.30 S	4.39 CS	4.46	S
12	4.14 CS	4.18 S	4.14 S	3.99 S	4.46 S	4.52 S	4.21 S	4.30 S	4.29 S	4.28	S
13	4.14 G	4.18 G	4.15 G	4.00 S	4.44 S	4.27 S	4.05 S	4.30 S	4.14 S	4.17	S
14	3.77 S	3.93 S	3.83 S	3.91 S	4.45 S	4.22 S	3.84 S	3.99 S	4.00 S	4.01	S
15	3.74 S	3.78 S	3.77 S	4.01 S	4.46 S	4.16 S	3.95 S	4.01 S	4.01 G	4.37	S
16	3.84 G	3.88 S	3.96 G	4.10 S	4.47 S	4.35 CS	4.28 S	4.33 S	4.39 G	4.53 HB	
17	4.12 G	4.05 SG	4.10 G	4.47 S	4.66 S	4.53 CS	4.47 G	4.73 S	4.44 G	4.70 HB	
18	4.41 G	4.38 M	4.34 G	4.40 S	4.64 S	4.66 CS	4.68 G	4.81 SG	4.71 G	4.93	S
19	4.85 FS	4.77 SG	4.83 G	4.61 S	4.63 S	4.69 CS	4.98 G	5.02 S	4.75 G	4.97	S
20	5.19 SG	5.22 SG	5.07 FS	5.15 G	5.19 G	5.09 S	5.02 S	5.04 S	5.01 S	5.01	S
21	5.59-	5.59-	5.59-	5.59 SG	5.59 BM	5.74 BM	5.92 BM	5.44 BM	5.51 BM	5.70 BM	
22	6.34+	6.34+	6.34+	6.34+	6.34 BM	6.40 BM	6.45 BM	6.31 BM	6.39 BM	6.34 BM	
23	6.43+	6.43+	6.43+	6.43+	6.43+	6.43 BM	6.59 BM	6.42 BM	6.43 BM	6.43-	
24	6.62+	6.62+	6.62+	6.62+	6.62+	6.62+	6.62 BM	6.62 BM	6.62-	6.62-	
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	4.0	3.8	3.2	1.8	1.3	1.0	0.6	0.5	1.0	1.2	
BED ELEVATION	5.54	5.58	5.63	5.98	6.34	6.55	6.67	6.60	6.47	6.31	
RIGHT EDGE WATER	20.9	20.9	20.8	21.6	22.0	23.6	24.2	24.0	23.4	22.0	
BED ELEVATION	5.54	5.58	5.63	5.80	6.34	6.56	6.69	6.62	6.51	6.34	

TABLE 1.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0043, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1412	6-18 1702	6-19 1527	6-20 1637	6-21 1614	6-23 1337	6-25 905	6-27 900	6-29 914	7- 1 1607	7- 3 1625
WATER SURFACE(1)											
LEFT BANK GAGE	6.02	6.34	6.23	6.53	6.39	6.30	6.09	6.03	5.69	6.06	5.93
RIGHT BANK GAGE	6.03	6.34	6.23	6.55	6.41	6.32	6.11	6.06	5.71	6.08	5.97
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.47-	6.47-	6.47-	6.35	6.34	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-
2	5.69 CS	5.93 BM	5.81 BM	5.75 BM	5.64 BM	5.79 BM	5.72	5.78 BM	5.69 BM	5.78	5.72
3	5.48 S	5.52 G	5.52 BM	5.47 S	5.47 BM	5.51 S	5.48 S	5.50 BM	5.49 FG	5.50 G	5.52
4	5.59 S	5.61 S	5.65 S	5.58 S	5.56 S	5.58 S	5.57 S	5.55 S	5.57 SG	5.56 S	5.71
5	5.40 FS	5.48 S	5.47 S	5.30 S	5.44 S	5.43 S	5.44 S	5.44 S	5.41 FS	5.42 S	5.46 S
6	4.87 FS	4.95 SG	4.89 S	4.99 S	4.89 S	5.08 G	4.99 S	4.92 S	4.89 FS	4.93 S	5.01 S
7	4.98 FS	4.59 SG	4.39 S	4.26 S	4.28 S	4.59 G	4.74 S	4.82 S	4.81 FS	4.84 S	5.11
8	4.82 S	4.55 S	4.35 S	4.42 S	4.40 S	4.65 S	4.74 S	4.82 S	4.86 FS	4.96 S	5.02
9	4.41 S	4.32 S	4.26 S	4.26 S	4.40 S	4.52 S	4.49 S	4.59 S	4.75 S	4.83 CS	4.91
10	4.23 S	4.07 S	4.11 S	4.09 S	4.33 S	4.30 S	4.30 S	4.32 S	4.38 CS	4.76 CS	4.75 S
11	4.09 S	4.11 S	3.97 S	4.19 S	4.19 S	4.29 S	4.25 S	4.23 S	4.25 S	4.67 S	4.60 CS
12	4.03 S	3.87 S	3.91 S	4.14 S	4.19 S	4.14 S	4.08 S	4.05 S	4.22 CS	4.47 S	4.39 CS
13	3.95 S	3.72 S	3.77 S	4.07 CS	4.07 S	3.99 S	4.18 S	3.99 S	4.10 CS	4.32 S	4.42
14	3.83 S	3.76 G	3.75 S	4.10 FG	3.95 SG	3.82 S	4.15 S	3.95 S	4.07 CS	4.34 S	4.47
15	3.83 G	3.88 G	3.88 G	4.35 SG	4.00 SG	3.89 S	4.16 S	4.07 S	4.09 S	4.45 S	4.53 S
16	4.06 G	3.97 G	3.95 G	4.45 CG	4.20 SG	4.17 S	4.22 S	4.24 CS	4.20 FG	4.40 FG	4.52 S
17	4.22 G	4.31 FG	4.11 G	4.50 FG	4.47 FG	4.39 S	4.35 S	4.46 S	4.40 CS	4.55 CS	4.54
18	4.43 FG	4.55 FG	4.52 SG	4.83 SG	4.57 FG	4.69 S	4.49 FG	4.52 S	4.50 SG	4.55 CS	4.69
19	4.73 FG	4.82 G	4.74 FG	4.84 G	4.83 FG	4.79 S	4.86 S	4.79 S	4.75 SG	4.83 G	4.74 SG
20	5.15 G	5.20 G	5.10 G	5.07 G	5.15 G	5.12 G	5.13 G	5.13 G	5.12 G	5.17 G	5.13 G
21	5.63 G	5.60 G	5.18 BM	5.58 G	5.62 G	5.60 G	5.62 G	5.58 G	5.63 BM	5.65 G	5.64 SG
22	6.34-	6.34-	6.34-	6.33 BM	6.36 BM	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-
23	6.43-	6.43-	6.43-	6.43 BM	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-
24	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER BED ELEVATION	1.5 6.01	1.3 6.33	1.2 6.23	1.0 6.35	1.0 6.34	1.2 6.29	1.5 5.98	1.4 5.99	2.0 5.69	1.5 6.01	1.6 5.93
RIGHT EDGE WATER BED ELEVATION	21.5 5.80	22.0 6.34	21.8 6.23	23.8 6.55	22.8 6.41	21.9 6.32	21.4 6.11	21.5 5.73	21.3 5.71	21.5 5.78	21.5 5.79

TABLE 1.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0043, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 909	7- 7 1459	7- 9 1002	7-12 1515	7-16 1720	7-20 1714	7-23 1722	7-26 1305	7-29 1747	9-16 1225	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	5.78	5.60	5.57*	5.42	5.36	5.37	5.38	5.35	5.32	5.27	
RIGHT BANK GAGE	5.80	5.61	5.57	5.43	5.37	5.38	5.38	5.36	5.33	5.28	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
1	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34
2	5.66 FS	5.66-	5.66-	5.66-	5.66-	5.66-	5.66-	5.66-	5.66-	5.66-	5.64
3	5.55 S	5.55-	5.55-	5.55-	5.55-	5.55-	5.55-	5.55-	5.55-	5.55-	5.41
4	5.52 S	5.52-	5.52-	5.52-	5.52-	5.52-	5.52-	5.52-	5.52-	5.52-	4.97
5	5.51 S	5.58 FS	5.57 S	5.42 FS	5.42-	5.42-	5.42-	5.42-	5.42-	5.42-	4.61
6	5.06 S	5.08 FS	5.14 FS	5.09 FS	5.06 S	5.07 S	5.08 S	5.07 S	5.06 S	5.06 S	4.28
7	5.09 S	5.16 FS	5.23 FS	5.21 FS	5.20 FS	5.19 FS	5.21 S	5.07 S	5.04 S	5.06 S	3.24
8	5.07 S	5.01 FS	5.06 FS	5.00 FS	4.96 FS	4.99 FS	4.96 S	4.87 S	4.86 S	4.92 S	3.24
9	4.86 S	4.82 S	4.71 S	4.72 S	4.74 S	4.76 S	4.75 S	4.76 S	4.74 S	4.79 S	2.25
10	4.65 S	4.58 S	4.60 S	4.45 S	4.47 S	4.50 S	4.87 S	4.86 S	4.90 S	5.04 S	2.01
11	4.37 CS	4.39 FG	4.45 S	4.40 CS	4.41 S	4.49 S	4.78 S	4.87 S	5.02 S	5.09 S	1.65
12	4.31 S	4.41 SG	4.46 CS	4.42 S	4.45 S	4.46 S	4.67 S	4.77 S	4.93 S	5.13 S	1.66
13	4.37 CS	4.43 S	4.45 CS	4.42 S	4.43 S	4.43 S	4.47 S	4.59 S	4.76 S	5.17 S	1.87
14	4.47 CS	4.44 S	4.47 CS	4.42 FS	4.44 S	4.45 S	4.45 S	4.45 S	4.45 S	4.45 S	2.05
15	4.47 FG	4.49 FG	4.54 CS	4.42 SG	4.48 S	4.50 S	4.50 S	4.51 S	4.51 S	4.60 S	3.98
16	4.52 FG	4.56 FG	4.55 CS	4.50 SG	4.53 S	4.56 S	4.56 S	4.58 S	4.61 S	4.58 S	2.52
17	4.67 FG	4.69 FG	4.69 FG	4.67 FG	4.67 S	4.67 S	4.67 S	4.70 S	4.68 S	4.66 S	4.00
18	4.67 HB	4.72 FG	4.72 FG	4.67 FG	4.68 S	4.67 S	4.67 S	4.69 S	4.71 S	4.69 S	3.71
19	4.74 FG	4.76 S	4.77 FG	4.77 FG	4.78 S	4.77 S	4.77 S	4.76 S	4.80 S	4.78 S	4.04
20	5.12 CG	5.13 SG	5.15 SG	5.12 SG	5.13 SG	5.15 SG	5.14 S	5.14 SG	5.13 SG	5.13 SG	5.01
21	5.63 G	5.61 G	5.61-	5.61-	5.61-	5.61-	5.61-	5.61-	5.61-	5.61-	5.18
22	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.31
23	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.42
24	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.7	4.8	5.0	5.0	5.2	5.2	5.2	5.2	5.3	5.3	
BED ELEVATION	5.78	5.60	5.57	5.42	5.36	5.37	5.38	5.35	5.32	5.27	
RIGHT EDGE WATER	21.6	21.0	20.9	20.6	20.5	20.6	20.6	20.6	20.5	20.5	
BED ELEVATION	5.78	5.61	5.57	5.42	5.37	5.38	5.38	5.36	5.33	5.28	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 2.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0075, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1529	5-14 1506	5-16 1500	5-19 1514	5-21 1512	5-22 1243	5-26 1456	5-27 1603	5-28 1540	5-30 1408	6- 1 1337
WATER SURFACE(1)											
LEFT BANK GAGE	5.65	5.59	5.51	5.56	5.88	6.29	5.89	5.71	5.65	5.55	5.56
RIGHT BANK GAGE	5.66	5.60	5.52*	5.57	5.89*	6.31	5.91	5.71	5.65	5.55	5.56
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.57+	6.57+	6.57+	6.57+	6.57+		6.57+	6.57+	6.57+	6.57+	6.57+
1	6.24+	6.24+	6.24+	6.24+	6.24+		6.24+	6.24+	6.24+	6.24+	6.24+
2	5.75+	5.75+	5.75+	5.75+	5.75+		5.77 BM	5.77-	5.77-	5.77-	5.77-
3	5.32 BM	5.38 BM	5.36 BM	5.36 BM	5.29 M		5.29 BM	5.50 BM	5.32 BM	5.36 BM	5.34 BM
4	5.10 FS	5.12 M	5.11 M	5.13 BM	5.10 M		5.09 FS	5.18 M	5.06 G	5.13 FS	5.13 BM
5	5.09 FS	5.11 M	5.09 S	5.08 FS	5.08 S		4.91 FS	4.93 M	4.91 FS	4.93 FS	4.90 FS
6	4.96 S	4.95 FS	4.97 S	4.96 FS	5.08 S		4.86 S	4.82 M	4.81 FS	4.78 FS	4.86 S
7	4.86 S	4.89 FS	4.86 S	4.90 S	4.93 S		4.90 S	4.87 M	4.84 FS	4.80 FS	4.80 S
8	4.76 S	4.80 FS	4.83 S	4.82 S	4.81 S		4.49 S	4.46 CS	4.48 S	4.51 S	4.78 S
9	4.75 S	4.80 FS	4.77 S	4.78 S	4.83 S		4.33 HB	4.32 CS	4.40 FS	4.41 S	4.81 S
10	4.70 S	4.79 FS	4.78 S	4.95 S	4.83 S		4.30 HB	4.33 S	4.31 HB	4.30 HB	4.74 S
11	4.86 S	4.87 FS	4.91 S	5.10 S	5.03 S		4.29 HB	4.30 HB	4.30 HB	4.30 HB	4.81 S
12	4.95 S	4.98 S	5.03 S	5.23 S	5.09 S		4.30 HB	4.28 HB	4.32 HB	4.29 HB	5.16 S
13	5.04 S	5.04 S	5.15 S	5.23 CS	5.14 S		4.38 HB	4.35 HB	4.37 HB	4.35 HB	5.24 S
14	5.11 S	5.08 S	5.19 S	5.25 CS	5.08 S		4.50 HB	4.50 HB	4.46 HB	4.53 S	5.24 S
15	5.11 S	5.08 S	5.05 S	5.24 CS	5.04 S		4.63 CS	4.62 S	4.63 HB	4.60 S	4.86 S
16	5.02 S	5.03 S	5.01 S	5.06 CS	4.94 S		4.69 CS	4.68 S	4.74 S	4.65 S	4.63 S
17	4.87 S	4.91 S	4.89 S	4.85 CS	4.85 S		4.85 CS	4.82 S	4.79 S	4.79 S	4.76 S
18	4.81 S	4.86 S	4.85 S	4.85 S	4.86 S		4.89 BM	4.79 M	4.86 S	4.89 S	4.87 BM
19	5.28+	5.28 BM	5.28-	5.28-	5.65 BM		5.84 BM	5.84-	5.84-	5.84-	5.84-
20	6.13+	6.13+	6.13+	6.13+	6.13+		6.13+	6.13+	6.13+	6.13+	6.13+
21	6.30+	6.30+	6.30+	6.30+	6.30+		6.30+	6.30+	6.30+	6.30+	6.30+
22	6.40+	6.40+	6.40+	6.40+	6.40+		6.40+	6.40+	6.40+	6.40+	6.40+
23	6.42+	6.42+	6.42+	6.42+	6.42+		6.42+	6.42+	6.42+	6.42+	6.42+
24	6.56+	6.56+	6.56+	6.56+	6.56+		6.56+	6.56+	6.56+	6.56+	6.56+
25	6.78+	6.78+	6.78+	6.78+	6.78+		6.78+	6.78+	6.78+	6.78+	6.78+
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER BED ELEVATION	2.4	2.7	2.8	2.7	1.7		1.8	2.5	2.5	2.7	2.7
RIGHT EDGE WATER BED ELEVATION	5.65	5.59	5.51	5.56	5.88		5.82	5.71	5.65	5.55	5.56
LEFT EDGE WATER BED ELEVATION	18.9	19.0	18.9	18.8	19.5		19.4	18.9	18.9	18.8	18.7
RIGHT EDGE WATER BED ELEVATION	5.12	5.28	5.21	5.18	5.88		5.91	5.71	5.22	5.19	5.26

TABLE 2.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0075, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1608	6- 5 1422	6- 7 1603	6- 9 1727	6-10 1634	6-11 1725	6-12 1731	6-13 1541	6-14 1630	6-15 1715	6-16 1459
WATER SURFACE(1)											
LEFT BANK GAGE	5.56	5.60	5.66	6.14	6.40	6.61	6.73	6.65	6.56	6.35	5.96
RIGHT BANK GAGE	5.56	5.60	5.66	6.15	6.43	6.64	6.77	6.68	6.58	6.37	5.98
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.57+	6.57+	6.57+	6.57+	6.57+	6.57 BM	6.56 BM	6.56 BM	6.55 BM	6.55-	
1	6.24+	6.24+	6.24+	6.24+	6.24 BM	6.24 BM	6.23 BM	6.25 BM	6.35 BM	6.24 BM	
2	5.77-	5.77-	5.77-	5.79 BM	5.76 BM	5.72 BM	5.90 BM	5.85 BM	5.87 BM	5.78 BM	
3	5.29 BM	5.33 BM	5.31 BM	5.49 FS	5.30 BM	5.29 BM	5.26 S	5.50 S	5.36 BM	5.34 BM	
4	5.13 S	5.09 FG	5.09 FG	5.16 S	5.19 FS	5.22 S	5.25 S	5.20 G	5.16 S	5.15 S	
5	4.87 S	4.87 SG	4.87 FG	5.03 S	5.27 S	4.95 S	4.88 S	4.87 HB	4.96 S	5.07 S	
6	4.87 S	4.88 S	5.01 S	4.95 S	5.01 S	4.75 S	4.70 S	4.52 S	4.72 S	5.00 S	
7	4.85 S	4.91 S	5.05 S	4.93 S	4.81 S	4.58 S	4.35 S	4.34 S	4.72 S	4.74 S	
8	4.98 S	5.03 S	4.91 S	4.87 S	4.64 S	4.58 S	4.34 S	4.29 S	4.42 S	4.52 S	
9	5.03 S	5.05 S	4.97 S	4.74 FG	4.64 S	4.48 S	4.32 S	4.30 G	4.32 G	4.32 G	
10	5.12 S	5.17 S	5.07 S	4.55 S	4.63 S	4.49 S	4.27 G	4.29 G	4.32 G	4.36 S	
11	5.19 C	5.20 C	5.09 S	4.77 S	4.60 S	4.43 S	4.25 HB	4.28 G	4.29 SG	4.32 S	
12	5.19 C	5.22 C	5.19 S	4.93 S	4.81 S	4.28 HB	4.27 HB	4.24 HB	4.27 G	4.27 S	
13	5.26 C	5.23 C	5.26 SG	5.02 S	4.88 S	4.40 HB	4.38 HB	4.36 HB	4.35 G	4.36 G	
14	5.32 C	5.27 C	5.26 S	5.08 S	4.81 S	4.48 HB	4.57 G	4.48 HB	4.51 G	4.49 G	
15	5.26 SG	5.26 S	5.24 S	5.17 S	4.84 S	4.61 HB	4.66 G	4.62 HB	4.62 G	4.62 G	
16	4.81 S	4.85 S	5.23 S	5.07 S	4.79 C	4.64 S	4.69 G	4.65 HB	4.65 S	4.66 S	
17	4.76 S	4.78 C	5.08 S	4.90 S	4.82 S	4.76 S	4.78 G	4.71 S	4.78 S	4.72 S	
18	4.86 M	4.89 M	4.84 FS	4.83 S	4.83 S	4.83 S	4.86 G	4.90 S	4.90 S	4.92 S	
19	5.84-	5.84-	5.84-	5.86 FS	5.88 BM	5.74 FS	6.02 BM	5.85 M	5.95 M	5.79 M	
20	6.13+	6.13+	6.13+	6.13+	6.13 BM	6.22 BM	6.16 BM	6.24 BM	6.25 BM	6.24 BM	
21	6.30+	6.30+	6.30+	6.30+	6.30 BM	6.30 BM	6.37 BM	6.31 BM	6.32 BM	6.30 BM	
22	6.40+	6.40+	6.40+	6.40+	6.40 BM	6.41 BM	6.44 BM	6.37 BM	6.39 BM	6.38 BM	
23	6.42+	6.42+	6.42+	6.42+	6.42 BM	6.37 BM	6.46 BM	6.41 BM	6.41 BM	6.41-	
24	6.56+	6.56+	6.56+	6.56+	6.56+	6.56 BM	6.64 BM	6.58 BM	6.59 BM	6.59-	
25	6.78+	6.78+	6.78+	6.78+	6.78+	6.78+	6.78 BM	6.69 BM	6.69-	6.69-	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.7	2.7	2.5	1.1	0.4	< 0.0	< 0.0	< 0.0	0.0	0.6	
BED ELEVATION	5.56	5.60	5.66	6.14	6.40	6.65	6.78	6.69	6.55	6.35	
RIGHT EDGE WATER	18.9	18.9	18.9	19.9	23.1	24.4	25.0	25.0	24.0	22.0	
BED ELEVATION	5.24	5.24	5.24	5.94	6.43	6.65	6.78	6.69	6.59	6.38	

TABLE 2.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0075, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1427	6-18 1641	6-19 1528	6-20 1602	6-21 1622	6-23 1527	6-25 925	6-27 920	6-29 921	7- 1 1600	7- 3 1617
WATER SURFACE(1)											
LEFT BANK GAGE	6.06	6.39	6.28	6.57	6.44	6.35	6.15	6.10	5.74	6.12	6.00
RIGHT BANK GAGE	6.08	6.42	6.30	6.62	6.47	6.38	6.17	6.12	5.74	6.15	6.01
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.55-	6.55-	6.55-	6.57 BM	6.57-	6.57-	6.57-	6.57-	6.57-	6.57-	6.57-
1	6.24-	6.27 BM	6.25 BM	6.18 BM	6.21 BM	6.20 BM	6.20-	6.20-	6.20-	6.20-	6.20-
2	5.74 BM	5.86 BM	5.85 M	5.87 FS	5.88 BM	5.84 BM	5.84 BM	5.81 BM	5.81-	5.87 BM	5.77 BM
3	5.32 BM	5.49 M	5.48 M	5.39 S	5.56 BM	5.37 S	5.32 S	5.36 BM	5.34 FS	5.31 FS	5.30 FS
4	5.09 G	5.24 S	5.27 S	5.33 CS	5.34 S	5.46 G	5.48 S	5.48 S	5.51 SG	5.24 SG	5.24 FS
5	5.11 FS	5.24 S	5.26 S	5.29 CS	5.26 S	5.45 S	5.47 S	5.46 S	5.34 SG	5.21 S	5.15 FS
6	5.10 S	5.20 S	5.20 S	5.11 S	5.16 S	5.35 S	5.42 S	5.30 S	5.10 SG	5.21 S	5.07 S
7	5.06 S	5.08 S	5.11 S	4.91 S	5.05 S	5.32 CS	5.30 S	5.18 S	4.93 SG	5.05 S	4.90 S
8	4.83 S	4.79 S	4.97 S	4.89 S	4.85 S	5.19 S	5.23 S	5.12 S	4.92 SG	4.90 S	4.75 S
9	4.60 S	4.51 S	4.77 S	4.71 S	4.80 S	4.91 S	5.04 S	4.97 S	4.75 SG	4.85 S	4.61 S
10	4.30 HB	4.31 S	4.61 S	4.51 S	4.56 S	4.67 S	4.84 S	4.86 S	4.78 S	4.96 S	4.62 S
11	4.29 HB	4.29 G	4.57 S	4.35 S	4.43 S	4.54 S	4.58 S	4.78 S	4.74 S	4.90 S	4.88 S
12	4.27 HB	4.30 S	4.51 S	4.60 S	4.26 S	4.28 HB	4.41 S	4.63 S	5.02 S	4.86 S	4.89 S
13	4.38 HB	4.44 HB	4.44 S	4.58 S	4.41 S	4.35 HB	4.38 G	4.49 S	5.22 S	4.96 S	4.99 S
14	4.49 HB	4.54 HB	4.54 HB	4.53 HB	4.50 G	4.53 HB	4.54 G	4.53 G	5.29 S	5.11 S	4.99 S
15	4.61 S	4.71 HB	4.60 HB	4.61 HB	4.62 SG	4.61 HB	4.62 S	4.61 S	5.24 S	5.19 S	4.87 S
16	4.61 S	4.63 G	4.62 HB	4.63 HB	4.66 HB	4.64 HB	4.63 G	4.63 G	5.36 S	5.07 S	4.83 S
17	4.70 S	4.66 S	4.65 CS	4.64 S	4.65 G	4.67 S	4.67 G	4.66 G	5.06 S	5.19 S	4.84 CS
18	4.91 M	4.88 S	4.81 FS	4.78 S	4.77 G	4.83 S	4.78 S	4.76 S	4.74 S	5.12 S	4.88 S
19	5.91 BM	5.89 BM	5.88 BM	5.84 BM	5.85 FS	5.78 S	5.95 BM	5.87 BM	5.87-	5.93 BM	5.91 BM
20	6.24-	6.20 BM	6.23 BM	6.24 BM	6.22 BM	6.22 BM	6.22-	6.22-	6.22-	6.22-	6.22-
21	6.30-	6.29 BM	6.29 BM	6.31 BM	6.27 BM	6.31 BM	6.31-	6.31-	6.31-	6.31-	6.31-
22	6.38-	6.38 BM	6.38-	6.39 BM	6.40 BM	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-
23	6.41-	6.39 BM	6.39-	6.48 BM	6.43 BM	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-
24	6.59-	6.59-	6.59-	6.58 BM	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-
25	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.2	0.5	0.8	0.0	0.3	0.6	1.2	1.2	2.3	1.2	1.4
BED ELEVATION	6.06	6.39	6.28	6.57	6.44	6.34	6.15	6.09	5.74	6.10	6.00
RIGHT EDGE WATER	19.9	23.2	21.1	24.5	23.4	21.9	19.9	19.7	18.8	19.7	19.8
BED ELEVATION	6.00	6.42	6.30	6.63	6.48	6.39	6.17	5.97	5.19	6.07	6.01

TABLE 2.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0075, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 917	7- 7 1450	7- 9 1007	7-12 1509	7-16 1713	7-20 1707	7-23 1717	7-26 1257	7-29 1742	9-16 1200	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	5.82	5.63	5.58	5.44	5.37	5.39	5.39	5.37	5.34	5.29	
RIGHT BANK GAGE	5.83	5.63	5.58*	5.43	5.37*	5.38*	5.38*	5.36*	5.33*	5.29	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.57-	6.57-	6.57-	6.57-	6.57-	6.57-	6.57-	6.57-	6.57-	6.57-	6.55
1	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.18
2	5.79 BM	5.79-	5.79-	5.79-	5.79-	5.79-	5.79-	5.79-	5.79-	5.79-	5.72
3	5.29 M	5.30 FS	5.33 FS	5.32 FS	5.31 FS	5.32 FS	5.30 FS	5.34 FS	5.32 S	5.32-	5.26
4	5.21 SG	5.22 SG	5.24 SG	5.22 FG	5.19 FG	5.18 FG	5.20 FG	5.18 SG	5.20 CS	5.19 S	5.06
5	5.19 SG	5.11 S	5.10 FS	5.06 FG	5.04 FG	5.05 FG	5.07 FG	5.06 SG	5.04 SG	5.04 S	4.87
6	5.00 FG	4.99 CS	5.01 FS	4.94 FG	4.98 S	4.92 S	5.00 S	4.98 S	4.97 SG	4.94 S	4.52
7	4.83 CG	4.93 CS	5.00 S	4.93 S	5.02 S	4.88 S	4.96 S	4.96 S	5.01 S	4.98 S	4.34
8	4.66 CG	4.91 S	5.04 S	5.01 S	4.97 S	4.93 S	4.99 S	5.03 S	5.00 S	4.97 S	4.29
9	4.67 CS	4.96 CS	5.07 S	5.05 S	5.04 S	5.03 S	5.02 S	4.98 S	5.04 S	4.98 S	4.30
10	4.70 S	4.95 CS	5.07 CS	5.05 S	5.05 CS	5.04 CS	5.03 SG	5.05 CS	5.04 CS	5.04 S	4.27
11	4.70 CS	4.90 CS	5.16 S	5.20 S	5.14 CS	5.11 CS	5.08 SG	5.08 CS	5.10 CS	5.09 S	4.25
12	4.92 S	5.26 CS	5.35 CS	5.20 CS	5.25 CS	5.24 CS	5.27 SG	5.26 CS	5.25 CS	5.28 S	4.24
13	5.10 S	5.41 CS	5.41 CS	5.28 CS	5.29 S	5.31 S	5.28 SG	5.31 CS	5.31 S	5.31 S	4.35
14	5.06 S	5.42 CS	5.44 CS	5.41 CS	5.41 S	5.36 S	5.36 S	5.36 SG	5.36 S	5.36-	4.46
15	5.06 S	5.46 CS	5.46 FG	5.41 SG	5.41-	5.41-	5.41-	5.41-	5.41-	5.41-	4.58
16	4.94 S	5.44 CS	5.44 FG	5.42 CS	5.42-	5.42-	5.42-	5.42-	5.42-	5.42-	4.58
17	4.79 FG	5.21 CS	5.34 FG	5.28 CS	5.23 S	5.22 CS	5.20 FG	5.24 S	5.24 S	5.24 S	4.60
18	4.84 FG	5.84 FG	4.93 S	4.91 S	4.90 S	4.89 S	4.89 FG	4.91 S	4.90 S	4.91 S	5.61
19	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.28
20	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.13
21	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.27
22	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.37
23	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.37
24	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.56
25	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.8	2.4	2.6	2.8	2.9	2.8	2.8	2.9	2.8	3.5	
BED ELEVATION	5.82	5.63	5.58	5.44	5.35	5.36	5.38	5.36	5.34	5.29	
RIGHT EDGE WATER	18.9	18.7	18.8	18.9	18.7	18.7	18.8	18.8	18.8	18.8	
BED ELEVATION	5.83	5.15	5.16	5.21	5.19	5.20	5.18	5.16	5.14	5.15	
LEFT EDGE BAR					13.4	14.2	13.8	14.0	13.3	12.8	
BED ELEVATION					5.37	5.38	5.38	5.36	5.33	5.29	
RIGHT EDGE BAR					16.4	16.5	16.4	16.3	16.7	16.9	
BED ELEVATION					5.37	5.38	5.38	5.36	5.33	5.29	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 3.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0137, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1523	5-14 1700	5-16 1450	5-19 1500	5-21 1503	5-22 1246	5-26 1437	5-27 1550	5-28 1534	5-30 1404	6- 1 1338
WATER SURFACE(1)											
LEFT BANK GAGE	5.69	5.63	5.55	5.62	5.93	6.31	5.96	5.77	5.71	5.60	5.60
RIGHT BANK GAGE	5.69	5.64	5.55*	5.62	5.91	6.31	5.95	5.78	5.71	5.60	5.60
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.71+	6.71+	6.71+	6.71+	6.71+		6.71+	6.71+	6.71+	6.71+	6.71+
1	6.37+	6.37+	6.37+	6.37+	6.37+		6.37+	6.37+	6.37+	6.37+	6.37+
2	6.24+	6.24+	6.24+	6.24+	6.24+		6.24+	6.24+	6.24+	6.24+	6.24+
3	5.93+	5.93+	5.93+	5.93+	5.93+		5.93+	5.93+	5.93+	5.93+	5.93+
4#	5.14 BM	5.21 BM	5.23 BM	5.22 BM	5.33 BM		5.16 BM	5.12 BM	5.18 BM	5.25 BM	5.24 M
5#	4.87 S	4.90 BM	4.96 M	4.96 BM	4.96 BM		4.93 M	5.19 BM	5.20 BM	4.96 M	5.18 M
6#	5.11 S	5.13 FS	5.11 M	5.09 BM	5.10 G		5.14 M	5.21 BM	5.22 BM	5.10 FG	5.38 M
7	5.19 S	5.23 FS	5.21 M	5.20 S	5.22 S		5.26 SG	5.22 G	5.22 G	5.20 G	5.22 CG
8	5.22 G	5.29 SG	5.23 CG	5.28 SG	5.24 G		5.24 SG	5.27 CG	5.29 G	5.27 G	5.27 CG
9	5.16 CG	5.20 SG	5.17 CG	5.18 G	5.17 SG		5.18 CG	5.22 CG	5.18 CG	5.20 G	5.20 CG
10	5.12 FG	5.13 SG	5.13 G	5.15 S	5.11 SG		5.16 CG	5.11 G	5.11 CG	5.10 G	5.10 G
11	5.11 CG	5.13 SG	5.16 SG	5.18 SG	5.12 SG		5.14 CG	5.10 CS	5.11 CG	5.12 G	5.11 FS
12	5.09 CG	5.12 SG	5.13 S	5.15 S	5.12 G		5.13 SG	5.12 CS	5.11 FG	5.13 SG	5.10 SG
13	5.07 CG	5.08 SG	5.09 S	5.12 SG	5.06 G		5.06 CG	5.07 CS	5.08 SG	5.06 SG	5.09 FG
14	5.04 CG	5.07 SG	5.06 S	5.10 SG	5.06 G		5.05 S	5.06 SG	5.05 G	5.05 SG	5.06 FG
15	5.05 CG	5.07 SG	5.07 S	5.09 CS	5.08 SG		5.06 SG	5.10 S	5.09 G	5.05 G	5.06 FG
16	5.06 CG	5.08 S	5.09 S	5.06 G	5.10 G		5.11 S	5.22 S	5.09 CS	5.07 G	5.10 S
17	5.09 CG	5.10 S	5.09 G	5.14 SG	5.10 G		5.17 S	5.25 S	5.14 SG	5.11 SG	5.11 S
18	5.15 CG	5.17 S	5.16 S	5.17 S	5.16 G		5.16 SG	5.26 CS	5.20 SG	5.18 G	5.18 S
19	5.26 CG	5.28 G	5.26 G	5.24 SG	5.26 G		5.27 S	5.29 FG	5.28 SG	5.28 G	5.29 G
20	5.24 SG	5.27 S	5.25 S	5.30 S	5.25 G		5.41 S	5.32 S	5.23 CS	5.24 SG	5.25 SG
21	5.32 BM	5.40 BM	5.33 BM	5.44 BM	5.53 BM		5.45 S	5.47 FS	5.48 BM	5.46 BM	5.50 BM
22	6.35+	6.35+	6.35+	6.35+	6.35+		6.35+	6.35+	6.35+	6.35+	6.35+
23	6.26+	6.26+	6.26+	6.26+	6.26+		6.26+	6.26+	6.26+	6.26+	6.26+
24	6.14+	6.14+	6.14+	6.14+	6.14+		6.14+	6.14+	6.14+	6.14+	6.14+
25	6.32+	6.32+	6.32+	6.32+	6.32+		6.32+	6.32+	6.32+	6.32+	6.32+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.5	3.6	3.5	3.7	3.0		3.7	3.3	3.7	3.8	3.6
BED ELEVATION	5.28	5.31	5.27	5.30	5.93		5.24	5.77	5.71	5.20	5.30
RIGHT EDGE WATER	21.6	21.4	21.3	21.4	21.8		21.5	21.7	21.4	21.3	21.4
BED ELEVATION	5.69	5.64	5.54	5.62	5.86		5.67	5.78	5.66	5.60	5.60

TABLE 3.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0137, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1557	6- 5 1411	6- 7 1551	6- 9 1730	6-10 1700	6-11 1720	6-12 1755	6-13 1521	6-14 1618	6-15 1655	6-16 1456
WATER SURFACE(1)											
LEFT BANK GAGE	5.60	5.65	5.70	6.18	6.45	6.69	6.83	6.73	6.63	6.42	6.02
RIGHT BANK GAGE	5.61	5.64	5.70	6.17	6.43	6.66	6.80	6.68	6.58	6.38	6.01
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.71+	6.71+	6.71+	6.71+	6.71+	6.71+	6.71 BM	6.72 BM	6.72-	6.72-	
1	6.37+	6.37+	6.37+	6.37+	6.37 BM	6.37-	6.37-	6.37-	6.36 BM	6.37 M	
2	6.24+	6.24+	6.24+	6.24+	6.24+	6.24+	6.24+	6.24+	6.24 BM	6.29 BM	
3	5.93-	5.93-	5.93-	5.90 BM	5.90-	5.90-	5.90-	5.90-	6.02 BM	5.98 BM	
4#	5.10 M	5.24 BM	5.17 BM	5.21 BM	5.62 S	5.55 BM	5.59 BM	5.62 S	5.43 BM	5.62 M	
5#	4.95 M	4.94 BM	4.92 M	4.94 BM	4.94 S	4.90 S	4.88 G	4.85 G	5.18 BM	4.96 BM	
6#	5.05 M	5.08 G	5.11 M	4.90 S	4.91 S	4.93 FG	4.89 G	4.88 G	4.90 HB	4.92 G	
7	5.21 G	5.20 G	5.21 CG	5.11 S	5.13 G	5.15 G	5.13 G	5.12 FG	5.09 S	5.11 G	
8	5.27 CG	5.26 CG	5.28 CG	5.19 G	5.18 G	5.18 G	5.20 G	5.15 G	5.18 G	5.20 G	
9	5.17 CG	5.19 CG	5.20 CG	5.15 G	5.18 G	5.17 G	5.19 G	5.20 G	5.22 G	5.17 G	
10	5.10 G	5.10 CG	5.10 CG	5.16 G	5.16 G	5.13 G	5.18 G	5.14 G	5.19 G	5.18 G	
11	5.10 S	5.10 S	5.11 FS	5.14 G	5.14 G	5.12 G	5.16 G	5.14 G	5.19 G	5.15 G	
12	5.10 CS	5.12 S	5.12 FS	5.10 G	5.13 G	5.09 G	5.12 G	5.13 G	5.17 G	5.13 G	
13	5.09 FG	5.07 SG	5.06 FG	5.09 G	5.11 G	5.11 G	5.14 G	5.10 G	5.14 G	5.13 SG	
14	5.06 CG	5.06 SG	5.05 SG	5.08 S	5.06 G	5.09 G	5.10 G	5.11 S	5.12 G	5.10 S	
15	5.05 CG	5.07 CG	5.05 SG	5.07 S	5.09 G	5.10 G	5.08 G	5.06 FG	5.10 S	5.09 SG	
16	5.07 SG	5.07 CG	5.10 SG	5.09 S	5.09 G	5.11 G	5.09 G	5.09 G	5.16 G	5.14 S	
17	5.11 CG	5.10 CG	5.11 G	5.11 S	5.13 G	5.13 G	5.11 G	5.12 S	5.12 G	5.13 S	
18	5.21 CG	5.17 G	5.17 SG	5.16 S	5.18 S	5.21 S	5.17 S	5.20 S	5.21 S	5.23 S	
19	5.31 G	5.27 G	5.29 G	5.26 S	5.25 S	5.24 G	5.23 G	5.24 S	5.34 S	5.32 S	
20	5.25 SG	5.24 G	5.22 G	5.29 S	5.31 FS	5.32 S	5.30 S	5.23 S	5.44 S	5.49 S	
21	5.47 FS	5.48 FS	5.41 FS	5.52 BM	5.43 S	5.46 S	5.39 S	5.32 S	5.48 S	5.47 S	
22	6.35+	6.35+	6.35+	6.35+	6.35 BM	6.37 BM	6.33 BM	6.29 BM	6.28 BM	6.38 BM	
23	6.26+	6.26+	6.26+	6.26+	6.26 BM	6.27 BM	6.27 BM	6.24 BM	6.27 BM	6.27 BM	
24	6.14+	6.14+	6.14+	6.14+	6.14 BM	6.13 BM	6.14 BM	6.11 BM	6.32 BM	6.12 BM	
25	6.32+	6.32+	6.32+	6.32+	6.32 BM	6.30 BM	6.32 BM	6.29 BM	6.32 BM	6.31 BM	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.5	3.6	3.3	2.2	1.0	0.1	< 0.0	< 0.0	1.0	1.0	
BED ELEVATION	5.28	5.27	5.29	6.07	6.37	6.69			6.36	6.37	
RIGHT EDGE WATER	21.5	21.5	21.6	21.5	>25.0	>25.0	>25.0	>25.0	>25.0	>25.0	
BED ELEVATION	5.61	5.64	5.70	6.09							

TABLE 3.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0137, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1444	6-18 1624	6-19 1510	6-20 1608	6-21 1602	6-23 1518	6-25 940	6-27 938	6-29 932	7- 1 1555	7- 3 1612
WATER SURFACE(1)											
LEFT BANK GAGE	6.13	6.46	6.35	6.67	6.52	6.42	6.23	6.18	5.82	6.19	6.06
RIGHT BANK GAGE	6.11	6.42	6.31	6.63	6.48	6.39	6.21	6.16	5.81	6.17	6.05
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-
1	6.37-	6.37-	6.35 BM	6.27 BM	6.31 BM	6.33 BM	6.33 BM	6.33-	6.33-	6.33-	6.33-
2	6.29-	6.29-	6.31 BM	6.28 BM	6.30 BM	6.30 BM	6.30-	6.30-	6.30-	6.19 BM	6.19-
3	5.98 BM	5.98-	6.02 BM	6.07 BM	6.04 BM	6.07 BM	5.89 BM	5.88 BM	5.88-	5.95 BM	5.93 BM
4#	5.55 BM	5.57 S	5.60 BM	5.49 M	5.55 BM	5.52 BM	5.28 BM	5.20 BM	5.12 S	5.13 BM	5.02 BM
5#	4.89 SG	4.95 S	4.99 M	4.97 S	4.92 S	4.94 S	4.96 S	4.92 SG	4.92 S	4.97 FG	4.92 FG
6#	4.92 FG	4.91 G	4.91 G	4.92 G	4.96 G	4.93 G	4.93 G	4.95 CS	5.02 S	5.07 FG	5.13 FG
7	5.12 CS	5.14 SG	5.10 G	5.12 G	5.10 G	5.11 G	5.09 G	5.14 G	5.16 G	5.12 G	5.15 G
8	5.19 FG	5.17 SG	5.19 G	5.19 G	5.21 G	5.18 G	5.17 G	5.17 G	5.24 CG	5.20 CG	5.24 CG
9	5.13 G	5.21 G	5.17 G	5.24 G	5.17 G	5.15 G	5.15 G	5.16 G	5.19 CG	5.16 CG	5.14 CG
10	5.16 G	5.19 G	5.14 G	5.18 G	5.18 G	5.16 G	5.16 G	5.17 G	5.10 SG	5.08 CG	5.13 CG
11	5.13 G	5.16 G	5.13 FG	5.17 G	5.14 G	5.13 G	5.14 G	5.15 G	5.11 G	5.14 G	5.12 G
12	5.14 G	5.13 G	5.13 G	5.13 G	5.14 G	5.11 G	5.12 G	5.17 S	5.09 G	5.09 G	5.10 G
13	5.11 CS	5.13 G	5.12 G	5.13 G	5.10 G	5.10 G	5.12 G	5.16 S	5.09 G	5.06 G	5.06 G
14	5.08 CS	5.09 G	5.07 SG	5.11 FG	5.10 G	5.08 G	5.09 S	5.12 S	5.09 S	5.08 SG	5.04 G
15	5.11 S	5.09 SG	5.09 S	5.10 G	5.07 SG	5.07 G	5.13 S	5.07 G	5.05 G	5.09 S	5.07 CG
16	5.11 S	5.13 S	5.13 S	5.14 S	5.14 S	5.10 G	5.13 S	5.13 S	5.09 G	5.16 S	5.08 CG
17	5.21 S	5.15 S	5.12 S	5.14 S	5.17 S	5.12 G	5.15 S	5.16 S	5.03 S	5.09 CS	5.21 S
18	5.26 S	5.21 S	5.16 G	5.18 SG	5.19 SG	5.14 G	5.28 S	5.18 S	5.25 CS	5.15 G	5.28 S
19	5.28 G	5.26 S	5.25 G	5.26 FG	5.37 S	5.33 S	5.39 S	5.30 S	5.29 S	5.25 CG	5.31 S
20	5.32 S	5.29 S	5.31 S	5.28 S	5.42 S	5.46 S	5.45 S	5.49 S	5.37 S	5.26 G	5.41 S
21	5.44 S	5.48 S	5.47 BM	5.35 S	5.50 S	5.50 S	5.56 S	5.44 S	5.42 FS	5.44 FS	5.42 S
22	6.38-	6.34 BM	6.34-	6.38 BM	6.36 BM	6.34 BM	6.34-	6.34-	6.34-	6.34-	6.34-
23	6.27-	6.27 BM	6.27 BM	6.30 BM	6.26 BM	6.26 BM	6.26-	6.26-	6.26-	6.26-	6.26-
24	6.12-	6.11 BM	6.13 BM	6.14 BM	6.11 BM	6.12 BM	6.12-	6.12-	6.12-	6.12-	6.12-
25	6.31-	6.30 BM	6.31 BM	6.32 BM	6.31 BM	6.32 BM	6.32-	6.32-	6.32-	6.32-	6.32-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.7	0.8	1.0	0.6	0.7	0.9	2.5	2.1	3.4	2.0	2.5
BED ELEVATION	6.13	6.46	6.35	6.65	6.53	6.43	6.23	6.18	5.82	6.19	6.06
RIGHT EDGE WATER	21.6	>25.0	25.0	>25.0	>25.0	>25.0	21.7	21.6	21.6	21.7	21.8
BED ELEVATION	5.68		6.31				5.59	5.59	5.70	5.70	5.73

TABLE 3.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0137, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 929	7- 7 1445	7- 9 1016	7-12 1504	7-16 1705	7-20 1701	7-23 1713	7-26 1251	7-29 1736	9-16 1145	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	5.90	5.70	5.61	5.50	5.44	5.46	5.46	5.44	5.41	5.38	
RIGHT BANK GAGE	5.89	5.70	5.62	5.50	5.45	5.47	5.47	5.44	5.42	5.38	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.71
1	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.27
2	6.19-	6.19-	6.19-	6.19-	6.19-	6.19-	6.19-	6.19-	6.19-	6.19-	6.19
3	5.93-	5.70 BM	5.70-	5.70-	5.70-	5.70-	5.70-	5.70-	5.70-	5.70-	5.70
4#	5.16 FS	5.00 FS	5.09 FS	5.11 FS	5.11 G	5.12 FS	5.08 BM	5.14 BM	5.13 BM	5.16 BM	5.00
5#	4.87 FG	4.86 G	4.88 FG	4.90 CG	4.91 FG	4.92 CG	4.88 G	4.87 G	4.89 FG	4.95 CG	4.82
6#	4.09 FG	4.15 CG	4.12 CG	4.06 CG	4.15 FG	4.14 CG	4.14 CG	4.12 CG	4.12 CG	4.09 CG	4.86
7	3.19 CG	3.20 CG	3.17 CG	3.13 CG	3.23 CG	3.19 CG	3.18 CG	3.16 CG	3.21 CG	3.18 CG	4.70
8	2.28 CG	2.26 CG	2.28 CG	2.23 CG	2.23 CG	2.28 CG	2.24 CG	2.24 CG	2.26 CG	2.25 CG	5.02
9	5.17 CG	5.18 CG	5.20 CG	5.17 SG	5.15 SG	5.19 CG	5.18 FG	5.18 SG	5.20 SG	5.18 CG	5.13
10	5.21 G	5.10 FG	5.11 SG	5.13 SG	5.13 SG	5.14 SG	5.15 FG	5.15 FG	5.17 FG	5.15 SG	5.08
11	5.11 SG	5.09 FG	5.10 CG	5.13 SG	5.13 SG	5.14 SG	5.15 FG	5.15 FG	5.17 FG	5.15 SG	5.09
12	5.11 SG	5.09 FG	5.10 CG	5.13 SG	5.13 SG	5.14 SG	5.15 FG	5.15 FG	5.17 FG	5.15 SG	5.08
13	5.08 CG	5.05 FG	5.10 CG	5.10 SG	5.11 SG	5.11 SG	5.14 SG	5.14 SG	5.17 FG	5.17 FG	5.05
14	5.06 SG	5.06 SG	5.08 SG	5.11 SG	5.09 SG	5.15 SG	5.14 SG	5.14 SG	5.17 FG	5.17 FG	5.04
15	5.08 SG	5.10 SG	5.17 SG	5.18 SG	5.16 SG	5.17 SG	5.17 SG	5.14 SG	5.16 SG	5.15 SG	5.05
16	5.08 SG	5.12 SG	5.17 SG	5.18 SG	5.16 SG	5.17 SG	5.17 SG	5.14 SG	5.16 SG	5.15 SG	5.06
17	5.24 CG	5.20 CG	5.22 CG	5.20 CG	5.22 CG	5.21 FG	5.21 FG	5.23 CG	5.20 CG	5.20 CG	5.03
18	5.31 SG	5.29 SG	5.24 SG	5.22 CG	5.24 CG	5.23 FG	5.23 FG	5.23 FG	5.23 FG	5.28 CG	5.14
19	5.31 SG	5.30 SG	5.29 FG	5.29 FG	5.31 FG	5.30 FG	5.28 FG	5.26 SG	5.30 FG	5.28 CG	5.23
20	5.36 SG	5.30 FG	5.27 FG	5.26 SG	5.26 SG	5.27 SG	5.27 G	5.24 SG	5.25 SG	5.26 CG	4.96
21	5.41 SG	5.40 FG	5.40 FG	5.37 FG	5.38 FG	5.40 FG	5.45 BM	5.36 FG	5.40 FG	5.38 BM	5.32
22	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.28
23	6.26-	6.26-	6.26-	6.26-	6.26-	6.26-	6.26-	6.26-	6.26-	6.26-	6.24
24	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.11
25	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.29
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.2	3.0	3.6	3.7	3.5	3.6	3.5	3.6	3.5	3.7	
BED ELEVATION	5.89	5.70	5.29	5.28	5.31	5.29	5.33	5.24	5.29	5.20	
RIGHT EDGE WATER	21.9	21.8	21.6	21.3	21.2	21.3	21.1	21.2	21.1	21.0	
BED ELEVATION	5.78	5.70	5.62	5.50	5.45	5.47	5.47	5.44	5.42	5.38	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT
 # ERRATIC VALUES OF BED ELEVATION AT DISTANCES 4, 5, AND 6 METERS ARE DUE TO PRESENCE OF PARTIALLY BURIED AUTOMOBILE BODY; OBSERVERS COULD NOT ALWAYS DISCRIMINATE BETWEEN AUTOMOBILE BODY AND TRUE RIVER BED.

TABLE 4.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0178, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1510	5-14 1700	5-16 1435	5-19 1451	5-21 1459	5-22 1240	5-26 1420	5-27 1544	5-28 1530	5-30 1356	6- 1 1335
WATER SURFACE(1)											
LEFT BANK GAGE	5.75	5.69	5.61	5.67	5.99	6.35	6.01	5.83	5.77	5.66	5.66
RIGHT BANK GAGE	5.75	5.69	5.61	5.68	5.98	6.37	6.01	5.83	5.77	5.66	5.66
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.49+	6.49+	6.49+	6.49+	6.49+		6.49+	6.49+	6.49+	6.49+	6.49+
1	6.41+	6.41+	6.41+	6.41+	6.41+		6.41+	6.41+	6.41+	6.41+	6.41+
2	6.12+	6.12+	6.12+	6.12+	6.12+		6.12+	6.12+	6.12+	6.12+	6.12+
3	5.99+	5.99+	5.99+	5.99+	5.99+		6.01	6.01	6.01	6.01	6.01
4	5.62 BM	5.62 BM	5.62-	5.61 BM	5.71 BM		5.69 BM	5.61 BM	5.60 BM	5.62 BM	5.63 BM
5	5.53 G	5.51 G	5.53 G	5.50 BM	5.62 BM		5.56 CG	5.53 BM	5.50 CG	5.50 G	5.50 CG
6	5.35 G	5.37 G	5.36 G	5.36 G	5.49 G		5.40 CG	5.38 CG	5.38 CG	5.37 G	5.37 CG
7	5.31 G	5.31 G	5.31 G	5.30 G	5.37 SG		5.31 CG	5.33 CG	5.32 CG	5.32 CG	5.31 CG
8	5.33 G	5.32 CG	5.31 G	5.32 SG	5.31 CS		5.29 CG	5.33 CG	5.30 CG	5.30 G	5.30 CG
9	5.30 G	5.33 CG	5.34 G	5.30 SG	5.35 CS		5.31 CG	5.33 CG	5.31 CG		
10	5.33 G	5.33 CG	5.32 G	5.32 SG	5.34 CS		5.31 CG	5.32 CG	5.34 CG	5.31 G	5.33 CG
11	5.33 G	5.32 CG	5.32 G	5.34 SG	5.31 FG		5.31 CG	5.32 CG	5.32 CG	5.34 G	5.34 CG
12	5.32 G	5.32 CG	5.32 G	5.33 SG	5.28 CS		5.31 CG	5.33 FG	5.32 CG	5.33 G	5.34 CG
13	5.32 G	5.32 FG	5.31 G	5.33 S	5.20 S		5.30 SG	5.29 FG	5.31 FG	5.34 FG	5.34 FG
14	5.33 SG	5.33 FG	5.32 G	5.35 S	5.33 S		5.31 SG	5.30 FG	5.32 FG	5.34 FG	5.35 FG
15	5.23 SG	5.24 CS	5.23 G	5.25 S	5.26 S		5.33 CS	5.27 FG	5.27 FG	5.27 FG	5.26 FG
16	5.23 G	5.19 CS	5.15 SG	5.15 CS	5.15 CS		5.30 S	5.26 S	5.22 CS	5.14 FG	5.14 FG
17	5.16 G	5.18 CS	5.13 SG	5.11 S	5.08 SG		5.27 S	5.15 S	5.08 CS	5.11 CS	5.08 SG
18	5.10 G	5.10 S	5.04 SG	5.08 S	5.07 SG		5.17 S	5.04 S	5.07 S	5.11 CS	5.05 SG
19	5.07 G	5.08 S	5.05 G	5.07 S	5.08 CS		5.09 SG	5.11 CG	5.11 S	5.07 S	5.07 SG
20	5.17 G	5.19 G	5.17 G	5.18 G	5.19 CS		5.21 SG	5.21 G	5.18 G	5.18 G	5.17 CG
21	5.32 BM	5.36 G	5.31 G	5.37 G	5.67 BM		5.62 BM	5.34 BM	5.37 G	5.37 G	5.38 BM
22	5.98+	5.98+	5.98+	5.98+	5.98 BM		5.98-	5.98-	5.98-	5.98-	5.98-
23	6.67+	6.67+	6.67+	6.67+	6.67+		6.67+	6.67+	6.67+	6.67+	6.67+
24	6.62+	6.62+	6.62+	6.62+	6.62+		6.62+	6.62+	6.62+	6.62+	6.62+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.6	3.8	4.5	3.8	3.0		3.0	3.5	3.6	3.6	3.6
BED ELEVATION	5.75	5.69	5.61	5.67	5.99		6.01	5.83	5.77	5.63	5.66
RIGHT EDGE WATER	21.3	21.3	21.3	21.4	22.0		21.9	21.3	21.5	21.2	21.5
BED ELEVATION	5.70	5.42	5.31	5.44	5.98		6.01	5.83	5.77	5.46	5.47

TABLE 4.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0178, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 1542	6-5 1401	6-7 1538	6-9 1709	6-10 1635	6-11 1700	6-12 1735	6-13 1534	6-14 1646	6-15 1656	6-16 1454
WATER SURFACE(1)											
LEFT BANK GAGE	5.67	5.71	5.77	6.23	6.49	6.71	6.84	6.74	6.63	6.44	6.08
RIGHT BANK GAGE	5.67	5.71	5.77	6.23	6.49	6.70	6.84	6.74	6.63	6.45	6.08
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.49+	6.49+	6.49+	6.49+	6.49 BM	6.50 BM	6.46 BM	6.48 BM	6.48 BM	6.48-	
1	6.41+	6.41+	6.41+	6.41+	6.41 BM	6.41 BM	6.38 BM	6.40 BM	6.42 BM	6.42-	BM
2	6.12+	6.12+	6.12+	6.12+	6.12 BM	6.20 BM	6.08 BM	6.34 BM	6.11 BM	5.99 BM	BM
3	6.01-	6.01-	6.01-	6.01-	6.01 BM	6.07 BM	6.00 BM	6.00 S	5.99 BM	5.96 BM	BM
4	5.62	5.63 BM	5.64 BM	5.59 BM	5.71 S	5.69 FS	5.61 BM	5.68 S	5.62 BM	5.63 BM	BM
5	5.49 G	5.49 G	5.51 G	5.54 FG	5.57 S	5.56 G	5.51 G	5.57 G	5.54 G	5.54 S	G
6	5.37 G	5.38 G	5.37 G	5.53 G	5.55 G	5.50 G	5.51 G	5.53 G	5.53 G	5.51 SG	
7	5.33 CG	5.32 CG	5.30 CG	5.34 G	5.39 G	5.33 G	5.33 G	5.40 G	5.41 FG	5.34 G	G
8	5.30 CG	5.31 CG	5.29 CG	5.29 CG	5.28 G	5.29 G	5.25 G	5.26 G	5.28 G	5.30 G	G
9	5.30 CG	5.31 CG	5.29 CG	5.32 G	5.30 G	5.33 G	5.28 G	5.34 G	5.29 G	5.26 G	G
10	5.33 CG	5.33 CG	5.30 CG	5.33 CS	5.28 G	5.31 G	5.26 G	5.33 G	5.28 G	5.28 G	G
11	5.32 G	5.34 G	5.34 CG	5.34 CS	5.35 S	5.39 S	5.25 G	5.29 G	5.26 G	5.29 G	G
12	5.34 G	5.33 G	5.32 G	5.37 CS	5.37 S	5.39 S	5.25 G	5.34 G	5.28 FG	5.31 SG	
13	5.34 G	5.32 G	5.35 S	5.38 CS	5.39 S	5.46 S	5.35 G	5.44 G	5.38 S	5.34 S	
14	5.35 G	5.33 G	5.42 S	5.39 S	5.39 S	5.40 S	5.37 S	5.38 S	5.32 CS	5.38 S	
15	5.27 FG	5.24 FG	5.29 S	5.24 S	5.42 S	5.29 S	5.32 S	5.28 S	5.29 S	5.29 S	S
16	5.14 FG	5.13 S	5.25 S	5.18 S	5.29 S	5.28 S	5.26 S	5.22 S	5.18 S	5.24 S	S
17	5.07 SG	5.09 SG	5.18 S	5.09 G	5.24 S	5.13 S	5.24 S	5.11 S	5.08 S	5.20 S	S
18	5.07 SG	5.08 S	5.15 SG	5.13 G	5.20 S	5.10 S	5.06 G	5.14 S	5.16 S	5.17 G	G
19	5.09 G	5.07 SG	5.16 S	5.12 G	5.09 S	5.10 G	5.10 G	5.10 G	5.11 FG	5.13 S	S
20	5.18 G	5.17 G	5.19 G	5.18 G	5.19 S	5.20 G	5.21 G	5.21 G	5.21 FG	5.20 G	G
21	5.35 G	5.39 G	5.36 G	5.77 BM	5.67 BM	5.84 BM	5.88 BM	5.70 BM	5.83 S	5.83 BM	BM
22	5.98-	5.98-	5.98-	6.07 BM	6.08 BM	6.09 BM	6.13 BM	6.11 BM	6.06 FS	6.08 BM	BM
23	6.67+	6.67+	6.67+	6.67+	6.67+	6.67 BM	6.66 BM	6.67 BM	6.67-	6.67-	
24	6.62+	6.62+	6.62+	6.62+	6.62+	6.62+	6.62 BM	6.62-	6.62-	6.62-	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	3.6 5.67	3.7 5.71	3.5 5.77	1.8 6.23	0.0 6.49	< 0.0	< 0.0	< 0.0	< 0.0	0.3 6.44	
RIGHT EDGE WATER BED ELEVATION	21.2 5.39	21.5 5.50	21.4 5.47	22.5 6.21	22.4 6.19	23.0 6.67	>24.0	23.5 6.64	22.5 6.63	22.3 6.16	

TABLE 4.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0178, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME WATER SURFACE(1) LEFT BANK GAGE RIGHT BANK GAGE	6-17 1505	6-18 1635	6-19 1455	6-20 1549	6-21 1541	6-23 1448	6-25 910	6-27 954	6-29 939	7- 1 1543	7- 3 1600
	6.17	6.47	6.38	6.67	6.54	6.45	6.25	6.22	5.87	6.23	6.11
	6.17	6.48	6.38	6.68	6.54	6.45	6.26	6.23	5.87	6.23	6.11
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.48-	6.47 BM	6.47-	6.47 BM	6.48 BM	6.45 BM	6.45-	6.45-	6.45-	6.45-	6.45-
1	6.42-	6.42 BM	6.42-	6.41 BM	6.41 BM	6.43 BM	6.43-	6.43-	6.43-	6.43-	6.43-
2	6.14 BM	6.31 BM	6.15 BM	6.27 BM	6.17 BM	6.16 BM	6.14 BM	6.14 BM	6.14-	6.15 BM	6.11 BM
3	5.97 BM	6.02 BM	6.04 BM	6.00 BM	6.04 BM	6.04 BM	6.02 BM	6.02 BM	6.02-	6.03 BM	5.98 BM
4	5.64 BM	5.69 S	5.64 BM	5.67 S	5.65 BM	5.67 BM	5.60 BM	5.66 BM	5.61 G	5.61 BM	5.61 FG
5	5.55 G	5.59 G	5.55 G	5.55 G	5.54 G	5.56 G	5.54 BM	5.56 SG	5.50 CG	5.54 BM	5.51 CG
6	5.49	5.57	5.47	5.52	5.53	5.53	5.43	5.52	5.43	5.41	5.37
7	5.34 FG	5.38	5.34	5.35	5.34	5.37	5.31	5.30	5.31	5.30	5.28
8	5.27	5.35	5.27	5.27	5.26	5.28 FG	5.27	5.26	5.28	5.28	5.28
9	5.25	5.25	5.28	5.27	5.26	5.28	5.24	5.22 SG	5.25	5.24	5.24
10	5.30	5.31	5.29	5.27	5.33 FG	5.29	5.25	5.27	5.27	5.27	5.29
11	5.27	5.27	5.28	5.37	5.35	5.34	5.28	5.31	5.30	5.30	5.30
12	5.29	5.24	5.31	5.45	5.37	5.38	5.33	5.33	5.36	5.41	5.39
13	5.34	5.28	5.38	5.47	5.36	5.32	5.33	5.33	5.41	5.42	5.41
14	5.30	5.22	5.39	5.37	5.31	5.38	5.39	5.39	5.43	5.37	5.50
15	5.29	5.20	5.30	5.27	5.32	5.45	5.34	5.36	5.38	5.35	5.38
16	5.15	5.18	5.28	5.12	5.27	5.35	5.29	5.33	5.38	5.25	5.28
17	5.09	5.12	5.21	5.23	5.09	5.20	5.18	5.33	5.13	5.19	5.09
18	5.08	5.14	5.12	5.13	5.07	5.11	5.14	5.13	5.05	5.03	5.11
19	5.09	5.12	5.13	5.13	5.05	5.11	5.11	5.12	5.13	5.10	5.08
20	5.22	5.23	5.21	5.20	5.21	5.22	5.18	5.22	5.18	5.20	5.20
21	5.75	6.11	5.85	5.83	5.84	5.84	5.66	5.74	5.62	5.66	5.34
22	6.07 BM	6.06 BM	6.08 BM	6.11 BM	6.07 BM	6.07 BM	6.02 BM	6.09 BM	6.09-	5.99	5.99
23	6.67-	6.67-	6.67-	6.68 BM	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-
24	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.9	0.0	1.5	< 0.0	< 0.0	0.0	1.8	1.9	3.3	1.8	2.0
BED ELEVATION	6.17	6.47	6.38			6.45	6.25	6.22	5.87	6.23	6.11
RIGHT EDGE WATER	22.2	22.2	22.3	23.0	22.2	22.1	22.4	22.5	21.6	22.4	22.4
BED ELEVATION	6.17	6.15	6.18	6.68	6.17	6.13	6.21	6.19	5.87	6.20	6.11

TABLE 4.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0178, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 935	7- 7 1339	7- 9 1022	7-12 1458	7-16 1658	7-20 1655	7-23 1709	7-26 1248	7-29 1734	9-16 1131	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	5.95	5.76	5.67	5.54	5.47	5.50	5.50	5.48*	5.45*	5.40	
RIGHT BANK GAGE	5.95	5.76	5.67	5.55	5.48	5.50	5.51	5.48	5.45	5.40	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.45-	6.45-	6.45-	6.45-	6.45-	6.45-	6.45-	6.45-	6.45-	6.45-	6.45
1	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.38
2	6.11-	6.11-	6.11-	6.11-	6.11-	6.11-	6.11-	6.11-	6.11-	6.11-	5.99
3	5.98-	5.98-	5.98-	5.98-	5.98-	5.98-	5.98-	5.98-	5.98-	5.98-	5.96
4	5.61 G	5.61 BM	5.61 BM	5.61-	5.61-	5.61-	5.61-	5.61-	5.61-	5.61-	5.59
5	5.47 G	5.47 G	5.49 SG	5.49 G	5.49-	5.49-	5.49 G	5.48 G	5.48-	5.48-	5.47
6	5.38 G	5.38 G	5.39 CG	5.39 G	5.39 CG	5.39 CG	5.40 G	5.39 G	5.40 CG	5.39 G	5.14
7	5.30 G	5.29 G	5.29 CG	5.32 G	5.27 CG	5.29 CG	5.30 CG	5.31 CG	5.32 CG	5.29 G	5.11
8	5.25 G	5.25 G	5.25 CG	5.25 G	5.27 CG	5.28 CG	5.28 CG	5.28 G	5.28 CG	5.28 CG	5.07
9	5.25 G	5.26 G	5.26 CG	5.24 G	5.25 CG	5.27 CG	5.26 G	5.27 CG	5.25 G	5.25 G	4.99
10	5.28 G	5.29 G	5.30 CG	5.27 G	5.28 CG	5.29 CG	5.29 G	5.28 G	5.31 G	5.30 G	4.89
11	5.32 G	5.35 G	5.34 FG	5.33 G	5.33 G	5.33 G	5.31 G	5.34 G	5.33 G	5.35 G	4.91
12	5.43 FG	5.46 FG	5.45 FG	5.43 FG	5.44 FG	5.44 FG	5.45 FG	5.46 FG	5.44 FG	5.44-	5.13
13	5.45 FG	5.39 FG	5.38 FG	5.37 FG	5.38 FG	5.38 FG	5.39 FG	5.38 FG	5.39 FG	5.39-	5.13
14	5.47 FG	5.36 FG	5.34 FG	5.34 FG	5.35 FG	5.35 FG	5.35 FG	5.36 SG	5.34 SG	5.33 CS	5.16
15	5.32 CS	5.35 CS	5.28 S	5.24 FG	5.25 FG	5.21 FG	5.22 CS	5.23 SG	5.22 SG	5.20 SG	5.07
16	5.15 S	5.26 S	5.23 S	5.19 SG	5.12 SG	5.13 S	5.10 S	5.16 S	5.15 S	5.11 SG	5.08
17	5.23 S	5.15 S	5.17 S	5.13 S	5.06 SG	5.06 SG	5.10 S	5.09 S	5.07 S	5.06 SG	5.01
18	5.13 S	5.16 S	5.03 S	5.05 S	5.05 SG	5.03 SG	5.01 S	5.08 S	5.04 S	5.05 SG	4.97
19	5.17 S	5.11 G	5.07 S	5.08 G	5.09 CG	5.09 CG	5.08 S	5.08 G	5.12 G	5.08 G	5.05
20	5.18 G	5.18 G	5.20 G	5.24 G	5.24 M	5.23 M	5.24 M	5.23 M	5.24 M	5.20 G	5.17
21	5.34 G	5.38 G	5.35 G	5.35 G	5.36 BM	5.39 BM	5.38 G	5.32 G	5.34 G	5.34 G	5.31
22	5.92 BM	5.92-	5.92-	5.92-	5.92-	5.92-	5.92-	5.92-	5.92-	5.92-	5.92
23	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.66
24	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.1	3.4	3.6	4.4	5.3	5.1	4.9	5.0	5.4	5.9	
BED ELEVATION	5.95	5.76	5.67	5.54	5.47	5.50	5.50	5.48	5.45	5.40	
RIGHT EDGE WATER	22.1	21.7	21.3	21.3	21.0	21.0	21.3	21.2	21.3	21.2	
BED ELEVATION	5.95	5.76	5.67	5.54	5.36	5.39	5.50	5.44	5.43	5.40	
LEFT EDGE BAR										11.4	
BED ELEVATION										5.40	
RIGHT EDGE BAR										13.3	
BED ELEVATION										5.40	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 5.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0220, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1518	5-14 1646	5-16 1325	5-19 1445	5-21 1450	5-22 1250	5-26 1404	5-27 1540	5-28 1525	5-30 1351	6- 1 1326
WATER SURFACE(1)											
LEFT BANK GAGE	5.76	5.71	5.63	5.70	6.00	6.37	6.02	5.84	5.78	5.68	5.67
RIGHT BANK GAGE	5.78	5.72	5.64	5.70	6.00	6.37	6.03	5.85*	5.79	5.69	5.68
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.76+	6.76+	6.76+	6.76+	6.76+		6.76+	6.76+	6.76+	6.76+	6.76+
1	6.40+	6.40+	6.40+	6.40+	6.40+		6.40+	6.40+	6.40+	6.40+	6.40+
2	6.30+	6.30+	6.30+	6.30+	6.30+		6.30+	6.30+	6.30+	6.30+	6.30+
3	5.55 BM	5.56 BM	5.63 BM	5.60 BM	5.70 BM		5.52 BM	5.68 BM	5.56 BM	5.63 BM	5.59 BM
4	5.31 CG	5.31 CG	5.33 CG	5.31 BM	5.31 G		5.31 CG	5.32 CG	5.32 CG	5.32 CG	5.32 CG
5	5.38 CG	5.39 CG	5.36 CG	5.38 CG	5.32 G		5.35 CG	5.39 CG	5.38 CG	5.36 CG	5.40 CG
6	5.41 CG	5.41 CG	5.41 CG	5.41 CG	5.40 G		5.40 CG	5.41 CG	5.41 CG	5.42 CG	5.42 CG
7	5.43 CG	5.45 CG	5.42 CG	5.42 CG	5.39 G		5.42 CG	5.41 CG	5.43 CG	5.43 CG	5.44 CG
8	5.43 CG	5.47 CG	5.47 CG	5.47 CG	5.41 G		5.45 CG	5.43 CG	5.42 CG	5.46 CG	5.45 CG
9	5.43 CG	5.46 CG	5.42 CG	5.48 CG	5.42 G		5.42 CG	5.43 CG	5.41 CG	5.42 CG	5.44 CG
10	5.45 CG	5.46 CG	5.42 CG	5.41 CG	5.41 G		5.40 CG	5.42 CG	5.40 CG	5.42 CG	5.41 CG
11	5.40 CG	5.42 CG	5.42 CG	5.42 CG	5.43 SG		5.40 CG	5.42 CG	5.39 CG	5.40 CG	5.40 CG
12	5.36 CG	5.39 CG	5.39 CG	5.36 CG	5.40 S		5.39 CG	5.34 CG	5.37 CG	5.37 CG	5.36 CG
13	5.30 CG	5.33 CG	5.34 CG	5.32 CG	5.39 S		5.32 CG	5.32 CG	5.31 CG	5.31 CG	5.31 CG
14	5.27 FG	5.28 G	5.28 G	5.26 G	5.38 S		5.25 CG	5.27 FG	5.27 CG	5.27 CG	5.28 G
15	5.24 FG	5.25 FG	5.26 G	5.25 FG	5.41 S		5.27 CS	5.32 FG	5.31 FG	5.39 G	5.33 FG
16	5.26 SG	5.23 FG	5.22 G	5.16 SG	5.31 S		5.29 CS	5.33 FG	5.31 FG	5.27 G	5.23 FG
17	5.26 CS	5.18 SG	5.16 G	5.15 S	5.17 S		5.32 CS	5.29 FG	5.29 SG	5.24 G	5.18 FG
18	5.23 CS	5.18 S	5.16 S	5.13 SG	5.19 S		5.34 CS	5.26 CS	5.27 CS	5.20 CS	5.17 SG
19	5.19 S	5.18 S	5.12 S	5.17 S	5.23 S		5.27 CS	5.17 S	5.24 CS	5.16 S	5.13 SG
20	5.13 G	5.22 G	5.15 G	5.22 S	5.15 S		5.40 FS	5.24 FS	5.18 SG	5.18 SG	5.23 BM
21	5.65+	5.65+	5.65+	5.65+	5.65 S		5.86 BM	5.86-	5.86-	5.86-	5.86-
22	6.59+	6.59+	6.59+	6.59+	6.59+		6.59+	6.59+	6.59+	6.59+	6.59+
23	6.72+	6.72+	6.72+	6.72+	6.72+		6.72+	6.72+	6.72+	6.72+	6.72+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.9	3.0	3.0	3.0	2.8		2.9	2.9	2.9	2.9	2.9
BED ELEVATION	5.72	5.56	5.63	5.60	6.00		5.62	5.68	5.68	5.68	5.67
RIGHT EDGE WATER	20.6	20.5	20.4	20.5	21.3		21.3	20.8	20.9	20.5	20.3
BED ELEVATION	5.77	5.72	5.64	5.70	6.00		6.03	5.84	5.79	5.68	5.34

TABLE 5.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0220, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1539	6- 5 1349	6- 7 1526	6- 9 1710	6-10 1635	6-11 1704	6-12 1749	6-13 1510	6-14 1631	6-15 1641	6-16 1453
WATER SURFACE(1)											
LEFT BANK GAGE	5.68	5.72	5.79	6.25	6.51	6.73	6.87	6.77	6.66	6.46	6.09
RIGHT BANK GAGE	5.69	5.73	5.80	6.25	6.49	6.70	6.84	6.75	6.64	6.45	6.09
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.76+	6.76+	6.76+	6.76+	6.76+	6.76+	6.76 BM	6.78 BM	6.78-	6.78-	
1	6.40+	6.40+	6.40+	6.40+	6.40 BM	6.57 BM	6.59 BM	6.56 BM	6.56 BM	6.56-	
2	6.30+	6.30+	6.30+	6.30+	6.30 BM	6.23 BM	6.33 BM	6.36 BM	6.28 BM	6.31 BM	
3	5.59 BM	5.54 BM	5.66 BM	5.65 BM	6.00 BM	5.54 BM	5.47 BM	5.57 S	5.55 BM	5.55 BM	
4	5.33 CG	5.32 G	5.31 CG	5.33 G	5.39 CS	5.33 G	5.33 G	5.39 G	5.35 G	5.33 G	
5	5.41 CG	5.39 CG	5.39 CG	5.34 SG	5.35 CS	5.33 G	5.34 G	5.37 G	5.33 CG	5.33 G	
6	5.40 CG	5.42 CG	5.41 CG	5.38 SG	5.39 G	5.37 G	5.37 G	5.45 G	5.38 G	5.41 G	
7	5.44 CG	5.43 CG	5.44 CG	5.41 SG	5.40 G	5.39 FG	5.40 G	5.42 G	5.39 G	5.41 G	
8	5.42 CG	5.42 CG	5.41 CG	5.45 G	5.41 G	5.42 G	5.42 G	5.47 G	5.44 G	5.43 G	
9	5.42 CG	5.41 CG	5.43 CG	5.45 G	5.39 G	5.42 G	5.40 G	5.42 G	5.42 G	5.44 G	
10	5.40 CG	5.40 CG	5.38 SG	5.41 G	5.41 G	5.40 G	5.39 G	5.39 G	5.38 G	5.41 G	
11	5.38 CG	5.37 CG	5.38 SG	5.40 G	5.36 SG	5.40 G	5.40 G	5.38 G	5.40 G	5.39 G	
12	5.36 CG	5.34 SG	5.37 CS	5.37 S	5.37 S	5.33 G	5.37 G	5.36 G	5.35 G	5.36 G	
13	5.31 CG	5.31 SG	5.30 CS	5.37 S	5.39 S	5.34 S	5.35 S	5.35 S	5.32 G	5.32 G	
14	5.26 G	5.26 SG	5.29 S	5.44 S	5.45 S	5.39 S	5.47 S	5.43 S	5.33 S	5.38 S	
15	5.32 G	5.32 SG	5.33 S	5.40 S	5.44 S	5.46 S	5.42 S	5.39 S	5.43 S	5.33 S	
16	5.22 SG	5.22 S	5.25 S	5.45 S	5.39 S	5.51 S	5.45 S	5.30 S	5.36 S	5.21 S	
17	5.19 SG	5.24 S	5.22 S	5.39 S	5.33 S	5.49 S	5.36 S	5.50 S	5.37 S	5.15 S	
18	5.18 S	5.24 S	5.24 S	5.16 S	5.28 S	5.42 S	5.30 S	5.24 S	5.34 S	5.17 S	
19	5.14 S	5.17 S	5.28 S	5.17 S	5.31 S	5.28 S	5.33 S	5.22 S	5.22 S	5.31 S	
20	5.20 G	5.17 G	5.20 S	5.27 FS	5.32 S	5.42 S	5.34 S	5.42 S	5.38 S	5.37 S	
21	5.86-	5.86-	5.86-	5.70 BM	5.83 BM	6.15 S	5.84 M	5.82 S	5.84 BM	5.68 BM	
22	6.59+	6.59+	6.59+	6.59+	6.59+	6.59 BM	6.60 BM	6.58 BM	6.59 BM	6.59-	
23	6.72+	6.72+	6.72+	6.72+	6.72+	6.72+	6.72 BM	6.72-	6.72-	6.72-	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.8	2.9	2.9	2.3	0.8	0.1	< 0.0	0.0	0.5	1.6	
BED ELEVATION	5.68	5.72	5.71	6.25	6.51	6.73		6.78	6.67	6.42	
RIGHT EDGE WATER	20.4	20.5	20.6	21.5	21.6	22.4	>23.0	22.8	22.4	21.8	
BED ELEVATION	5.34	5.44	5.80	6.22	6.49	6.70		6.69	6.64	6.45	

TABLE 5.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0220, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1524	6-18 1611	6-19 1510	6-20 1531	6-21 1525	6-23 1511	6-25 921	6-27 1010	6-29 945	7- 1 1537	7- 3 1554
WATER SURFACE(1)											
LEFT BANK GAGE	6.18	6.50	6.39	6.69	6.56	6.47	6.28	6.24	5.89	6.24	6.12
RIGHT BANK GAGE	6.18	6.48	6.37	6.66	6.55	6.45	6.27	6.25	5.89	6.24	6.12
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-
1	6.56-	6.56-	6.56-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
2	6.31-	6.26-	6.31-	6.40-	6.38-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-
3	6.64-	6.58-	6.58-	6.85-	6.71-	6.57-	6.53-	6.62-	6.48-	6.56-	6.49-
4	5.30 CG	5.42 G	5.31 G	5.32 CG	5.33 G	5.32 G	5.32 CG	5.29 G	5.31 G	5.31 G	5.30 G
5	5.35 CG	5.36 CG	5.34 G	5.32 G	5.35 CG	5.36 CG	5.36 CG	5.32 G	5.37 CG	5.35 CG	5.36 CG
6	5.38 CG	5.42 CG	5.37 G	5.39 CG	5.38 CG	5.39 CG	5.40 CG	5.37 G	5.39 CG	5.38 CG	5.39 CG
7	5.41 CG	5.42 CG	5.39 G	5.39 CG	5.41 CG	5.39 CG	5.41 CG	5.38 CG	5.43 CG	5.40 CG	5.41 CG
8	5.45 CG	5.46 CG	5.43 G	5.38 G	5.43 CG	5.42 CG	5.43 CG	5.40 G	5.43 CG	5.43 CG	5.40 CG
9	5.41 CG	5.41 G	5.40 G	5.38 G	5.37 G	5.41 CG	5.40 G	5.40 G	5.42 G	5.40 CG	5.40 CG
10	5.39 CG	5.41 G	5.37 G	5.40 G	5.37 G	5.39 CG	5.40 CG	5.36 CG	5.39 CG	5.41 CG	5.40 CG
11	5.38 CG	5.39 CG	5.37 G	5.38 CG	5.40 CG	5.39 CG	5.37 G	5.35 CG	5.39 CG	5.41 CG	5.39 CG
12	5.36 CG	5.39 CG	5.38 CG	5.37 G	5.39 CG	5.39 CG	5.37 G	5.34 CG	5.36 CG	5.41 CG	5.37 CG
13	5.32 CG	5.37 CG	5.41 CG	5.42 CG	5.39 CG	5.39 CG	5.37 G	5.30 CG	5.36 CG	5.32 CG	5.36 CG
14	5.30 CG	5.39 CG	5.41 CG	5.39 CG	5.30 CG	5.33 CG	5.43 CG	5.29 CG	5.36 CG	5.32 CG	5.35 CG
15	5.22 FG	5.44 S	5.31 S	5.40 S	5.35 S	5.32 S	5.41 S	5.26 S	5.31 S	5.22 SG	5.32 S
16	5.26 S	5.29 S	5.23 S	5.27 S	5.28 S	5.31 S	5.32 S	5.31 S	5.34 S	5.30 S	5.33 S
17	5.25 S	5.28 S	5.26 S	5.26 S	5.26 S	5.31 S	5.31 S	5.30 S	5.33 S	5.22 S	5.30 S
18	5.21 S	5.28 S	5.19 S	5.36 S	5.25 S	5.36 S	5.30 S	5.28 S	5.26 S	5.14 S	5.22 S
19	5.18 S	5.23 S	5.18 S	5.14 G	5.22 S	5.34 S	5.27 S	5.15 G	5.14 G	5.20 S	5.23 S
20	5.31 BM	5.34 S	5.44 M	5.46 S	5.43 S	5.42 S	5.38 S	5.37 S	5.23 S	5.30 S	5.29 FS
21	5.99 BM	5.80 BM	5.96 BM	6.24 BM	5.87 BM	5.95 BM	5.83 BM	5.99 BM	5.99 S	6.00 BM	5.95 BM
22	6.59-	6.59-	6.59-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-
23	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.6	1.5	1.7	0.5	1.3	1.6	2.3	2.5	2.8	2.3	2.3
BED ELEVATION	6.18	6.50	6.39	6.70	6.56	6.44	6.28	6.09	5.88	6.24	6.12
RIGHT EDGE WATER	21.4	21.8	21.6	22.6	21.9	21.9	21.5	21.4	20.8	21.5	21.4
BED ELEVATION	6.17	6.48	6.37	6.65	6.54	6.45	6.27	6.25	5.89	6.24	6.12

TABLE 5.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0220, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 942	7- 7 1435	7- 9 1030	7-12 1454	7-16 1651	7-20 1650	7-23 1705	7-26 1242	7-29 1726	9-16 1116	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	5.97	5.77	5.68	5.56	5.50	5.52	5.53	5.50	5.47	5.42	
RIGHT BANK GAGE	5.97	5.78	5.69	5.57	5.50	5.52	5.53	5.50	5.47	5.42	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.76
1	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.40
2	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.23
3	5.47 BM	5.54 BM	5.53 BM	5.56 BM	5.56-	5.52 BM	5.53 BM	5.50 BM	5.47 BM	5.47-	5.47
4	5.32 CG	5.32 CG	5.31 CG	5.29 CG	5.31 G	5.30 CG	5.31 G	5.30 CG	5.31 CG	5.30 CG	5.29
5	5.38 CG	5.37 CG	5.40 CG	5.37 CG	5.38 CG	5.39 CG	5.35 G	5.39 CG	5.38 CG	5.39 CG	5.32
6	5.42 CG	5.42 CG	5.41 CG	5.41 CG	5.42 CG	5.41 CG	5.40 CG	5.40 CG	5.42 CG	5.41 CG	5.37
7	5.42 CG	5.44 CG	5.42 CG	5.42 CG	5.42 CG	5.42 CG	5.42 CG	5.44 CG	5.45 CG	5.41 CG	5.38
8	5.40 CG	5.40 CG	5.42 CG	5.42 CG	5.40 CG	5.40 CG	5.42 CG	5.41 CG	5.41 CG	5.41 CG	5.38
9	5.39 CG	5.43 CG	5.42 CG	5.41 FG	5.42 CG	5.43 CG	5.41 CG	5.40 CG	5.44 CG	5.41 CG	5.37
10	5.39 CG	5.43 G	5.44 CG	5.40 CG	5.42 CG	5.41 CG	5.41 SG	5.40 SG	5.44 SG	5.41 G	5.36
11	5.39 CG	5.39 G	5.38 G	5.41 G	5.41 G	5.40 CG	5.41 SG	5.40 CG	5.41 SG	5.40 SG	5.35
12	5.36 FG	5.37 G	5.37 G	5.36 G	5.38 FG	5.37 SG	5.38 SG	5.38 SG	5.38 SG	5.39 S	5.33
13	5.35 SG	5.33 FG	5.33 FG	5.33 G	5.32 SG	5.31 SG	5.33 G	5.32 SG	5.34 CG	5.32 S	5.30
14	5.29 S	5.33 SG	5.29 FG	5.27 FG	5.28 SG	5.29 SG	5.27 SG	5.28 SG	5.26 SG	5.25 S	5.18
15	5.27 S	5.29 S	5.24 CS	5.22 FG	5.22 CG	5.22 SG	5.22 G	5.21 SG	5.23 SG	5.22 SG	5.13
16	5.25 S	5.27 S	5.25 S	5.16 SG	5.20 FS	5.16 G	5.20 S	5.20 S	5.19 S	5.17 SG	5.11
17	5.22 S	5.22 S	5.21 S	5.17 SG	5.18 SG	5.19 FS	5.23 S	5.15 S	5.20 S	5.14 SG	5.09
18	5.27 S	5.18 S	5.16 S	5.15 S	5.10 SG	5.12 FS	5.23 S	5.18 FS	5.15 S	5.11 SG	5.07
19	5.22 S	5.18 S	5.16 S	5.13 SG	5.12 SG	5.13 FS	5.22 S	5.13 FS	5.15 CG	5.12 SG	5.02
20	5.26 BM	5.26 BM	5.24 FS	5.19 G	5.29 FS	5.27 FS	5.23 FS	5.21 S	5.23 S	5.22 S	5.13
21	5.97 BM	5.97-	5.97-	5.97-	5.97-	5.97-	5.97-	5.97-	5.97-	5.97-	5.65
22	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56
23	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.7	2.8	2.8	3.0	3.1	3.0	3.0	3.0	3.0	3.1	
BED ELEVATION	5.89	5.77	5.68	5.56	5.50	5.52	5.53	5.50	5.47	5.42	
RIGHT EDGE WATER	21.0	20.4	20.4	20.2	20.3	20.4	20.2	20.3	20.3	20.2	
BED ELEVATION	5.97	5.78	5.69	5.32	5.38	5.38	5.35	5.37	5.35	5.32	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 6.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0257, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1500	5-14 1745	5-16 1420	5-19 1440	5-21 1444	5-22 1252	5-26 1347	5-27 1534	5-28 1515	5-30 1342	6- 1 1325
WATER SURFACE(1)											
LEFT BANK GAGE	5.80	5.74	5.66	5.73	6.04	6.43	6.06	5.87	5.82	5.71	5.70
RIGHT BANK GAGE	5.79	5.73*	5.65*	5.72	6.03	6.39	6.05	5.86	5.81	5.70	5.70
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.65+	6.65+	6.65+	6.65+	6.65+		6.65+	6.65+	6.65+	6.65+	6.65+
1	5.56 BM	5.67 BM	5.66 BM	5.73 BM	5.66 BM		5.66-	5.67 BM	5.69 BM	5.51 BM	5.60 CG
2	5.24 BM	5.25 BM	5.22 BM	5.25 BM	5.32 BM		5.22 SG	5.15 BM	5.22 SG	5.22 BM	5.21 CG
3	5.03 G	5.05 G	5.06 CG	5.06 CG	5.02 SG		5.17 S	5.03 CG	5.05 G	5.06 G	5.04 CG
4	5.03 G	5.02 G	5.02 CG	5.01 CG	5.02 G		5.06 CG	5.02 CG	5.01 G	5.06 G	5.02 CG
5	5.02 G	5.02 G	4.93 CG	5.08 S	5.07 G		5.04 CG	5.02 CG	5.01 G	5.03 CG	5.02 CG
6	5.04 G	5.05 G	5.07 CG	5.08 S	5.08 G		5.09 CG	5.07 CG	5.04 G	5.06 G	5.05 CG
7	5.09 G	5.10 G	5.09 CG	5.17 S	5.09 G		5.10 CG	5.08 CG	5.07 G	5.08 G	5.04 CG
8	5.10 G	5.11 G	5.07 G	5.15 S	5.15 S		5.09 CG	5.08 CG	5.10 G	5.07 G	5.08 CG
9	5.10 G	5.11 G	5.09 SG	5.12 S	5.13 S		5.09 CG	5.12 CG	5.11 G	5.11 SG	5.10 CG
10	5.09 G	5.11 S	5.13 S	5.20 S	5.14 S		5.09 CG	5.12 S	5.10 G	5.11 SG	5.10 G
11	5.13 S	5.18 S	5.13 S	5.22 S	5.21 S		5.16 S	5.14 S	5.10 S	5.12 S	5.16 S
12	5.18 S	5.17 S	5.21 S	5.24 FS	5.33 S		5.18 S	5.25 S	5.23 S	5.22 S	5.21 S
13	5.64 S	5.68 BM	5.68-	5.64 M	5.67 BM		5.51 S	5.58 S	5.56 M	5.53 BM	5.52 S
14	5.79 S	5.79-	5.79-	5.79-	5.87 BM		5.84 S	5.84-	5.84-	5.84-	5.84-
15	6.63+	6.63+	6.63+	6.63+	6.63+		6.63+	6.63+	6.63+	6.63+	6.63+
16	6.57+	6.57+	6.57+	6.57+	6.57+		6.57+	6.57+	6.57+	6.57+	6.57+
17	6.45+	6.45+	6.45+	6.45+	6.45+		6.45+	6.45+	6.45+	6.45+	6.45+
18	6.39+	6.39+	6.39+	6.39+	6.39+		6.39+	6.39+	6.39+	6.39+	6.39+
19	6.42+	6.42+	6.42+	6.42+	6.42+		6.42+	6.42+	6.42+	6.42+	6.42+
20	6.02+	6.02+	6.02+	6.02+	6.02+		6.02 FS	6.02-	6.02-	6.02-	6.02-
21	5.82+	5.82+	5.82+	5.82+	5.82 BM		6.02 FS	6.02-	6.02-	6.02-	6.02-
22	5.97+	5.97+	5.97+	5.97+	5.97 S		6.00 FS	6.00-	6.00-	6.00-	6.00-
23	6.00+	6.00+	6.00+	6.00+	6.00 S		6.00 FS	6.00-	6.00-	6.00-	6.00-
24	5.96+	5.96+	5.96+	5.96+	5.96 S		6.00 FS	6.00-	6.00-	6.00-	6.00-
25	6.35+	6.35+	6.35+	6.35+	6.35+		6.35+	6.35+	6.35+	6.35+	6.35+
26	6.36+	6.36+	6.36+	6.36+	6.36+		6.36+	6.36+	6.36+	6.36+	6.36+
27	6.38+	6.38+	6.38+	6.38+	6.38+		6.38+	6.38+	6.38+	6.38+	6.38+
28	6.62+	6.62+	6.62+	6.62+	6.62+		6.62+	6.62+	6.62+	6.62+	6.62+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.5	1.0	1.0	1.0	1.0		1.3	0.7	1.0	0.6	0.9
BED ELEVATION	5.80	5.67	5.66	5.73	5.66		5.56	5.71	5.69	5.71	5.70
RIGHT EDGE WATER	14.0	13.6	12.9	13.6	24.8		24.0	13.9	13.9	13.6	13.8
BED ELEVATION	5.79	5.73	5.65	5.72	6.01		6.00	5.86	5.81	5.70	5.70
LEFT EDGE BAR					14.1		14.0				
BED ELEVATION					6.03		5.84				
RIGHT EDGE BAR					21.0		20.0				
BED ELEVATION					5.82		6.02				

TABLE 6.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0257, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1522	6- 5 1317	6- 7 1517	6- 9 1649	6-10 1604	6-11 1643	6-12 1714	6-13 1525	6-14 1610	6-15 1624	6-16 1218
WATER SURFACE(1)											
LEFT BANK GAGE	5.72	5.76	5.83	6.30	6.56	6.77	6.91	6.81	6.71	6.51	6.17
RIGHT BANK GAGE	5.71	5.75	5.82	6.27	6.52	6.73	6.87	6.77	6.67	6.48	6.14
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.65+ BM	6.65+ BM	6.65+ BM	6.65+ BM	6.65+ BM	6.65 BM	6.63 BM	6.60 BM	6.61 BM	6.61- BM	6.61- BM
1	5.72 CG	5.64 BM	5.63 CG	5.58 CG	5.68 CG	5.82 BM	5.49 CG	5.48 BM	5.50 BM	5.53 CG	5.67 BM
2	5.73 CG	5.20 CG	5.18 CG	5.06 CG	5.22 CG	5.16 CG	5.02 HB	5.13 CG	5.10 CG	5.08 CG	5.12 HB
3	5.03 CG	5.04 CG	5.01 CG	5.04 CG	5.10 CG	5.06 CG	5.21 CG	5.03 CG	5.02 CG	5.19 CG	5.11 CG
4	5.02 CG	5.08 CG	5.10 CG	5.04 CG	5.98 CG	4.97 CG	5.15 CG	5.04 CG	5.05 HB	5.05 CG	5.01 CG
5	5.09 CG	5.09 CG	5.07 CG	5.07 CG	5.01 CG	5.05 CG	5.03 CG	5.03 CG	5.08 HB	5.05 CG	5.05 CG
6	5.11 CG	5.07 CG	5.07 CG	5.11 HB	5.07 CG	5.05 CG	5.06 CG	5.05 CG	5.08 CG	5.06 CG	5.08 CG
7	5.16 CG	5.09 CG	5.08 CG	5.11 CG	5.09 CG	5.04 CG	5.04 CG	5.10 CG	5.08 CG	5.10 CG	5.08 CG
8	5.17 CG	5.25 CG	5.08 CG	5.17 CG	5.17 CG	5.12 CG	5.05 CG	5.08 CG	5.09 CG	5.07 CG	5.08 CG
9	5.18 CG	5.27 CG	5.20 CG	5.20 CG	5.23 CG	5.12 CG	5.09 CG	5.08 CG	5.08 CG	5.12 CG	5.07 CG
10	5.13 CG	5.24 CG	5.24 CG	5.26 CG	5.28 CG	5.20 CG	5.13 CG	5.11 CG	5.23 CG	5.17 CG	5.09 CG
11	5.20 CG	5.13 CG	5.15 CG	5.21 CG	5.30 CG	5.24 CG	5.27 CG	5.25 CG	5.18 CG	5.22 CG	5.12 CG
12	5.23 CG	5.25 CG	5.26 CG	5.26 CG	5.32 CG	5.21 CG	5.28 CG	5.27 CG	5.16 CG	5.17 CG	5.18 CG
13	5.28 CG	5.25 CG	5.26 CG	5.28 CG	5.35 CG	5.36 CG	5.36 CG	5.39 CG	5.36 CG	5.37 CG	5.36 CG
14	5.84- BM	5.84- BM	5.84- BM	5.81 BM	6.37 BM	6.38 BM	6.01 BM	6.42 BM	6.37 BM	6.48 BM	6.48- BM
15	6.63+ BM	6.63+ BM	6.63+ BM	6.63+ BM	6.63+ BM	6.63 BM	6.65 BM	6.67 BM	6.66 BM	6.66- BM	6.66- BM
16	6.57+ BM	6.57+ BM	6.57+ BM	6.57+ BM	6.57+ BM	6.57 BM	6.52 BM	6.57 BM	6.58 BM	6.58- BM	6.58- BM
17	6.45+ BM	6.45+ BM	6.45+ BM	6.45+ BM	6.45+ BM	6.43 BM	6.42 BM	6.43 BM	6.43 BM	6.45- BM	6.45- BM
18	6.39+ BM	6.39+ BM	6.39+ BM	6.39+ BM	6.39+ BM	6.38 BM	6.35 BM	6.38 BM	6.37 BM	6.38 BM	6.38- BM
19	6.42+ BM	6.42+ BM	6.42+ BM	6.42+ BM	6.42+ BM	6.38 BM	6.33 BM	6.40 BM	6.37 BM	6.37 BM	6.37- BM
20	6.02- CG	6.02- CG	6.02- CG	6.06 FS	5.98 CG	5.91 CG	5.97 CG	5.96 CG	6.05 CG	6.08 CG	6.08 CG
21	6.02- CG	6.02- CG	6.02- CG	6.10 CG	5.90 CG	5.77 CG	5.86 CG	5.97 CG	5.97 CG	6.04 CG	6.03 CG
22	6.00- CG	6.00- CG	6.00- CG	6.04 CG	5.97 CG	5.88 CG	5.84 CG	5.81 CG	5.10 CG	6.08 CG	6.02 CG
23	6.00- CG	6.00- CG	6.00- CG	6.04 CG	5.93 CG	5.92 CG	5.95 CG	6.01 CG	5.91 CG	6.06 CG	6.06 CG
24	6.00- CG	6.00- CG	6.00- CG	5.96 FS	5.99 CG	5.90 CG	5.96 CG	6.01 CG	5.98 CG	6.08 CG	6.06 CG
25	6.35+ BM	6.35+ BM	6.35+ BM	6.35+ BM	6.35 BM	6.28 BM	6.33 BM	6.31 BM	6.31 BM	6.33 BM	6.33- BM
26	6.36+ BM	6.36+ BM	6.36+ BM	6.36+ BM	6.36 BM	6.46 BM	6.46 BM	6.45 BM	6.35 BM	6.43 BM	6.43- BM
27	6.38+ BM	6.38+ BM	6.38+ BM	6.38+ BM	6.38 BM	6.41 BM	6.31 BM	6.32 BM	6.35 BM	6.35 BM	6.35- BM
28	6.62+ BM	6.62+ BM	6.62+ BM	6.62+ BM	6.62+ BM	6.62 BM	6.57 BM	6.57 BM	6.60 BM	6.60- BM	6.60- BM
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.0	1.0	1.0	0.9	0.3	< 0.0	< 0.0	< 0.0	< 0.0	0.5	0.9
BED ELEVATION	5.72	5.64	5.63	6.30	6.56					6.51	5.66
RIGHT EDGE WATER	13.7	13.8	13.8	24.9	27.4	>28.0	>28.0	>28.0	28.3	27.4	24.7
BED ELEVATION	5.71	5.75	5.82	6.25	6.49				6.64	6.45	6.12
LEFT EDGE BAR				14.0	14.3					14.0	13.7
BED ELEVATION				5.81	6.52					6.48	5.70
RIGHT EDGE BAR				19.3	16.3					16.5	19.5
BED ELEVATION				6.26	6.52					6.47	6.11

TABLE 6.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0257, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1536	6-18 1651	6-19 1455	6-20 1507	6-21 1554	6-23 1509	6-25 940	6-27 1022	6-29 952	7- 1 1528	7- 3 1547
WATER SURFACE(1)											
LEFT BANK GAGE	6.22	6.54	6.44	6.73	6.60	6.52	6.33	6.28	5.92	6.29	6.17
RIGHT BANK GAGE	6.19	6.49	6.40	6.69	6.57	6.48	6.30	6.26	5.91	6.25	6.14
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.61-	6.61-	6.61-	6.63	6.59		6.59-	6.59-	6.59-	6.59-	6.59-
1	5.51	5.43	5.53	5.68	5.40		6.33	6.33-	5.46	6.27	6.27-
2	5.10	5.06	5.12	5.20	5.06		5.14	5.08	5.05	5.07	5.08
3	5.02	4.99	5.02	5.00	5.02		5.04	5.03	5.02	5.01	5.04
4	5.02	5.01	5.06	5.02	5.04		5.00	5.01	5.01	5.00	5.01
5	5.03	5.03	5.05	5.05	5.02		5.02	4.99	5.02	5.02	5.04
6	5.07	5.04	5.04	5.04	5.07		5.06	5.02	5.06	5.09	5.07
7	5.10	5.08	5.11	5.11	5.11		5.10	5.05	5.11	5.14	5.08
8	5.09	5.09	5.13	5.13	5.10		5.10	5.05	5.11	5.13	5.08
9	5.10	5.10	5.12	5.19	5.24		5.19	5.11	5.19	5.26	5.13
10	5.15	5.21	5.13	5.30	5.32		5.16	5.11	5.12	5.28	5.15
11	5.18	5.23	5.18	5.30	5.16		5.22	5.20	4.98	5.37	5.23
12	5.17	5.18	5.22	5.22	5.15		5.30	5.11	5.20	5.14	5.31
13	5.37	5.34	5.36	5.40	5.35		5.38	5.28	5.46	5.52	5.45
14	6.48-	6.34	5.90	5.99	6.26		5.86	5.86-	5.86-	6.02	5.87
15	6.66-	6.66-	6.66-	6.64	6.64-		6.64-	6.64-	6.64-	6.64-	6.64-
16	6.58-	6.58-	6.58-	6.59	6.56		6.56-	6.56-	6.56-	6.56-	6.56-
17	6.45-	6.43	6.43-	6.46	6.45		6.45-	6.45-	6.45-	6.45-	6.45-
18	6.38-	6.35	6.37	6.36	6.37		6.37-	6.37-	6.37-	6.37-	6.37-
19	6.37-	6.39	6.37	6.36	6.35		6.35-	6.35-	6.35-	6.35-	6.35-
20	6.06	6.03	6.08	5.96	6.04		6.01	6.04	6.04-	6.02	6.01
21	6.00	6.08	6.04	5.93	6.08		6.07	6.02	6.02-	6.02	6.01
22	6.02	5.99	6.07	5.86	6.00		6.06	6.05	6.05-	5.99	5.99
23	6.05	6.00	6.01	5.99	6.05		6.08	6.02	6.02-	6.00	6.01
24	6.04	6.05	6.10	5.97	6.02		6.08	6.05	6.05-	6.01	5.98
25	6.33-	6.31	6.36	6.29	6.23		6.23-	6.23-	6.23-	6.22	6.22-
26	6.43-	6.38	6.37	6.45	6.43		6.43-	6.43-	6.43-	6.43-	6.43-
27	6.35-	6.32	6.32	6.37	6.36		6.36-	6.36-	6.36-	6.36-	6.36-
28	6.60-	6.60-	6.60-	6.56	6.56-		6.56-	6.56-	6.56-	6.56-	6.56-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.9	0.3	0.7	< 0.0	< 0.0		1.0	1.1	1.0	1.0	1.1
BED ELEVATION	5.55	6.54	6.44				6.33	6.16	5.46	6.27	6.17
RIGHT EDGE WATER	24.7	27.7	26.0	28.5	27.9		24.9	24.7	13.9	25.0	24.7
BED ELEVATION	6.17	6.43	6.37	6.66	6.53		6.29	6.15	5.86	6.22	6.12
LEFT EDGE BAR	13.9	14.3	14.3		14.5		14.0	13.8		14.1	14.0
BED ELEVATION	5.83	6.49	6.40		6.57		5.86	5.83		6.04	5.87
RIGHT EDGE BAR	19.5	16.2	17.4		16.0		19.5	19.6		19.7	19.7
BED ELEVATION	6.03	6.48	6.40		6.56		6.29	6.05		6.23	6.13

TABLE 6.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0257, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 948	7- 7 1429	7- 9 1035	7-12 1450	7-16 1646	7-20 1645	7-23 1701	7-26 1238	7-29 1723	9-16 1102	5-13										
WATER SURFACE(1)																					
LEFT BANK GAGE	5.98	5.80	5.72	5.59	5.53	5.55	5.55	5.53	5.49	5.44											
RIGHT BANK GAGE	5.98	5.79	5.71	5.58	5.53	5.55	5.55	5.52	5.49*	5.44											
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)										
0	6.59- 5.45- 5.06- 4.99 4.97	BM HB CG	6.59- 5.50 5.09 5.01 5.00	BM HB CG	6.59- 5.42 5.08 5.01 5.09	BM HB CG	6.59- 5.49 5.05 5.15 5.16	BM CS CS CS CS	6.59- 5.47 5.12 5.16 5.19	BM CS CS SG SG	6.59- 5.53 5.15 5.19 5.19	BM CS CS CS CS	6.59- 5.44 5.11 5.22 5.19	BM CS CS CS CS	6.59- 5.40 5.02 4.99 4.97						
5	4.99 5.04 5.08 5.07 5.13	G G SG SG S	5.01 5.07 5.09 5.13 5.11	CG CG CG S G	5.01 5.06 5.09 5.13 5.18	CG SG S S S	5.16 5.15 5.13 5.18 5.18	S S S S S	5.23 5.24 5.25 5.22 5.25	S CS CS CS S	5.19 5.23 5.26 5.25 5.31	CS CS CS CS S	5.20 5.23 5.26 5.29 5.29	SG SG S SG FS	5.17 5.24 5.21 5.22 5.28	SG SG SG FS FS	5.16 5.20 5.19 5.24 5.26	S S S S S	4.93 5.02 5.04 5.04 5.05		
10	5.06 5.18 5.27 5.48 5.87	G S S FS	5.18 5.20 5.27 5.51 5.87	S S FS	5.18 5.20 5.29 5.51 5.87	S S BM	5.15 5.13 5.28 5.55 5.87	S S FS	5.22 5.31 5.32 5.50 5.87	FS FS FS BM	5.25 5.29 5.32 5.52 5.87	S S FS	5.24 5.27 5.31 5.51 5.87	S FS FS BM	5.29 5.27 5.31 5.49 5.87	FS FS FS S FS	5.28 5.27 5.28 5.49 5.87	S S S S S	5.27 5.25 5.29 5.49 5.87	S S S S S	4.99 4.98 5.05 5.11 5.79
15	6.64- 6.56- 6.45- 6.37- 6.35-		6.64- 6.56- 6.45- 6.37- 6.35-		6.64- 6.56- 6.45- 6.37- 6.35-		6.64- 6.56- 6.45- 6.37- 6.35-		6.64- 6.56- 6.45- 6.37- 6.35-		6.64- 6.56- 6.45- 6.37- 6.35-		6.64- 6.56- 6.45- 6.37- 6.35-		6.64- 6.56- 6.45- 6.37- 6.35-		6.64- 6.56- 6.45- 6.37- 6.35-		6.64- 6.56- 6.45- 6.37- 6.35-		6.63 6.52 6.42 6.35 6.33
20	6.01- 6.01- 5.99- 6.01- 5.98-		6.01- 6.01- 5.99- 6.01- 5.98-		6.01- 6.01- 5.99- 6.01- 5.98-		6.01- 6.01- 5.99- 6.01- 5.98-		6.01- 6.01- 5.99- 6.01- 5.98-		6.01- 6.01- 5.99- 6.01- 5.98-		6.01- 6.01- 5.99- 6.01- 5.98-		6.01- 6.01- 5.99- 6.01- 5.98-		6.01- 6.01- 5.99- 6.01- 5.98-		6.01- 6.01- 5.99- 6.01- 5.98-		5.10 4.88 5.12 5.19 5.18
25	6.22- 6.43- 6.36- 6.56-		6.22- 6.43- 6.36- 6.56-		6.22- 6.43- 6.36- 6.56-		6.22- 6.43- 6.36- 6.56-		6.22- 6.43- 6.36- 6.56-		6.22- 6.43- 6.36- 6.56-		6.22- 6.43- 6.36- 6.56-		6.22- 6.43- 6.36- 6.56-		6.22- 6.43- 6.36- 6.56-		6.22- 6.43- 6.36- 6.56-		5.60 6.35 6.31 6.56
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS																					
LEFT EDGE WATER BED ELEVATION	0.9 5.52	1.0 5.50	0.7 5.72	0.9 5.59	1.2 5.53	1.0 5.55	0.9 5.55	1.0 5.53	1.2 5.49	1.0 5.44											
RIGHT EDGE WATER BED ELEVATION	13.9 5.87	13.6 5.79	13.6 5.71	13.2 5.58	13.0 5.53	13.3 5.55	13.2 5.55	13.1 5.52	13.0 5.49	12.9 5.44											

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR 8-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 7.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0301, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1500	5-14 1635	5-16 1407	5-19 1430	5-21 1437	5-22 1254	5-26 1330	5-27 1528	5-28 1512	5-30 1343	6- 1 1345
WATER SURFACE(1)											
LEFT BANK GAGE	5.81	5.75	5.67	5.75	6.09	6.48	6.10*	5.88	5.82	5.72	5.73
RIGHT BANK GAGE	5.81	5.75	5.67*	5.76	6.07	6.45	6.08	5.88	5.82	5.72	5.72
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.95+	6.95+	6.95+	6.95+	6.95+		6.95+	6.95+	6.95+	6.95+	6.95+
2	6.26+	6.26+	6.26+	6.26+	6.26+		6.26+	6.26+	6.26+	6.26+	6.26+
3	5.81 BM	5.81-	5.81-	5.81-	5.81-		6.07 BM	5.64 BM	5.64-	5.64-	5.64-
4	4.79 BM	4.81	4.87 BM	4.86 BM	4.86 BM		4.77 BM	4.81 BM	4.66 BM	4.68 BM	4.84 S
5	4.52 HB	4.58 S	4.57 HB	4.57 HB	4.58 HB		4.59 CG	4.58 G	4.67 CG	4.51 HB	4.58 S
6	4.73 SG	4.81 SG	4.89 S	4.86 S	4.75 S		4.67 CG	4.68 G	4.78 CG	4.92 S	4.83 S
7	4.86 SFG	4.99 S	5.07 S	5.08 S	4.96 S		4.82 CG	4.85 CG	4.86 CG	5.04 S	5.21 S
8	4.96 FCG	5.12 S	5.19 S	5.18 S	5.08 S		4.92 CG	4.92 CG	4.92 CG	5.15 S	5.28 S
9	5.12 FCG	5.23 S	5.25 S	5.27 S	5.12 S		4.97 CG	4.96 S	4.96 S	5.25 S	5.31 S
10	5.19 S	5.23 S	5.29 S	5.27 S	5.17 S		5.03 CG	4.99 S	5.00 CG	5.12 S	5.31 S
11	5.25 S	5.22 S	5.29 S	5.37 S	5.25 S		5.15 CG	5.05 CG	5.12 S	5.15 S	5.33 S
12	5.29 S	5.25 S	5.35 S	5.33 S	5.29 S		5.25 CG	5.25 S	5.21 S	5.28 S	5.35 S
13	5.30 S	5.31 S	5.37 S	5.38 S	5.37 S		5.37 FCG	5.34 S	5.42 S	5.41 S	5.35 S
14	5.33 HB	5.35 S	5.35 S	5.45 S	5.36 S		5.46 S	5.50 S	5.62 S	5.52 S	5.50 S
15	5.44 BM	5.45 SG	5.43 SG	5.50 SG	5.48 S		5.46 S	5.50 S	5.43 S	5.44 FCG	5.42 S
16	5.97+	5.97+	5.97+	5.97+	5.97 BM		5.98 BM	5.98-	5.98-	5.98-	5.98-
17	6.75+	6.75+	6.75+	6.75+	6.75+		6.75+	6.75+	6.75+	6.75+	6.75+
18	6.71+	6.71+	6.71+	6.71+	6.71+		6.71+	6.71+	6.71+	6.71+	6.71+
19	6.57+	6.57+	6.57+	6.57+	6.57+		6.57+	6.57+	6.57+	6.57+	6.57+
20	6.51+	6.51+	6.51+	6.51+	6.51+		6.51+	6.51+	6.51+	6.51+	6.51+
21	6.61+	6.61+	6.61+	6.61+	6.61+		6.61+	6.61+	6.61+	6.61+	6.61+
22	6.75+	6.75+	6.75+	6.75+	6.75+		6.75+	6.75+	6.75+	6.75+	6.75+
23	6.76+	6.76+	6.76+	6.76+	6.76+		6.76+	6.76+	6.76+	6.76+	6.76+
24	6.25+	6.25+	6.25+	6.25+	6.25+		6.25+	6.25+	6.25+	6.25+	6.25+
25	6.12+	6.12+	6.12+	6.12+	6.12+		6.12+	6.12+	6.12+	6.12+	6.12+
26	6.02+	6.02+	6.02+	6.02+	6.02 S		6.06 FS	6.06-	6.06-	6.06-	6.06-
27	5.92+	5.92+	5.92+	5.92+	5.92 S		5.89 S	5.89-	5.89-	5.89-	5.89-
28	6.05+	6.05+	6.05+	6.05+	6.05 S		5.81 BM	5.81-	5.81-	5.81-	5.81-
29	6.64+	6.64+	6.64+	6.64+	6.64+		6.64+	6.64+	6.64+	6.64+	6.64+
30	6.65+	6.65+	6.65+	6.65+	6.65+		6.65+	6.65+	6.65+	6.65+	6.65+
31	6.52+	6.52+	6.52+	6.52+	6.52+		6.52+	6.52+	6.52+	6.52+	6.52+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.0	3.1	3.2	3.3	2.7		3.0	3.0	3.1	3.1	3.1
BED ELEVATION	5.81	5.54	5.67	5.50	6.09		6.07	5.64	5.82	5.72	5.71
RIGHT EDGE WATER	15.7	15.6	15.4	15.5	28.0		28.0	15.5	15.5	15.5	15.6
BED ELEVATION	5.81	5.75	5.67	5.76	6.05		5.81	5.61	5.64	5.63	5.72
LEFT EDGE BAR					16.0		16.0				
BED ELEVATION					5.97		5.98				
RIGHT EDGE BAR					25.8		26.0				
BED ELEVATION					6.05		6.06				

TABLE 7.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0301, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 1515	6-5 1311	6-7 1503	6-9 1655	6-10 1615	6-11 1640	6-12 1700	6-13 1459	6-14 1543	6-15 1600	6-16 1200
WATER SURFACE(1)											
LEFT BANK GAGE	5.75	5.80	5.87	6.35	6.61	6.83	6.95	6.85	6.77	6.57	6.22
RIGHT BANK GAGE	5.74	5.79	5.85	6.33	6.58	6.79	6.93	6.82	6.72	6.53	6.19
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.95+	6.95+	6.95+	6.95+	6.95+	6.95+	6.95	6.95	6.95-	6.95-	6.95-
2	6.26+	6.26+	6.26+	6.26	6.41	6.31	6.58	6.28	6.60	6.57	6.57-
3	5.64-	5.80	5.80	6.01	6.03	6.98	6.18	6.00	6.03	6.07	6.03
4	4.65	4.70	4.79	4.72	4.66	4.85	4.65	4.71	4.71	4.72	4.68
5	4.66	4.72	4.58	4.60	4.57	4.55	4.65	4.56	4.63	4.62	4.54
6	5.00	4.98	4.84	4.65	4.67	4.64	4.70	4.64	4.66	4.61	4.63
7	5.25	5.15	4.98	4.78	4.81	4.87	4.83	4.80	4.86	4.83	4.79
8	5.31	5.26	5.15	4.90	4.97	4.87	4.91	4.90	4.92	4.94	4.90
9	5.34	5.10	5.21	5.04	5.10	4.95	4.94	4.95	4.98	4.99	5.01
10	5.24	5.32	5.26	5.17	5.19	5.03	4.97	5.02	5.08	5.10	5.19
11	5.38	5.31	5.39	5.18	5.28	5.22	5.09	5.10	5.15	5.17	5.13
12	5.31	5.32	5.46	5.31	5.31	5.34	5.20	5.23	5.18	5.22	5.23
13	5.39	5.39	5.39	5.33	5.31	5.25	5.15	5.19	5.26	5.24	5.25
14	5.41	5.40	5.47	5.42	5.51	5.36	5.28	5.29	5.32	5.26	5.37
15	5.46	5.46	5.47	5.42	5.51	5.36	5.43	5.38	5.44	5.49	5.44
16	5.98-	5.98-	5.98-	6.05	5.95	6.58	6.58	6.45	6.57	5.87	5.56
17	6.75+	6.75+	6.75+	6.75+	6.75+	6.75	6.72	6.71	6.71	6.71	6.71
18	6.71+	6.71+	6.71+	6.71+	6.71+	6.71	6.70	6.71	6.71	6.71	6.71
19	6.57+	6.57+	6.57+	6.57+	6.57+	6.57	6.56	6.55	6.55	6.55	6.55
20	6.51+	6.51+	6.51+	6.51+	6.51+	6.51	6.51	6.51	6.51	6.51	6.51
21	6.61+	6.61+	6.61+	6.61+	6.61+	6.61	6.61	6.62	6.62	6.62	6.62
22	6.75+	6.75+	6.75+	6.75+	6.75+	6.75	6.74	6.73	6.73	6.73	6.73
23	6.76+	6.76+	6.76+	6.76+	6.76+	6.76	6.77	6.75	6.75	6.75	6.75
24	6.25+	6.25+	6.25+	6.25	6.26	6.23	6.29	6.29	6.27	6.28	6.28
25	6.12+	6.12+	6.12+	6.12	6.24	6.24	6.31	6.27	6.21	6.26	6.15
26	6.06-	6.06-	6.06-	6.10	6.16	6.10	6.21	6.14	6.17	6.16	6.12
27	5.89-	5.89-	5.89-	5.92	5.93	5.94	6.06	5.99	5.95	5.92	5.94
28	5.81-	5.81-	5.81-	5.89	5.84	5.72	5.81	5.84	5.76	5.82	5.82
29	6.64+	6.64+	6.64+	6.64+	6.64+	6.64	6.61	6.58	6.56	6.56	6.56
30	6.65+	6.65+	6.65+	6.65+	6.65+	6.65	6.59	6.57	6.55	6.55	6.55
31	6.52+	6.52+	6.52+	6.52+	6.52+	6.52	6.54	6.54	6.52	6.52-	6.52-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.1	3.0	3.2	2.0	2.0	1.1	1.0	1.1	1.3	1.2	2.1
BED ELEVATION	5.60	5.80	5.72	6.26	6.41	6.83	6.95	6.86	6.48	6.44	6.22
RIGHT EDGE WATER	15.7	15.7	15.8	28.4	28.6	>31.0	>31.0	>31.0	31.6	28.5	28.4
BED ELEVATION	5.65	5.66	5.85	5.99	6.55				6.67	6.50	6.16
LEFT EDGE BAR				16.0	16.0				16.7	16.1	15.7
BED ELEVATION				6.05	5.95				6.72	5.87	5.56
RIGHT EDGE BAR				23.7	23.3				23.3	23.5	24.2
BED ELEVATION				6.31	6.56				6.55	6.51	6.17

TABLE 7.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0301, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1555	6-18 1635	6-19 1435	6-20 1535	6-21 1534	6-23 1444	6-25 955	6-27 902	6-29 1000	7- 1 1519	7- 3 1537
WATER SURFACE(1)											
LEFT BANK GAGE	6.26	6.60	6.50	6.80	6.66	6.57	6.38	6.32	5.95	6.34	6.21
RIGHT BANK GAGE	6.23	6.56	6.46	6.75	6.63	6.54	6.36	6.28	5.93	6.32	6.18
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-
2	6.18 BM	6.57 BM	6.30 BM	6.56 BM	6.57 BM	6.57 BM	6.34 BM	6.24 BM	6.24-	6.25 BM	6.05 BM
3	6.07 BM	6.03 BM	6.01 BM	6.01 BM	6.03 BM	6.02 BM	6.09 BM	6.09 BM	5.95 BM	6.07 BM	5.97 BM
4	4.83 HB	4.67 CG	4.69 S	4.70 HB	4.68 HB	4.68 HB	4.69 HB	4.69 BM	4.67 HB	4.68 HB	4.67 CG
5	4.66 G	4.66 G	4.64 G	4.56 HB	4.56 HB	4.56 HB	4.51 HB	4.55 HB	4.53 HB	4.51 HB	4.43 G
6	4.65 G	4.67 CG	4.69 SG	4.67 G	4.62 FG	4.66 FG	4.64 G	4.63 G	4.67 S	4.70 S	4.63 G
7	4.78 CG	4.79 CG	4.84 G	4.84 G	4.80 SG	4.83	4.80 G	4.84 SG	5.04	4.91 CG	4.87 FG
8	4.92	4.97	5.00 S	4.92 S	4.91 SG	4.97 FG	5.03 FG	5.04 S	5.22 S	5.08 CG	5.14 CG
9	5.03	4.96	5.17 S	5.11 S	5.11 CG	5.07	5.21 SG	5.27 S	5.27 S	5.11 S	5.21 CG
10	5.04	5.04	5.06 S	5.18 S	5.20 S	5.19 S	5.20 SG	5.23 S	5.33 S	5.12 S	5.37 S
11	5.16 S	5.12 S	5.26 S	5.13 S	5.27 S	5.22 S	5.22 S	5.37 S	5.41 S	5.21 S	5.37 CG
12	5.23	5.27	5.25 S	5.29 S	5.21 CG	5.30	5.22 G	5.40	5.49	5.22 SG	5.36 CG
13	5.31	5.36	5.38 S	5.29 S	5.40	5.37	5.30	5.42	5.42	5.29 S	5.42 CG
14	5.39	5.35	5.37 S	5.33 S	5.51	5.35	5.35	5.47	5.42	5.40 S	5.38 S
15	5.48	5.46	5.56 S	5.43 S	5.52 S	5.44 S	5.45 S	5.55 S	5.45 FS	5.41 G	5.46 S
16	6.15 BM	6.00 BM	5.89 BM	6.00 BM	5.96 BM	5.94 BM	5.93 BM	6.05 BM	6.05-	6.09 BM	6.12 S
17	6.71-	6.71-	6.71-	6.72 BM	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-
18	6.71-	6.71-	6.71-	6.72 BM	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-
19	6.55-	6.55-	6.55-	6.56 BM	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-
20	6.51-	6.51-	6.51-	6.51 BM	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-
21	6.62-	6.62-	6.62-	6.59 BM	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
22	6.73-	6.73-	6.73-	6.72 BM	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-
23	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-
24	6.20 FS	6.24 S	6.25 S	6.29 S	6.27 S	6.22 S	6.26 S	6.23 S	6.23	6.26	6.17 S
25	6.14 S	6.12 S	6.18 S	6.20 S	6.17 S	6.21 S	6.12 S	6.10 S	6.10	6.09 S	6.07 S
26	6.10 S	6.14 S	6.15 S	6.06 S	6.21 S	6.21 S	6.11 S	6.08 S	6.08-	6.10 S	6.05 S
27	5.93	5.93	5.95	5.89 S	6.07 S	5.97 S	5.98 S	5.94 S	5.94	5.98	5.91 S
28	5.86	5.78	5.81 S	5.75 S	5.85 S	5.89 S	5.85 S	5.88 S	5.88	5.86	5.84 S
29	6.56-	6.56-	6.56-	6.57 BM	6.58 BM	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-
30	6.55-	6.55-	6.55-	6.56 BM	6.58 BM	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-
31	6.52-	6.52-	6.52-	6.51 BM	6.55 BM	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.0	1.3	2.0	1.1	1.3	1.5	1.9	1.9	3.0	2.0	2.0
BED ELEVATION	6.18	6.45	6.30	6.81	6.43	6.46	6.38	6.32	5.95	6.25	6.05
RIGHT EDGE WATER	28.4	28.7	28.4	31.5	31.4	28.6	28.5	28.4	15.7	28.4	28.5
BED ELEVATION	6.03	6.52	6.02	6.70	6.59	6.51	6.04	6.06	5.93	6.09	6.14
LEFT EDGE BAR	16.1	16.1	16.2	22.2	16.3	16.3	16.2	16.2		16.2	16.2
BED ELEVATION	6.18	6.12	6.08	6.73	6.18	6.20	6.13	6.10		6.23	6.13
RIGHT EDGE BAR	23.9	23.3	23.4	23.3	23.3	23.3	23.8	23.9		23.8	24.0
BED ELEVATION	6.22	6.54	6.44	6.73	6.51	6.52	6.34	6.26		6.31	6.17

TABLE 7.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0301, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 954	7- 7 1424	7- 9 1042	7-12 1444	7-16 1638	7-20 1641	7-23 1656	7-26 1231	7-29 1717	9-16 1021	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.04	5.82	5.73	5.62	5.56	5.58	5.58	5.54	5.51	5.46	
RIGHT BANK GAGE	6.01	5.82	5.73	5.61	5.56	5.58	5.58	5.54	5.51	5.46	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
1	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95
2	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	6.05
3	6.04 BM	6.04-	6.04-	6.04-	6.04-	5.56 BM	5.56-	5.56-	5.56-	5.56-	5.56
4	4.65 HB	4.61 HB	4.65 S	4.64 S	4.57 CS	4.65 HB	4.65 CS	4.88 S	4.88 S	4.65 BM	4.57
5	4.49 CG	4.42 HB	4.63 S	4.79 S	4.76 CS	4.72 S	4.71 CS	4.88 S	4.88 S	4.71 S	4.42
6	4.62 FG	4.61 G	4.95 S	5.12 S	5.07 S	5.16 S	5.18 CS	5.17 SG	5.21 SG	5.14 S	4.50
7	4.90 FG	4.92 SG	5.20 S	5.24 S	5.27 S	5.32 S	5.38 CS	5.39 SG	5.39 SG	5.31 S	4.73
8	5.12 CG	5.21 SG	5.28 S	5.29 S	5.27 S	5.32 S	5.38 CS	5.39 SG	5.39 SG	5.34 S	4.83
9	5.29 SG	5.32 SG	5.27 S	5.30 S	5.33 S	5.37 S	5.38 CS	5.39 SG	5.39 SG	5.36 S	4.89
10	5.37 CS	5.34 S	5.34 S	5.42 S	5.43 S	5.38 S	5.36 S	5.40 S	5.39 SG	5.41 S	4.97
11	5.39 CS	5.42 S	5.36 S	5.50 S	5.45 S	5.38 S	5.37 S	5.37 S	5.38 SG	5.38 S	5.05
12	5.41 CS	5.41 S	5.41 S	5.50 S	5.50 S	5.39 S	5.37 S	5.35 S	5.39 SG	5.31 S	5.18
13	5.42 CS	5.42 S	5.41 S	5.53 S	5.52 S	5.46 S	5.40 S	5.36 S	5.38 SG	5.33 S	5.15
14	5.32 SG	5.41 S	5.40 S	5.50 S	5.52 S	5.34 S	5.42 S	5.41 S	5.40 S	5.35 S	5.26
15	5.49 S	5.44 S	5.43 S	5.45 S	5.53 S	5.52 S	5.46 S	5.46 S	5.46 S	5.46 S	5.36
16	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	5.56
17	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.71
18	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.70
19	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.55
20	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51
21	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59
22	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72
23	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72
24	6.17-	6.17-	6.17-	6.17-	6.17-	6.17-	6.17-	6.17-	6.17-	6.17-	6.17
25	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	5.17
26	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	5.17
27	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.07
28	5.84-	5.84-	5.84-	5.84-	5.84-	5.84-	5.84-	5.84-	5.84-	5.84-	5.05
29	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.56
30	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.55
31	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.51
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.0	3.2	3.2	3.1	3.0	3.2	3.2	3.2	3.2	3.2	
BED ELEVATION	6.04	5.82	5.61	5.62	5.56	5.58	5.58	5.54	5.51	5.46	
RIGHT EDGE WATER	19.9	19.5	19.2	19.3	19.2	19.3	19.3	19.3	19.3	19.0	
BED ELEVATION	6.01	5.82	5.52	5.50	5.55	5.56	5.50	5.51	5.49	5.46	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 8.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0348, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1446	5-14 1625	5-16 1354	5-19 1424	5-21 1430	5-22 1256	5-26 1227	5-27 1515	5-28 1510	5-30 1336	6- 1 1310
WATER SURFACE(1)											
LEFT BANK GAGE	5.84	5.79	5.72	5.79	6.12	6.50	6.12	5.91	5.86	5.77	5.77
RIGHT BANK GAGE	5.85	5.79	5.72	5.79	6.12*	6.48	6.12	5.90	5.85*	5.77*	5.77*
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.77+	6.77+	6.77+	6.77+	6.77+		6.77+	6.77+	6.77+	6.77+	6.77+
1	5.78 BM	5.78-	5.78-	5.79 BM	5.87 BM		5.82 BM	5.79 G	5.79 BM	5.77 BM	5.77 BM
2	5.50 G	5.54 CG	5.56 G	5.54 SG	5.56		5.52 CG	5.56 CG	5.56 CG	5.54 CG	5.54 CG
3	5.40 G	5.43 CG	5.52 G	5.51 SG	5.43 CG		5.42 CG	5.41 CG	5.44 CG	5.38 CG	5.42 CG
4	5.29 G	5.31 CG	5.30 G	5.29 SG	5.36 G		5.30 CG	5.33 CG	5.28 CG	5.29 CG	5.29 CG
5	5.22 SG	5.26 SG	5.23 CS	5.24 S	5.23 G		5.20 CG	5.21 CG	5.23 FG	5.23 FG	5.23 FG
6	5.19 SG	5.22 SG	5.20 CS	5.20 S	5.20 G		5.16 CG	5.20 FG	5.23 FG	5.22 FG	5.23 FG
7	5.19 S	5.16 SG	5.14 CS	5.17 G	5.16 G		5.13 CG	5.24 CG	5.17 FG	5.17 FG	5.16 FG
8	5.17 S	5.20 FG	5.22 S	5.26 S	5.18 S		5.14 CG	5.21 CG	5.12 FG	5.15 FG	5.15 FG
9	5.30 S	5.33 S	5.42 S	5.35 S	5.29 S		5.02 CS	5.05 SG	5.12 CS	5.27 SG	5.32 SG
10	5.30 S	5.52 CS	5.42 S	5.39 S	5.37 S		5.02 CS	5.02 FG	5.50 CS	5.57 SG	5.58 CS
11	5.54 S	5.50 CS	5.38 S	5.42 S	5.34 S		5.15 S	5.12 CG	5.73 SG	5.72 CG	5.73 FG
12	5.50 S	5.51 S	5.40 S	5.42 S	5.35 S		5.22 S	5.57 CG	5.72 SG	5.71 CG	5.72 FG
13	5.43 S	5.53 S	5.44 S	5.41 S	5.35 S		5.28 S	5.67 CG	5.69 SG	5.62 CG	5.58 CG
14	5.45 S	5.47 S	5.46 S	5.33 S	5.34 S		5.34 S	5.61 CS	5.58 SG	5.56 CS	5.51 S
15	5.40 S	5.37 S	5.40 S	5.32 S	5.31 S		5.37 S	5.60 CS	5.57 SG	5.55 CS	5.54 S
16	5.42 S	5.38 S	5.46 S	5.39 S	5.38 S		5.41 S	5.67 CG	5.55 SG	5.47 CG	5.52 S
17	5.43 S	5.47 S	5.50 S	5.37 S	5.37 S		5.40 S	5.56 CG	5.65 SG	5.57 CG	5.55 S
18	5.53 BM	5.58 BM	5.57 BM	5.63 BM	5.61 S		5.57 BM	5.53 CS	5.60 SG	5.52 S	5.51 S
19	6.22+	6.22+	6.22+	6.22+	6.22+		6.22+	6.22+	6.22+	6.22+	6.22+
20	6.87+	6.87+	6.87+	6.87+	6.87+		6.87+	6.87+	6.87+	6.87+	6.87+
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.8	1.2	1.2	1.0	0.8		0.7	0.6	0.6	1.0	1.0
BED ELEVATION	5.84	5.79	5.72	5.79	6.12		5.92	5.91	5.86	5.77	5.77
RIGHT EDGE WATER	18.5	18.4	18.3	18.3	18.8		18.8	18.7	18.6	18.5	18.5
BED ELEVATION	5.84	5.79	5.72	5.79	6.12		6.12	5.90	5.85	5.77	5.77

TABLE 8.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0348, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1505	6- 5 1252	6- 7 1453	6- 9 1640	6-10 1612	6-11 1619	6-12 1644	6-13 1440	6-14 1555	6-15 1636	6-16 1145
WATER SURFACE(1)											
LEFT BANK GAGE	5.79	5.83	5.90	6.39	6.64	6.85	6.97	6.89	6.81	6.59	6.24
RIGHT BANK GAGE	5.79*	5.83*	5.90	6.38	6.62	6.83	6.96	6.86	6.77	6.56	6.22
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.77+	6.77+	6.77+	6.77+	6.77+	6.77+	6.77 BM	6.77-	6.77-	6.77-	6.77-
1	5.73 CG	5.76 G	5.82 G	5.73 BM	5.77 BM	5.76 HB	5.76 BM	5.70 BM	5.83 G	5.55 HB	5.54 BM
2	5.51 CG	5.54 CG	5.52 CG	5.51 G	5.46 HB	5.45 HB	5.51 G	5.49 G	5.58 G	5.49 G	5.51 G
3	5.40 CG	5.45 CG	5.42 CG	5.41 G	5.39 HB	5.41 HB	5.43 G	5.42 G	5.50 G	5.41 G	5.39 G
4	5.29 CG	5.27 CG	5.30 CG	5.33 G	5.26 SG	5.28 HB	5.33 HB	5.38 G	5.34 G	5.30 G	5.28 G
5	5.22 G	5.23 G	5.22 G	5.22 SG	5.20 SG	5.17 G	5.21 G	5.26 G	5.28 G	5.18 G	5.18 G
6	5.21 G	5.23 G	5.22 G	5.20 SG	5.15 SG	5.17 S	5.17 CG	5.20 G	5.24 SG	5.17 G	5.17 G
7	5.18 G	5.16 FG	5.17 G	5.18 S	5.15 CG	5.13 SG	5.15 SG	5.18 G	5.21 G	5.17 G	5.16 G
8	5.17 S	5.14 FG	5.14 SG	5.16 S	5.10 S	5.09 HB	5.10 G	5.16 G	5.14 G	5.12 FG	5.14 G
9	5.32 S	5.34 SG	5.39 SG	5.26 S	5.03 S	4.99 HB	5.01 G	5.07 SG	5.09 G	5.04 FG	5.05 G
10	5.56 S	5.58 SG	5.42 G	5.13 S	5.10 S	4.96 S	5.07 CS	5.03 CS	5.05 S	5.05 S	5.07 S
11	5.61 FG	5.64 SG	5.40 S	5.12 S	5.21 S	5.02 S	4.98 SG	5.00 CG	5.09 S	5.07 S	5.29 S
12	5.59 S	5.57 S	5.52 S	5.22 S	5.30 S	5.06 S	5.03 CG	5.06 FG	5.18 S	5.24 S	5.43 S
13	5.55 S	5.52 S	5.51 S	5.30 S	5.28 S	5.14 S	5.09 S	5.07 G	5.30 S	5.44 S	5.52 S
14	5.47 S	5.48 S	5.43 SG	5.28 S	5.33 S	5.26 S	5.17 S	5.27 S	5.30 S	5.64 S	5.56 S
15	5.42 S	5.45 S	5.40 S	5.32 S	5.34 S	5.31 S	5.27 S	5.29 S	5.48 S	5.70 S	5.53 S
16	5.49 S	5.45 S	5.39 S	5.36 S	5.41 S	5.33 CS	5.37 S	5.35 SG	5.48 S	5.60 S	5.66 S
17	5.46 FS	5.49 S	5.41 S	5.38 S	5.34 HB	5.36 BM	5.32 S	5.46 S	5.52 S	5.52 S	5.76 S
18	5.58 BM	5.54 S	5.52 FS	5.61 BM	5.61 BM	5.58 BM	5.48 S	5.46 S	5.65 S	5.74 S	5.82 S
19	6.22+	6.22+	6.22+	6.22 BM	6.27 BM	6.18 BM	6.31 BM	6.25 BM	6.22 BM	6.22 BM	6.22-
20	6.87+	6.87+	6.87+	6.87+	6.87+	6.87+	6.87 BM	6.85 BM	6.85-	6.85-	6.85-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.9	0.7	0.7	0.6	0.3	0.3	< 0.0	0.3	0.3	0.4	0.3
8 BED ELEVATION	5.79	5.83	5.90	6.17	6.64	6.85		6.89	6.81	6.59	6.24
RIGHT EDGE WATER	18.5	18.6	18.7	19.3	19.4	19.7	>20.0	>20.0	19.3	19.2	18.2
BED ELEVATION	5.79	5.83	5.90	6.38	6.62	6.83			6.77	6.56	6.20

TABLE 8.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0348, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1615	6-18 1614	6-19 1437	6-20 1518	6-21 1515	6-23 1420	6-25 1017	6-27 920	6-29 1006	7- 1 1509	7- 3 1528
WATER SURFACE(1)											
LEFT BANK GAGE	6.30	6.64	6.54	6.84	6.71	6.61	6.43	6.36	5.99	6.39	6.25
RIGHT BANK GAGE	6.26	6.61	6.51	6.81	6.68	6.58	6.40	6.34	5.97	6.36	6.23
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-
1	5.60 BM	5.60 G	5.57 G	5.57 G	5.61 FG	5.63 HB	5.53 G	5.56 HB	5.52 BM	5.54 G	5.51 HB
2	5.50 CG	5.48 CG	5.52 CG	5.49 CG	5.50 CG	5.51 CG	5.50 CG	5.45 CG	5.52 CG	5.51 CG	5.50 CG
3	5.41 CG	5.42 CG	5.43 CG	5.39 CG	5.40 CG	5.41 CG	5.41 CG	5.38 CG	5.41 CG	5.39 CG	5.38 CG
4	5.37 CG	5.33 CG	5.31 G	5.33 CG	5.29 CG	5.31 CG	5.31 CG	5.30 G	5.30 CG	5.28 CG	5.29 G
5	5.27 CG	5.23 G	5.21 G	5.22 G	5.21 CG	5.26 FG	5.22 G	5.18 G	5.19 G	5.20 G	5.21 G
6	5.21 CG	5.18 FG	5.19 G	5.18 G	5.20 CG	5.21 CG	5.20 CG	5.18 G	5.18 G	5.19 FG	5.21 G
7	5.27 CG	5.19 FG	5.16 G	5.14 FG	5.17 CG	5.18 G	5.17 FG	5.15 G	5.17 FG	5.17 FG	5.17 FG
8	5.30 CG	5.17 G	5.12 G	5.10 G	5.08 G	5.10 G	5.11 FG	5.12 G	5.16 G	5.20 CG	5.22 FG
9	5.37 CG	5.22 G	5.13 G	5.08 G	5.04 G	5.12 G	5.29 G	5.31 G	5.48 G	5.46 CG	5.34 G
10	5.40 G	5.38 G	5.36 G	5.20 G	5.04 G	5.13 G	5.41 G	5.48 G	5.67 G	5.46 CG	5.51 G
11	5.71 G	5.42 G	5.56 G	5.14 G	5.20 G	5.23 G	5.51 G	5.58 G	5.66 G	5.59 G	5.44 G
12	5.57 G	5.51 G	5.66 G	5.30 G	5.36 G	5.48 G	5.71 G	5.60 G	5.61 G	5.60 G	5.58 G
13	5.63 G	5.55 G	5.67 G	5.65 G	5.53 G	5.54 G	5.63 G	5.64 G	5.57 G	5.57 G	5.53 G
14	5.72 G	5.66 G	5.66 G	5.65 G	5.68 G	5.61 G	5.60 G	5.63 G	5.46 G	5.55 G	5.49 G
15	5.66 G	5.78 G	5.71 G	5.60 G	5.69 G	5.59 G	5.69 G	5.61 G	5.44 G	5.59 G	5.44 G
16	5.55 G	5.77 G	5.66 G	5.60 G	5.66 G	5.59 G	5.64 G	5.61 G	5.55 G	5.55 G	5.52 G
17	5.64 G	5.79 G	5.67 G	5.60 G	5.67 G	5.66 G	5.63 G	5.61 G	5.55 G	5.56 G	5.54 G
18	5.72 G	5.84 G	5.76 G	5.84 G	5.62 G	5.76 G	5.68 G	5.61 G	5.65 G	5.53 G	5.60 G
19	6.16 BM	6.21 BM	6.24 FG	6.50 BM	6.48 BM	6.43 BM	6.26 BM	6.22 BM	6.22 FG	6.23 BM	6.11 BM
20	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.2	0.4	0.4	0.4	0.4	0.5	0.4	0.3	0.5	0.3	0.4
BED ELEVATION	6.23	6.64	6.54	6.84	6.71	6.39	6.30	6.36	5.86	6.29	6.23
RIGHT EDGE WATER	19.0	19.3	19.2	19.3	19.2	19.2	19.1	19.2	18.7	19.2	19.1
BED ELEVATION	6.16	6.61	6.51	6.81	6.63	6.58	6.40	6.30	5.97	6.27	6.23

TABLE 8.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0348, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1002	7- 7 1417	7- 9 1047	7-12 1437	7-16 1632	7-20 1634	7-23 1651	7-26 1223	7-29 1711	9-16 1005	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.06	5.85	5.78	5.66	5.59	5.61	5.60	5.56	5.54	5.48	
RIGHT BANK GAGE	6.05	5.85	5.78	5.67	5.60	5.61	5.61	5.57	5.55	5.51	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77
1	5.51	5.51	5.48	5.50	5.50	5.49	5.50	5.51	5.50	5.50	5.48
2	5.48	5.50	5.48	5.49	5.49	5.49	5.50	5.49	5.51	5.50	5.48
3	5.36	5.36	5.36	5.36	5.36	5.34	5.38	5.35	5.36	5.36	5.34
4	5.25	5.25	5.27	5.27	5.27	5.27	5.28	5.25	5.26	5.26	5.25
5	5.18	5.18	5.20	5.20	5.19	5.20	5.20	5.20	5.20	5.19	5.12
6	5.18	5.18	5.19	5.21	5.19	5.20	5.20	5.21	5.21	5.20	5.09
7	5.19	5.18	5.19	5.21	5.19	5.19	5.18	5.20	5.21	5.19	5.09
8	5.23	5.24	5.30	5.35	5.29	5.36	5.30	5.30	5.34	5.34	4.94
9	5.41	5.54	5.55	5.54	5.57	5.57	5.56	5.56	5.56	5.56	4.94
10	5.29	5.54	5.57	5.53	5.53	5.53	5.54	5.54	5.52	5.52	4.93
11	5.37	5.56	5.58	5.48	5.49	5.49	5.46	5.46	5.47	5.47	4.93
12	5.36	5.48	5.49	5.45	5.42	5.39	5.40	5.40	5.41	5.39	4.98
13	5.54	5.54	5.38	5.38	5.39	5.38	5.38	5.37	5.33	5.33	5.02
14	5.46	5.45	5.38	5.38	5.36	5.32	5.31	5.34	5.33	5.32	5.11
15	5.35	5.35	5.43	5.40	5.40	5.32	5.32	5.32	5.33	5.31	5.00
16	5.42	5.45	5.38	5.41	5.42	5.33	5.31	5.32	5.32	5.30	5.02
17	5.50	5.54	5.44	5.45	5.34	5.33	5.33	5.34	5.34	5.29	4.96
18	5.57	5.56	5.56	5.54	5.52	5.55	5.52	5.54	5.53	5.53	4.96
19	6.11-	6.11-	6.11-	6.11-	6.11-	6.11-	6.11-	6.11-	6.11-	6.11-	6.11
20	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.4	0.4	0.4	0.6	0.6	0.6	0.5	0.6	0.7	2.0	
BED ELEVATION	5.83	5.85	5.78	5.66	5.59	5.61	5.60	5.56	5.54	5.48	
RIGHT EDGE WATER	18.9	18.6	18.6	18.4	18.2	18.3	18.2	18.2	18.1	17.9	
BED ELEVATION	6.05	5.85	5.78	5.67	5.60	5.61	5.61	5.57	5.55	5.50	
LEFT EDGE BAR									8.8	8.4	
BED ELEVATION									5.54	5.49	
RIGHT EDGE BAR									9.8	10.7	
BED ELEVATION									5.54	5.49	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 9.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0421, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1430	5-14 1605	5-16 1340	5-19 1415	5-21 1421	5-22 1258	5-26 1159	5-27 1504	5-28 1458	5-30 1332	6- 1 1310
WATER SURFACE(1)											
LEFT BANK GAGE	5.91	5.85	5.77	5.83	6.14	6.55	6.22	6.03	5.98	5.88	5.87
RIGHT BANK GAGE	5.92	5.87	5.79	5.84	6.14	6.52	6.20	6.03	5.98*	5.89	5.86
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.59+	6.59+	6.59+	6.59+	6.59+		6.59+	6.59+	6.59+	6.59+	6.59+
2	5.63 BM	5.64 BM	5.67 HB	5.72 HB	5.94 BM		6.02 BM	5.71 BM	5.78 HB	5.88 BM	5.65 BM
3	5.35 HB	5.33 SG	5.37 HB	5.43 HB	5.39 HB		5.40 HB	5.31 HB	5.34 HB	5.34 HB	5.39 HB
4	5.24 HB	5.25 HB	5.23 HB	5.27 HB	5.24 HB		5.24 HB	5.28 HB	5.26 HB	5.25 HB	5.24 HB
5	5.26 HB	5.29 HB	5.25 HB	5.24 HB	5.26 HB		5.26 HB	5.28 HB	5.28 HB	5.28 HB	5.29 HB
6	5.24 HB	5.26 HB	5.27 HB	5.27 HB	5.22 HB		5.24 HB	5.23 HB	5.23 HB	5.24 HB	5.27 HB
7	5.36 FG	5.34 SG	5.38 FG	5.32 CS	5.30 SG		5.27 FG	5.30 CS	5.24 FG	5.26 CG	5.32 G
8	5.52 FG	5.53 SG	5.57 FG	5.54 CS	5.42 SG		5.44 FG	5.52 CS	5.50 CS	5.53 SG	5.52 G
9	5.72 G	5.69 SG	5.72 FG	5.70 SG	5.58 SG		5.67 SG	5.77 SG	5.82 G	5.80 G	5.77 G
10	5.84 G	5.84-	5.84-	5.84-	5.82 SG		5.81 SG	5.84 G	5.82 G	5.84 G	5.86 G
11	5.87 G	5.87-	5.87-	5.87-	5.88 SG		5.89 SG	5.87 G	5.86 G	5.88 G	5.87 G
12	5.88 G	5.88-	5.88-	5.88-	5.88 SG		5.87 SG	5.87 G	5.86 G	5.88 G	5.86 G
13	5.82 G	5.84 SG	5.84-	5.84-	5.84 SG		5.81 SG	5.80 SG	5.80 G	5.78 G	5.81 G
14	5.81 G	5.84 SG	5.84-	5.84-	5.84 SG		5.81 SG	5.79 SG	5.80 G	5.80 G	5.80 G
15	5.80 G	5.84 SG	5.84-	5.83 S	5.82 SG		5.88 CS	5.82 SG	5.84 FG	5.83 G	5.79 G
16	5.75 G	5.80 G	5.73 G	5.75 CS	5.74 SG		5.86 CS	5.78 SG	5.80 G	5.83 G	5.81 G
17	5.65 G	5.66 SG	5.63 SG	5.66 CS	5.66 SG		5.78 CS	5.73 SG	5.73 CS	5.72 SG	5.71 G
18	5.56 SG	5.56 SG	5.56 SG	5.55 SG	5.58 S		5.83 CS	5.73 S	5.78 CS	5.66 SG	5.52 G
19	5.56 CS	5.54 SG	5.50 SG	5.51 SG	5.54 S		5.82 S	5.73 S	5.72 CS	5.64 SG	5.52 SG
20	5.56 CS	5.56 CS	5.48 SG	5.49 SG	5.50 SG		5.90 S	5.92 S	5.86 CS	5.64 SG	5.56 SG
21	5.54 CS	5.58 CS	5.42 CS	5.42 CS	5.46 SG		5.92 CS	5.93 S	5.93 CS	5.88 SG	5.84 S
22	5.53 CS	5.54 CS	5.41 CS	5.33 S	5.46 S		6.08 CS	5.92 S	5.88 CS	5.88-	5.86 S
23	5.57 CS	5.53 CS	5.41 S	5.41 S	5.42 S		6.03 CS	5.93 S	5.85 CS	5.77 S	5.78 S
24	5.57 S	5.55 CS	5.43 S	5.34 S	5.40 S		6.08 CS	5.94 S	5.84 CS	5.75 S	5.66 S
25	5.55 S	5.54 CS	5.47 S	5.44 S	5.46 S		6.01 CS	5.96 S	5.96 S	5.75 S	5.71 S
26	5.44 BM	5.45 SG	5.41 G	5.53 BM	5.44 S		6.07 S	6.03 S	6.03-	5.79 S	5.78 S
27	5.92 BM	5.87 BM	5.87-	5.81 BM	5.84 BM		6.12 S	6.12-	6.12-	6.12-	6.12-
28	6.76+	6.76+	6.76+	6.76+	6.76+		6.76+	6.76+	6.76+	6.76+	6.76+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.6	1.8	1.9	1.8	1.5		1.8	1.7	1.7	1.8	1.5
BED ELEVATION	5.90	5.85	5.77	5.83	6.14		6.02	5.82	5.88	5.76	5.87
RIGHT EDGE WATER	27.0	27.0	26.5	27.1	27.2		27.3	26.0	25.3	26.5	26.2
BED ELEVATION	5.92	5.87	5.79	5.84	6.14		6.14	6.03	5.98	5.89	5.86
LEFT EDGE BAR		9.1	9.2	9.8						21.0	
BED ELEVATION		5.86	5.78	5.83						5.88	
RIGHT EDGE BAR		12.9	15.6	15.0						22.3	
BED ELEVATION		5.86	5.78	5.83						5.89	

TABLE 9.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0421, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1458	6- 5 1248	6- 7 1437	6- 9 1623	6-10 1550	6-11 1630	6-12 1707	6-13 1453	6-14 1531	6-15 1615	6-16 1119
WATER SURFACE(1)											
LEFT BANK GAGE	5.87	5.90	5.95	6.44	6.69	6.92	7.04	6.96	6.88	6.68	6.35
RIGHT BANK GAGE	5.86	5.89	5.95	6.42	6.66	6.87	6.98	6.91	6.82	6.63	6.32
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.59+	6.59+	6.59+	6.59+	6.59 BM	6.72 BM	6.64 BM	6.54 BM	6.51 BM	6.53 BM	6.53-
2	5.79 HB	5.72 HB	5.75 HB	5.66 HB	5.88 HB	5.94 HB	5.92 HB	5.88 HB	5.65 HB	5.76 HB	5.93 BM
3	5.35 HB	5.35 HB	5.32 HB	5.33 HB	5.29 HB	5.29 HB	5.29 HB	5.26 HB	5.28 HB	5.28 HB	5.28 HB
4	5.25 HB	5.23 HB	5.25 HB	5.24 HB	5.24 HB	5.27 HB	5.25 HB	5.24 HB	5.23 HB	5.25 HB	5.23 HB
5	5.27 HB	5.26 HB	5.26 HB	5.28 HB	5.27 HB	5.26 HB	5.25 HB	5.25 HB	5.22 HB	5.26 HB	5.24 HB
6	5.26 HB	5.25 HB	5.25 HB	5.28 HB	5.25 HB	5.23 HB	5.26 HB	5.25 HB	5.28 HB	5.22 HB	5.19 HB
7	5.26 HB	5.23 HB	5.27 SG	5.30 FG	5.22 SG	5.24 HB	5.24 HB	5.24 HB	5.21 HB	5.23 HB	5.19 HB
8	5.51 G	5.50 SG	5.50 SG	5.47 SG	5.39 SG	5.41 G	5.36 G	5.34 G	5.26 G	5.35 FG	5.31 G
9	5.78 G	5.76 G	5.73 G	5.74 FG	5.67 S	5.61 G	5.58 G	5.57 G	5.52 G	5.60 FG	5.70 CS
10	5.86 G	5.87 G	5.83 G	5.84 G	5.86 SG	5.83 G	5.85 G	5.81 SG	5.75 G	5.83 SG	5.86 S
11	5.87-	5.89 G	5.90 G	5.89 G	5.87 SG	5.88 G	5.88 G	5.90 FG	5.89 G	5.89 FG	5.91 SG
12	5.85 G	5.88 G	5.88 G	5.88 FG	5.84 S	5.86 G	5.85 G	5.84 FG	5.83 G	5.89 FG	5.89 S
13	5.79 SG	5.81 G	5.78 G	5.82 FG	5.79 S	5.82 G	5.87 G	5.88 FG	5.83 G	5.90 S	5.83 S
14	5.80 SG	5.79 G	5.79 G	5.83 FG	5.85 S	5.86 FG	5.86 G	5.85 CS	5.86 S	5.91 S	5.81 S
15	5.83 G	5.81 G	5.81 G	5.87 FG	5.83 S	5.88 S	5.89 FG	5.86 S	5.94 S	5.98 S	5.86 S
16	5.83 G	5.79 G	5.80 G	5.81 FG	5.83 S	5.94 S	5.87 CS	5.96 S	5.95 S	6.02 S	5.90 S
17	5.80 G	5.67 SG	5.73 SG	5.73 SG	5.76 S	5.99 S	5.95 CS	6.06 S	5.97 S	6.13 S	5.90 S
18	5.55 SG	5.50 SG	5.51 FG	5.74 S	5.82 S	6.07 S	6.13 S	6.13 S	5.99 S	6.13 S	5.90 S
19	5.50 SG	5.46 SG	5.51 CS	5.79 S	5.91 S	5.94 S	6.04 S	6.10 S	6.19 S	5.94 S	5.92 S
20	5.51 G	5.50 SG	5.55 S	5.65 S	5.87 S	5.98 S	5.97 S	5.88 S	6.09 S	6.10 S	6.10 S
21	5.69 S	5.53 S	5.55 S	5.66 S	5.76 S	6.00 S	6.02 S	6.03 S	6.13 S	6.09 S	6.10 S
22	5.86-	5.87 CS	5.88 SG	5.82 S	5.82 S	6.06 S	6.09 S	6.18 S	5.98 S	6.12 S	6.10 S
23	5.78 SG	5.75 CS	5.75 S	5.77 S	5.91 S	6.08 S	6.21 S	6.06 S	6.18 S	6.21 S	6.11 S
24	5.68 S	5.59 S	5.65 S	5.75 S	5.83 S	5.87 S	6.13 S	6.33 S	5.97 S	6.14 S	6.13 S
25	5.68 S	5.66 S	5.60 S	5.68 S	5.71 S	5.77 S	6.14 S	6.13 FS	6.00 S	6.02 S	6.09 S
26	5.71 S	5.70 S	5.70 S	5.75 S	5.75 S	5.85 S	6.16 S	6.13 FS	6.12 S	6.09 S	6.13 S
27	6.12-	6.12-	6.12-	6.02 BM	6.01 BM	6.05 BM	6.18 S	6.23 S	6.11 S	6.19 S	6.15 S
28	6.76+	6.76+	6.76+	6.76+	6.76+	6.76 BM	6.76 BM	6.78 BM	6.67 BM	6.67-	6.67-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.8	1.8	1.6	1.5	0.8	0.2	0.3	0.5	0.2	0.5	1.5
BED ELEVATION	5.76	5.74	5.95	6.44	6.69	6.73	6.64	6.77	6.61	6.68	6.35
RIGHT EDGE WATER	26.5	26.6	26.9	27.4	27.9	>28.0	>28.0	>28.0	>28.0	27.8	27.5
BED ELEVATION	5.86	5.89	5.95	6.23	6.65					6.62	6.26

TABLE 9.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0421, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1632	6-18 1551	6-19 1416	6-20 1450	6-21 1502	6-23 1359	6-25 1033	6-27 932	6-29 1020	7- 1 1500	7- 3 1516
WATER SURFACE(1)											
LEFT BANK GAGE	6.38	6.72	6.61	6.90	6.78	6.68	6.51	6.42	6.05	6.43	6.28
RIGHT BANK GAGE	6.36	6.69	6.58	6.87	6.73	6.64	6.48	6.41	6.05	6.42	6.28
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.53-	6.50 BM	6.53 BM	6.53 BM	6.51 BM	6.50 BM	6.51 BM	6.51-	6.51-	6.36 BM	6.36-
2	5.92 HB	5.80 HB	5.66 HB	5.57 HB	5.69 HB	5.71 HB	5.76 HB	5.70 HB	5.88 BM	5.73 HB	5.65 HB
3	5.29 HB	5.32 HB	5.31 HB	5.28 HB	5.35 HB	5.28 HB	5.31 HB	5.30 HB	5.30 HB	5.31 HB	5.28 HB
4	5.27 HB	5.23 HB	5.25 HB	5.25 HB	5.26 HB	5.26 HB	5.27 HB	5.23 HB	5.25 HB	5.25 HB	5.22 HB
5	5.30 HB	5.28 HB	5.25 HB	5.23 HB	5.29 HB	5.28 HB	5.29 HB	5.24 HB	5.27 HB	5.30 HB	5.27 HB
6	5.25 HB	5.27 HB	5.23 HB	5.24 HB	5.26 HB	5.20 HB	5.23 HB	5.20 HB	5.22 HB	5.23 HB	5.25 HB
7	5.23 HB	5.21 HB	5.21 HB	5.22 HB	5.23 HB	5.20 HB	5.23 HB	5.20 HB	5.22 HB	5.22 HB	5.22 HB
8	5.37 CG	5.40 FG	5.33 CG	5.37 CG	5.28 CG	5.33 CG	5.38 CG	5.34 HB	5.35 FG	5.36 CG	5.37 CG
9	5.62 SG	5.58 SG	5.60 SG	5.63 CG	5.50 CG	5.59 FG	5.60 CG	5.53 CG	5.62 FG	5.62 CG	5.62 CG
10	5.85 FG	5.86 S	5.78 S	5.84 FG	5.76 CG	5.82 S	5.88 G	5.83 CG	5.85 FG	5.84 CG	5.83 G
11	5.88 FG	5.91 S	5.89 CG	5.85 FG	5.89 CG	5.89 S	5.90 FG	5.90 CG	5.87 CG	5.91 CG	5.89 CG
12	5.88 S	5.86 S	5.85 CG	5.82 FG	5.84 CG	5.87 S	5.89 S	5.84 CG	5.86 CG	5.88 CG	5.88 CG
13	5.86 S	5.83 S	5.86 FG	5.83 FG	5.84 CG	5.84 S	5.85 SG	5.81 CG	5.82 CG	5.82 CG	5.81 CG
14	5.84 S	5.82 S	5.88 S	5.82 FG	5.88 CG	5.87 S	5.87 S	5.84 CG	5.81 CG	5.83 FG	5.83 CG
15	5.84 SG	5.87 CG	5.89 S	5.88 CG	5.91 CG	5.86 S	5.89 S	5.83 SG	5.83 SG	5.83 FG	5.80 G
16	5.85 SG	5.87 S	5.90 S	5.99 S	5.98 FG	5.91 S	5.89 S	5.83 S	5.83 SG	5.84 FG	5.85 SG
17	5.84 CG	5.87 S	5.97 S	6.03 S	6.08 S	5.97 S	5.91 S	5.83 S	5.81 CG	5.81 FG	5.80 SG
18	5.86 S	5.87 S	6.06 S	6.02 S	6.14 S	6.01 S	5.88 S	5.80 S	5.71 SG	5.70 S	5.75 FG
19	5.89 S	5.95 S	6.09 S	6.09 S	6.07 S	5.87 S	5.84 S	5.74 S	5.72 SG	5.73 S	5.66 FG
20	5.84 S	5.87 S	6.04 S	5.98 S	6.01 S	5.94 S	5.88 S	5.77 S	5.72 S	5.73 S	5.72 SG
21	5.99 S	5.97 S	6.01 S	5.91 S	6.08 S	6.05 S	5.92 S	5.86 S	5.74 CG	5.70 S	5.73 S
22	6.11 S	6.01 S	6.04 S	6.02 S	6.11 S	6.09 S	5.94 S	5.88 S	5.82 CG	5.79 S	5.71 S
23	6.07 S	5.94 S	6.04 S	6.02 S	6.09 S	6.00 S	5.99 S	5.93 S	5.85 S	5.74 S	5.76 S
24	6.03 S	6.04 S	5.97 S	6.11 S	6.13 S	5.94 S	6.01 S	5.89 S	5.84 S	5.71 S	5.79 S
25	6.01 S	5.98 S	5.90 S	6.00 S	6.15 S	5.91 S	5.95 S	5.78 S	5.73 S	5.64 S	5.67 S
26	6.06 FS	5.91 FS	5.98 S	5.91 S	6.07 S	5.93 S	5.92 S	5.84 S	5.72 FS	5.74 S	5.79 S
27	6.09 FS	6.07 BM	6.05 S	5.99 S	6.05 S	6.03 S	5.97 S	5.97 BM	5.85 BM	5.87 S	5.77 S
28	6.67-	6.67-	6.67-	6.60 BM	6.73 BM	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.4	0.4	0.4	0.3	0.4	0.4	0.4	1.2	1.6	0.7	1.5
BED ELEVATION	6.35	6.72	6.61	6.82	6.79	6.68	6.51	6.37	6.04	6.43	6.28
RIGHT EDGE WATER	27.4	27.9	27.8	>28.0	28.0	27.8	27.4	27.3	27.2	27.4	27.4
BED ELEVATION	6.18	6.66	6.58		6.73	6.63	6.11	6.11	6.05	6.42	6.08

TABLE 9.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0421, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1009	7- 7 1407	7- 9 1053	7-12 1429	7-16 1625	7-20 1628	7-23 1645	7-26 1217	7-29 1707	9-16 945	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.12	5.92	5.84	5.73	5.67	5.67	5.66	5.63	5.61	5.56*	
RIGHT BANK GAGE	6.11	5.93	5.84	5.72	5.65	5.65	5.65	5.63	5.60	5.56	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
1	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36
2	5.64 HB	5.62 HB	5.63 HB	5.64 HB	5.67 HB	5.67 HB	5.66 HB	5.63 HB	5.63-	5.63-	5.57
3	5.30 HB	5.30 HB	5.31 HB	5.30 HB	5.39 HB	5.31 HB	5.29 HB	5.31 HB	5.30 HB	5.30 HB	5.26
4	5.22 HB	5.22 HB	5.23 HB	5.23 HB	5.24 HB	5.24 HB	5.25 HB	5.23 HB	5.21 HB	5.24 HB	5.21
5	5.28 HB	5.27 HB	5.26 HB	5.30 HB	5.27 HB	5.28 HB	5.26 HB	5.27 HB	5.27 HB	5.28 HB	5.22
6	5.21 HB	5.24 HB	5.25 HB	5.27 HB	5.25 HB	5.25 HB	5.26 HB	5.25 HB	5.26 HB	5.26 HB	5.19
7	5.22 G	5.27 SG	5.25 FG	5.26 G	5.25 S	5.25 G	5.26 FG	5.25 SG	5.27 G	5.25 S	5.19
8	5.41 G	5.47 S	5.52 S	5.52 SG	5.51 S	5.54 FS	5.50 S	5.51 S	5.49 FS	5.53 S	5.17
9	5.68 SG	5.64 SG	5.64 G	5.67 FG	5.66 G	5.65 FG	5.65 SG	5.63 G	5.63-	5.63-	5.17
10	5.81 G	5.82 G	5.84 G	5.84-	5.84-	5.84-	5.84-	5.84-	5.84-	5.84-	5.17
11	5.88 G	5.90 G	5.90-	5.90-	5.90-	5.90-	5.90-	5.90-	5.90-	5.90-	5.17
12	5.86 G	5.85 G	5.83 G	5.83-	5.83-	5.83-	5.83-	5.83-	5.83-	5.83-	5.15
13	5.79 SG	5.79 SG	5.76 G	5.76-	5.76-	5.76-	5.76-	5.76-	5.76-	5.76-	5.10
14	5.80 SG	5.79 SG	5.77 SG	5.77-	5.77-	5.77-	5.77-	5.77-	5.77-	5.77-	5.10
15	5.80 SG	5.81 G	5.76 SG	5.76-	5.76-	5.76-	5.76-	5.76-	5.76-	5.76-	5.13
16	5.83 G	5.83 G	5.82 G	5.82-	5.82-	5.82-	5.82-	5.82-	5.82-	5.82-	5.06
17	5.78 G	5.81 G	5.82 G	5.82-	5.82-	5.82-	5.82-	5.82-	5.82-	5.82-	5.09
18	5.71 G	5.72 G	5.73 G	5.72 FG	5.72-	5.72-	5.72-	5.72-	5.72-	5.72-	4.95
19	5.71 G	5.63 G	5.65 FS	5.61 S	5.65 FS	5.63 FS	5.65 FS	5.63 S	5.63-	5.63-	5.13
20	5.72 S	5.56 SG	5.53 FG	5.53 CS	5.54 CS	5.53 SG	5.55 CS	5.53 FG	5.52 SG	5.53 S	5.04
21	5.70 S	5.53 FS	5.44 FG	5.59 S	5.54 FS	5.55 S	5.53 CS	5.52 S	5.51 SG	5.49 S	5.05
22	5.62 S	5.62 SG	5.41 S	5.51 S	5.45 FG	5.44 SG	5.45 SG	5.43 FG	5.43 FG	5.45 CS	5.27
23	5.73 S	5.65 S	5.44 S	5.39 G	5.37 SG	5.36 G	5.37 FG	5.37 G	5.38 G	5.36 G	5.29
24	5.84 S	5.64 FS	5.42 FS	5.32 G	5.34 G	5.32 G	5.43 G	5.33 G	5.31 G	5.34 G	5.24
25	5.68 S	5.53 FS	5.42 FS	5.35 G	5.32 G	5.31 CG	5.30 G	5.31 G	5.32 G	5.32 G	5.25
26	5.72 FS	5.66 BM	5.55 BM	5.58 M	5.57 BM	5.61 BM	5.43 BM	5.50 BM	5.58 BM	5.35 G	5.35
27	5.81 BM	5.83 BM	5.84 BM	5.84-	5.84-	5.84-	5.84-	5.84-	5.84-	5.84-	5.77
28	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.60
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.5	1.6	1.7	1.8	2.0	2.0	2.0	2.0	2.1	2.1	
BED ELEVATION	6.12	5.84	5.84	5.73	5.67	5.67	5.66	5.63	5.61	5.56	
RIGHT EDGE WATER	27.3	27.1	27.0	26.8	26.1	26.3	26.3	26.3	26.1	26.2	
BED ELEVATION	6.11	5.93	5.84	5.72	5.65	5.65	5.65	5.63	5.60	5.56	
LEFT EDGE BAR			1	9.4	9.0	9.1	9.1	9.0	8.9	8.3	
BED ELEVATION				5.73	5.66	5.66	5.66	5.63	5.61	5.56	
RIGHT EDGE BAR			1	18.0	19.0	18.7	18.9	19.0	19.2	19.7	
BED ELEVATION				5.72	5.65	5.66	5.66	5.63	5.60	5.56	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 10.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0460, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1430	5-14 1600	5-16 1335	5-19 1409	5-21 1415	5-22 1300	5-26 1148	5-27 1458	5-28 1500	5-30 1322	6-1 1300
WATER SURFACE(1)											
LEFT BANK GAGE	5.96	5.90	5.83	5.88	6.18	6.57	6.27	6.08	6.03	5.94	5.92
RIGHT BANK GAGE	5.95	5.89	5.82*	5.87	6.15	6.54	6.25	6.07	6.02	5.94	5.92
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.89+	6.89+	6.89+	6.89+	6.89+	6.89+	6.89+	6.89+	6.89+	6.89+	6.89+
2	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+	6.55+
3	6.18+	6.18+	6.18+	6.18+	6.18+	6.18+	6.20 BM	6.20-	6.20-	6.20-	6.20-
4	5.88 BM	5.87 BM	5.87-	5.88 BM	5.95 SG	5.90 BM	5.92 CG	5.90 G	5.89 G	5.92 G	5.92 G
5	5.69 G	5.72 G	5.76 CG	5.74 CG	5.70 SG	5.71 G	5.64 CG	5.64 G	5.64 G	5.64 G	5.71 G
6	5.58 G	5.62 G	5.67 CG	5.61 CG	5.60 SG	5.54 G	5.48 CG	5.49 G	5.52 G	5.50 CG	5.50 CG
7	5.37 G	5.44 G	5.44 CG	5.39 CG	5.39 SG	5.44 G	5.37 CG	5.34 G	5.37 G	5.36 G	5.36 G
8	5.32 G	5.35 G	5.34 CG	5.36 CG	5.31 FG	5.33 SG	5.35 CG	5.31 FG	5.36 G	5.32 G	5.32 G
9	5.19 G	5.22 SG	5.27 CG	5.25 CG	5.25 FG	5.16 G	5.22 CG	5.15 FG	5.22 G	5.22 G	5.22 G
10	5.13 G	5.16 SG	5.19 CG	5.16 CG	5.15 FG	5.18 S	5.25 CS	5.23 CS	5.24 S	5.22 G	5.22 G
11	5.21 S	5.22 SG	5.22 SG	5.22 CG	5.23 FG	5.32 S	5.36 S	5.32 S	5.27 SG	5.26 SG	5.26 SG
12	5.27 SG	5.34 S	5.31 SG	5.28 SG	5.30 G	5.43 S	5.40 S	5.42 S	5.37 S	5.34 SG	5.34 SG
13	5.43 SG	5.44 SG	5.44 S	5.42 SG	5.41 FG	5.50 S	5.47 S	5.45 S	5.46 G	5.47 G	5.47 G
14	5.49 SG	5.52 SG	5.52 S	5.55 CS	5.49 FG	5.55 CS	5.59 SG	5.60 G	5.60 G	5.60 G	5.60 G
15	5.64 S	5.61 S	5.67 S	5.67 S	5.59 S	5.84 CS	5.89 S	5.92 S	5.80 S	5.80 S	5.80 S
16	5.93 S	5.89 S	5.82 S	5.82-	5.84 FS	5.70 CS	5.72 S	5.80 S	5.87 FS	5.86 S	5.86 S
17	5.66 S	5.64 S	5.60 S	5.67 S	5.54 FG	5.65 S	5.70 SG	5.72 S	5.70 FS	5.72 S	5.72 S
18	5.50 G	5.59 S	5.57 S	5.59 S	5.54 FG	5.59 S	5.59 SG	5.58 FG	5.58 FG	5.54 SG	5.54 SG
19	5.51 SG	5.51 SG	5.60 S	5.52 SG	5.51 CS	5.57 S	5.54 CS	5.53 FG	5.54 SG	5.54 SG	5.54 SG
20	5.47 G	5.49 G	5.52 S	5.49 SG	5.49 CS	5.70 S	5.61 S	5.58 FG	5.59 SG	5.60 SG	5.60 SG
21	5.57 BM	5.62 BM	5.73 BM	5.69 BM	5.71 BM	5.86 S	5.74 FS	5.64 S	5.66 BM	5.62 SG	5.62 SG
22	6.14+	6.14+	6.14+	6.14+	6.14 BM	6.18 BM	6.18-	6.18-	6.18-	6.18-	6.18-
23	6.73+	6.73+	6.73+	6.73+	6.73+	6.73+	6.73+	6.73+	6.73+	6.73+	6.73+
24	6.74+	6.74+	6.74+	6.74+	6.74+	6.74+	6.74+	6.74+	6.74+	6.74+	6.74+
25	6.86+	6.86+	6.86+	6.86+	6.86+	6.86+	6.86+	6.86+	6.86+	6.86+	6.86+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.7	3.8	4.2	4.0	3.0	2.7	3.4	3.7	3.9	4.0	
BED ELEVATION	5.96	5.90	5.83	5.88	6.18	6.27	6.08	6.03	5.94	5.92	
RIGHT EDGE WATER	21.6	21.5	21.2	21.3	22.1	22.1	21.8	21.7	21.6	21.7	
BED ELEVATION	5.95	5.89	5.81	5.87	6.15	6.25	6.07	6.02	5.93	5.92	

TABLE 10.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0460, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 1453	6-5 1225	6-7 1427	6-9 1620	6-10 1555	6-11 1609	6-12 1647	6-13 1432	6-14 1516	6-15 1557	6-16 1444
WATER SURFACE(1)											
LEFT BANK GAGE	5.92	5.94	5.99	6.45	6.72	6.95	7.07	7.01	6.91	6.72	6.33
RIGHT BANK GAGE	5.92	5.94	6.00	6.43	6.68	6.90	7.03	6.97	6.86	6.69	6.31
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.89+ 6.55+ 6.20- 5.89 5.65	6.89+ 6.55+ 6.20- 5.90 5.64	6.89+ 6.55+ 6.20- 5.91 5.66	6.89+ 6.55+ 6.20- 5.94 5.73	6.89+ 6.55+ 6.20- 5.89 5.65	6.89 BM 6.48 BM 6.15 5.85 5.62	6.94 BM 6.51 6.23 5.90 5.65	6.93 CS 6.53 6.24 5.90 5.65	6.87 S 6.44 6.22 5.83 5.64	6.87- 6.47 6.19 5.89 5.60	G G G G G
2											
3											
4											
5											
6	5.47 CG	5.45 CG	5.47 CG	5.48 G	5.54 G	5.48 G	5.46 G	5.52 G	5.49 G	5.47 G	
7	5.37 CG	5.34 CG	5.35 CG	5.36 G	5.40 G	5.39 G	5.34 G	5.38 G	5.42 G	5.29 G	
8	5.35 CG	5.34 CG	5.29 CG	5.31 G	5.30 G	5.30 G	5.27 G	5.31 G	5.34 G	5.27 G	
9	5.22 FG	5.16 C	5.21 FG	5.15 S	5.17 S	5.13 S	5.12 G	5.09 CS	5.15 G	5.16 S	
10											
11	5.26 FG	5.26 CS	5.27 FG	5.23 S	5.31 S	5.38 S	5.38 FG	5.25 S	5.21 S	5.23 S	
12	5.37 FG	5.35 S	5.36 FG	5.33 S	5.48 S	5.47 S	5.42 S	5.41 S	5.36 S	5.40 S	
13	5.48 FG	5.46 S	5.50 FG	5.46 S	5.56 S	5.62 S	5.56 S	5.54 S	5.52 S	5.49 S	
14	5.63 S	5.64 S	5.62 S	5.55 S	5.69 S	5.73 S	5.60 S	5.63 S	5.60 S	5.50 S	
15	5.85 S	5.85 S	5.86 FS	5.65 S	5.69 S	5.73 S	5.65 S	5.69 S	5.71 C	5.66 S	
16	5.87 S	5.86 S	5.84 FS	5.64 S	5.61 S	5.75 S	5.82 S	5.64 S	5.60 S	5.68 S	
17	5.72 S	5.74 S	5.80 FS	5.57 S	5.60 S	5.71 S	5.93 S	5.74 S	5.71 S	5.78 S	
18	5.60 S	5.67 S	5.60 S	5.55 S	5.65 S	5.69 S	5.83 S	5.84 S	5.66 S	5.77 S	
19	5.55 S	5.55 S	5.52 FG	5.53 S	5.58 S	5.66 S	5.65 S	5.65 S	5.80 S	5.70 S	
20	5.58 S	5.56 SG	5.58 FG	5.55 S	5.57 S	5.61 S	5.71 S	5.80 S	5.85 S	5.73 S	
21	5.65 BM	5.68 FS	5.70 FS	5.71 BM	5.82 S	5.76 FS	5.78 S	5.83 S	5.88 S	5.87 S	
22	6.18- 6.73+ 6.73+ 6.74+ 6.86+	6.18- 6.73+ 6.73+ 6.74+ 6.86+	6.18- 6.73+ 6.73+ 6.74+ 6.86+	6.25 BM 6.73+ 6.73+ 6.74+ 6.86+	6.22 BM 6.73+ 6.73+ 6.74+ 6.86+	6.25 BM 6.73 BM 6.73 BM 6.74 BM 6.86 BM	6.20 BM 6.73 BM 6.73 BM 6.77 BM 6.87 BM	6.24 S 6.74 BM 6.74 BM 6.77 BM 6.85 BM	6.18 BM 6.79 BM 6.79 BM 6.81 BM 6.85 BM	6.22 FS 6.79- 6.81- 6.81- 6.85-	
23											
24											
25											
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	3.8 5.92	3.8 5.94	3.6 5.99	2.2 6.46	1.3 6.73	0.8 6.95	0.5 7.08	0.8 7.01	0.9 6.92	1.2 6.72	
RIGHT EDGE WATER BED ELEVATION	21.5 5.92	21.5 5.94	21.7 6.00	22.3 6.35	22.3 6.67	>25.0	>25.0	>25.0	25.0 6.85	22.6 6.68	

TABLE 10.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0460, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1620	6-18 1538	6-19 1358	6-20 1430	6-21 1433	6-23 1427	6-25 1000	6-27 949	6-29 1031	7- 1 1454	7- 3 1507
WATER SURFACE(1)											
LEFT BANK GAGE	6.41	6.74	6.64	6.92	6.81	6.71	6.52	6.45	6.09	6.46	6.32
RIGHT BANK GAGE	6.40	6.71	6.61	6.88	6.77	6.67	6.51	6.44	6.09	6.44	6.31
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.87-	6.87-	6.87-	6.89	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-
2	6.47-	6.53 FG	6.48 SG	6.45 G	6.55 SG	6.54 SG	6.51 G	6.45 BM	6.45-	6.46 BM	6.46-
3	6.24 G	6.20 FG	6.19 G	6.17 CG	6.29 G	6.29 SG	6.25 G	6.20 BM	6.20-	6.21 G	6.22 G
4	5.88	5.86 G	5.85 G	5.80 CG	5.90 G	5.90 G	5.95 G	5.86 G	5.90 G	5.91 G	5.88 G
5	5.61 G	5.63 G	5.61 G	5.61 CG	5.67 G	5.60 G	5.64 G	5.59 SG	5.62 G	5.60 G	5.60 CG
6	5.47 G	5.48 CG	5.46 CG	5.46 CG	5.49 G	5.49 G	5.44 FG	5.43 SG	5.46 G	5.42 G	5.44 CG
7	5.39 G	5.34 CG	5.34 CG	5.30 HB	5.38 G	5.31 G	5.40 FG	5.29 G	5.28 G	5.28 G	5.30 CG
8	5.23 G	5.19 CG	5.23 G	5.18 G	5.24 G	5.20 G	5.20 G	5.22 G	5.27 G	5.25 G	5.28 CG
9	5.11 FG	5.08 G	5.12 G	5.12 G	5.11 G	5.11 FG	5.08 G	5.13 G	5.16 G	5.14 G	5.18 CG
10	5.18 FG	5.15 CS	5.24 SG	5.21 S	5.22 CS	5.22 FG	5.22 G	5.19 G	5.17 G	5.23 G	5.21 FG
11	5.27 FG	5.27 SG	5.33 S	5.22 SG	5.32 S	5.26 CS	5.28 G	5.27 SG	5.29 FG	5.29 G	5.27 SG
12	5.38 S	5.43 S	5.42 S	5.41 CS	5.41 S	5.34 S	5.38 G	5.33 S	5.35 FG	5.35 CG	5.39 S
13	5.48 SG	5.58 S	5.50 S	5.50 S	5.45 S	5.47 S	5.51 S	5.45 S	5.46 G	5.45 SG	5.50 S
14	5.55 S	5.54 S	5.54 S	5.62 S	5.49 S	5.51 CS	5.54 S	5.50 S	5.51 S	5.50 SG	5.49 CG
15	5.65 S	5.60 S	5.66 S	5.56 S	5.66 S	5.69 S	5.64 S	5.65 S	5.62 G	5.59 SG	5.69 S
16	5.64 S	5.54 FG	5.61 S	5.60 S	5.60 S	5.59 S	5.57 G	5.74 S	5.78 S	5.60 FG	5.70 S
17	5.62 FG	5.57 SG	5.64 S	5.61 S	5.65 S	5.58 S	5.55 SG	5.55 SG	5.56 SG	5.60 S	5.58 S
18	5.64 S	5.61 S	5.71 S	5.63 S	5.74 S	5.57 S	5.51 S	5.54 S	5.51 SG	5.52 SG	5.52 G
19	5.66 S	5.59 S	5.62 S	5.51 S	5.62 S	5.61 S	5.53 S	5.54 S	5.52 SG	5.51 G	5.52 G
20	5.76 S	5.58 S	5.64 S	5.53 S	5.58 S	5.57 S	5.64 S	5.61 S	5.55 SG	5.54 SG	5.58 CS
21	5.83 S	5.77 S	5.79 S	5.71 S	5.87 S	5.82 S	5.83 S	5.72 S	5.71 BM	5.61 SG	5.63 FS
22	6.28 S	6.22 S	6.23 BM	6.23 BM	6.34 BM	6.23 S	6.27 BM	6.28 M	6.28-	6.28 BM	6.20 BM
23	6.79-	6.79-	6.79-	6.72 BM	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-
24	6.81-	6.81-	6.81-	6.74 BM	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-
25	6.85-	6.85-	6.85-	6.85 BM	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.1	1.1	1.5	0.9	1.1	1.2	1.9	2.0	3.3	2.0	2.8
BED ELEVATION	6.41	6.74	6.64	6.93	6.81	6.71	6.52	6.45	6.09	6.46	6.32
RIGHT EDGE WATER	22.2	22.4	22.2	>25.0	22.5	22.3	22.3	22.3	21.7	22.2	22.1
BED ELEVATION	6.38	6.71	6.37		6.76	6.67	6.36	6.40	6.09	6.41	6.31

TABLE 10.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0460, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1016	7- 7 1403	7- 9 1101	7-12 1422	7-16 1621	7-20 1620	7-23 1639	7-26 1208	7-29 1658	9-16 933	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.15	5.97	5.89	5.78	5.72	5.72	5.72	5.70	5.68	5.63	
RIGHT BANK GAGE	6.14	5.97*	5.89*	5.78	5.72*	5.72*	5.72*	5.71*	5.69*	5.64	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
1	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.87
2	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.44
3	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.15
4	5.90	5.87	5.89	5.89	5.89	5.89	5.89	5.89	5.89	5.89	5.80
5	5.63 CG	5.64 G	5.64 G	5.61 G	5.62 G	5.61 G	5.61 G	5.62 CG	5.61 CG	5.62 G	5.59
6	5.44 CG	5.47 G	5.46 CG	5.45 CG	5.44 CG	5.44 CG	5.44 CG	5.44 CG	5.45 CG	5.42 CG	5.42
7	5.30 CG	5.29 CG	5.31 CG	5.32 CG	5.31 CG	5.30 CG	5.31 CG	5.30 CG	5.30 CG	5.31 CG	5.28
8	5.32 CG	5.27 CG	5.29 CG	5.32 CG	5.31 CG	5.30 CG	5.31 CG	5.30 CG	5.29 CG	5.31 CG	5.18
9	5.15	5.18	5.18	5.19	5.20	5.19	5.20	5.19	5.17	5.18	5.08
10	5.23 FG	5.25 S	5.21 FG	5.23 FG	5.22 SG	5.23 FG	5.23 G	5.23 G	5.24 FG	5.22 S	5.10
11	5.27 SG	5.32 S	5.22 FG	5.24 FG	5.22 SG	5.24 FG	5.24 G	5.23 SG	5.24 FG	5.23 S	5.07
12	5.36	5.37	5.32 SG	5.33	5.32 SG	5.33	5.33	5.35	5.35	5.32 S	5.21
13	5.48	5.46	5.46	5.47	5.43	5.49	5.49	5.47	5.47	5.44	5.30
14	5.51	5.50	5.54	5.55	5.52	5.51	5.53	5.54	5.53	5.53	5.45
15	5.72	5.68	5.59	5.68	5.72	5.69	5.70	5.70	5.68	5.68	5.17
16	5.74 S	5.77 FS	5.75 FS	5.78 S	5.78-	5.78-	5.78-	5.78-	5.78-	5.78-	5.16
17	5.57	5.65	5.59	5.64	5.69	5.59	5.60	5.60	5.65	5.63	5.08
18	5.51	5.58	5.54	5.54	5.52	5.53	5.52	5.51	5.51	5.53	5.17
19	5.51	5.51	5.58	5.58	5.58	5.57	5.58	5.57	5.56	5.55	5.06
20	5.53 SG	5.55 G	5.57 S	5.56 FS	5.53 FS	5.57 FS	5.57 FS	5.57 FS	5.56 FS	5.55 S	5.05
21	5.64 BM	5.67 BM	5.66 BM	5.66 FS	5.65 BM	5.66 BM	5.65 BM	5.65 BM	5.65 FS	5.64 S	5.57
22	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.14
23	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72
24	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74
25	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.2	3.8	4.0	4.5	4.8	4.6	4.7	4.7	4.7	4.9	
BED ELEVATION	6.15	5.97	5.89	5.78	5.72	5.72	5.72	5.70	5.68	5.63	
RIGHT EDGE WATER	21.8	21.6	21.4	21.3	21.1	21.2	21.2	21.1	21.2	21.0	
BED ELEVATION	6.14	5.97	5.89	5.77	5.72	5.72	5.72	5.71	5.69	5.64	
LEFT EDGE BAR				15.4	15.0	15.2	15.2	15.0	15.0	14.9	
BED ELEVATION				5.78	5.72	5.72	5.72	5.70	5.68	5.64	
RIGHT EDGE BAR				16.0	16.7	16.1	16.1	16.7	16.9	16.9	
BED ELEVATION				5.78	5.72	5.72	5.72	5.70	5.68	5.64	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 11.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0516, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1421	5-14 1545	5-16 1325	5-19 1400	5-21 1414	5-22 1302	5-26 1136	5-27 1445	5-28 1453	5-30 1319	6- 1 1257
WATER SURFACE(1)											
LEFT BANK GAGE	5.98	5.94	5.85*	5.90	6.20	6.58	6.30	6.10	6.05	5.96	5.95
RIGHT BANK GAGE	5.98	5.93	5.85	5.91	6.20	6.58	6.29	6.09	6.04	5.95	5.94
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.07+	7.07+	7.07+	7.07+	7.07+		7.07+	7.07+	7.07+	7.07+	7.07+
1	6.83+	6.83+	6.83+	6.83+	6.83+		6.83+	6.83+	6.83+	6.83+	6.83+
2	6.73+	6.73+	6.73+	6.73+	6.73+		6.73+	6.73+	6.73+	6.73+	6.73+
3	5.79 BM	5.87 BM	5.85 BM	5.87 BM	5.82 BM		5.86 BM	5.79 M	5.84 BM	5.77 BM	5.79 BM
4	5.19 FS	5.29 BM	5.23 BM	5.29 BM	5.31 M		5.25 BM	5.29 M	5.29 M	5.30 M	5.29 M
5	5.12 G	5.14 SG	5.13 SG	5.16 S	5.08 SG		5.14 CS	5.14 G	5.13 G	5.12 CS	5.13 FG
6	5.19 GCG	5.20 SG	5.21 SG	5.21 S	5.20 SG		5.20 SG	5.22 FG	5.22 SG	5.22 SG	5.21 FG
7	5.25 GCG	5.27 SG	5.27 SG	5.26 S	5.23 SG		5.22 SG	5.24 FG	5.25 SG	5.25 SG	5.24 FG
8	5.25 SG	5.28 SG	5.27 SG	5.27 S	5.31 S		5.24 S	5.25 S	5.24 S	5.25 CG	5.24 SG
9	5.28 SG	5.36 SG	5.31 FS	5.29 S	5.31 S		5.31 S	5.30 S	5.29 S	5.30 CG	5.30 S
10	5.31 S	5.39 CG	5.37 S	5.41 S	5.39 S		5.36 S	5.38 S	5.35 S	5.36 S	5.36 S
11	5.42 S	5.44 CG	5.43 S	5.43 F	5.32 S		5.37 S	5.40 S	5.39 S	5.41 S	5.42 S
12	5.41 S	5.43 CG	5.45 S	5.43 S	5.38 S		5.41 S	5.44 S	5.44 S	5.46 S	5.46 S
13	5.49 S	5.47 SG	5.47 S	5.46 S	5.49 S		5.47 S	5.48 S	5.46 S	5.49 S	5.48 S
14	5.45 S	5.43 SG	5.43 S	5.44 S	5.40 S		5.46 S	5.51 S	5.49 S	5.49 S	5.49 S
15	5.38 S	5.42 CG	5.47 S	5.44 S	5.38 S		5.42 S	5.43 S	5.47 S	5.48 S	5.47 S
16	5.39 S	5.43 CG	5.45 S	5.43 S	5.38 S		5.44 S	5.48 S	5.44 S	5.47 S	5.47 S
17	5.40 S	5.43 CG	5.44 S	5.44 S	5.39 S		5.43 S	5.50 S	5.47 S	5.46 S	5.47 S
18	5.39 S	5.41 CG	5.41 S	5.41 S	5.40 S		5.45 S	5.51 S	5.50 CG	5.50 S	5.52 S
19	5.54 BM	5.54 BM	5.65 FS	5.61 BM	5.56 S		5.54 BM	5.52 S	5.47 S	5.54 BM	5.47 FS
20	5.97 BM	5.97-	5.97-	5.97-	6.20 BM		6.09 BM	6.09 BM	6.04 BM	6.04-	6.04-
21	6.94+	6.94+	6.94+	6.94+	6.94+		6.94+	6.94+	6.94+	6.94+	6.94+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.6	2.8	3.0	2.9	2.2		2.3	2.2	2.3	2.5	2.3
BED ELEVATION	5.98	5.94	5.85	5.90	6.14		6.10	6.10	6.05	5.96	5.94
RIGHT EDGE WATER	20.0	19.8	19.8	19.6	20.0		20.0	20.0	20.0	19.9	19.8
BED ELEVATION	5.97	5.92	5.85	5.91	6.20		6.09	6.09	6.04	5.95	5.94

TABLE 11.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0516, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1437	6- 5 1220	6- 7 1417	6- 9 1603	6-10 1530	6-11 1556	6-12 1720	6-13 1450	6-14 1500	6-15 1537	6-16 1443
WATER SURFACE(1)											
LEFT BANK GAGE	5.94	5.97	6.02	6.47	6.73	6.96	7.06	7.01	6.93	6.74	6.35
RIGHT BANK GAGE	5.94	5.96	6.01	6.47	6.73	6.96	7.04	7.01	6.92	6.74	6.35
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.07+	7.07+	7.07+	7.07+	7.07+	7.07+	7.07 BM	7.01 BM	7.01-	7.01-	
1	6.83+	6.83+	6.83+	6.83+	6.83+	6.83 BM	6.73 BM	6.80 BM	6.78 BM	6.78-	
2	6.73+	6.73+	6.73+	6.73+	6.73 BM	6.72 BM	6.76 BM	6.75 BM	6.77 BM	6.74 BM	
3	5.80 M	5.79 M	5.83 M	5.65 M	5.79 M	5.68 M	5.58 M	5.79 BM	5.61 BM	5.80 BM	
4	5.34 M	5.35 M	5.38 M	5.32 M	5.22 S	5.21 FS	5.25 S	5.23 S	5.23 FS	5.21 M	
5	5.12 G	5.15 G	5.12 FG	5.13 G	5.14 S	5.10 FS	5.17 G	5.17 G	5.19 FG	5.12 G	
6	5.22 G	5.20 G	5.22 FG	5.19 SG	5.21 S	5.22 CS	5.21 G	5.21 G	5.22 G	5.19 G	
7	5.24 G	5.24 G	5.24 FG	5.24 S	5.27 S	5.24 CS	5.34 S	5.29 SG	5.28 G	5.23 G	
8	5.25 FG	5.25 SG	5.24 FG	5.21 SG	5.35 S	5.17 CS	5.23 SG	5.29 S	5.30 CS	5.28 CS	
9	5.31 FG	5.30 S	5.31 FG	5.28 S	5.37 S	5.22 S	5.28 S	5.28 S	5.39 SG	5.35 S	
10	5.36 CS	5.37 S	5.33 SG	5.35 S	5.34 S	5.27 S	5.35 S	5.31 S	5.43 S	5.44 S	
11	5.41 S	5.41 S	5.42 SG	5.36 S	5.43 S	5.38 S	5.42 S	5.37 S	5.44 S	5.40 S	
12	5.46 S	5.47 S	5.45 FS	5.36 CS	5.46 S	5.33 S	5.33 S	5.41 S	5.49 S	5.42 S	
13	5.47 S	5.47 S	5.46 SG	5.42 S	5.38 S	5.41 S	5.35 S	5.45 S	5.54 S	5.43 S	
14	5.47 S	5.46 S	5.45 S	5.51 S	5.26 S	5.31 S	5.45 S	5.56 S	5.60 S	5.50 S	
15	5.46 S	5.46 S	5.44 S	5.60 S	5.37 S	5.26 S	5.42 S	5.51 S	5.57 S	5.44 S	
16	5.47 S	5.47 S	5.44 S	5.51 S	5.33 S	5.45 S	5.40 S	5.43 S	5.51 S	5.47 S	
17	5.46 S	5.46 S	5.44 S	5.51 S	5.28 S	5.23 S	5.37 S	5.43 S	5.45 CS	5.45 S	
18	5.51 S	5.50 S	5.51 S	5.50 S	5.35 S	5.29 S	5.32 S	5.49 S	5.39 CS	5.49 S	
19	5.54 BM	5.53 BM	5.51 FS	5.54 S	5.52 S	5.51 S	5.52 S	5.59 S	5.47 S	5.56 S	
20	6.04-	5.96 BM	5.96-	6.17 BM	6.03 BM	5.95 BM	6.04 BM	6.28 BM	6.01 BM	6.05 BM	
21	6.94+	6.94+	6.94+	6.94+	6.94+	6.94 BM	6.95 BM	6.97 BM	6.97-	6.97-	
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.4	2.4	2.4	2.1	2.0	0.2	0.0	0.0	0.3	2.0	
BED ELEVATION	5.94	5.93	6.02	6.11	6.73	6.96	7.07	7.01	6.93	6.74	
RIGHT EDGE WATER	19.8	20.0	19.9	20.7	20.8	21.1	>21.0	>21.0	20.9	20.7	
BED ELEVATION	5.94	5.96	6.01	6.44	6.50	6.96			6.91	6.53	

TABLE 11.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0516, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1607	6-18 1603	6-19 1410	6-20 1411	6-21 1454	6-23 1410	6-25 1025	6-27 1002	6-29 1038	7- 1 1448	7- 3 1459
WATER SURFACE(1)											
LEFT BANK GAGE	6.44	6.75	6.66	6.92	6.82	6.71	6.54	6.48	6.12	6.47	6.35
RIGHT BANK GAGE	6.43	6.75	6.65	6.93	6.82	6.71	6.54	6.48	6.11	6.47	6.35
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-
1	6.78-	6.78-	6.78-	6.83-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-
2	6.74-	6.75 BM	6.75-	6.74 BM	6.75 BM	6.71 BM	6.71-	6.71-	6.71-	6.71-	6.71-
3	5.83 M	5.78 M	5.69 FS	5.69 FS	5.71 FS	5.75 FS	5.81 BM	5.75 M	5.80 BM	5.77 BM	5.89 FS
4	5.20	5.22 SG	5.17 FS	5.19 S	5.14 S	5.18 S	5.20 BM	5.16 M	5.21 BM	5.16 BM	5.18 FS
5	5.08 G	5.13 G	5.13 G	5.11 S	5.14 FG	5.11 G	5.13 G	5.09 G	5.09 G	5.12 G	5.08 CG
6	5.16 G	5.19 G	5.19 G	5.18 CG	5.23 FG	5.20 G	5.21 G	5.17 G	5.18 G	5.19 G	5.17 CG
7	5.23 G	5.24 G	5.26 FG	5.24 CG	5.27 FG	5.25 G	5.25 G	5.23 G	5.22 CG	5.23 G	5.22 CG
8	5.25 G	5.25 FG	5.30 FG	5.31 CG	5.31 S	5.24 CG	5.25 G	5.24 G	5.27 FG	5.26 CG	5.28 CG
9	5.32 CG	5.36 FG	5.36 S	5.32 S	5.38 S	5.29 CG	5.26 G	5.23 SG	5.26 FG	5.26 CG	5.32 S
10	5.35 S	5.42 FG	5.35 S	5.31 S	5.30 S	5.32 S	5.29 S	5.23 SG	5.25 SG	5.29 S	5.27 SG
11	5.42 S	5.39 S	5.42 S	5.32 S	5.30 S	5.33 S	5.38 S	5.29 S	5.29 S	5.31 S	5.41 S
12	5.48 S	5.34 S	5.42 S	5.40 S	5.32 S	5.30 S	5.39 S	5.32 S	5.38 S	5.37 S	5.45 S
13	5.43 S	5.32 CG	5.35 S	5.32 S	5.33 S	5.29 S	5.34 S	5.36 S	5.34 S	5.37 S	5.43 S
14	5.40 S	5.43 S	5.34 S	5.27 S	5.39 S	5.37 S	5.27 G	5.35 S	5.38 S	5.39 SG	5.42 S
15	5.35 S	5.40 S	5.33 S	5.32 S	5.38 S	5.31 S	5.32 S	5.27 S	5.37 S	5.41 S	5.47 S
16	5.34 S	5.32 S	5.28 S	5.32 S	5.29 S	5.29 S	5.34 S	5.31 S	5.38 S	5.46 S	5.43 S
17	5.38 S	5.33 S	5.39 S	5.20 FG	5.27 S	5.28 S	5.36 S	5.30 S	5.39 S	5.38 S	5.38 S
18	5.52 S	5.38 S	5.42 S	5.31 FS	5.31 S	5.29 S	5.30 S	5.33 S	5.36 S	5.28 S	5.33 S
19	5.54 S	5.47 S	5.54 S	5.51 FS	5.52 S	5.53 S	5.54 S	5.55 S	5.43 FG	5.49 S	5.52 FS
20	6.15 BM	6.02 S	6.18 BM	6.01 BM	6.03 BM	6.01 BM	6.00 BM	6.11 BM	6.11 BM	6.17 BM	6.13 BM
21	6.97-	6.97-	6.97-	6.85 BM	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.2	2.0	2.1	0.3	0.8	2.0	2.2	2.1	2.4	2.1	2.1
BED ELEVATION	6.14	6.75	6.66	6.92	6.82	6.71	6.16	6.13	6.12	6.13	6.35
RIGHT EDGE WATER	20.7	20.8	20.7	>21.0	20.9	20.7	20.7	20.7	20.0	20.8	20.5
BED ELEVATION	6.43	6.37	6.42		6.50	6.41	6.54	6.45	6.11	6.47	6.34

TABLE 11.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0516, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1023	7- 7 1357	7- 9 1110	7-12 1418	7-16 1612	7-20 1617	7-23 1637	7-26 1204	7-29 1654	9-16 855	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.18	6.00	5.91*	5.80	5.73*	5.73*	5.73*	5.71*	5.70*	5.64*	
RIGHT BANK GAGE	6.17	5.99	5.91	5.80	5.73	5.74	5.73	5.71	5.70	5.65	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01
1	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.73
2	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71
3	5.76 M	5.79 FS	5.78 FS	5.80 FS	5.80-	5.73 FS	5.73 S	5.71 BM	5.70 S	5.70-	5.58
4	5.24 FS	5.18 FS	5.19 FS	5.18 FS	5.22 FS	5.20 FS	5.20 FS	5.19 S	5.19 FS	5.16 M	4.97
5	5.12 G	5.11 G	5.11 FG	5.12 G	5.12 G	5.11 G	5.11 G	5.11 G	5.13 G	5.11 S	5.01
6	5.17 G	5.20 CS	5.21 SG	5.25 CS	5.22 FG	5.23 S	5.22 S	5.25 SG	5.24 SG	5.22 S	5.16
7	5.26 SG	5.29 CS	5.31 SG	5.32 CS	5.31 SG	5.30 S	5.30 S	5.29 S	5.32 S	5.29 S	5.22
8	5.27 S	5.31 S	5.36 CS	5.37 S	5.33 S	5.36 S	5.33 S	5.34 S	5.35 S	5.29 S	5.17
9	5.35 S	5.38 S	5.40 S	5.40 S	5.41 S	5.39 S	5.39 S	5.38 FS	5.40 S	5.34 S	5.09
10	5.30 S	5.43 S	5.41 S	5.43 FS	5.42 S	5.43 S	5.44 S	5.44 FS	5.47 S	5.43 S	5.13
11	5.27 S	5.47 S	5.48 S	5.48 S	5.44 S	5.46 S	5.47 S	5.48 FS	5.48 S	5.45 S	5.16
12	5.39 S	5.48 S	5.50 S	5.49 S	5.51 S	5.50 S	5.51 S	5.49 SG	5.49 S	5.48 S	5.18
13	5.29 S	5.40 S	5.43 S	5.46 S	5.43 S	5.42 S	5.43 S	5.44 FS	5.44 S	5.44 S	5.20
14	5.27 S	5.39 S	5.41 S	5.50 S	5.41 S	5.39 S	5.41 S	5.39 FS	5.42 S	5.38 S	5.19
15	5.37 S	5.37 S	5.39 S	5.39 S	5.38 FS	5.38 S	5.40 S	5.39 FS	5.39 S	5.37 S	5.18
16	5.34 S	5.36 S	5.44 S	5.39 FS	5.38 FS	5.39 S	5.41 S	5.39 S	5.41 S	5.34 S	5.17
17	5.30 S	5.36 S	5.31 S	5.37 FS	5.34 FS	5.35 S	5.36 S	5.35 S	5.37 S	5.34 S	5.13
18	5.27 S	5.30 S	5.32 FS	5.33 FS	5.32 FS	5.32 FS	5.32 S	5.31 S	5.33 S	5.35 S	5.14
19	5.47 FS	5.48 BM	5.48 BM	5.49 S	5.51 BM	5.48 FS	5.48 FS	5.47 FS	5.47 S	5.44 S	5.43
20	6.07 BM	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	5.95
21	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.2	2.4	2.6	3.0	3.1	3.0	3.0	3.0	3.0	3.1	
BED ELEVATION	6.15	5.99	5.91	5.80	5.73	5.73	5.73	5.71	5.70	5.64	
RIGHT EDGE WATER	20.2	19.9	19.9	19.7	19.7	19.7	19.7	19.6	19.6	19.4	
BED ELEVATION	6.17	5.98	5.91	5.79	5.73	5.74	5.73	5.71	5.70	5.65	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 12:- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0556, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1410	5-14 1600	5-16 1320	5-19 1352	5-21 1404	5-22 1304	5-26 1145	5-27 1444	5-28 1439	5-30 1320	6- 1 1258
WATER SURFACE(1)											
LEFT BANK GAGE	5.99	5.93	5.86	5.91	6.23	6.63	6.31	6.11	6.05	5.96	5.95
RIGHT BANK GAGE	5.99	5.93	5.86*	5.91	6.22	6.61	6.31	6.10	6.06	5.96*	5.95
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	7.02+	7.02+	7.02+	7.02+	7.02+		7.02+	7.02+	7.02+	7.02+	7.02+
2	6.86+	6.86+	6.86+	6.86+	6.86+		6.86+	6.86+	6.86+	6.86+	6.86+
3#	5.86 BM	5.77 BM	5.86 BM	5.86-	5.93 BM		5.92 SG	5.98 BM	5.80 SG	5.88 BM	5.93 SG
4#	6.23+	6.23+	6.23+	6.23+	6.23 BM		6.26 BM	6.10 BM	6.05 BM	5.96 BM	5.95
5#	4.87 HB	4.87 BM	4.84 CG	5.49 BM	5.78 BM		5.76 SG	5.76 BM	5.75 BM	5.71 HB	5.72
6#	4.69 HB	4.70 G	4.75 CG	5.24 M	5.43 BM		5.47 BM	5.40 BM	5.37 BM	4.71 HB	4.64 G
7	4.71 HB	4.73 CG	4.82 CG	4.75 G	4.71 CG		4.71 SG	4.71 CG	4.71 CG	4.73 HB	4.65 CG
8	4.81 HB	4.75 SG	4.82 CG	4.78 SG	4.69 CG		4.79 SG	4.80 FG	4.78 CG	4.83 CG	4.85 CG
9	4.86	4.95 SG	4.93	4.89	4.85		4.85 SG	4.86	4.85 CG	4.88	4.85 SG
10	4.95	5.03	5.06	4.98	5.05		5.02	4.97	4.99 CG	5.00	4.99 SG
11	5.11	5.12	5.14	5.17	5.19		5.17	5.10	5.08	5.08	5.07
12	5.32	5.27	5.36	5.21	5.22		5.15	5.20	5.17	5.20	5.17
13	5.44	5.49	5.46	5.39	5.38		5.28	5.27	5.28	5.28	5.26
14	5.59	5.56	5.56	5.63	5.66		5.28	5.35	5.36	5.39	5.42
15	5.75 SG	5.74 CG	5.72 SG	5.73 SG	5.74		5.44	5.40	5.43	5.46	5.46 CG
16	5.78 SG	5.78 CG	5.78 SG	5.79 SG	5.80		5.60	5.59	5.64 CG	5.60	5.64 CG
17	5.81	5.80 CG	5.81 SG	5.80 SG	5.84		5.66	5.63	5.67 CG	5.66	5.66
18	5.87	5.86	5.84 CG	5.90	5.90-		5.68	5.69	5.81 CG	5.68	5.71 M
19	5.99 BM	5.99-	5.99-	5.99-	5.99-		6.23 BM	6.23	6.06 BM	6.06-	6.06-
20	6.82+	6.82+	6.82+	6.82+	6.82+		6.82+	6.82+	6.82+	6.82+	6.82+
21	6.98+	6.98+	6.98+	6.98+	6.98+		6.98+	6.98+	6.98+	6.98+	6.98+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.6	2.7	3.0	2.7	2.5		2.3	2.5	2.8	2.8	2.9
BED ELEVATION	5.99	5.93	5.86	5.91	6.23		6.14	6.11	6.05	5.96	5.95
RIGHT EDGE WATER	19.0	18.7	18.7	18.6	18.8		19.0	18.9	19.0	18.9	18.9
BED ELEVATION	5.99	5.93	5.86	5.91	6.10		6.23	6.01	6.06	5.96	5.95

TABLE 12.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0556, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1432	6- 5 1207	6- 7 1406	6- 9 1605	6-10 1530	6-11 1536	6-12 1655	6-13 1450	6-14 1445	6-15 1550	6-16 1442
WATER SURFACE(1)											
LEFT BANK GAGE	5.95	5.97	6.03	6.52	6.79	7.02	7.12	7.07	6.97	6.78	6.37
RIGHT BANK GAGE	5.95	5.97	6.02	6.50	6.76	6.99	7.09	7.07	6.95	6.76	6.36
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	7.02+	7.02+	7.02+	7.02+	7.02+	7.02 BM	6.96 BM	7.07 BM	7.07-	7.07-	
2	6.86+	6.86+	6.86+	6.86+	6.86+	6.86 BM	6.85 BM	6.87 BM	6.34 G	6.78 BM	
3#	5.75 BM	5.75-	5.75-	6.02 BM	5.91 BM	6.40 BM	6.41 BM	6.33 BM	6.22 BM	6.03 BM	
4#	5.95-	5.95-	5.95-	6.06 BM	6.04 BM	6.10 BM	5.97 S	6.07 S	6.08 BM	6.24 BM	
5#	5.72-	5.72-	5.72-	5.49 BM	5.48 BM	5.52 BM	5.51 BM	5.58 BM	5.58 BM	5.52 BM	
6#											
7	4.74 G	4.70 G	4.70-	4.76 BM	4.72 HB	5.50 BM	5.65 BM	5.58 BM	5.57 BM	5.59 BM	
8	4.74 G	4.70 G	4.73 G	4.72 G	4.72 HB	4.70 G	4.78 S	4.85 S	4.85 S	4.73 G	
9	4.84 G	4.81 G	4.76 SG	4.73 G	4.85 S	4.73 G	4.86 S	4.73 SG	4.78 G	4.73 G	
10	4.85 SG	4.83 FG	4.84 SG	4.86 S	5.03 S	4.86 S	4.76 S	4.82 G	4.84 SG	4.79 G	
	5.00 S	4.99 S	4.98 S	4.99 S	5.23 S	4.98 S	4.95 S	4.81 G	4.88 S	4.91 S	
11	5.06 S	5.05 SG	5.05 SG	5.16 S	5.24 S	5.11 S	5.03 S	4.97 SG	5.02 S	5.12 S	
12	5.17 SG	5.17 S	5.15 S	5.25 S	5.35 S	5.34 S	5.34 S	5.17 S	5.21 S	5.12 S	
13	5.26 S	5.26 S	5.25 S	5.47 S	5.46 S	5.50 S	5.46 S	5.42 S	5.18 S	5.19 S	
14	5.36 S	5.36 S	5.36 FS	5.70 S	5.63 S	5.58 S	5.69 S	5.61 S	5.26 S	5.14 S	
15	5.43 S	5.41 S	5.43 FS	5.76 S	5.71 S	5.85 S	5.70 S	5.67 S	5.33 S	5.31 S	
16	5.60 S	5.59 S	5.57 FS	5.70 S	5.74 S	5.62 S	5.56 S	5.61 S	5.33 S	5.30 S	
17	5.66 S	5.64 S	5.69 FS	5.69 S	5.61 S	5.59 S	5.56 S	5.59 S	5.43 S	5.41 S	
18	5.72 M	5.67 M	5.71 M	5.59 S	5.51 S	5.69 S	5.62 SG	5.73 G	5.63 BM	5.79 S	
19	6.06-	6.06-	6.06-	6.42 BM	6.54 BM	6.48 BM	6.39 BM	6.56 BM	6.55 BM	6.48 BM	
20	6.82+	6.82+	6.82+	6.82+	6.82+	6.82 BM	6.91 BM	6.90 BM	6.83 BM	6.83-	
21	6.98+	6.98+	6.98+	6.98+	6.98+	6.98 BM	7.03 BM	7.02 BM	7.02-	7.02-	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.8	2.6	2.5	2.2	2.1	1.0	0.6	1.0	1.1	2.0	
BED ELEVATION	5.95	5.97	6.03	6.17	6.79	7.02	7.12	7.07	6.97	6.78	
RIGHT EDGE WATER	18.9	18.7	18.9	19.2	19.8	>21.0	>21.0	>21.0	20.4	19.8	
BED ELEVATION	5.95	5.97	6.02	6.50	6.76				6.95	6.75	

TABLE 12.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0556, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1554	6-18 1553	6-19 400	6-20 1452	6-21 1438	6-23 1354	6-25 1048	6-27 1020	6-29 1053	7- 1 1438	7- 3 1450
WATER SURFACE(1)											
LEFT BANK GAGE	6.46	6.79	6.69	6.99	6.86	6.75	6.58	6.52	6.13	6.50	6.38
RIGHT BANK GAGE	6.45	6.78	6.68	6.96	6.84	6.73	6.56	6.50	6.12	6.49	6.36
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-
2	6.78-	6.78-	6.78-	6.82-	6.83-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-
3#	5.95 BH	5.99 G	5.98 G	6.07 BH	5.97 BH	5.98 G	5.96 G	5.94 BH	5.87 SG	5.85 BH	5.91 SG
4#	5.73 BH	5.51 M	6.04 G	5.95 H	5.96 BH	5.98 BH	6.28 BH	6.00 BH	6.00-	6.20 BH	6.15 BH
5#	4.79 BH	4.79-	5.41 S	5.40 BH	5.48 BH	5.80 BH	5.70 BH	5.49 BH	4.87 G	4.76 G	4.83 G
6#	4.69 HB	4.69-	4.70 S	5.15 BH	5.53 BH	4.71 G	4.71 G	4.67 G	4.70 G	4.74 HB	4.69 G
7	4.72	4.83 G	4.72 S	4.83 G	4.76 CC	4.73 HB	4.69 G	4.70 G	4.71 G	4.74 HB	4.75 G
8	4.72	4.70	4.71 S	4.73 G	4.71 CC	4.73	4.69	4.70	4.73	4.76	4.87
9	4.78	4.84	4.88 S	4.85 S	4.90 S	4.84 S	4.86	4.86	4.86	4.88	5.01
10	4.94	4.93	5.08 S	5.04 S	5.12 S	5.04 S	5.06	4.94	5.02	4.94	5.14
11	5.01 S	5.04 S	5.03 S	5.15 S	5.18 S	4.99 S	5.09 S	4.97 S	5.09 S	5.17 S	5.22 S
12	5.19	5.19	5.15 S	5.02 S	5.17 S	5.26 S	5.17 S	5.16 S	5.18 S	5.37 S	5.46 S
13	5.22	5.30	5.33 S	5.15 S	5.25 S	5.42 S	5.27 S	5.36 S	5.42 S	5.50 S	5.57 S
14	5.25	5.28	5.40 S	5.30 S	5.25 S	5.32 S	5.32 S	5.53 S	5.48 S	5.51 S	5.66 S
15	5.35	5.16	5.38 S	5.35 S	5.40 S	5.46 S	5.57 S	5.53 S	5.64 S	5.58 S	5.74 S
16	5.35	5.25 CS	5.39 S	5.38 S	5.37 S	5.54 S	5.63 S	5.64 S	5.69 S	5.65 S	5.86 S
17	5.35	5.42 S	5.40 S	5.43 S	5.56 S	5.54 S	5.56 S	5.66 S	5.68 S	5.69 S	5.85 S
18	5.66	5.56	5.58 S	5.69 S	5.71 BH	5.65 S	5.63 S	5.62 S	5.62 BH	5.61 S	5.66 S
19	6.46	6.43 BH	6.23 BH	6.45 BH	6.44 BH	6.03 BH	6.19 BH	6.23 BH	6.23 BH	6.19 BH	6.24 BH
20	6.83	6.83	6.83	6.83 BH	6.83 BH	6.72 BH	6.72 BH	6.72	6.72	6.72	6.72
21	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.2	2.1	2.1	1.1	1.5	2.0	2.2	2.1	2.2	2.2	2.2
BED ELEVATION	6.15	6.79	6.69	6.99	6.86	6.75	6.15	6.11	6.13	6.18	6.13
RIGHT EDGE WATER	19.0	19.8	19.6	20.6	20.1	20.0	19.6	19.2	18.8	19.2	19.0
BED ELEVATION	6.45	6.78	6.68	6.95	6.84	6.72	6.56	6.50	6.12	6.48	6.24

TABLE 12.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0556, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1039	7- 7 1348	7- 9 1115	7-12 1410	7-16 1405	7-20 1608	7-23 1630	7-26 1153	7-29 1644	9-16 840	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.19	6.00	5.91	5.80	5.75	5.73	5.73	5.71	5.70	5.64	
RIGHT BANK GAGE	6.18	5.99*	5.91*	5.80*	5.75*	5.74*	5.72	5.71*	5.70*	5.64*	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
1	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	6.96
2	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.34
3#	5.85 G	5.84 G	5.89 G	5.89-	5.89-	5.89-	5.89-	5.89-	5.89-	5.89-	5.75
4#	6.16 BM	6.16-	5.13 G	5.17 FG	5.20 BM	5.20 G	5.16 SG	5.18 G	5.15 G	5.22 S	5.13
5#	4.90 G	4.78 G	4.89 G	4.82 G	4.84 G	4.81 G	4.85 G	4.82 G	4.83 G	4.86 HB	4.76
6#	4.72 G	4.71 G	4.74 G	4.73 CG	4.75 G	4.71 G	4.75 G	4.77 CG	4.76 G	4.72 SG	4.64
7	4.73 G	4.77 G	4.76 G	4.75 CG	4.75 G	4.73 CG	4.76 G	4.75 CG	4.77 CG	4.75 SG	4.65
8	4.81 HB	4.79 HB	4.78 G	4.79 HB	4.80 G	4.80 HB	4.77 G	4.77 SG	4.80 S	4.82 S	4.69
9	4.98 S	4.89 S	4.89 S	4.89 S	4.93 S	4.90 S	4.93 S	4.94 S	4.97 S	4.92 S	4.76
10	5.09 S	5.00 S	5.04 S	5.08 S	5.05 FS	5.06 S	5.05 S	5.07 S	5.08 S	5.04 S	4.81
11	5.08 S	5.19 S	5.20 S	5.20 S	5.18 FS	5.18 S	5.19 S	5.19 S	5.19 S	5.16 S	4.87
12	5.24 CS	5.35 S	5.38 S	5.38 S	5.33 S	5.33 S	5.35 FS	5.35 S	5.38 S	5.32 S	4.91
13	5.46 S	5.49 S	5.52 S	5.52 S	5.53 S	5.51 S	5.50 FS	5.50 S	5.57 S	5.51 S	4.85
14	5.70 CS	5.68 S	5.68 CS	5.68 CS	5.68 S	5.67 CS	5.67 FS	5.68 CS	5.70 CS	5.70 S	4.89
15	5.86 CS	5.81 CS	5.81 S	5.81-	5.81-	5.81-	5.81-	5.81-	5.81-	5.81-	4.89
16	5.90 S	5.88 CS	5.89 CS	5.89-	5.89-	5.89-	5.89-	5.89-	5.89-	5.89-	5.25
17	5.86 S	5.87 CS	5.86 S	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-	5.40
18	5.64 BM	5.61 FS	5.67 FS	5.67-	5.67-	5.67-	5.67-	5.67-	5.67-	5.67-	5.10
19	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	5.99
20	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72
21	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	6.98
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.3	2.7	2.9	3.1	3.3	3.4	3.3	3.4	3.5	3.6	
BED ELEVATION	6.12	6.00	5.91	5.80	5.75	5.73	5.73	5.71	5.70	5.64	
RIGHT EDGE WATER	18.8	18.8	18.7	14.8	14.5	14.5	14.4	14.3	14.0	13.8	
BED ELEVATION	6.18	5.99	5.91	5.80	5.75	5.73	5.72	5.71	5.70	5.64	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

ERRATIC VALUES OF BED ELEVATION AT DISTANCES 3, 4, 5, AND 6 METERS ARE DUE TO PRESENCE OF FALLEN TREE; OBSERVERS

COULD NOT ALWAYS DISCRIMINATE BETWEEN TREE LIMBS AND TRUE RIVER BED.

TABLE 13.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0602, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1412	5-14 1334	5-16 1310	5-19 1345	5-21 1355	5-22 1306	5-26 1115	5-27 1430	5-28 1433	5-30 1312	6- 1 1246
WATER SURFACE(1)											
LEFT BANK GAGE	6.00	5.96	5.87	5.92	6.25	6.65	6.32	6.11	6.06	5.96	5.95
RIGHT BANK GAGE	6.00	5.94	5.87	5.92	6.25	6.64	6.31	6.11	6.06	5.96	5.95
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.53+	6.53+	6.53+	6.53+	6.53+		6.53+	6.53+	6.53+	6.53+	6.53+
1	6.15+	6.15+	6.15+	6.15+	6.15+		6.18 BM	6.18-	6.18-	6.18-	6.18-
2	5.96 BM	5.96-	5.96-	5.96-	5.96-		6.01 BM	5.99 FS	6.01 FS	6.01-	6.01-
3	5.70 FS	5.77 M	5.77 M	5.84 BM	5.84 M		5.90 M	5.83 FS	5.85 FS	5.91 FS	5.86 FS
4	5.52 FS	5.53 M	5.52 M	5.52 FS	5.54 S		5.60 M	5.67 FS	5.65 FS	5.64 FS	5.67 FS
5	5.33 FS	5.36 S	5.35 FS	5.35 S	5.39 S		5.40 M	5.39 FS	5.40 FS	5.42 M	5.43 FS
6	5.37 FS	5.47 S	5.45 FS	5.46 S	5.46 S		5.15 M	5.14 FS	5.08 FS	5.12 M	5.13 FS
7	5.46 FS	5.51 S	5.49 S	5.52 S	5.46 S		5.04 FS	5.04 FS	5.03 FS	5.05 M	5.04 FS
8	5.38 FS	5.56 S	5.53 S	5.53 S	5.46 S		5.04 FS	5.04 FS	5.12 FS	5.18 S	5.35 FS
9	5.55 S	5.58 S	5.51 S	5.52 S	5.43 S		5.09 FS	5.29 FS	5.44 S	5.51 S	5.56 S
10	5.56 S	5.58 S	5.57 S	5.51 S	5.48 S		5.10 FS	5.42 FS	5.53 S	5.54 S	5.55 S
11	5.54 S	5.57 S	5.53 S	5.54 S	5.44 S		5.26 FS	5.52 FS	5.56 S	5.51 S	5.52 S
12	5.52 S	5.53 S	5.50 S	5.44 S	5.49 S		5.31 FS	5.52 FS	5.56 S	5.51 S	5.50 S
13	5.47 S	5.49 S	5.47 S	5.45 S	5.54 S		5.38 FS	5.48 FS	5.47 S	5.46 S	5.47 S
14	5.50 S	5.53 S	5.51 S	5.50 S	5.53 S		5.36 S	5.41 S	5.43 S	5.38 S	5.43 S
15	5.49 SG	5.51 SG	5.50 G	5.50 SG	5.53 S		5.27 FG	5.31 SG	5.32 SG	5.29 SG	5.35 S
16	5.44 SG	5.45 SG	5.45 G	5.44 S	5.46 S		5.31 FG	5.31 SG	5.32 SG	5.32 G	5.32 SG
17	5.43 SG	5.44 SG	5.45 G	5.44 S	5.49 S		5.37 FG	5.39 FG	5.40 FG	5.40 G	5.38 SG
18	5.58 FG	5.57 SG	5.55 G	5.54 FG	5.56 S		5.39 G	5.39 FG	5.38 FG	5.38 G	5.37 SG
19	5.61 FG	5.62 SG	5.63 G	5.62 FG	5.61 S		5.39 G	5.38 G	5.37 G	5.37 G	5.37 G
20	5.57 SG	5.58 SG	5.59 SG	5.59 BM	5.58 S		5.35 FG	5.38 G	5.34 G	5.40 G	5.42 BM
21	5.91 BM	5.94 BM	5.94-	5.94-	6.05 BM		6.04 BM	5.96 BM	5.99 BM	5.96 BM	5.75 BM
22	6.59+	6.59+	6.59+	6.59+	6.59+		6.59+	6.59+	6.59+	6.59+	6.59+
23	6.71+	6.71+	6.71+	6.71+	6.71+		6.71+	6.71+	6.71+	6.71+	6.71+
24	6.83+	6.83+	6.83+	6.83+	6.83+		6.83+	6.83+	6.83+	6.83+	6.83+
25	6.89+	6.89+	6.89+	6.89+	6.89+		6.89+	6.89+	6.89+	6.89+	6.89+
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.9	2.4	2.7	2.5	0.3		0.5	1.2	1.5	2.8	2.4
BED ELEVATION	5.96	5.96	5.87	5.92	6.25		6.23	6.11	6.06	5.96	5.95
RIGHT EDGE WATER	21.1	21.0	20.7	20.7	21.1		21.0	21.2	21.2	21.0	21.0
BED ELEVATION	6.00	5.94	5.67	5.68	6.13		6.04	6.11	6.06	5.96	5.75

TABLE 13.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0602, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1422	6- 5 1202	6- 7 1351	6- 9 1539	6-10 1510	6-11 1558	6-12 1605	6-13 1415	6-14 1423	6-15 1525	6-16 1440
WATER SURFACE(1)											
LEFT BANK GAGE	5.95	5.98	6.04	6.54	6.80	7.04	7.14	7.07	6.98	6.78	6.37
RIGHT BANK GAGE	5.95	5.97	6.03	6.52	6.79	7.04	7.13	7.06	6.96	6.77	6.37
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.53+	6.53+	6.53+	6.53 BM	6.49 BM	6.54 BM	6.52 BM	6.53 BM	6.52 BM	6.53 BM	
1	6.18-	6.18-	6.18-	6.15 BM	6.12 BM	6.21 BM	6.13 BM	6.14 BM	6.18 BM	6.14 BM	
2	6.01-	6.01-	6.01-	6.01 F	5.97 F	6.09 F	6.09 F	6.00 F	6.02 F	5.98 F	
3	5.86	5.84	5.88	5.76 F	5.83 F	5.89 F	5.79 F	5.81 F	5.89 F	5.80 F	
4	5.67	5.67	5.60	5.53 F	5.55 F	5.58 F	5.54 F	5.56 F	5.60 F	5.57 F	
5	5.41	5.37	5.52	5.47 S	5.25 S	5.42 F	5.32 F	5.33 S	5.36 F	5.29 F	
6	5.16	5.17	5.33	5.42 S	5.25 S	5.29 F	5.22 F	5.18 S	5.07 F	5.16 F	
7	5.08	5.32	5.55	5.40 S	5.25 S	5.32 F	5.21 F	4.99 S	5.04 F	5.05 F	
8	5.55	5.58	5.63	5.43 S	5.26 S	5.32 F	5.20 S	5.08 S	5.06 S	4.97 S	
9	5.62	5.64	5.66	5.55 S	5.49 S	5.19 S	5.15 S	5.04 S	5.19 S	4.95 S	
10	5.57	5.57	5.62	5.49 S	5.51 S	5.21 S	5.22 S	5.20 S	5.15 S	4.98 S	
11	5.53	5.56	5.56	5.50 S	5.47 S	5.21 S	5.19 S	5.27 S	5.20 S	5.13 S	
12	5.52	5.50	5.55	5.46 S	5.31 S	5.41 S	5.26 S	5.36 S	5.25 S	5.23 S	
13	5.47	5.47	5.49	5.50 S	5.39 C	5.36 C	5.34 S	5.33 S	5.27 S	5.22 S	
14	5.40	5.42	5.48	5.44 S	5.49 S	5.29 S	5.36 S	5.32 S	5.29 S	5.23 S	
15	5.37	5.41	5.44	5.61 S	5.47 S	5.49 S	5.45 S	5.31 FG	5.27 SG	5.27 G	
16	5.31	5.37	5.46	5.63 S	5.54 S	5.44 S	5.42 S	5.31 FG	5.27 SG	5.32 G	
17	5.40	5.38	5.40	5.64 S	5.47 C	5.54 S	5.35 G	5.37 G	5.36 G	5.34 G	
18	5.37	5.38	5.44	5.68 S	5.55 S	5.51 S	5.39 G	5.36 G	5.38 G	5.36 G	
19	5.36	5.37	5.43	5.69 S	5.57 C	5.56 S	5.33 G	5.37 G	5.40 G	5.36 G	
20	5.48	5.34	5.36	5.65 S	5.51 SG	5.65 CS	5.31 S	5.42 FG	5.36 G	5.37 G	
21	5.95	5.97	6.03	6.22 BM	6.31 BM	6.37 BM	6.30 BM	6.26 S	6.24 BM	6.35 BM	
22	6.59+	6.59+	6.59+	6.59+	6.59 BM	6.53 BM	6.56 BM	6.49 BM	6.61 BM	6.62 BM	
23	6.71+	6.71+	6.71+	6.71+	6.71+	6.71 BM	6.77 BM	6.67 BM	6.74 BM	6.74-	
24	6.83+	6.83+	6.83+	6.83+	6.83+	6.83 BM	6.76 BM	6.80 BM	6.76 BM	6.76-	
25	6.89+	6.89+	6.89+	6.89+	6.89+	6.89 BM	6.85 BM	6.82 BM	6.76 BM	6.76-	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.2	2.2	1.6	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	
BED ELEVATION	5.95	5.97	6.03								
RIGHT EDGE WATER	21.0	21.0	21.0	21.9	22.8	>25.0	>25.0	>25.0	>25.0	22.8	
BED ELEVATION	5.95	5.97	6.03	6.52	6.78					6.76	

TABLE 13.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0602, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1540	6-18 1524	6-19 1335	6-20 1420	6-21 1421	6-23 1335	6-25 1100	6-27 1036	6-29 1054	7- 1 1432	7- 3 1442
WATER SURFACE(1)											
LEFT BANK GAGE	6.46	6.79*	6.70	6.98	6.85	6.73	6.58	6.53	6.13	6.52	6.40
RIGHT BANK GAGE	6.46	6.78	6.69	6.96	6.86	6.73	6.58	6.52	6.13	6.51	6.39
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.53-	6.52 BM	6.48 BM	6.53 BM	6.48 BM	6.51 BM	6.48 BM	6.51 BM	6.51-	6.51 BM	6.51-
1	6.16 BM	6.16 BM	6.16 M	6.17 BM	6.13 M	6.15 BM	6.16 BM	6.17 BM	6.17-	6.14 BM	6.17 BM
2	6.02 FS	6.04 M	6.08 M	5.99 M	5.98 M	6.01 FS	6.02 M	6.04 M	6.03 FS	6.02 FS	6.02 FS
3	5.81 FS	5.85 M	5.83 M	5.79 M	5.88 M	5.93 FS	5.94 M	5.96 M	5.96 FS	5.97 FS	5.96 FS
4	5.57 FS	5.62 M	5.59 M	5.62 FS	5.62 FS	5.70 FS	5.66 M	5.63 M	5.55 FS	5.47 FS	5.54 HB
5	5.34 FS	5.35 M	5.32 M	5.28 FS	5.28 FS	5.25 S	5.18 S	5.21 S	5.21 FS	5.35 FS	5.29 S
6	5.13 FS	5.09 M	5.11 FS	5.09 FS	5.10 FS	5.01 FS	5.20 S	5.21 S	5.32 S	5.33 S	5.39 S
7	5.05 FS	5.03 M	5.02 FS	4.96 FS	4.90 FS	5.01 FS	5.28 S	5.25 S	5.43 S	5.51 S	5.37 S
8	5.01 FS	5.08 S	5.02 FS	4.95 S	5.04 S	5.11 S	5.38 S	5.35 S	5.48 S	5.53 S	5.41 S
9	5.05 FS	5.10 S	4.92 FS	5.06 S	4.96 S	5.20 S	5.26 S	5.40 S	5.43 S	5.56 S	5.51 S
10	5.10 FS	5.10 S	5.08 S	5.05 S	5.01 S	5.15 S	5.30 S	5.34 S	5.47 S	5.52 S	5.49 S
11	5.11 FS	5.09 S	5.17 S	5.05 S	5.07 S	5.21 S	5.46 S	5.54 S	5.52 S	5.53 S	5.47 S
12	5.29 FS	5.04 S	5.10 S	5.07 S	5.07 S	5.30 S	5.52 S	5.61 S	5.47 S	5.58 S	5.49 S
13	5.30 FS	5.17 S	5.16 S	5.26 S	5.27 S	5.38 S	5.34 S	5.55 S	5.60 S	5.60 S	5.54 S
14	5.32 FS	5.22 S	5.29 S	5.27 S	5.31 S	5.35 S	5.33 S	5.52 S	5.52 S	5.54 S	5.49 S
15	5.30 G	5.23 G	5.29 S	5.32 S	5.32 S	5.33 S	5.38 S	5.59 S	5.54 FG	5.55 S	5.53 S
16	5.33 G	5.31 S	5.31 S	5.36 S	5.38 S	5.32 CG	5.38 S	5.49 FG	5.52 FG	5.54 S	5.55 CG
17	5.36 G	5.34 CG	5.38 S	5.37 S	5.43 CG	5.33 CG	5.39 S	5.50 CG	5.51 CG	5.49 S	5.51 CG
18	5.39 G	5.35 S	5.39 HB	5.39 FG	5.46 SG	5.43 FG	5.40 G	5.43 FG	5.45 G	5.48 CG	5.49 FG
19	5.39 G	5.40 G	5.39 G	5.38 FG	5.44 FG	5.43 G	5.46 G	5.44 G	5.42 G	5.44 FG	5.43 FG
20	5.38 S	5.34 G	5.37 G	5.34 FG	5.36 G	5.41 BM	5.40 G	5.36 S	5.47 BM	5.46 FG	5.44 BM
21	6.01 BM	6.07 BM	6.36 BM	6.33 BM	6.37 BM	6.35 BM	6.32 BM	6.30 BM	6.30-	6.34 BM	5.97 BM
22	6.62-	6.61 BM	6.67 BM	6.64 BM	6.65 BM	6.68 BM	6.68-	6.68-	6.68-	6.68-	6.68-
23	6.74-	6.72 BM	6.72-	6.78 BM	6.79 BM	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-
24	6.76-	6.76-	6.76-	6.78 BM	6.79 BM	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-
25	6.76-	6.76-	6.76-	6.88 BM	6.86 BM	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.3	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	1.1	< 0.0	0.2
BED ELEVATION	6.46								6.13		6.31
RIGHT EDGE WATER	21.2	23.2	22.2	>25.0	25.0	22.3	21.9	21.7	20.7	21.4	21.2
BED ELEVATION	6.46	6.77	6.69		6.86	6.73	6.58	6.52	5.83	6.51	6.39

TABLE 13.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0602, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1042	7- 7 1341	7- 9 1129	7-12 1405	7-16 1602	7-20 1606	7-23 1628	7-26 1151	7-29 1635	9-16 825	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.21	6.01	5.92*	5.81	5.75*	5.76*	5.76*	5.72*	5.71*	5.66	
RIGHT BANK GAGE	6.20	6.01	5.92	5.81	5.75	5.76	5.76	5.73	5.72	5.67	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.48
1	6.16 BM	6.16-	6.16-	6.16-	6.16-	6.16-	6.16-	6.16-	6.16-	6.16-	6.12
2	6.02 FS	6.02-	6.02-	6.02-	6.02-	6.02-	6.02-	6.02-	6.02-	6.02-	5.96
3	5.89 FS	5.90 FS	5.91 FS	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	4.57
4	5.42 FS	5.41 FS	5.40 FS	5.41 FS	5.40 FS	5.40 FS	5.37 FS	5.33 FS	5.35 S	5.42 S	4.49
5	5.30 S	5.36 S	5.41 FS	5.50 FS	5.57 FS	5.55 S	5.55 S	5.52 S	5.51 CS	5.45 S	4.46
6	5.37 S	5.40 S	5.57 FS	5.60 FS	5.60 S	5.59 CS	5.59 CS	5.59 CS	5.59 CS	5.60 S	4.42
7	5.47 S	5.48 S	5.67 FS	5.62 CS	5.62 CS	5.63 CS	5.61 CS	5.60 CS	5.60 CS	5.63 CS	4.54
8	5.40 S	5.64 S	5.64 FS	5.63 S	5.63 CS	5.64 S	5.62 CS	5.62 CS	5.64 CS	5.64 CS	4.59
9	5.57 S	5.65 S	5.64 FS	5.63 S	5.63 SG	5.64 S	5.62 CS	5.61 SG	5.61 SG	5.61 S	4.62
10	5.49 S	5.62 S	5.60 FS	5.63 S	5.63 FG	5.63 CS	5.60 SG	5.60 SG	5.57 SG	5.56 S	4.62
11	5.50 S	5.60 S	5.50 CS	5.50 S	5.50 S	5.49 S	5.47 SG	5.45 SG	5.49 SG	5.49 S	4.67
12	5.58 S	5.59 S	5.50 S	5.48 S	5.47 S	5.46 S	5.46 SG	5.44 SG	5.48 SG	5.46 S	4.84
13	5.57 CS	5.58 CS	5.49 CS	5.49 CS	5.50 CS	5.51 S	5.51 SG	5.51 SG	5.51 SG	5.47 S	5.03
14	5.53 SG	5.58 CS	5.49 CS	5.50 CS	5.53 SG	5.53 SG	5.47 SG	5.50 FG	5.50 SG	5.48 S	5.20
15	5.53 SG	5.51 SG	5.50 CS	5.51 SG	5.53 SG	5.54 S	5.51 SG	5.51 SG	5.52 SG	5.50 S	5.23
16	5.50 SG	5.50 SG	5.50 CS	5.51 SG	5.53 SG	5.53 CS	5.51 SG	5.51 SG	5.51 SG	5.49 S	5.25
17	5.54 SG	5.50 FG	5.50 G	5.50 G	5.52 G	5.52 FG	5.51 FG	5.51 FG	5.51 FG	5.49 CS	5.30
18	5.50 G	5.51 FG	5.52 G	5.53 G	5.54 G	5.54 FG	5.53 FG	5.53 FG	5.52 G	5.53 CS	5.24
19	5.44 G	5.42 FG	5.42 G	5.44 G	5.43 G	5.45 G	5.45 G	5.43 FG	5.43 G	5.43 CS	5.22
20	5.48 FS	5.51 BM	5.43 BM	5.44 BM	5.47 BM	5.44 BM	5.44 BM	5.43 BM	5.45 BM	5.37 BM	5.31
21	6.06 BM	6.06-	6.06-	6.06-	6.06-	6.06-	6.06-	6.06-	6.06-	6.06-	5.75
22	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.49
23	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.67
24	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.76
25	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.76
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.8	2.6	2.9	3.2	3.3	3.3	3.2	3.2	3.3	3.4	
BED ELEVATION	6.21	6.01	5.92	5.81	5.75	5.76	5.76	5.72	5.71	5.66	
RIGHT EDGE WATER	21.1	20.9	20.9	20.8	20.8	20.9	20.8	20.8	20.8	20.9	
BED ELEVATION	6.07	6.01	5.92	5.81	5.75	5.76	5.76	5.73	5.72	5.67	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT
 - DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT
 - DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 14.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0653, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1400	5-14 1535	5-16 1305	5-19 1339	5-21 1355	5-22 1308	5-26 1105	5-27 1426	5-28 1422	5-30 1303	6- 1 1241
WATER SURFACE(1)											
LEFT BANK GAGE	6.02	5.96	5.88	5.94	6.26	6.65	6.32	6.12	6.07	5.97	5.96
RIGHT BANK GAGE	6.02	5.97	5.88*	5.94	6.27	6.68	6.34	6.13	6.08	5.98	5.97
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.75+	6.75+	6.75+	6.75+	6.75+		6.75+	6.75+	6.75+	6.75+	6.75+
1	6.31+	6.31+	6.31+	6.31+	6.31+		6.31 BM	6.31-	6.31-	6.31-	6.31-
2	6.31+	6.31+	6.31+	6.31+	6.31+		6.31 S	6.31-	6.31-	6.31-	6.31-
3	6.37+	6.37+	6.37+	6.37+	6.37+		6.37+	6.37+	6.37+	6.37+	6.37+
4	6.39+	6.39+	6.39+	6.39+	6.39+		6.39+	6.39+	6.39+	6.39+	6.39+
5	6.44+	6.44+	6.44+	6.44+	6.44+		6.44+	6.44+	6.44+	6.44+	6.44+
6	6.69+	6.69+	6.69+	6.69+	6.69+		6.69+	6.69+	6.69+	6.69+	6.69+
7	6.90+	6.90+	6.90+	6.90+	6.90+		6.90+	6.90+	6.90+	6.90+	6.90+
8	6.82+	6.82+	6.82+	6.82+	6.82+		6.82+	6.82+	6.82+	6.82+	6.82+
9	6.98+	6.98+	6.98+	6.98+	6.98+		6.98+	6.98+	6.98+	6.98+	6.98+
10	6.99+	6.99+	6.99+	6.99+	6.99+		6.99+	6.99+	6.99+	6.99+	6.99+
11	6.96+	6.96+	6.96+	6.96+	6.96+		6.96+	6.96+	6.96+	6.96+	6.96+
12	6.92+	6.92+	6.92+	6.92+	6.92+		6.92+	6.92+	6.92+	6.92+	6.92+
13	6.21+	6.21+	6.21+	6.21+	6.21+		6.21 BM	6.12 BM	6.12-	6.12-	6.12-
14	5.68 SG	5.71 BM	5.68 SG	5.70 S	5.74		5.69 SG	5.71 S	5.68 FS	5.68 SG	5.66 FS
15	5.61 G	5.63 SG	5.63 CG	5.64 SG	5.61 G		5.63 SG	5.64 S	5.60 SG	5.70 SG	5.70 SG
16	5.54 CG	5.55 SG	5.57 CG	5.55 SG	5.52 CG		5.51 CG	5.56 SG	5.56 SG	5.55 SG	5.54 SG
17	5.44 CG	5.46 SG	5.46 SG	5.46 CG	5.43 CG		5.44 CG	5.45 SG	5.47 SG	5.47 SG	5.43 SG
18	5.38 SG	5.42 S	5.38 S	5.41 S	5.38 S		5.39 SG	5.38 S	5.38 S	5.40 SG	5.43 S
19	5.30 SG	5.38 S	5.36 S	5.40 S	5.29 S		5.30 SG	5.35 S	5.33 S	5.37 S	5.38 S
20	5.23 G	5.30 S	5.35 S	5.34 S	5.26 S		5.27 G	5.26 S	5.28 S	5.30 S	5.41 S
21	5.29 SG	5.28 S	5.30 CG	5.29 S	5.22 S		5.17 G	5.25 S	5.22 S	5.27 S	5.39 S
22	5.17 SG	5.18 S	5.18 CG	5.26 S	5.26 S		5.19 G	5.17 CG	5.18 CG	5.18 S	5.28 S
23	5.24 SG	5.29 G	5.28 CG	5.31 CG	5.23 CG		5.24 G	5.25 CG	5.26 CG	5.22 CG	5.37 S
24	5.16 G	5.22 G	5.23 CG	5.24 CG	5.23 G		5.23 G	5.28 CG	5.17 CG	5.25 CG	5.25 S
25	5.44 G	5.46 G	5.46 CG	5.44 CG	5.43 G		5.43 G	5.47 CG	5.47 CG	5.47 G	5.47 CG
26	5.63 CG	5.65 CG	5.62 CG	5.64 CG	5.66 CG		5.64 G	5.73 CG	5.70 CG	5.69 G	5.70 CG
27	5.97 BM	5.97 BM	5.97-	5.97-	5.97 BM		6.02 BM	6.12 BM	6.03 BM	5.97 BM	5.96 BM
28	7.02+	7.02+	7.02+	7.02+	7.02+		7.02+	7.02+	7.02+	7.02+	7.02+
29	7.06+	7.06+	7.06+	7.06+	7.06+		7.06+	7.06+	7.06+	7.06+	7.06+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	13.1	13.2	13.2	13.5	13.1		1.0	13.0	13.2	13.1	13.3
BED ELEVATION	6.02	5.96	5.88	5.78	6.20		6.31	6.12	6.07	5.97	5.96
RIGHT EDGE WATER	27.1	27.0	26.7	26.8	27.3		27.5	27.0	27.2	27.0	27.0
BED ELEVATION	6.02	5.97	5.88	5.94	6.27		6.19	6.12	6.08	5.97	5.96
LEFT EDGE BAR							2.0				
BED ELEVATION							6.31				
RIGHT EDGE BAR							12.9				
BED ELEVATION							6.27				

TABLE 14.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0653, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 1408	6-5 1150	6-7 1337	6-9 1540	6-10 1528	6-11 1535	6-12 1545	6-13 1410	6-14 1408	6-15 1505	6-16 1439
WATER SURFACE(1)											
LEFT BANK GAGE	5.97	6.00	6.07	6.55	6.81	7.04	7.16	7.07	6.97	6.78	6.37
RIGHT BANK GAGE	5.97	6.00	6.07	6.57	6.84	7.07	7.18	7.10	7.00	6.80	6.39
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.75+	6.75+	6.75+	6.75+	6.75 BM	6.79 BM	6.80 BM	6.84 BM	6.79 BM	6.75 BM	
1	6.31-	6.31-	6.31-	6.36	6.34 BM	6.49 BM	6.42 BM	6.40 BM	6.45 BM	6.48 BM	
2	6.31-	6.31-	6.31-	6.31	S	6.31	S	6.27	S	6.25	S
3	6.37+	6.37+	6.37+	6.37	S	6.37	S	6.33	S	6.33	S
4	6.39+	6.39+	6.39+	6.39	S	6.36	S	6.36	S	6.33	S
5	6.44+	6.44+	6.44+	6.44	M	6.46	S	6.44	S	6.51	S
6	6.69+	6.69+	6.69+	6.69	BM	6.70	S	6.71	BM	6.76	BM
7	6.90+	6.90+	6.90+	6.90+		6.90	BM	6.91	BM	6.91	
8	6.82+	6.82+	6.82+	6.82+		6.82	BM	6.82	BM	6.83	
9	6.98+	6.98+	6.98+	6.98+		6.98	BM	6.98	BM	6.95	
10	6.99+	6.99+	6.99+	6.99+		6.99	BM	6.95	BM	6.95	
11	6.96+	6.96+	6.96+	6.96+		6.96	BM	6.93	BM	6.96	
12	6.92+	6.92+	6.92+	6.92+		6.92	BM	6.89	BM	6.90	
13	6.12-	6.12-	6.12-	6.15	BM	6.10	BM	6.23	BM	6.16	BM
14	5.67 FS	5.69 CG	5.67 CG	5.67	G	5.69	S	5.70	G	5.68	G
15	5.64 CG	5.60 CG	5.59 CG	5.61	S	5.66	S	5.61	G	5.65	G
16	5.56 CG	5.53 CG	5.53 CG	5.58	S	5.55	S	5.51	G	5.58	G
17	5.47 SG	5.45 SG	5.48 SG	5.49	S	5.52	S	5.41	G	5.44	G
18	5.46	5.45	5.47	5.40	S	5.42	S	5.36	G	5.39	S
19	5.41	5.40	5.51	5.46	S	5.46	S	5.29	G	5.26	G
20	5.42	5.46	5.50	5.35	S	5.45	S	5.21	CG	5.22	G
21	5.39	5.38	5.49	5.15	S	5.42	S	5.18	S	5.05	G
22	5.39	5.45	5.39	5.24	S	5.19	S	5.08	CG	5.09	G
23	5.47	5.44	5.48	5.37	S	5.24	S	5.18	CG	5.21	G
24	5.28	5.31	5.41	5.35	S	5.17	S	5.16	CG	5.31	G
25	5.44	5.42	5.45	5.39	S	5.23	S	5.29	G	5.43	G
26	5.70	5.68	5.68	5.66	S	5.45	S	5.56	G	5.65	G
27	5.95 BM	6.00 BM	6.00 BM	6.09	BM	5.78	BM	6.00	G	5.87	BM
28	7.02+	7.02+	7.02+	7.02+		7.02	BM	7.02	BM	7.02	BM
29	7.06+	7.06+	7.06+	7.06+		7.06	BM	7.06	BM	7.07	BM
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	13.1	13.3	13.2	0.5	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	0.0	
BED ELEVATION	5.97	6.00	6.07	6.54						6.75	
RIGHT EDGE WATER	27.0	27.0	27.3	27.6		>29.0	>29.0	>29.0	28.0	27.6	
BED ELEVATION	5.97	6.00	6.07	6.48					7.00	6.40	
LEFT EDGE BAR				5.9						6.2	
BED ELEVATION				6.54						6.76	
RIGHT EDGE BAR				12.8						12.2	
BED ELEVATION				6.26						6.77	

TABLE 14.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0653, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1518	6-18 1532	6-19 1317	6-20 1407	6-21 1400	6-23 1317	6-25 1120	6-27 1059	6-29 1102	7- 1 1425	7- 3 1435
WATER SURFACE(1)											
LEFT BANK GAGE	6.47	6.79	6.70	6.97	6.86	6.74	6.60	6.54	6.12	6.53	6.41
RIGHT BANK GAGE	6.48	6.83	6.72	7.01	6.90	6.78	6.62	6.56	6.15	6.55	6.42
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.75-	6.75-	6.75-	6.80	6.83	6.71	6.71-	6.71-	6.71-	6.71-	6.71-
1	6.46 BM	6.45 BM	6.50 BM	6.43 BM	6.36 BM	6.36 BM	6.48 BM	6.46 BM	6.46-	6.40 BM	6.40 BM
2	6.21 FS	6.18 FS	6.25 S	6.20 S	6.23 S	6.23 S	6.36 FS	6.36 FS	6.36-	6.24 FS	6.25 FS
3	6.30 FS	6.28 FS	6.32 S	6.29 S	6.28 S	6.34 FS	6.35 FS	6.34 FS	6.34-	6.33 FS	6.32 FS
4	6.32 FS	6.31 S	6.36 S	6.33 S	6.36 S	6.32 S	6.36 S	6.36 S	6.36-	6.34 FS	6.35 FS
5	6.44 FS	6.46 S	6.48 S	6.45 S	6.50 FS	6.52 FS	6.50 S	6.48 S	6.48-	6.49 FS	6.49-
6	6.70-	6.69 S	6.69 S	6.75 BM	6.76 BM	6.67 FS	6.67-	6.67-	6.67-	6.67-	6.67-
7	6.91-	6.91-	6.91-	6.91 BM	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-
8	6.83-	6.83-	6.83-	6.80 BM	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-
9	6.95-	6.95-	6.95-	6.95 BM	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-
10	6.95-	6.95-	6.95-	6.96 BM	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-
11	6.96-	6.96-	6.96-	6.94 BM	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-
12	6.90-	6.90-	6.90-	6.93 BM	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-
13	6.13 BM	6.12 BM	6.26 BM	5.99 BM	6.01 BM	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-
14	5.68 BM	5.66 BM	5.68 BM	5.67 SG	5.66 G	5.69 BM	5.70 BM	5.69 BM	5.69 BM	5.66 G	5.68 BM
15	5.64 G	5.63 SG	5.61 G	5.65 S	5.60 G	5.62 G	5.64 G	5.64 G	5.61 G	5.60 G	5.61 CG
16	5.54 G	5.51 SG	5.52 G	5.48 G	5.47 FG	5.47 G	5.55 G	5.54 G	5.53 G	5.53 G	5.54 CG
17	5.43 G	5.43 G	5.40 G	5.40 G	5.40 FG	5.40 G	5.42 G	5.46 G	5.43 G	5.49 G	5.47 CG
18	5.36 G	5.38 G	5.39 G	5.31 G	5.34 S	5.33 G	5.36 S	5.37 S	5.37 S	5.46 G	5.41 SG
19	5.37 S	5.30 G	5.32 S	5.27 G	5.36 S	5.28 FG	5.36 S	5.33 G	5.37 S	5.32 G	5.40 S
20	5.29 S	5.29 S	5.30 S	5.24 S	5.24 S	5.28 S	5.36 S	5.28 S	5.36 S	5.25 G	5.31 S
21	5.27 S	5.21 S	5.16 S	5.14 S	5.23 S	5.16 S	5.19 S	5.27 S	5.30 S	5.28 S	5.19 S
22	5.16 S	5.21 S	5.20 S	5.18 S	5.12 S	5.11 S	5.23 S	5.26 S	5.24 S	5.24 S	5.26 S
23	5.21 S	5.16 S	5.20 SG	5.17 G	5.19 FG	5.09 HB	5.21 G	5.32 G	5.26 G	5.38 SG	5.30 S
24	5.23 G	5.21 G	5.24 G	5.23 G	5.24 G	5.26 G	5.21 G	5.20 G	5.23 G	5.20 SG	5.19 CG
25	5.38 G	5.41 G	5.38 G	5.35 G	5.39 G	5.38 G	5.36 G	5.35 G	5.36 G	5.42 G	5.39 CG
26	5.61 G	5.61 G	5.57 G	5.60 G	5.65 G	5.67 G	5.61 G	5.60 G	5.64 G	5.61 G	5.62 CG
27	5.96 BM	5.88 BM	6.00 BM	6.00 BM	6.06 BM	6.03 BM	5.93 BM	5.91 BM	5.97 BM	5.94 G	5.91 CG
28	7.00-	7.00-	7.00-	7.01 BM	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-
29	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.0	0.1	0.1	< 0.0	0.0	0.0	0.5	0.7	12.9	0.7	1.0
BED ELEVATION	6.46	6.75	6.68		6.83	6.71	6.58	6.53	6.12	6.51	6.40
RIGHT EDGE WATER	27.7	27.9	27.7	28.0	27.7	27.6	27.8	27.8	27.3	27.7	27.6
BED ELEVATION	6.42	6.53	6.61	7.01	6.90	6.78	6.62	6.56	6.15	6.35	6.42
LEFT EDGE BAR	5.1	6.3	5.9	9.0	6.3	6.1	5.6	5.4		5.2	4.8
BED ELEVATION	6.46	6.77	6.69	6.95	6.84	6.72	6.59	6.53		6.51	6.40
RIGHT EDGE BAR	12.8	12.7	12.8	10.0	12.0	12.6	12.9	12.7		13.1	13.0
BED ELEVATION	6.47	6.78	6.70	6.96	6.77	6.74	6.60	6.23		6.14	6.20

TABLE 14.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0653, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1053	7- 7 1335	7- 9 1132	7-12 1358	7-16 1556	7-20 1556	7-23 1621	7-26 1144	7-29 1624	9-16 803	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.22	6.02	5.94	5.82	5.76	5.77	5.77	5.74	5.73	5.68	
RIGHT BANK GAGE	6.23	6.03	5.94	5.82	5.76	5.77	5.77	5.74	5.73	5.68	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71
1	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.31
2	6.25-	6.25-	6.25-	6.25-	6.25-	6.25-	6.25-	6.25-	6.25-	6.25-	6.18
3	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.28
4	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.26
5	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.40
6	6.67-	6.67-	6.67-	6.67-	6.67-	6.67-	6.67-	6.67-	6.67-	6.67-	6.67
7	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.88
8	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80
9	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95
10	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.95
11	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.93
12	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77
13	6.22- BM	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	5.99
14	5.65 SG	5.64 SG	5.66 SG	5.64 SG	5.65 SG	5.65 SG	5.67 G	5.64 SG	5.69 FS	5.68 S	5.59
15	5.61 SG	5.60 SG	5.58 SG	5.59 SG	5.58 SG	5.60 SG	5.58 G	5.62 G	5.59 CG	5.57 SG	5.38
16	5.55 SG	5.52 SG	5.55 SG	5.54 SG	5.55 SG	5.55 SG	5.56 G	5.54 G	5.53 CG	5.53 SG	5.47
17	5.49 SG	5.47 SG	5.46 SG	5.47 SG	5.45 SG	5.46 SG	5.46 SG	5.44 SG	5.46 CG	5.47 SG	5.38
18	5.45 SG	5.43 S	5.43 FS	5.42 S	5.44 SG	5.43 FS	5.44 SG	5.42 SG	5.42 SG	5.44 SG	5.29
19	5.38 FG	5.40 S	5.35 FS	5.39 S	5.35 SG	5.35 FS	5.35 SG	5.34 SG	5.34 SG	5.35 S	5.25
20	5.40 FG	5.32 S	5.35 S	5.31 S	5.33 S	5.33 SG	5.30 S	5.33 SG	5.33 S	5.30 S	5.17
21	5.23 SG	5.24 S	5.31 CS	5.29 CS	5.29 CS	5.29 SG	5.29 CS	5.29 FG	5.32 FG	5.31 S	5.05
22	5.21 FG	5.15 S	5.21 CS	5.20 CS	5.22 SG	5.23 FG	5.22 SG	5.22 FG	5.22 FG	5.31 S	5.08
23	5.26 S	5.23 G	5.27 FG	5.29 S	5.28 S	5.26 S	5.27 CS	5.25 G	5.27 CG	5.24 SG	5.07
24	5.14 CG	5.16 CG	5.17 G	5.18 CG	5.17 CG	5.16 CG	5.17 CG	5.17 CG	5.20 CG	5.18 G	5.11
25	5.40 CG	5.40 G	5.43 CG	5.45 CG	5.44 CG	5.47 G	5.40 G	5.41 G	5.46 CG	5.46 G	5.23
26	5.66 CG	5.63 G	5.67 CG	5.65 CG	5.64 CG	5.64 CG	5.63 G	5.64 CG	5.66 CG	5.65 G	5.45
27	5.97 G	5.92 G	5.91 CG	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.78
28	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.00
29	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.06
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	13.0	13.4	13.6	13.6	13.7	13.6	13.7	13.8	13.8	14.0	
BED ELEVATION	6.22	6.02	5.94	5.82	5.75	5.77	5.77	5.74	5.73	5.68	
RIGHT EDGE WATER	27.6	27.2	27.1	26.7	26.6	26.6	26.6	26.4	26.2	26.2	
BED ELEVATION	6.23	6.03	5.94	5.82	5.76	5.77	5.77	5.74	5.73	5.68	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 15.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0708, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1354	5-14 1515	5-16 1255	5-19 1330	5-21 1346	5-22 1310	5-26 1055	5-27 1409	5-28 1410	5-30 1300	6- 1 1236
WATER SURFACE(1)											
LEFT BANK GAGE	6.07	6.02	5.94	6.00	6.31	6.71	6.37	6.16	6.11	6.02	6.02
RIGHT BANK GAGE	6.07	6.02	5.95	6.00	6.32	6.73	6.37	6.16	6.11	6.02	6.01
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.00+	7.00+	7.00+	7.00+	7.00+		7.00+	7.00+	7.00+	7.00+	7.00+
1	7.04+	7.04+	7.04+	7.04+	7.04+		7.04+	7.04+	7.04+	7.04+	7.04+
2	6.33+	6.33+	6.33+	6.33+	6.33+		6.33 BM	6.33-	6.33-	6.33-	6.33-
3	5.62 SG	5.64 SG	5.66 SG	5.64 S	5.71 SG		5.62 G	5.62 M	5.62 FS	5.63 FS	5.72 FS
4	5.60 SG	5.62 SG	5.62 SG	5.60 S	5.63 SG		5.65 G	5.59 S	5.59 SG	5.60 FS	5.63 CS
5	5.58 SG	5.62 SG	5.61 G	5.60 S	5.63 SG		5.59 G	5.56 S	5.58 SG	5.58 FS	5.55 CS
6	5.57 SG	5.59 SG	5.58 SG	5.56 S	5.61 S		5.59 G	5.55 S	5.56 CG	5.59 S	5.57 CG
7	5.56 SG	5.60 SG	5.58 CG	5.58 S	5.61 S		5.59 G	5.55 S	5.56 CG	5.57 S	5.71 CG
8	5.52 SG	5.55 S	5.56 G	5.61 S	5.61 S		5.59 G	5.54 S	5.53 SG	5.69 CG	5.69 CG
9	5.53 SG	5.55 S	5.56 G	5.61 S	5.67 S		5.57 G	5.54 S	5.56 SG	5.66 CG	5.52 G
10	5.52 FG	5.58 S	5.56 G	5.56 G	5.63 S		5.59 G	5.54 S	5.54 SG	5.66 CG	5.52 CG
11	5.52 SG	5.58 SG	5.54 G	5.56 S	5.61 S		5.55 S	5.54 S	5.53 SG	5.65 CG	5.58 CG
12	5.51 SG	5.52 CG	5.53 CG	5.53 CG	5.61 S		5.53 S	5.49 G	5.50 SG	5.62 CG	5.61 CG
13	5.47 S	5.49 S	5.49 G	5.53 S	5.60 S		5.49 SG	5.46 G	5.46 G	5.71 CG	5.64 CG
14	5.46 S	5.48 S	5.49 G	5.47 S	5.62 S		5.47 S	5.44 G	5.43 G	5.48 CG	5.69 CG
15	5.46 S	5.50 S	5.45 G	5.41 SG	5.50 S		5.41 S	5.41 G	5.41 G	5.41 G	5.85 CG
16	5.49 S	5.47 S	5.47 G	5.42 SG	5.50 S		5.42 S	5.46 S	5.46 SG	5.44 G	5.81 CG
17	5.49 S	5.51 CG	5.48 CG	5.48 CG	5.50 S		5.50 S	5.49 S	5.50 SG	5.49 G	5.65 CG
18	5.52 S	5.51 CG	5.51 SG	5.50 CG	5.50 S		5.49 FS	5.50 FS	5.55 SG	5.59 FS	5.55 SG
19	5.56 S	5.52 CG	5.54 SG	5.52 SG	5.52 S		5.52 FS	5.54 FS	5.53 FS	5.54 FS	5.52 SG
20	5.79 BM	5.73 BM	5.73 BM	5.80 BM	5.72 BM		5.79 BM	5.73 BM	5.73 BM	5.75 BM	5.71 BM
21	6.64+	6.64+	6.64+	6.64+	6.64+		6.64+	6.64+	6.64+	6.64+	6.64+
22	6.93+	6.93+	6.93+	6.93+	6.93+		6.93+	6.93+	6.93+	6.93+	6.93+
23	7.15+	7.15+	7.15+	7.15+	7.15+		7.15+	7.15+	7.15+	7.15+	7.15+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	2.4	2.3	2.5	2.3	2.1		2.0	2.1	2.2	2.3	2.2
RIGHT EDGE WATER BED ELEVATION	5.85	6.02	5.94	6.00	6.31		6.33	6.16	6.11	6.02	6.02
	20.0	20.0	20.3	20.0	20.2		20.0	20.1	20.1	20.1	20.0
	5.79	5.73	5.95	5.80	6.32		5.79	5.81	5.86	6.02	5.71

TABLE 15.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0708, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 1355	6-5 1141	6-7 1321	6-9 1520	6-10 1456	6-11 1539	6-12 1515	6-13 1342	6-14 1346	6-15 1515	6-16 1059
WATER SURFACE(1)											
LEFT BANK GAGE	6.03	6.06	6.13	6.62	6.88	7.10	7.21	7.13	7.03	6.84	6.48
RIGHT BANK GAGE	6.03	6.07	6.13	6.64	6.89	7.11	7.22	7.15	7.04	6.84	6.49
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.00+	7.00+	7.00+	7.00+	7.00+	7.00 BM	6.99 BM	6.99 BM	7.02 BM	7.02-	7.02-
1	7.04+	7.04+	7.04+	7.04+	7.04+	7.04 BM	7.00 BM	6.98 BM	7.02 BM	7.02-	7.02-
2	6.33-	6.33-	6.33-	6.40 BM	6.63 BM	6.78 BM	6.76 BM	6.51 BM	6.66 BM	6.40 BM	6.32 BM
3	5.65 FG	5.67 FG	5.70 S	5.60 S	5.64 CS	5.58 G	5.61 G	5.58 G	5.63 S	5.63 G	5.63 S
4	5.61 S	5.60 S	5.61 S	5.66 S	5.60 CS	5.60 G	5.61 G	5.60 G	5.62 S	5.62 G	5.60 S
5	5.54 G	5.56 S	5.58 S	5.67 CS	5.64 CS	5.60 G	5.61 G	5.60 G	5.64 G	5.61 G	5.56 S
6	5.63 G	5.72 S	5.73 S	5.74 S	5.64 CS	5.59 G	5.59 G	5.61 G	5.66 G	5.59 G	5.55 S
7	5.66 G	5.73 S	5.73 S	5.69 S	5.72 CS	5.58 G	5.61 G	5.58 G	5.65 G	5.58 G	5.55 S
8	5.65 G	5.69 S	5.77 S	5.68 S	5.74 S	5.57 G	5.60 G	5.57 G	5.63 G	5.60 G	5.55 S
9	5.67 S	5.66 S	5.74 S	5.62 S	5.70 S	5.59 G	5.57 G	5.60 G	5.63 G	5.58 G	5.52 S
10	5.70 S	5.65 S	5.54 S	5.63 S	5.68 S	5.59 G	5.56 G	5.59 G	5.59 G	5.59 S	5.53 S
11	5.68 S	5.68 S	5.50 S	5.56 S	5.59 S	5.53 G	5.52 G	5.54 G	5.53 G	5.53 S	5.53 S
12	5.71 S	5.63 S	5.53 S	5.57 S	5.53 G	5.53 G	5.52 G	5.53 G	5.53 G	5.53 S	5.50 S
13	5.67 S	5.68 S	5.63 S	5.50 S	5.49 G	5.49 G	5.44 G	5.50 G	5.50 G	5.50 S	5.46 S
14	5.75 S	5.72 S	5.60 S	5.59 S	5.47 S	5.43 G	5.42 G	5.43 G	5.44 G	5.43 FG	5.41 SG
15	5.75 S	5.75 CS	5.62 S	5.50 CS	5.42 G	5.42 S	5.42 S	5.41 G	5.43 G	5.42 S	5.43 SG
16	5.76 CS	5.73 CS	5.69 S	5.48 S	5.43 S	5.45 S	5.42 G	5.40 G	5.42 G	5.41 S	5.40 S
17	5.73 FG	5.73 FG	5.73 S	5.51 S	5.46 CS	5.51 S	5.47 S	5.47 S	5.46 CS	5.52 S	5.50 FG
18	5.55 FG	5.57 FG	5.56 CS	5.53 CS	5.51 CS	5.51 S	5.51 S	5.52 S	5.53 S	5.52 S	5.52 FG
19	5.50 HB	5.52 SG	5.53 SG	5.52 FG	5.52 CS	5.53 G	5.51 S	5.53 G	5.55 S	5.50 G	5.51 FG
20	5.73 BM	5.69 BM	5.65 BM	5.67 BM	5.62 BM	5.75 BM	5.68 BM	5.62 BM	5.75 BM	5.72 BM	5.99 BM
21	6.64+	6.64+	6.64+	6.64 BM	6.73 BM	6.73 BM	6.70 BM	6.75 BM	6.69 BM	6.76 BM	6.76-
22	6.93+	6.93+	6.93+	6.93+	6.93+	6.93 BM	6.92 BM	6.94 BM	6.94 BM	6.94-	6.94-
23	7.15+	7.15+	7.15+	7.15+	7.15+	7.15+	7.15 BM	7.15 BM	7.15-	7.15-	7.15-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	2.2 6.03	2.2 6.06	2.2 6.13	1.9 6.43	1.6 6.88	< 0.0	< 0.0	< 0.0	< 0.0	1.6 6.84	1.9 6.47
RIGHT EDGE WATER BED ELEVATION	20.1 5.84	20.1 5.86	20.0 5.65	21.0 6.64	21.9 6.89	22.7 7.11	23.2 7.23	23.0 7.15	22.4 7.05	21.7 6.84	20.3 6.49

TABLE 15.- STREAMBED ELEVATIONS AND BED MATERIAL. CROSS SECTION 0708, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1501	6-18 1512	6-19 1300	6-20 1335	6-21 1341	6-23 1338	6-25 1104	6-27 1121	6-29 1108	7- 1 1419	7- 3 1429
WATER SURFACE(1)											
LEFT BANK GAGE	6.52	6.84	6.76	7.03	6.93	6.81	6.65	6.60	6.19	6.57	6.46
RIGHT BANK GAGE	6.53	6.87	6.77	7.05	6.94	6.83	6.66	6.61	6.19	6.59	6.47
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.02-	7.02-	7.02-	6.99 BM	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-
1	7.02-	7.02-	7.02-	7.00 BM	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-
2	6.43 BM	6.41 BM	6.37 BM	6.69 BM	6.57 BM	6.35 BM	6.40 BM	6.42 BM	6.42-	6.27 BM	6.30 BM
3	5.64 G	5.66 S	5.61 G	5.61 G	5.59 FG	5.59 G	5.62 G	5.62 G	5.64 SG	5.62 SG	5.63 G
4	5.61 G	5.62 S	5.64 FG	5.62 G	5.61 FG	5.61 SG	5.63 CS	5.65 S	5.64 FG	5.65 S	5.59 G
5	5.59 S	5.64 S	5.66 S	5.63 G	5.62 FG	5.61 CS	5.61 S	5.64 S	5.61 SG	5.71 S	5.63 FG
6	5.59 G	5.67 S	5.66 S	5.62 G	5.62 HB	5.59 CS	5.60 FG	5.58 SG	5.58 S	5.71 S	5.61 FG
7	5.61 S	5.73 S	5.71 S	5.60 SG	5.60 S	5.62 S	5.59 G	5.58 S	5.57 SG	5.74 S	5.56 CS
8	5.58 G	5.66 S	5.64 S	5.64 S	5.56 G	5.56 G	5.59 G	5.58 S	5.61 S	5.75 S	5.56 S
9	5.55 G	5.64 S	5.58 G	5.64 S	5.57 G	5.57 SG	5.59 S	5.57 G	5.60 S	5.70 S	5.55 CG
10	5.58 G	5.60 G	5.57 G	5.65 S	5.57 SG	5.57 SG	5.58 G	5.57 G	5.61 S	5.53 CS	5.58 S
11	5.61 S	5.54 G	5.54 G	5.60 S	5.56 CS	5.54 S	5.58 S	5.54 S	5.49 S	5.56 S	5.58 S
12	5.60 S	5.55 G	5.49 G	5.56 S	5.57 S	5.53 CS	5.55 G	5.58 S	5.57 G	5.60 S	5.55 S
13	5.50 HB	5.51 G	5.48 S	5.53 S	5.56 CS	5.45 CG	5.49 S	5.58 S	5.47 G	5.55 S	5.55 S
14	5.48 S	5.44 G	5.45 S	5.46 S	5.42 FG	5.50 FS	5.44 G	5.50 S	5.47 G	5.53 S	5.46 S
15	5.42 G	5.39 G	5.47 S	5.46 S	5.41 CS	5.42 S	5.44 S	5.48 S	5.48 S	5.43 S	5.46 S
16	5.41 G	5.40 G	5.42 S	5.42 S	5.43 S	5.44 S	5.42 S	5.41 G	5.39 SG	5.47 S	5.44 SG
17	5.48 G	5.47 G	5.49 S	5.47 S	5.47 S	5.49 SG	5.50 S	5.50 S	5.47 SG	5.46 SG	5.45 SG
18	5.51 G	5.50 G	5.50 S	5.53 SG	5.51 CS	5.51 FG	5.51 SG	5.50 SG	5.49 S	5.50 SG	5.51 CS
19	5.53 HB	5.50 G	5.50 SG	5.52 G	5.52 FG	5.51 FG	5.51 S	5.50 SG	5.50 SG	5.50 G	5.51 SG
20	6.01 BM	5.84 BM	5.71 BM	5.69 BM	5.82 BM	5.77 BM	5.99 BM	5.68 BM	5.69 BM	5.69 BM	5.68 BM
21	6.76-	6.76 BM	6.62 BM	6.87 BM	6.75 BM	6.76 BM	6.76-	6.76-	6.76-	6.76-	6.76-
22	6.94-	6.94-	6.94-	6.95 BM	6.94 BM	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-
23	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	1.9 6.43	1.6 6.84	1.8 6.76	< 0.0	1.4 6.92	1.6 6.81	1.7 6.50	1.7 6.50	2.1 6.00	1.7 6.52	1.9 6.45
RIGHT EDGE WATER BED ELEVATION	20.3 6.53	21.8 6.87	21.2 6.77	22.4 7.05	22.0 6.94	21.3 6.83	20.9 6.66	20.9 6.61	20.0 5.69	20.8 6.59	20.7 6.47

TABLE 15.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0708, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1101	7- 7 1329	7- 9 1138	7-12 1353	7-16 1547	7-20 1337	7-23 1615	7-26 1138	7-29 1619	9-15 1755	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.26	6.07	5.99	5.86	5.79	5.80	5.81	5.78	5.76	5.71	
RIGHT BANK GAGE	6.27	6.07	5.99	5.86	5.79	5.80	5.80	5.77	5.76	5.71	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99
1	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	6.98
2	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.27
3	5.59 G	5.58 SG	5.61 G	5.59 SG	5.58 SG	5.59 SG	5.61 SG	5.60 FG	5.59 G	5.60 FG	5.58
4	5.56 G	5.57 S	5.57 SG	5.56 G	5.57 SG	5.57 SG	5.60 SG	5.58 FG	5.56 G	5.56 FG	4.55
5	5.57 FG	5.57 S	5.58 SG	5.57 SG	5.58 SG	5.58 SG	5.61 FG	5.58 FG	5.58 G	5.59 FG	4.68
6	5.56 G	5.56 G	5.57 SG	5.56 SG	5.56 SG	5.58 SG	5.59 FG	5.58 SG	5.57 G	5.57 FG	4.67
7	5.53 G	5.53 G	5.52 SG	5.53 SG	5.52 SG	5.53 SG	5.56 G	5.55 SG	5.53 G	5.52 FG	4.76
8	5.49 G	5.52 SG	5.50 S	5.53 SG	5.52 SG	5.53 SG	5.51 SG	5.55 SG	5.52 G	5.51 FG	4.80
9	5.52 G	5.54 SG	5.51 S	5.54 SG	5.53 SG	5.53 SG	5.53 SG	5.56 SG	5.53 G	5.52 SG	5.33
10	5.50 FG	5.54 FG	5.53 S	5.54 SG	5.53 SG	5.51 SG	5.52 SG	5.56 SG	5.53 SG	5.52 SG	5.50
11	5.47 FG	5.53 SG	5.49 S	5.53 FG	5.52 SG	5.53 SG	5.51 SG	5.54 SG	5.53 SG	5.51 SG	5.40
12	5.46 FG	5.48 FG	5.48 G	5.48 G	5.49 SG	5.48 SG	5.49 SG	5.49 SG	5.51 SG	5.49 SG	5.42
13	5.51 CS	5.47 SG	5.47 S	5.46 G	5.42 SG	5.46 G	5.46 SG	5.48 SG	5.47 CG	5.48 SG	5.39
14	5.46 G	5.47 SG	5.44 S	5.46 G	5.43 G	5.43 G	5.42 SG	5.44 SG	5.44 SG	5.42 SG	5.37
15	5.46 S	5.48 FS	5.44 S	5.43 FG	5.42 SG	5.41 S	5.40 SG	5.40 SG	5.43 S	5.41 SG	5.35
16	5.44 FS	5.45 FS	5.43 S	5.44 SG	5.43 SG	5.44 SG	5.40 SG	5.41 SG	5.43 SG	5.41 SG	5.35
17	5.46 SG	5.46 SG	5.46 SG	5.46 SG	5.47 SG	5.47 SG	5.48 SG	5.47 FS	5.46 SG	5.44 SG	5.41
18	5.50 SG	5.53 SG	5.51 CS	5.53 FG	5.53 S	5.50 S	5.50 CS	5.49 FG	5.51 FG	5.50 S	5.32
19	5.52 SG	5.49 FG	5.52 SG	5.49 CS	5.49 S	5.49 S	5.50 CS	5.49 CS	5.49 FS	5.51 S	5.33
20	5.69 FG	5.69 BM	5.74 BM	5.81 BM	5.81-	5.78 BM	5.80 BM	5.77 BM	5.76 BM	5.76-	5.62
21	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.62
22	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.92
23	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-	7.15
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.1	2.3	2.8	2.7	2.6	2.5	2.6	2.7	2.6	2.8	
BED ELEVATION	6.26	6.07	5.68	5.86	5.79	5.80	5.81	5.78	5.76	5.71	
RIGHT EDGE WATER	20.2	20.1	20.0	20.0	19.9	20.0	20.0	20.0	20.0	19.9	
BED ELEVATION	5.87	6.05	5.74	5.81	5.79	5.78	5.80	5.77	5.76	5.71	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 16.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0757, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1348	5-14 1515	5-16 1250	5-19 1323	5-21 1332	5-22 1312	5-26 1039	5-27 1409	5-28 1402	5-30 1248	6-1 1230
WATER SURFACE(1)											
LEFT BANK GAGE	6.09	6.04	5.96*	6.03	6.35	6.75	6.40	6.19	6.15	6.08*	6.06
RIGHT BANK GAGE	6.08	6.03	5.96	6.02	6.36	6.77	6.41	6.19	6.14	6.07	6.07
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.08+	7.08+	7.08+	7.08+	7.08+		7.08+	7.08+	7.08+	7.08+	7.08+
1	6.44+	6.44+	6.44+	6.44+	6.44+		6.44+	6.44+	6.44+	6.44+	6.44+
2	5.51 BM	5.94 BM	5.94 BM	6.01 BM	5.92 BM		5.89 BM	5.71 BM	5.63 M	5.69 BM	5.86 S
3	5.27 SG	5.30 M	5.32 M	5.33 M	5.35 M		5.47 S	5.57 S	5.64 M	5.67 S	5.68 S
4	5.43 S	5.45 FS	5.44 FS	5.44 S	5.42 S		5.41 S	5.59 S	5.66 M	5.77 S	5.69 S
5	5.44 S	5.42 S	5.48 FS	5.40 S	5.35 S		5.36 S	5.77 S	5.70 S	5.67 S	5.71 S
6	5.51 S	5.49 S	5.54 S	5.41 S	5.30 S		5.46 S	5.76 S	5.74 FS	5.66 S	5.78 S
7	5.54 S	5.49 S	5.61 S	5.51 S	5.40 S		5.48 S	5.70 S	5.70 S	5.60 S	5.68 S
8	5.56 S	5.57 S	5.59 CS	5.53 S	5.50 S		5.59 S	5.79 S	5.76 S	5.72 S	5.76 S
9	5.61 S	5.61 S	5.62 CS	5.61 S	5.51 CS		5.67 S	5.65 S	5.69 S	5.71 S	5.66 S
10	5.54 S	5.57 SG	5.56 CS	5.56 SG	5.52 CS		5.56 S	5.67 S	5.64 S	5.67 S	5.72 S
11	5.51 SG	5.52 FG	5.53 SG	5.53 SG	5.49 FG		5.60 S	5.62 S	5.68 S	5.68 S	5.70 S
12	5.49 SG	5.50 FG	5.54 SG	5.51 SG	5.55 S		5.70 S	5.69 S	5.66 FG	5.67 S	5.66 SG
13	5.51 G	5.53 G	5.54 SG	5.53 G	5.54 FG		5.66 S	5.68 S	5.63 FG	5.67 S	5.64 SG
14	5.52 G	5.55 G	5.54 CG	5.54 G	5.57 G		5.60 CS	5.61 SG	5.56 FG	5.63 SG	5.61 SG
15	5.54 SG	5.55 G	5.56 CG	5.55 G	5.59 G		5.61 CS	5.62 G	5.60 FG	5.63 SG	5.64 G
16	5.60 SG	5.63 CG	5.58 CG	5.60 G	5.65 G		5.66 G	5.64 G	5.64 G	5.67 SG	5.67 G
17	5.76 SG	5.78 CG	5.76 CG	5.79 G	5.81 G		5.81 G	5.81 G	5.79 CG	5.83 CG	5.82 G
18	5.88 SG	5.90 CG	5.89 CG	5.90 G	5.93 SG		5.92 G	5.91 G	5.90 CG	5.90 CG	5.90 G
19	5.95 SG	5.97 CG	5.96 CG	5.97 BM	5.98 G		5.99 G	5.96 G	5.99 CG	5.94 CG	5.97 BM
20	6.18+	6.18+	6.18+	6.18+	6.18 BM		6.01 M	6.05 BM	6.04 BM	6.03 BM	6.03 BM
21	6.66+	6.66+	6.66+	6.66+	6.66+		6.66+	6.66+	6.66+	6.66+	6.66+
22	6.74+	6.74+	6.74+	6.74+	6.74+		6.74+	6.74+	6.74+	6.74+	6.74+
23	6.72+	6.72+	6.72+	6.72+	6.72+		6.72+	6.72+	6.72+	6.72+	6.72+
24	6.62+	6.62+	6.62+	6.62+	6.62+		6.62+	6.62+	6.62+	6.62+	6.62+
25	6.67+	6.67+	6.67+	6.67+	6.67+		6.67+	6.67+	6.67+	6.67+	6.67+
26	6.77+	6.77+	6.77+	6.77+	6.77+		6.77+	6.77+	6.77+	6.77+	6.77+
27	6.77+	6.77+	6.77+	6.77+	6.77+		6.77+	6.77+	6.77+	6.77+	6.77+
28	6.85+	6.85+	6.85+	6.85+	6.85+		6.85+	6.85+	6.85+	6.85+	6.85+
29	6.80+	6.80+	6.80+	6.80+	6.80+		6.80+	6.80+	6.80+	6.80+	6.80+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.1	1.3	1.3	1.2	1.2		1.1	1.2	1.2	1.2	1.1
BED ELEVATION	5.79	5.90	5.89	6.02	6.02		6.30	6.03	6.00	6.07	6.06
RIGHT EDGE WATER	19.6	19.4	19.0	19.3	20.1		20.2	20.0	20.1	20.2	20.2
BED ELEVATION	6.08	6.03	5.96	6.02	6.21		6.10	6.05	6.10	6.07	6.07

TABLE 16.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0757, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1350	6- 5 1131	6- 7 1237	6- 9 1520	6-10 1505	6-11 1507	6-12 1510	6-13 1320	6-14 1311	6-15 1453	6-16 1035
WATER SURFACE(1)											
LEFT BANK GAGE	6.08	6.10	6.18	6.65	6.91	7.13	7.24	7.16	7.07	6.87	6.51
RIGHT BANK GAGE	6.07	6.10	6.17	6.66	6.92	7.13	7.26	7.16	7.08	6.88	6.52
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.08+	7.08+	7.08+	7.08+	7.08+	7.08	7.06	7.05	7.05-	7.05-	7.05-
1	6.44+	6.44+	6.44+	6.44	6.47	6.53	6.52	6.53	6.53	6.52	6.51
2	6.89 BM	6.92 BM	6.90 BM	6.74 BM	6.78 BM	6.83 BM	6.82 BM	6.89 BM	6.87 BM	6.89 BM	6.89 BM
3	5.66 S	5.62 S	5.62 S	5.63 S	5.65 S	5.63 S	5.66 S	5.67 S	5.67 S	5.67 S	5.67 S
4	5.62 S	5.59 S	5.62 S	5.47 S	5.54 S	5.58 S	5.50 S	5.56 S	5.55 S	5.58 S	5.53 S
5	5.61 S	5.57 S	5.53 S	5.35 S	5.40 S	5.43 S	5.34 S	5.44 S	5.34 S	5.39 S	5.28 S
6	5.69 S	5.60 S	5.48 S	5.32 S	5.35 S	5.31 S	5.26 S	5.37 S	5.27 S	5.27 S	5.24 S
7	5.75 S	5.70 S	5.48 S	5.32 S	5.35 S	5.31 S	5.26 S	5.37 S	5.27 S	5.27 S	5.24 S
8	5.64 S	5.63 S	5.45 S	5.35 S	5.35 S	5.31 S	5.32 S	5.29 S	5.29 S	5.29 S	5.29 S
9	5.60 S	5.63 S	5.45 S	5.35 S	5.35 S	5.31 S	5.32 S	5.29 S	5.29 S	5.29 S	5.29 S
10	5.65 S	5.62 S	5.40 S	5.32 S	5.30 S	5.31 S	5.38 S	5.37 S	5.41 S	5.36 S	5.46 S
11	5.62 S	5.60 S	5.43 S	5.32 S	5.30 S	5.31 S	5.38 S	5.37 S	5.41 S	5.36 S	5.46 S
12	5.60 S	5.58 S	5.43 S	5.32 S	5.30 S	5.31 S	5.38 S	5.37 S	5.41 S	5.36 S	5.46 S
13	5.61 S	5.61 S	5.43 S	5.32 S	5.30 S	5.31 S	5.38 S	5.37 S	5.41 S	5.36 S	5.46 S
14	5.61 S	5.62 S	5.43 S	5.32 S	5.30 S	5.31 S	5.38 S	5.37 S	5.41 S	5.36 S	5.46 S
15	5.62 S	5.63 S	5.64 S	5.58 S	5.56 S	5.57 S	5.53 S	5.55 S	5.58 S	5.57 S	5.55 S
16	5.66 S	5.65 S	5.68 S	5.61 S	5.61 S	5.63 S	5.60 S	5.61 S	5.61 S	5.63 S	5.64 S
17	5.80 S	5.82 S	5.82 S	5.79 S	5.83 S	5.77 S	5.73 S	5.73 S	5.73 S	5.73 S	5.73 S
18	5.90 S	5.91 S	5.91 S	5.88 S	5.88 S	5.84 S	5.83 S	5.82 S	5.83 S	5.87 S	5.91 S
19	6.00 S	5.99 S	5.96 S	5.87 S	5.86 S	6.09 S	5.77 S	5.80 S	5.77 S	5.97 S	5.97 S
20	6.03 BM	6.04 M	6.02 M	6.05 BM	5.98 G	6.09 BM	6.60 BM	6.51 BM	6.48 BM	6.02 FG	6.01 G
21	6.66+	6.66+	6.66+	6.66+	6.66 BM	6.70 BM	6.75 BM	6.71 BM	6.71 BM	6.70 BM	6.70-
22	6.74+	6.74+	6.74+	6.74+	6.74 BM	6.68 BM	6.73 BM	6.68 BM	6.72 BM	6.72 BM	6.75-
23	6.72+	6.72+	6.72+	6.72+	6.72 BM	6.69 BM	6.72 BM	6.70 BM	6.73 BM	6.72 BM	6.72-
24	6.62+	6.62+	6.62+	6.62+	6.62 BM	6.63 BM	6.72 BM	6.63 BM	6.70 BM	6.65 BM	6.65-
25	6.67+	6.67+	6.67+	6.67+	6.67 BM	6.67 BM	6.69 BM	6.67 BM	6.70 BM	6.67 BM	6.67-
26	6.77+	6.77+	6.77+	6.77+	6.77 BM	6.74 BM	6.71 BM	6.73 BM	6.75 BM	6.76 BM	6.76-
27	6.77+	6.77+	6.77+	6.77+	6.77 BM	6.75 BM	6.77 BM	6.79 BM	6.77 BM	6.79 BM	6.79-
28	6.85+	6.85+	6.85+	6.85+	6.85 BM	6.86 BM	6.83 BM	6.88 BM	6.80 BM	6.87 BM	6.87-
29	6.80+	6.80+	6.80+	6.80+	6.80 BM	6.82 BM	6.77 BM	6.81 BM	6.80 BM	6.81 BM	6.81-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.2	1.2	1.2	1.0	0.6	< 0.0	< 0.0	< 0.0	0.1	0.5	1.0
BED ELEVATION	6.07	6.01	6.05	6.44	6.87	>29.0	>29.0	>29.0	7.07	6.87	6.51
RIGHT EDGE WATER	20.2	20.1	20.2	20.8	>29.0	>29.0	>29.0	>29.0	>29.0	29.6	20.2
BED ELEVATION	6.07	6.10	6.11	6.66						6.88	6.51

TABLE 16.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0757, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1445	6-18 1451	6-19 1245	6-20 1313	6-21 1322	6-23 1320	6-25 1121	6-27 1135	6-29 1115	7- 1 1412	7- 3 1422
WATER SURFACE(1)											
LEFT BANK GAGE	6.56	6.90	6.80	7.06	6.96	6.85	6.68	6.63	6.20	6.62	6.48
RIGHT BANK GAGE	6.57	6.89	6.81	7.07	6.96	6.86	6.70	6.65	6.23	6.63	6.49*
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-
1	6.45 BM	6.47 BM	6.41 BM	6.44 BM	6.46 BM	6.48 BM	6.48-	6.50 BM	6.50-	6.39 BM	6.40 BM
2	5.94 S	5.99 M	5.89 S	5.80 FS	5.93 FS	5.79 M	5.86 FS	5.88 FS	5.80 BM	5.70 BM	5.88 FS
3	5.55 G	5.51 M	5.52 S	5.53 FS	5.54 FS	5.53 M	5.57 FS	5.62 FS	5.52 S	5.52 FS	5.56 FS
4	5.44 S	5.45 S	5.50 S	5.53 FS	5.51 FS	5.53 M	5.51 FS	5.52 FS	5.50 S	5.58 S	5.60 FS
5	5.45 S	5.49 S	5.46 S	5.44 S	5.40 FS	5.32 S	5.27 FS	5.24 FS	5.58 S	5.58 S	5.56 FS
6	5.58 S	5.45 S	5.38 S	5.28 S	5.28 CG	5.30 FS	5.23 FS	5.21 FS	5.53 S	5.50 S	5.27 FS
7	5.64 S	5.48 S	5.33 S	5.23 S	5.24 S	5.21 FS	5.26 S	5.25 FS	5.69 S	5.40 S	5.09 FS
8	5.67 S	5.55 S	5.31 S	5.17 S	5.25 S	5.21 FS	5.40 S	5.36 S	5.77 S	5.42 S	5.05 S
9	5.64 S	5.61 S	5.41 S	5.36 S	5.46 S	5.39 S	5.42 S	5.43 S	5.73 S	5.45 S	5.18 S
10	5.70 S	5.51 S	5.39 S	5.38 SG	5.47 S	5.52 S	5.54 S	5.53 S	5.72 S	5.36 CS	5.27 CG
11	5.84 S	5.66 S	5.52 S	5.53 S	5.61 CG	5.54 S	5.55 S	5.56 S	5.64 S	5.44 S	5.45 CG
12	5.72 S	5.62 S	5.56 G	5.56 G	5.58 CG	5.57 G	5.57 S	5.56 G	5.68 S	5.52 CG	5.51 CG
13	5.73 S	5.57 S	5.54 G	5.56 SG	5.57 CG	5.62 S	5.66 CG	5.61 FG	5.61 FG	5.52 CG	5.51 CG
14	5.67 S	5.56 G	5.58 G	5.56 G	5.56 CG	5.57 FG	5.58 SG	5.56 G	5.56 G	5.53 G	5.56 CG
15	5.64 S	5.57 G	5.60 G	5.55 G	5.57 CG	5.59 G	5.57 G	5.57 G	5.60 SG	5.55 G	5.55 CG
16	5.66 G	5.67 G	5.63 G	5.63 G	5.64 CG	5.66 G	5.64 G	5.65 G	5.62 CG	5.62 CG	5.66 CG
17	5.78 G	5.77 G	5.67 G	5.74 G	5.80 CG	5.80 G	5.77 G	5.79 CG	5.80 G	5.79 G	5.77 CG
18	5.85 G	5.87 G	5.89 G	5.82 G	5.85 CG	5.90 CG	5.87 G	5.88 CG	5.91 G	5.91 G	5.90 CG
19	5.91 BM	6.04 BM	5.98 G	6.02 BM	6.03 BM	5.89 BM	6.10 BM	5.89 BM	5.94 G	5.98 G	5.95 CG
20	6.00 BM	5.99 BM	6.00 BM	5.97 BM	5.97 BM	6.01 BM	6.02 BM	6.12 BM	6.01 BM	5.96 BM	5.97 BM
21	6.70-	6.69 BM	6.73 BM	6.69 BM	6.69 BM	6.72 BM	6.72-	6.72-	6.72-	6.72-	6.72-
22	6.75-	6.70 BM	6.76 BM	6.68 BM	6.71 BM	6.77 BM	6.77-	6.77-	6.77-	6.77-	6.77-
23	6.72-	6.70 BM	6.73 BM	6.72 BM	6.72 BM	6.74 BM	6.74-	6.74-	6.74-	6.74-	6.74-
24	6.65-	6.64 BM	6.63 BM	6.66 BM	6.64 BM	6.65 BM	6.65-	6.65-	6.65-	6.65-	6.65-
25	6.67-	6.67 BM	6.68 BM	6.68 BM	6.68 BM	6.65 BM	6.65-	6.65-	6.65-	6.65-	6.65-
26	6.76-	6.71 BM	6.76 BM	6.75 BM	6.74 BM	6.75 BM	6.75-	6.75-	6.75-	6.75-	6.75-
27	6.79-	6.78 BM	6.80 BM	6.79 BM	6.78 BM	6.81 BM	6.81-	6.81-	6.81-	6.81-	6.81-
28	6.87-	6.87 BM	6.87-	6.89 BM	6.88 BM	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-
29	6.81-	6.79 BM	6.79-	6.82 BM	6.82 BM	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.9	0.4	0.9	0.3	0.4	0.6	1.2	1.0	1.1	0.9	0.9
BED ELEVATION	6.56	6.83	6.48	7.06	6.96	6.85	6.43	6.50	6.01	6.50	6.48
RIGHT EDGE WATER	20.5	29.7	27.5	>29.0	>29.0	27.6	20.8	20.6	20.1	20.9	20.2
BED ELEVATION	6.04	6.89	6.81			6.86	6.10	6.65	6.09	6.63	6.48

TABLE 16.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0757, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1109	7- 7 1215	7- 9 1148	7-12 1347	7-16 1523	7-20 1533	7-23 1610	7-26 1133	7-29 1558	9-15 1730	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.27	6.09	6.00	5.88	5.81	5.83	5.83	5.80	5.78	5.73	
RIGHT BANK GAGE	6.28*	6.08*	6.00*	5.88*	5.81*	5.83*	5.83*	5.80*	5.78*	5.73*	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05
1	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.23
2	6.97 BM	6.85 FS	6.40 BM	6.77-	6.40-	6.79 FS	6.83 BM	6.83-	6.78 BM	6.78-	6.51
3	6.96 FS	6.59 FS	6.59 S	6.58 FS	6.58 FS	6.46 S	6.91 FS	6.37 S	6.30 S	6.31 S	6.10
4	6.65 FS	6.46 FS	6.46 S	6.45 FS	6.40 S	6.39 S	6.35 FS	6.37 S	6.36 S	6.25 S	6.17
5	5.44 FS	5.45 FS	5.47 S	5.42 S	5.38 S	5.31 SG	5.23 S	5.29 S	5.30 S	5.36 S	5.11
6	5.16 SG	5.47 FS	5.42 S	5.38 S	5.31 SG	5.31 SG	5.21 SG	5.27 S	5.26 S	5.42 S	5.11
7	5.11 SG	5.56 FS	5.50 S	5.43 S	5.45 S	5.44 SG	5.38 SG	5.41 SG	5.40 SG	5.31 SG	4.94
8	5.12 S	5.62 CG	5.55 S	5.57 FS	5.56 SG	5.56 SG	5.51 SG	5.54 SG	5.53 SG	5.52 SG	4.92
9	5.26 S	5.57 FG	5.59 FG	5.59 SG	5.60 SG	5.60 SG	5.60 SG	5.59 SG	5.61 SG	5.61 S	5.03
10	5.40 S	5.55 FG	5.57 FG	5.57 SG	5.58 SG	5.60 SG	5.56 SG	5.59 SG	5.57 SG	5.56 CG	5.26
11	5.44 FG	5.54 FG	5.54 FG	5.56 FG	5.58 FG	5.57 FG	5.54 FG	5.57 FG	5.56 FG	5.55 CG	5.39
12	5.50 CG	5.52 CG	5.53 CG	5.53 FG	5.53 FG	5.53 CG	5.53 CG	5.54 CG	5.53 CG	5.52 CG	5.49
13	5.51 CG	5.52 CG	5.52 CG	5.53 CG	5.53 CG	5.53 CG	5.53 CG	5.54 CG	5.53 CG	5.52 CG	5.49
14	5.55 CG	5.54 CG	5.52 CG	5.53 CG	5.56 CG	5.56 CG	5.53 CG	5.56 CG	5.55 CG	5.52 CG	5.40
15	5.55 CG	5.56 CG	5.53 CG	5.56 CG	5.59 CG	5.59 CG	5.54 CG	5.56 CG	5.55 CG	5.47 CG	5.47
16	5.63 CG	5.65 CG	5.62 CG	5.66 CG	5.67 CG	5.67 CG	5.64 CG	5.64 CG	5.67 CG	5.59 CG	5.51
17	5.79 CG	5.80 CG	5.79 CG	5.79 CG	5.81 CG	5.81 CG	5.80 CG	5.79 CG	5.77 CG	5.72 CG	5.67
18	5.88 CG	5.90 CG	5.89 CG	5.89 CG	5.89 CG	5.89 CG	5.89 CG	5.89 CG	5.89 CG	5.89 CG	5.82
19	5.94 CG	5.95 CG	5.93 CG	5.93 CG	5.93 CG	5.93 CG	5.93 CG	5.93 CG	5.93 CG	5.93 CG	5.77
20	5.99 BM	5.96 FS	5.95 BM	5.95-	5.95-	5.95-	5.95-	5.95-	5.95-	5.95-	5.95
21	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.66
22	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.68
23	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.69
24	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.62
25	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65
26	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.71
27	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.75
28	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.80
29	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.77
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.1	1.2	1.3	2.1	2.1	1.8	2.0	2.1	2.0	2.3	
BED ELEVATION	6.27	6.06	6.00	5.88	5.81	5.83	5.83	5.80	5.78	5.73	
RIGHT EDGE WATER	20.2	20.2	20.1	17.9	17.2	17.3	17.2	17.1	17.1	17.1	
BED ELEVATION	6.07	6.08	6.00	5.88	5.81	5.83	5.83	5.80	5.78	5.73	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 17.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0808, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1348	5-14 1510	5-16 1247	5-19 1315	5-21 1330	5-22 1314	5-26 1012	5-27 1357	5-28 1356	5-30 1246	6- 1 1228
WATER SURFACE(1)											
LEFT BANK GAGE	6.13	6.08	6.02	6.08	6.36	7.03	6.43	6.22	6.19	6.11	6.10
RIGHT BANK GAGE	6.16	6.12	6.07	6.12	6.37	****	6.42	6.26	6.22	6.14	6.12
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.13+	7.13+	7.13+	7.13+	7.13+		7.13+	7.13+	7.13+	7.13+	7.13+
1	7.12+	7.12+	7.12+	7.12+	7.12+		7.12+	7.12+	7.12+	7.12+	7.12+
2	6.97+	6.97+	6.97+	6.97+	6.97+		6.97+	6.97+	6.97+	6.97+	6.97+
3	6.98+	6.98+	6.98+	6.98+	6.98+		6.98+	6.98+	6.98+	6.98+	6.98+
4	6.93+	6.93+	6.93+	6.93+	6.93+		6.93+	6.93+	6.93+	6.93+	6.93+
5	6.08 S	6.08-	6.08-	6.08-	6.17 BM		6.30 S	6.30-	6.30-	6.30-	6.30-
6	5.95 CG	5.95-	5.95-	5.95-	6.13 S		6.25 S	6.25-	6.25-	6.25-	6.25-
7	6.26+	6.26+	6.26+	6.26+	6.26 S		6.34 S	6.34-	6.34-	6.34-	6.34-
8	6.57+	6.57+	6.57+	6.57+	6.57+		6.57+	6.57+	6.57+	6.57+	6.57+
9	6.93+	6.93+	6.93+	6.93+	6.93+		6.93+	6.93+	6.93+	6.93+	6.93+
10	6.95+	6.95+	6.95+	6.95+	6.95+		6.95+	6.95+	6.95+	6.95+	6.95+
11	6.92+	6.92+	6.92+	6.92+	6.92+		6.92+	6.92+	6.92+	6.92+	6.92+
12	6.63+	6.63+	6.63+	6.63+	6.63+		6.63+	6.63+	6.63+	6.63+	6.63+
13	5.88 BM	5.91 BM	5.83 SG	5.90 G	5.93 S		6.08 S	5.91 S	5.94 S	5.93 S	5.95 G
14	5.63 CG	5.65 S	5.57 S	5.63 S	5.65 S		5.81 S	5.82 S	5.79 S	5.82 CS	5.68 FS
15	5.67 CS	5.65 S	5.57 S	5.66 S	5.62 S		5.69 S	5.84 S	5.89 S	5.75 CS	5.67 S
16	5.66 CS	5.65 CS	5.61 CG	5.63 SG	5.62 G		5.84 S	5.85 S	5.80 S	5.74 CS	5.74 SG
17	5.63 CG	5.64 G	5.60 CG	5.65 G	5.62 G		5.78 S	5.76 S	5.77 S	5.75 CS	5.63 SG
18	5.68 CG	5.69 G	5.64 CG	5.69 CG	5.63 G		5.82 S	5.83 S	5.77 S	5.78 CS	5.69 CG
19	5.70 CG	5.70 G	5.68 CG	5.69 CG	5.67 G		5.73 S	5.74 S	5.71 SG	5.72 CG	5.71 CG
20	5.74 CG	5.74 CG	5.72 CG	5.74 CG	5.74 G		5.81 S	5.74 CG	5.71 G	5.74 CG	5.73 CG
21	5.77 CG	5.75 CG	5.75 CG	5.77 CG	5.74 G		5.72 G	5.76 CG	5.75 G	5.76 CG	5.75 CG
22	5.83 CG	5.83 CG	5.79 CG	5.80 CG	5.75 G		5.74 G	5.80 CG	5.80 CG	5.80 CG	5.81 CG
23	5.90 CG	5.87 CG	5.81 CG	5.83 CG	5.79 G		5.77 G	5.86 CG	5.87 CG	5.87 CG	5.87 CG
24	5.90 CG	5.89 CG	5.90 CG	5.88 CG	5.91 G		5.88 G	5.90 CG	5.86 CG	5.88 CG	5.86 CG
25	5.93 CG	5.92 CG	5.94 CG	5.92 CG	5.93 G		5.92 G	5.93 CG	5.90 CG	5.92 CG	5.92 CG
26	5.99 CG	5.97 CG	6.01 CG	5.95 CG	5.97 CG		5.99 G	5.95 CG	5.94 CG	5.95 CG	5.97 CG
27	6.01 CG	6.02 CG	6.04 CG	6.01 CG	5.99 CG		6.02 G	6.02 CG	5.99 CG	6.01 CG	6.02 CG
28	6.06 CG	6.08 CG	6.06 CG	6.07 CG	6.06 CG		6.04 G	6.05 CG	6.03 CG	6.04 CG	6.03 CG
29	6.08+	6.08	6.06 CG	6.10	6.11		6.07 G	6.09 CG	6.07 CG	6.08 CG	6.09 G
30	6.57+	6.57+	6.57+	6.57+	6.57+		6.57+	6.57+	6.57+	6.57+	6.57+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	5.0	12.6	12.7	12.7	4.7		4.5	12.3	12.5	12.5	12.7
BED ELEVATION	6.08	6.08	6.02	6.08	6.36		6.43	6.22	6.18	6.11	6.09
RIGHT EDGE WATER	28.9	29.0	29.1	29.0	29.3		29.4	29.0	29.0	29.0	29.0
BED ELEVATION	6.07	6.08	6.07	6.10	6.37		6.42	6.09	6.07	6.08	6.09
LEFT EDGE BAR	6.9				7.9		7.6				
BED ELEVATION	5.81				6.36		6.43				
RIGHT EDGE BAR	12.5				12.2		10.0				
BED ELEVATION	6.13				6.36		6.43				

TABLE 17.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0808, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1340	6- 5 1126	6- 7 1228	6- 9 1455	6-10 1440	6-11 1510	6-12 1616	6-13 1414	6-14 1517	6-15 1437	6-16 1013
WATER SURFACE(1)											
LEFT BANK GAGE	6.10	6.12	6.20	6.68	6.93	7.14	7.24	7.16	7.07	6.89	6.54
RIGHT BANK GAGE	6.13	6.15	6.21	6.67	6.92	7.14	7.28	7.18	7.09	6.89	6.55
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.13+	7.13+	7.13+	7.13+	7.13+	7.13+	7.13 BM	7.14 BM	7.14-	7.14-	7.14-
1	7.12+	7.12+	7.12+	7.12+	7.12+	7.12 BM	7.05 BM	7.08 BM	7.08-	7.08-	7.08-
2	6.97+	6.97+	6.97+	6.97+	6.97+	6.97 BM	6.93 BM	6.94 BM	6.96 BM	6.96-	6.96-
3	6.98+	6.98+	6.98+	6.98+	6.98+	6.98 BM	6.93 BM	6.98 BM	6.97 BM	6.97-	6.97-
4	6.93+	6.93+	6.93+	6.93+	6.93 BM	6.93 BM	6.88 BM	6.86 BM	6.90 BM	6.90-	6.90-
5	6.30-	6.30-	6.30-	6.27 S	6.24 S	6.23 S	6.17 S	6.21 S	6.25 S	6.20 S	6.27 S
6	6.25-	6.25-	6.25-	6.18 S	6.15 S	6.14 S	6.11 S	6.12 S	6.14 S	6.10 S	6.17 S
7	6.34-	6.34-	6.34-	6.36 FS	6.12 S	6.06 S	5.95 S	6.04 S	6.11 S	6.11 S	6.28 S
8	6.57+	6.57+	6.57+	6.57 FS	6.62 S	6.24 CS	6.23 S	6.18 S	6.38 S	6.64 S	6.64-
9	6.93+	6.93+	6.93+	6.93+	6.93 BM	6.80 BM	6.80-	6.90 BM	6.92 BM	6.89 BM	6.89-
10	6.95+	6.95+	6.95+	6.95+	6.95+	6.95 BM	6.95-	6.97 BM	6.97 BM	6.97-	6.97-
11	6.92+	6.92+	6.92+	6.92+	6.92 BM	6.91 BM	6.91-	6.91 BM	6.91 BM	6.91-	6.91-
12	6.63+	6.63+	6.63+	6.63 S	6.78 BM	6.58 BM	6.58-	6.46 BM	6.42 BM	6.81 BM	6.54 BM
13	5.92 G	5.89 G	5.90 G	5.90 G	5.92 S	5.95 S	5.93 BM	5.88 S	5.85 SG	5.83 FG	5.91 M
14	5.70 S	5.67 S	5.62 S	5.61 FG	5.63 S	5.65 S	5.74 S	5.75 S	5.74 S	5.71 S	5.78 S
15	5.71 S	5.67 S	5.69 S	5.60 S	5.66 S	5.62 S	5.73 S	5.82 S	5.84 S	5.83 S	5.86 S
16	5.71 S	5.64 SG	5.68 CG	5.64 S	5.63 S	5.69 CS	5.70 S	5.69 S	5.83 S	5.90 S	5.93 S
17	5.64 SG	5.64 G	5.63 G	5.62 G	5.62 G	5.62 S	5.69 S	5.86 S	5.78 S	5.98 S	5.93 S
18	5.68 G	5.67 G	5.68 G	5.64 G	5.65 G	5.64 G	5.78 S	5.66 CS	5.78 S	5.89 S	5.93 S
19	5.71 G	5.71 G	5.71 CG	5.71 G	5.71 G	5.71 G	5.74 G	5.82 S	6.02 S	5.96 S	5.86 S
20	5.73 G	5.73 CG	5.71 CG	5.77 G	5.74 G	5.73 G	5.75 G	5.74 SG	5.84 S	5.86 S	5.77 CS
21	5.76 G	5.77 CG	5.76 CG	5.73 G	5.71 G	5.71 G	5.74 G	5.69 G	5.74 FG	5.72 FG	5.76 S
22	5.81 CG	5.79 CG	5.80 CG	5.77 G	5.71 G	5.71 G	5.78 G	5.72 G	5.76 G	5.74 G	5.76 CG
23	5.85 CG	5.85 CG	5.88 CG	5.81 G	5.79 G	5.79 G	5.86 G	5.78 G	5.80 G	5.84 G	5.82 CG
24	5.86 CG	5.86 CG	5.88 CG	5.88 G	5.85 G	5.88 G	5.89 G	5.91 G	5.89 G	5.90 G	5.90 CG
25	5.91 CG	5.89 CG	5.91 CG	5.91 G	5.90 G	5.93 G	5.97 G	5.93 G	5.95 G	5.96 G	5.95 CG
26	5.94 CG	5.95 CG	5.94 CG	5.97 G	5.96 G	5.98 G	5.99 G	5.99 G	5.98 G	5.97 G	5.98 CG
27	6.01 CG	5.99 CG	6.01 CG	6.00 G	5.97 G	5.95 G	6.03 G	6.03 G	6.04 G	6.03 G	6.05 CG
28	6.05 CG	6.02 CG	6.02 CG	6.04 G	6.01 G	6.03 G	6.06 G	6.04 G	6.06 G	6.12 G	6.11 CG
29	6.09 CG	6.10 CG	6.08 CG	6.24 BM	6.25 BM	6.06 HB	6.14 BM	6.08 G	6.20 BM	6.27 BM	6.23 BM
30	6.57+	6.57+	6.57+	6.57 BM	6.59 BM	6.61 M	6.63 BM	6.63 BM	6.63 BM	6.59 BM	6.59-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	12.5	12.6	12.4	4.3	4.0	0.4	< 0.0	0.0	1.3	4.2	4.4
BED ELEVATION	6.10	6.10	6.20	6.59	6.93	7.15		7.14	7.06	6.89	6.54
RIGHT EDGE WATER	29.0	29.0	29.2	>30.0	>30.0	>30.0	>30.0	>30.0	>30.0	>30.0	29.8
BED ELEVATION	6.09	6.10	6.18								6.55
LEFT EDGE BAR				8.7	9.0					9.0	7.9
BED ELEVATION				6.61	6.93					6.89	6.54
RIGHT EDGE BAR				11.9	10.9					11.5	12.0
BED ELEVATION				6.65	6.93					6.89	6.54

TABLE 17.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0808, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1427	6-18 1437	6-19 1330	6-20 1248	6-21 1303	6-23 1300	6-25 1144	6-27 1155	6-29 1130	7- 1 1402	7- 3 1420
WATER SURFACE(1)											
LEFT BANK GAGE	6.58	6.90	6.82	7.06	6.98	6.86	6.71	6.66	6.24	6.65	6.51
RIGHT BANK GAGE	6.58	6.89	6.81	7.07	6.97	6.86	6.72*	6.65	6.28	6.65	6.51
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-
1	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-
2	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-
3	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-
4	6.90-	6.90-	6.90-	6.97 BM	6.97 BM	6.97 BM	6.97-	6.97-	6.97-	6.97-	6.97-
5	6.27 FS	6.30 S	6.31 FS	6.24 S	6.26 S	6.20 S	6.23 S	6.16 S	6.19 BM	6.16 S	6.09 S
6	6.16	6.16	6.11	6.11	6.19	6.14	6.09	6.08	6.09	6.03	5.98
7	6.42	6.14	6.05	6.00	6.05	6.13	6.18	6.06	6.19	6.04	6.11
8	6.54	6.59	6.54	6.54	6.46	6.70	6.61	6.49	6.49	6.43	6.38
9	6.89-	6.89 BM	6.89-	6.99 BM	6.88 S	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-
10	6.97-	6.97-	6.97-	6.99 BM	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-
11	6.97-	6.97-	6.97-	6.96 BM	6.93 BM	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-
12	6.56 BM	6.39 BM	6.60 BM	6.65 BM	6.59 BM	6.59 BM	6.61 BM	6.57 BM	6.57-	6.61	6.53 BM
13	5.96	5.88	5.86	5.85	5.89	5.87	5.82	5.88	5.85	5.83	5.83
14	5.82	5.69	5.70	5.65	5.89	5.72	5.75	5.72	5.74	5.63	5.63
15	5.81	5.74	5.68	5.76	5.86	5.72	5.74	5.78	5.84	5.64	5.61
16	5.84	5.76	5.87	5.86	5.97	5.88	5.81	5.85	5.78	5.66	5.63
17	5.83	5.81	5.87	5.98	5.89	5.86	5.92	5.78	5.77	5.68	5.62
18	5.85	5.85	5.85	5.85	5.87	5.86	5.90	5.85	5.67	5.68	5.66
19	5.80	5.87	5.75	5.92	5.84	5.89	5.84	5.74	5.72	5.71	5.70
20	5.72	5.74	5.72	5.81	5.76	5.78	5.73	5.70	5.73	5.73	5.72
21	5.74	5.80	5.73	5.71	5.72	5.74	5.69	5.69	5.74	5.79	5.78
22	5.77	5.78	5.75	5.75	5.74	5.73	5.73	5.74	5.78	5.77	5.78
23	5.84	5.80	5.81	5.80	5.80	5.80	5.79	5.78	5.83	5.83	5.83
24	5.90	5.87	5.88	5.87	5.87	5.86	5.88	5.86	5.87	5.88	5.85
25	5.94	5.90	5.91	5.89	5.94	5.89	5.91	5.93	5.92	5.91	5.91
26	5.96	5.96	5.95	5.97	5.97	5.96	5.94	5.95	5.95	5.95	5.96
27	6.02	6.02	6.07	6.07	6.06	6.06	6.05	6.04	6.03	6.04	6.02
28	6.10	6.11	6.10	6.11	6.10	6.07	6.10	6.10	6.07	6.06	6.01
29	6.25	6.26	6.30	6.25	6.27	6.28	6.27	6.26	6.23	6.23	6.24
30	6.59-	6.57 BM	6.59 BM	6.60 G	6.57 BM	6.59 BM	6.60 BM	6.58 BM	6.58-	6.60 BM	6.60-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	4.2	4.1	4.3	1.4	3.8	4.2	4.3	4.2	4.9	4.2	4.4
BED ELEVATION	6.58	6.91	6.56	7.06	6.98	6.56	6.57	6.58	6.22	6.61	6.51
RIGHT EDGE WATER	29.8	>30.0	>30.0	>30.0	>30.0	>30.0	>30.0	>30.0	29.1	>30.0	29.6
BED ELEVATION	6.58								6.28		6.51
LEFT EDGE BAR	8.1	9.1	8.9		9.1	8.8	8.6	8.6	7.3	8.5	8.1
BED ELEVATION	6.58	6.90	6.79		6.98	6.86	6.71	6.66	6.23	6.64	6.51
RIGHT EDGE BAR	11.9	11.4	11.8		10.5	11.5	11.8	11.8	12.2	12.0	12.0
BED ELEVATION	6.58	6.90	6.82		6.98	6.86	6.67	6.63	6.24	6.61	6.51

TABLE 17.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0808, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5	7- 7	7- 9	7-12	7-16	7-20	7-23	7-26	7-29	9-15	5-13
WATER SURFACE(1)	1118	1209	1154	1342	1515	1327	1405	1127	1550	1722	
LEFT BANK GAGE	6.31	6.13	6.06	5.95	5.90	5.92	5.91	5.89	5.87	5.83	
RIGHT BANK GAGE	6.33	6.17	6.10	5.99*	5.94*	5.96*	5.95*	5.93*	5.91*	5.87	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.13
1	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.05
2	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	6.93
3	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.93
4	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-	6.97-	6.86
5	6.09 S	6.09-	6.09-	6.09-	6.09-	6.09-	6.09-	6.09-	6.09-	6.09-	5.68
6	5.91 S	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91-	5.91
7	6.12 FS	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	5.95
8	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.18
9	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.80
10	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.95
11	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.91
12	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.39
13	5.81 SG	5.86 SG	5.86 SG	5.85 S	5.87 SG	5.90 G	5.88 FG	5.89 G	5.85 G	5.83 CS	5.81
14	5.68 S	5.63 FS	5.65 SG	5.63 G	5.62 CG	5.62 G	5.61 CG	5.60 G	5.63 CG	5.62 CS	5.57
15	5.71 S	5.61 CS	5.59 G	5.57 G	5.58 G	5.58 G	5.57 G	5.58 G	5.57 CG	5.56 CS	5.53
16	5.72 S	5.62 SG	5.65 CG	5.63 G	5.63 G	5.63 G	5.62 G	5.61 G	5.66 G	5.64 CS	5.56
17	5.73 CS	5.67 CG	5.67 G	5.66 G	5.67 G	5.66 G	5.64 G	5.66 G	5.66 G	5.67 CS	5.60
18	5.69 CG	5.71 CG	5.69 CG	5.71 G	5.70 G	5.71 G	5.70 G	5.70 G	5.72 G	5.70 CS	5.63
19	5.72 CG	5.71 CG	5.74 CG	5.73 G	5.73 G	5.73 G	5.72 G	5.74 G	5.73 G	5.74 CG	5.67
20	5.73 CG	5.73 CG	5.74 CG	5.75 G	5.76 G	5.75 G	5.74 G	5.75 G	5.76 G	5.75 CG	5.70
21	5.79 CG	5.79 CG	5.78 CG	5.78 G	5.80 G	5.81 CG	5.80 CG	5.79 CG	5.80 G	5.76 CG	5.69
22	5.81 CG	5.81 CG	5.80 CG	5.82 CG	5.85 G	5.84 CG	5.82 CG	5.81 CG	5.85 G	5.81 CG	5.71
23	5.84 CG	5.86 CG	5.86 CG	5.87 CG	5.90 CG	5.92 CG	5.87 CG	5.90 CG	5.88 G	5.85 CG	5.77
24	5.87 CG	5.87 CG	5.88 CG	5.87 CG	5.89 CG	5.88 CG	5.86 CG	5.87 CG	5.87 CG	5.85 CG	5.85
25	5.91 CG	5.93 CG	5.92 CG	5.94 CG	5.92 CG	5.93 CG	5.92 CG	5.91 CG	5.89 CG	5.86 CG	5.86
26	5.94 CG	5.97 CG	5.97 CG	5.97	5.97-	5.97-	5.97-	5.97-	5.97-	5.97-	5.94
27	6.04 CG	6.02 CG	6.05 CG	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	6.05-	5.95
28	5.98 CG	6.05 CG	6.02 CG	6.02-	6.02-	6.02-	6.02-	6.02-	6.02-	6.02-	5.98
29	6.21 CG	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.06
30	6.60-	6.60-	6.60-	6.60-	6.60-	6.60-	6.60-	6.60-	6.60-	6.60-	6.57
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	4.9	12.5	12.7	12.9	12.9	12.9	12.9	13.0	12.9	13.0	
BED ELEVATION	6.26	6.06	6.06	5.95	5.89	5.92	5.91	5.89	5.87	5.83	
RIGHT EDGE WATER	29.2	28.7	28.5	26.6	25.4	25.4	25.4	25.4	25.2	25.0	
BED ELEVATION	6.33	6.17	6.09	5.98	5.93	5.95	5.94	5.92	5.90	5.86	
LEFT EDGE BAR	7.4										
BED ELEVATION	6.29										
RIGHT EDGE BAR	12.3										
BED ELEVATION	6.30										

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 18.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0853, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1335	5-14 1500	5-16 1240	5-19 1308	5-21 1326	5-22 1316	5-26 1024	5-27 1349	5-28 1350	5-30 1239	6- 1 1225
WATER SURFACE(1)											
LEFT BANK GAGE	6.23	6.18	6.13	6.17	6.44	6.80	6.53	6.35	6.29	6.20	6.16
RIGHT BANK GAGE	6.26	6.23	6.16*	6.22	6.47	6.85	6.54*	6.36	6.32	6.23*	6.20*
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.15+	7.15+	7.15+	7.15+	7.15+		7.15+	7.15+	7.15+	7.15+	7.15+
1	6.44+	6.44+	6.44+	6.44+	6.44+		6.53 BM	6.35 BM	6.29 BM	6.29-	6.29-
2	5.99 FS	6.02 BM	6.04 BM	6.01 BM	6.04 BM		6.11 BM	6.05 FS	5.95 FS	5.95 BM	5.98 BM
3	5.67 G	5.71 G	5.75 CG	5.76 CG	5.80 S		6.06 FS	5.89 S	5.79 S	5.66 G	5.66 G
4	5.67 G	5.68 G	5.70 G	5.66 CG	5.69 S		6.08 FS	5.95 S	5.92 S	5.68 G	5.68 G
5	5.64 G	5.67 G	5.68 SG	5.68 CG	5.73 S		6.13 S	5.96 S	5.95 S	5.68 CG	5.67 S
6	5.70 G	5.69 SG	5.73 SG	5.73 CG	5.75 S		6.13 S	6.00 S	6.00 S	5.80 CG	5.72 S
7	5.86 G	5.87 SG	5.86 G	5.86 CG	5.83 S		6.26 S	6.06 CG	6.06 CG	5.90 CG	5.88 CG
8	5.98 SG	5.98 SG	5.97 SG	5.99 SG	5.97 S		6.19 S	6.11 CG	6.07 CG	6.05 CG	6.09 SG
9	6.03 SG	6.05 SG	6.04 SG	6.03 SG	6.07 SG		6.24 S	6.09 CG	6.08 S	6.06 G	6.09 SG
10	6.16 SG	6.19 SG	6.19-	6.17 S	6.10 SG		6.21 CG	6.20 G	6.20 G	6.20 G	6.20-
11	6.15 SG	6.18 SG	6.18-	6.16 S	6.15 SG		6.17 SG	6.17 G	6.18 G	6.19 CG	6.19-
12	6.08 G	6.16 SG	6.12 CG	6.13 CG	6.14 SG		6.13 CG	6.07 G	6.10 CG	6.08 CG	6.12 CG
13	6.01 G	6.08 G	6.05 CG	6.03 CG	6.04 SG		6.04 CG	6.03 CG	6.02 CG	6.03 CG	6.03 CG
14	5.95 G	5.96 G	5.95 CG	5.96 CG	5.97 SG		5.95 G	5.95 CG	5.95 CG	5.93 G	5.95 G
15	5.93 G	5.93 G	5.92 CG	5.90 CG	5.90 SG		5.93 G	5.89 CG	5.90 CG	5.89 CG	5.88 G
16	5.89 G	5.90 CG	5.88 CG	5.89 CG	5.86 SG		5.87 G	5.86 CG	5.89 CG	5.86 CG	5.88 CG
17	5.88 G	5.90 CG	5.88 CG	5.89 CG	5.88 SG		5.84 G	5.88 CG	5.86 CG	5.89 CG	5.87 CG
18	5.89 G	5.91 CG	5.90 CG	5.89 CG	5.90 SG		5.90 G	5.88 CG	5.89 CG	5.92 CG	5.91 CG
19	5.93 G	5.95 G	5.94 CG	5.93 CG	5.94 G		5.93 G	5.90 CG	5.90 CG	5.93 CG	5.93 CG
20	6.04 G	6.00 G	5.98 CG	6.04 CG	5.99 G		5.98 G	6.01 CG	6.01 CG	6.02 CG	6.01 CG
21	6.13 G	6.17 G	6.15 CG	6.15 CG	6.07 G		6.07 G	6.15 CG	6.11 CG	6.10 CG	6.14 CG
22	6.26 G	6.26-	6.26-	6.26-	6.26 G		6.21 G	6.22 CG	6.23 CG	6.23-	6.23-
23	6.32+	6.32+	6.32+	6.32+	6.32 G		6.25 G	6.31 CG	6.28 CG	6.28-	6.28-
24	6.42+	6.42+	6.42+	6.42+	6.42 G		6.35 CG	6.31 CG	6.31-	6.31-	6.31-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.1	1.3	1.5	1.3	1.0		1.0	1.0	1.0	1.2	1.2
BED ELEVATION	6.23	6.18	6.13	6.17	6.44		6.53	6.35	6.29	6.19	6.16
RIGHT EDGE WATER	22.0	21.3	21.0	21.4	24.6		>24.0	>24.0	23.4	21.6	21.4
BED ELEVATION	6.26	6.22	6.15	6.22	6.47				6.31	6.22	6.19
LEFT EDGE BAR			9.6								9.6
BED ELEVATION			6.14								6.17
RIGHT EDGE BAR			11.6								11.2
BED ELEVATION			6.14								6.18

TABLE 18.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0853, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1333	6- 5 1120	6- 7 1219	6- 9 1500	6-10 1448	6-11 1435	6-12 1547	6-13 1340	6-14 1445	6-15 1440	6-16 948
WATER SURFACE(1)											
LEFT BANK GAGE	6.17	6.20	6.27	6.72	6.96	7.17	7.27	7.21	7.12	6.96	6.65
RIGHT BANK GAGE	6.21*	6.23*	6.30	6.74	7.00	7.22	7.33	7.25*	7.17	6.99	6.68
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.15+	7.15+	7.15+	7.15+	7.15+	7.15	7.16	7.16	7.16	7.16	7.16
1	6.29-	6.29-	6.26	6.34	6.34	6.33	6.31	6.39	6.34	6.39	6.28
2	5.96 BM	5.96 BM	5.96 BM	5.97 M	5.96 S	6.00 BM	6.31 S	6.40 FS	6.36 S	6.31 S	6.23 S
3	5.65 SG	5.61 G	5.59 SG	5.70 S	5.71 S	6.16 S	6.28 S	6.42 FS	6.26 S	6.29 S	6.22 S
4	5.68 SG	5.65 G	5.64 SG	5.71 S	5.86 S	6.29 S	6.46 S	6.47 FS	6.35 S	6.28 S	6.27 S
5	5.69 S	5.68 G	5.68 SG	5.77 S	6.08 S	6.30 S	6.45 S	6.46 FS	6.44 S	6.35 S	6.33 S
6	5.74 FG	5.71 G	5.72 SG	5.83 S	6.21 S	6.32 FS	6.47 S	6.56 FS	6.41 S	6.36 S	6.32 S
7	5.90 G	5.87 SG	5.90 G	5.91 S	6.23 S	6.27 CS	6.56 S	6.54 FS	6.41 S	6.37 S	6.30 S
8	6.10 S	6.06 SG	6.09 FS	5.94 S	6.15 S	6.33 CS	6.53 S	6.47 CS	6.42 S	6.34 S	6.29 S
9	6.10 S	6.07 SG	6.08 FS	6.01 SG	6.10 FG	6.23 CS	6.47 S	6.49 S	6.40 S	6.32 S	6.28 SG
10	6.20-	6.20 G	6.21 G	6.09 SG	6.12 SG	6.08 CS	6.35 S	6.34 CS	6.28 S	6.26 S	6.22 S
11	6.18 G	6.19 G	6.20 G	6.18 SG	6.18 FG	6.17 G	6.22 FG	6.26 CS	6.30 S	6.29 S	6.25 S
12	6.11 G	6.11 G	6.08 G	6.11 G	6.15 FG	6.14 G	6.12 G	6.16 FG	6.19 S	6.17 S	6.15 G
13	6.02 G	6.02 G	6.01 G	6.02 SG	6.02 FG	6.03 G	6.00 G	6.02 FG	6.03 FG	6.08 FG	6.04 G
14	5.93 G	5.93 CG	5.92 G	5.93 SG	5.98 G	5.97 G	5.97 G	5.95 G	5.94 G	5.97 FG	5.95 G
15	5.89 G	5.87 CG	5.88 G	5.92 G	5.92 G	5.91 G	5.92 G	5.92 G	5.93 G	5.94 G	5.95 G
16	5.88 G	5.86 CG	5.88 G	5.84 G	5.87 G	5.86 G	5.86 G	5.87 G	5.95 G	5.88 G	5.87 G
17	5.88 G	5.89 CG	5.89 CG	5.87 G	5.89 G	5.89 G	5.89 G	5.88 CG	5.86 G	5.88 G	5.89 G
18	5.91 G	5.90 CG	5.89 CG	5.91 G	5.90 G	5.92 G	5.90 G	5.91 G	5.93 G	5.94 G	5.90 G
19	5.92 G	5.92 CG	5.91 CG	5.94 G	5.95 CG	5.95 G	5.94 G	5.92 G	5.94 G	5.97 G	5.95 G
20	6.00 CG	6.01 CG	5.90 CG	6.00 G	6.01 CG	6.01 G	6.02 G	6.02 G	5.98 G	6.01 G	6.02 G
21	6.13 CG	6.14 CG	6.21 CG	6.05 G	6.11 S	6.11 G	6.13 G	6.06 G	6.11 G	6.15 SG	6.07 CG
22	6.23-	6.21 CG	6.24 G	6.23 G	6.24 G	6.22 G	6.28 G	6.24 G	6.25 G	6.27 G	6.30 CG
23	6.28-	6.28-	6.29 CG	6.29 G	6.30 G	6.30 G	6.33 G	6.29 G	6.32 G	6.29 G	6.38 CG
24	6.31-	6.31-	6.31-	6.31 G	6.28 FG	6.26 G	6.32 G	6.29 G	6.21 G	6.26 G	6.20 CG
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.2	1.1	1.0	0.7	0.4	< 0.0	< 0.0	< 0.0	0.3	0.3	0.8
BED ELEVATION	6.17	6.19	6.26	6.48	6.90				7.12	6.96	6.65
RIGHT EDGE WATER	21.4	22.2	23.0	>24.0	>24.0	>24.0	>24.0	>24.0	>24.0	>24.0	>24.0
BED ELEVATION	6.20	6.22	6.29								
LEFT EDGE BAR	9.5										
BED ELEVATION	6.18										
RIGHT EDGE BAR	10.9										
BED ELEVATION	6.19										

TABLE 18.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0853, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1408	6-18 1403	6-19 1313	6-20 1345	6-21 1402	6-23 1238	6-25 1201	6-27 1050	6-29 1148	7- 1 1453	7- 3 1409
WATER SURFACE(1)											
LEFT BANK GAGE	6.66	6.94	6.87	7.13	7.02	6.91	6.78	6.71	6.34	6.69	6.57
RIGHT BANK GAGE	6.67*	6.95	6.91	7.18	7.07	6.95	6.81	6.72	6.35	6.71	6.59
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-
1	6.32 S	6.54 BM	6.35 BM	6.22 S	6.52 BM	6.30 BM	6.56 BM	6.26 BM	6.22 BM	6.26 BM	6.25 BM
2	6.06 S	6.06 S	6.18 S	6.21 S	6.25 S	6.21 S	6.11 S	6.01 S	5.96 S	5.94 S	5.87 S
3	6.02 S	6.02 S	6.24 S	6.26 S	6.22 S	6.20 S	6.07 S	5.94 S	5.74 S	5.63 S	5.96 S
4	6.08 S	6.15 S	6.21 S	6.35 S	6.22 S	6.18 S	6.15 S	6.01 S	5.69 S	5.71 S	5.98 S
5	6.18 S	6.17 S	6.26 S	6.25 S	6.28 S	6.23 S	6.12 S	6.17 S	5.80 S	5.76 S	6.02 S
6	6.20 S	6.24 S	6.35 S	6.35 S	6.33 S	6.36 S	6.14 S	6.16 S	5.79 S	5.71 S	5.99 S
7	6.17 S	6.23 S	6.41 S	6.35 S	6.39 S	6.32 S	6.16 CS	6.13 S	5.90 S	5.87 S	5.99 S
8	6.20 S	6.22 S	6.34 S	6.36 S	6.33 S	6.29 S	6.19 S	6.10 S	6.02 S	5.98 S	5.96 S
9	6.23 S	6.28 S	6.29 CS	6.20 CS	6.29 S	6.22 S	6.16 CS	6.14 FG	6.14 FG	6.09 FG	6.06 FG
10	6.24 S	6.18 SG	6.28 FG	6.15 FG	6.16 SG	6.21 G	6.20 G	6.20 G	6.16 G	6.17 FG	6.20 G
11	6.20 CS	6.16 S	6.23 G	6.17 FG	6.23 FG	6.20 G	6.20 G	6.21 G	6.19 G	6.19 G	6.18 G
12	6.13 G	6.10 G	6.16 G	6.11 G	6.15 G	6.14 FG	6.16 G	6.12 G	6.12 G	6.11 G	6.10 G
13	5.99 G	5.97 G	6.04 G	6.00 G	6.05 G	5.99 G	6.01 G	6.01 G	6.02 G	6.02 G	6.03 G
14	5.94 G	5.93 G	5.97 G	5.94 G	6.01 G	5.95 G	5.96 G	5.94 G	5.95 G	5.94 G	5.95 G
15	5.90 G	5.87 G	5.91 G	5.91 G	5.93 G	5.88 G	5.92 G	5.88 G	5.92 G	5.90 G	5.89 G
16	5.84 G	5.83 G	5.86 SG	5.86 CG	5.86 G	5.85 FG	5.88 G	5.84 G	5.85 G	5.83 G	5.84 G
17	5.87 G	5.84 G	5.89 G	5.89 G	5.86 G	5.88 CG	5.88 G	5.87 G	5.86 G	5.87 G	5.88 G
18	5.90 G	5.92 G	5.92 G	5.89 G	5.92 G	5.92 G	5.90 G	5.89 G	5.92 G	5.88 G	5.89 G
19	5.95 G	5.94 G	5.95 CG	5.98 CG	5.96 G	5.97 CG	5.96 G	5.92 G	5.94 G	5.90 G	5.93 CG
20	6.01 G	5.98 G	6.03 CG	6.01 CG	6.04 G	6.03 CG	6.02 G	6.02 G	6.00 G	5.98 CG	6.01 CG
21	6.11 G	6.06 G	6.13 CG	6.10 CG	6.13 SG	6.16 CG	6.13 G	6.10 G	6.12 G	6.09 SG	6.12 CG
22	6.20 G	6.22 G	6.24 CG	6.25 CG	6.24 G	6.24 CG	6.23 CG	6.23 G	6.25 G	6.23 CG	6.19 CG
23	6.26 G	6.39 G	6.31 CG	6.29 CG	6.29 G	6.27 CG	6.28 CG	5.95 G	6.25 G	6.26 CG	6.28 CG
24	6.22 G	6.22 G	6.28 CG	6.26 CG	6.26 G	6.25 CG	6.23 CG	6.22 G	6.24 G	6.21 CG	6.24 CG
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.8	0.4	0.4	0.2	0.4	0.3	0.5	0.5	0.8	0.5	0.7
BED ELEVATION	6.66	6.83	6.86	7.12	7.01	6.90	6.78	6.71	6.34	6.69	6.57
RIGHT EDGE WATER	>24.0	>24.0	>24.0	>24.0	>24.0	>24.0	>24.0	>24.0	>24.0	>24.0	>24.0
BED ELEVATION	6.22										

TABLE 18.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0853, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1123	7- 7 1158	7- 9 1159	7-12 1332	7-16 1510	7-20 1522	7-23 1600	7-26 1121	7-29 1544	9-15 1700	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.40	6.22	6.16	6.06	6.01	6.03	6.03	6.01	5.99	5.96	
RIGHT BANK GAGE	6.41	6.25	6.18*	6.08*	6.03*	6.05*	6.05*	6.03*	6.01*	5.98*	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.15
1	6.22 FS	6.20 FS	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20
2	5.85 S	5.91 S	5.94 BM	5.94 BM	5.79 G	5.74 BM	5.75 G	5.78 G	5.77 G	5.76 SG	5.56
3	5.82 S	5.62 G	5.61 G	5.61 G	5.61 CG	5.62 G	5.63 G	5.62 G	5.60 G	5.63 SG	5.56
4	5.80 S	5.67 SG	5.66 G	5.66 G	5.67 CG	5.67 G	5.64 G	5.62 G	5.67 CG	5.64 G	5.50
5	5.91 CS	5.69 G	5.69 G	5.68 G	5.68 CG	5.70 G	5.70 G	5.69 G	5.70 CG	5.69 G	5.55
6	5.92 CS	5.72 G	5.73 G	5.73 FG	5.74 CG	5.73 G	5.72 G	5.71 G	5.74 CG	5.74 G	5.66
7	5.98 FG	5.97 FG	5.93 FG	5.93 FG	5.94 FG	5.92 FG	5.91 G	5.91 FG	5.94 FG	5.96 FG	5.83
8	6.00 FG	6.00 SG	5.99 SG	5.99 SG	6.00 SG	6.00 SG	6.00 SG	6.00 FG	6.00-	6.00-	5.49
9	6.02 FG	6.04 SG	6.03 G	6.03 SG	6.02 G	6.03 G	6.02 SG	6.00 FG	6.00-	6.00-	5.94
10	6.21 G	6.21 G	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.07
11	6.19 G	6.20 G	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.07
12	6.11 G	6.10 CG	6.08 CG	6.06 BM	6.06-	6.06-	6.06-	6.06-	6.06-	6.06-	6.04
13	6.01 G	6.01 CG	6.03 CG	5.99 G	5.99 G	5.99 G	5.98 G	5.99 G	5.98 G	5.96 G	5.96
14	5.97 G	5.93 CG	5.94 CG	5.92 G	5.90 G	5.90 G	5.90 G	5.91 G	5.88 G	5.88 G	5.88
15	5.91 G	5.90 CG	5.89 CG	5.87 G	5.86 G	5.85 G	5.85 G	5.84 G	5.86 G	5.85 G	5.84
16	5.88 G	5.84 CG	5.86 G	5.94 G	5.89 CG	5.83 G	5.82 G	5.82 G	5.80 G	5.80 CG	5.80
17	5.91 G	5.91 CG	5.88 CG	5.88 G	5.87 CG	5.86 G	5.86 M	5.86 M	5.87 M	5.85 CG	5.84
18	5.91 CG	5.92 CG	5.90 CG	5.88 CG	5.87 G	5.87 G	5.87 G	5.86 G	5.88 CG	5.87 CG	5.86
19	5.92 CG	5.93 CG	5.91 CG	5.91 CG	5.89 CG	5.89 CG	5.89 CG	5.89 G	5.89 CG	5.88 CG	5.88
20	6.01 CG	6.03 CG	5.99 CG	6.00 CG	5.98 CG	5.97 CG	6.00 CG	5.98 CG	5.98 CG	5.96 CG	5.90
21	6.11 CG	6.15 CG	6.15 CG	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-	6.05
22	6.21 CG	6.23 CG	6.23-	6.23-	6.23-	6.23-	6.23-	6.23-	6.23-	6.23-	6.19
23	6.28 CG	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	5.95
24	6.21 CG	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.20
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.8	0.9	1.1	1.4	1.5	1.4	1.4	1.5	1.6	1.7	
BED ELEVATION	6.40	6.22	6.15	6.06	6.01	6.03	6.03	6.01	5.99	5.96	
RIGHT EDGE WATER	>24.0	22.1	21.3	20.7	20.5	20.6	20.6	20.5	20.4	20.2	
BED ELEVATION	6.21	6.25	6.17	6.07	6.02	6.04	6.04	6.02	6.00	5.97	
LEFT EDGE BAR			9.6	9.4	9.0	9.0	9.2	9.1	7.3	7.0	
BED ELEVATION			6.16	6.06	6.02	6.03	6.03	6.01	6.00	5.96	
RIGHT EDGE BAR			11.2	12.0	12.6	12.4	12.5	12.5	12.6	12.8	
BED ELEVATION			6.16	6.06	6.02	6.04	6.04	6.02	6.00	5.97	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 19.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0898, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1326	5-14 1455	5-16 1236	5-19 1305	5-21 1313	5-22 1318	5-26 953	5-27 1340	5-28 1359	5-30 1233	6- 1 1220
WATER SURFACE(1)											
LEFT BANK GAGE	6.32	6.28	6.23	6.28	6.50	6.84	6.61	6.42	6.38	6.27	6.26
RIGHT BANK GAGE	6.33	6.29	6.23	6.29	6.53	6.88	6.63	6.44	6.39	6.28	6.27
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.18+	7.18+	7.18+	7.18+	7.18+		7.18+	7.18+	7.18+	7.18+	7.18+
1	7.14+	7.14+	7.14+	7.14+	7.14+		7.14+	7.14+	7.14+	7.14+	7.14+
2	7.07+	7.07+	7.07+	7.07+	7.07+		7.07+	7.07+	7.07+	7.07+	7.07+
3	6.97+	6.97+	6.97+	6.97+	6.97+		6.97+	6.97+	6.97+	6.97+	6.97+
4	6.80+	6.80+	6.80+	6.80+	6.80+		6.80+	6.80+	6.80+	6.80+	6.80+
5	6.89+	6.89+	6.89+	6.89+	6.89+		6.89+	6.89+	6.89+	6.89+	6.89+
6	6.82+	6.82+	6.82+	6.82+	6.82+		6.82+	6.82+	6.82+	6.82+	6.82+
7	6.83+	6.83+	6.83+	6.83+	6.83+		6.83+	6.83+	6.83+	6.83+	6.83+
8	6.79+	6.79+	6.79+	6.79+	6.79+		6.79+	6.79+	6.79+	6.79+	6.79+
9	6.69+	6.69+	6.69+	6.69+	6.69+		6.69+	6.69+	6.69+	6.69+	6.69+
10	6.50+	6.50+	6.50+	6.50+	6.50		6.47	6.47-	6.47-	6.47-	6.47-
11	6.10 BM	6.01 M	6.01 FS	6.00 S	6.00 FS		6.01 BM	6.02 FS	6.06 FS	6.07 FS	6.07 M
12	5.98 SG	5.96 SG	5.96 SG	5.96 SG	5.96 SG		5.94 SG	6.00 CG	5.95 SG	5.97 SG	5.98 SG
13	5.86 SG	5.89 SG	5.88 SG	5.87 SG	5.90 SG		5.89 SG	5.91 CG	5.91 SG	5.89 SG	5.89 SG
14	5.83 G	5.85 SG	5.85 SG	5.86 SG	5.83 G		5.84 G	5.85 CG	5.82 CG	5.85 SG	5.86 SG
15	5.79 G	5.82 S	5.81 SG	5.82 S	5.82 G		5.83 S	5.85 CG	5.80 CG	5.83 CG	5.83 S
16	5.76 SG	5.79 SG	5.77 SG	5.76 SG	5.79 SG		5.80 SG	5.82 CG	5.76 SG	5.82 CG	5.84 SG
17	5.73 SG	5.77 SG	5.75 SG	5.74 SG	5.73 SG		5.78 SG	5.81 SG	5.76 SG	5.79 SG	5.76 SG
18	5.76 SG	5.78 SG	5.77 SG	5.79 SG	5.77 SG		5.81 SG	5.78 SG	5.79 SG	5.79 SG	5.76 SG
19	5.81 SG	5.83 CG	5.81 SG	5.79 SG	5.81 G		5.83 S	5.83 S	5.80 SG	5.83 CG	5.80 G
20	5.80 SG	5.81 CG	5.81 CG	5.78 G	5.78 G		5.82 SG	5.83 SG	5.84 G	5.86 CG	5.82 G
21	5.80 SG	5.83 CG	5.83 CG	5.81 CG	5.80 SG		5.85 SG	5.85 SG	5.84 CG	5.86 FG	5.85 CG
22	5.81 G	5.83 CG	5.81 CG	5.81 CG	5.82 HB		5.82 SG	5.83 CG	5.80 CG	5.82 CG	5.83 CG
23	5.84 G	5.85 CG	5.85 CG	5.86 CG	5.86 HB		5.83 SG	5.86 CG	5.83 CG	5.85 CG	5.86 CG
24	6.00 SG	6.03 CG	6.03 G	6.00 G	6.02 SG		5.99 G	5.99 CG	5.99 CG	5.98 CG	5.99 G
25	6.08 SG	6.11 CG	6.15 G	6.23 G	6.26 SG		6.23 G	6.14 CG	6.20 CG	6.19 CG	6.11 G
26	6.51+	6.51+	6.51+	6.51+	6.51+		6.51 G	6.51-	6.51-	6.51-	6.51-
27	6.96+	6.96+	6.96+	6.96+	6.96+		6.96+	6.96+	6.96+	6.96+	6.96+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	10.3	10.3	10.2	10.2	10.0		9.8	10.1	10.2	10.2	10.3
BED ELEVATION	6.14	6.15	6.22	6.17	6.50		6.61	6.42	6.08	6.05	6.00
RIGHT EDGE WATER	25.5	25.3	25.2	25.2	25.9		26.4	25.8	25.6	25.3	25.3
BED ELEVATION	6.33	6.29	6.23	6.29	6.53		6.63	6.44	6.39	6.28	6.27

TABLE 19.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0898, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3	6-5	6-7	6-9	6-10	6-11	6-12	6-13	6-14	6-15	6-16
WATER SURFACE(1)	1325	1114	1211	1437	1424	1444	1524	1319	1421	1425	1431
LEFT BANK GAGE	6.27	6.29	6.35	6.74	6.99	7.22	7.32	7.27	7.17	7.00	6.63
RIGHT BANK GAGE	6.28	6.30	6.37	6.79	7.04	7.27	7.39	7.31	7.22	7.03	6.67
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.18+	7.18+	7.18+	7.18+	7.18+	7.18+	7.18 BM	7.24 BM	7.24-	7.24-	
1	7.14+	7.14+	7.14+	7.14+	7.14+	7.14+	7.14 BM	7.09 BM	7.12 BM	7.12-	
2	7.07+	7.07+	7.07+	7.07+	7.07+	7.07+	7.07 BM	7.03 BM	7.08 BM	7.05 BM	
3	6.97+	6.97+	6.97+	6.97+	6.97 BM	6.97 BM	7.03 BM	6.94 BM	6.97 BM	6.94 BM	6.98 BM
4	6.80+	6.80+	6.80+	6.80+	6.80 BM	6.87 BM	6.87 BM	6.78 BM	6.82 BM	6.78 S	6.78 BM
5	6.89+	6.89+	6.89+	6.89+	6.89 BM	6.94 BM	6.89 FS	6.94 BM	6.89 S	6.93 BM	
6	6.82+	6.82+	6.82+	6.82+	6.82 FS	6.85 BM	6.85 FS	6.88 FS	6.87 FS	6.87 S	
7	6.83+	6.83+	6.83+	6.83+	6.83 FS	6.87 FS	6.83 FS	6.86 FS	6.86 FS	6.86 FS	
8	6.79+	6.79+	6.79+	6.79+	6.79 FS	6.79 FS	6.76 FS	6.77 FS	6.77 FS	6.77 FS	
9	6.69+	6.69+	6.69+	6.69 BM	6.75 S	6.78 S	6.74 FS	6.77 FS	6.76 FS	6.76 FS	
10	6.47-	6.47-	6.47-	6.47 BM	6.59 FS	6.44 S	6.60 FS	6.63 FS	6.55 FS	6.51 S	
11	6.07 M	6.07 M	6.10 BM	6.06 SG	6.05 S	6.06 S	6.16 S	6.17 S	6.05 S	6.02 S	
12	5.97 SG	5.93 G	5.93 G	5.90 G	5.94 G	5.95 G	5.99 S	5.97 S	5.96 S	5.96 G	
13	5.89 CG	5.89 G	5.87 G	5.87 G	5.88 G	5.88 G	5.95 S	5.90 G	5.89 S	5.87 G	
14	5.83 SG	5.84 G	5.85 SG	5.82 G	5.81 G	5.83 G	5.89 S	5.83 G	5.83 S	5.80 G	
15	5.80 SG	5.81 G	5.80 SG	5.78 G	5.79 G	5.81 G	5.86 S	5.78 G	5.82 CS	5.77 G	
16	5.79 CS	5.77 SG	5.77 SG	5.74 G	5.78 G	5.79 G	5.79 S	5.79 G	5.74 G	5.76 G	
17	5.75 CG	5.73 CG	5.73 SG	5.72 HB	5.72 G	5.76 G	5.73 G	5.73 G	5.71 FG	5.74 G	
18	5.78 CG	5.76 CG	5.77 CG	5.76 G	5.77 G	5.79 G	5.77 G	5.79 G	5.78 G	5.79 G	
19	5.80 G	5.80 CG	5.79 CG	5.85 SG	5.80 FG	5.80 G	5.82 G	5.81 G	5.80 G	5.82 G	
20	5.85 G	5.82 CG	5.84 CG	5.77 SG	5.80 G	5.80 G	5.76 G	5.78 SG	5.76 G	5.77 G	
21	5.86 G	5.85 CG	5.87 CG	5.77 SG	5.80 G	5.83 G	5.82 FG	5.82 FG	5.83 G	5.82 SG	
22	5.81 CG	5.81 CG	5.82 CG	5.83 G	5.84 G	5.85 G	5.84 FG	5.81 G	5.81 G	5.80 SG	
23	5.85 CG	5.87 CG	5.86 CG	5.85 G	5.88 G	5.86 G	5.79 G	5.85 CG	5.88 G	5.86 G	
24	5.98 CG	6.00 CG	5.99 CG	5.97 G	6.00 G	6.01 G	5.96 G	5.98 CG	5.98 G	6.01 G	
25	6.17 CG	6.19 CG	6.17 CG	6.12 G	6.13 G	6.14 G	6.11 G	6.14 CG	6.19 G	6.21 G	
26	6.51-	6.51-	6.51-	6.54 G	6.53 G	6.56 G	6.56 G	6.61 CG	6.52 G	6.51 G	
27	6.96+	6.96+	6.96+	6.96+	6.96 G	7.08 BM	7.07 G	7.05 BM	7.09 BM	6.84 G	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	10.3	10.2	10.2	8.8	3.0	0.3	< 0.0	0.0	0.6	3.0	
BED ELEVATION	5.96	5.98	6.03	6.73	6.97	7.19		7.24	7.14	6.98	
RIGHT EDGE WATER	25.4	25.5	25.8	26.7	27.1	27.4	27.4	27.5	27.3	27.3	
BED ELEVATION	6.28	6.30	6.37	6.80	7.04	7.27	7.40	7.32	7.23	7.04	

TABLE 19.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION OB98, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1355	6-18 1350	6-19 1257	6-20 1330	6-21 1343	6-23 1225	6-25 1225	6-27 1110	6-29 1152	7- 1 1345	7- 3 1402
WATER SURFACE(1)											
LEFT BANK GAGE	6.70	6.97	6.91	7.16	7.05	6.94	6.81	6.74	6.40	6.71	6.61
RIGHT BANK GAGE	6.75	7.03	6.95	7.21	7.11	6.98	6.86	6.79	6.43	6.77	6.65
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-
1	7.12-	7.12-	7.12-	7.12- BM	7.12-	7.12-	7.12-	7.12-	7.12-	7.12-	7.12-
2	7.05-	7.05-	7.05-	7.04- BM	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-
3	6.98-	6.98-	6.98-	6.97- BM	6.96- BM	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-
4	6.78-	6.81- BM	6.81-	6.81- BM	6.79- BM	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-
5	6.93-	6.89- BM	6.89-	6.90- BM	6.87- BM	6.92- BM	6.92-	6.92-	6.92-	6.92-	6.92-
6	6.87-	6.84- FS	6.86- FS	6.86- FS	6.84- S	6.84- FS	6.84-	6.84-	6.84-	6.84-	6.84-
7	6.79-	6.81- FS	6.84- BM	6.85- FS	6.83- S	6.83- FS	6.83-	6.83-	6.83-	6.83-	6.83-
8	6.70-	6.74- FS	6.80- BM	6.77- FS	6.76- S	6.78- FS	6.76- FS	6.76-	6.76-	6.76-	6.76-
9	6.69- BM	6.75- S	6.73- FS	6.74- FS	6.73- S	6.72- FS	6.68- FS	6.71- BM	6.71-	6.69- FS	6.69-
10	6.50- BM	6.58- S	6.48- FS	6.49- FS	6.53- S	6.55- FS	6.48- FS	6.53- BM	6.53-	6.49- FS	6.53- BM
11	6.08- S	6.07- S	6.08- S	6.06- S	6.05- S	6.10- S	6.07- S	6.04- S	6.00- FS	5.98- SG	5.98- S
12	5.92- S	5.93- G	5.92- S	5.94- G	5.92- G	5.93- G	5.92- G	5.94- FG	5.90- SG	5.89- G	5.91- G
13	5.79- S	5.86- G	5.85- G	5.88- S	5.86- G	5.86- G	5.88- G	5.87- FG	5.85- SG	5.87- G	5.84- G
14	5.83- S	5.78- G	5.83- G	5.79- G	5.79- G	5.79- SG	5.82- G	5.81- G	5.80- SG	5.80- G	5.82- CG
15	5.78- S	5.79- S	5.75- G	5.75- G	5.77- G	5.76- G	5.78- G	5.77- G	5.76- SG	5.79- SG	5.79- CG
16	5.75- G	5.78- G	5.75- G	5.75- SG	5.76- G	5.76- FG	5.75- G	5.76- G	5.75- SG	5.76- SG	5.75- CG
17	5.74- G	5.71- S	5.74- G	5.77- HB	5.72- G	5.70- S	5.74- HB	5.74- G	5.72- G	5.71- CG	5.73- CG
18	5.78- G	5.73- CG	5.76- G	5.78- FG	5.77- G	5.76- CG	5.81- G	5.78- G	5.79- G	5.79- SG	5.75- CG
19	5.82- FG	5.76- G	5.80- G	5.79- FG	5.81- G	5.78- FG	5.84- G	5.79- S	5.81- CS	5.80- SG	5.78- CG
20	5.75- FG	5.75- SG	5.75- G	5.78- G	5.77- G	5.77- G	5.76- G	5.76- G	5.77- G	5.79- G	5.88- G
21	5.82- G	5.79- S	5.83- G	5.82- G	5.85- SG	5.83- G	5.85- G	5.86- G	5.87- CG	5.89- G	5.94- G
22	5.83- G	5.79- G	5.83- G	5.82- G	5.80- G	5.82- CG	5.82- CG	5.80- G	5.81- CG	5.82- CG	5.81- CG
23	5.88- G	5.87- G	5.85- G	5.88- CG	5.86- G	5.87- CG	5.87- CG	5.86- G	5.84- CG	5.85- CG	5.84- CG
24	5.99- G	5.98- G	5.99- G	5.97- CG	5.98- G	5.97- CG	5.98- CG	6.01- G	5.97- G	5.96- CG	5.95- CG
25	6.13- G	6.19- G	6.17- G	6.17- CG	6.09- G	6.18- CG	6.17- CG	6.16- G	6.15- G	6.18- CG	6.15- CG
26	6.55- G	6.59- G	6.55- G	6.61- CG	6.59- G	6.53- CG	6.56- CG	6.55- G	6.55-	6.55- CG	6.52- G
27	6.84-	6.92- G	6.89- G	7.00- BM	6.92- G	6.78- CG	6.86- CG	6.86-	6.86-	6.86-	6.86-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	9.0	3.1	5.1	0.7	2.5	5.0	7.3	8.8	10.1	8.8	9.9
BED ELEVATION	6.69	6.93	6.89	7.13	7.02	6.92	6.79	6.73	6.40	6.70	6.60
RIGHT EDGE WATER	26.6	27.1	27.1	27.3	27.2	27.1	27.0	26.7	25.6	26.7	26.3
BED ELEVATION	6.76	7.03	6.95	7.21	7.08	6.98	6.86	6.79	6.43	6.77	6.65

TABLE 19.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0898, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1132	7- 7 1152	7- 9 1205	7-12 1327	7-16 1504	7-20 1516	7-23 1556	7-26 1116	7-29 1540	9-15 1645	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.46	6.32	6.27	6.18	6.15	6.16	6.17	6.14	6.13	6.10	
RIGHT BANK GAGE	6.48	6.33	6.27	6.19	6.14	6.16	6.16	6.14	6.13	6.09	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.18
1	7.12-	7.12-	7.12-	7.12-	7.12-	7.12-	7.12-	7.12-	7.12-	7.12-	7.09
2	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.03
3	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.94
4	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.78
5	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.87
6	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.82
7	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.79
8	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.70
9	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.68
10	6.46 BM	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.44
11	6.06 FS	6.05 FS	6.06 FS	6.05 FS	6.03 FS	6.05 FS	6.05 BM	6.03 BM	6.00 FS	6.01 FS	5.98
12	5.91 CG	5.91 SG	5.93 CG	5.90 G	5.92 CG	5.91 CG	5.93 G	5.92 CG	5.92 CG	5.94 CG	5.77
13	5.86 CG	5.88 SG	5.87 SG	5.88 CG	5.89 CG	5.88 CG	5.88 G	5.89 CG	5.90 CG	5.89 CG	5.75
14	5.83 CG	5.80 CG	5.85 SG	5.82 CG	5.83 CG	5.83 CG	5.84 CG	5.83 CG	5.83 SG	5.84 CG	5.78
15	5.79 CG	5.80 CG	5.83 S	5.81 SG	5.81 SG	5.79 SG	5.82 CG	5.81 SG	5.81 SG	5.81 CG	5.75
16	5.76 CG	5.77 SG	5.78 CG	5.78 SG	5.79 SG	5.81 SG	5.79 CG	5.76 SG	5.80 SG	5.80 CG	5.74
17	5.70 CG	5.71 CG	5.74 CG	5.74 CG	5.72 CG	5.72 G	5.74 CG	5.74 CG	5.73 SG	5.74 CG	5.70
18	5.75 CG	5.77 CG	5.75 CG	5.77 CG	5.79 CG	5.76 CG	5.76 CG	5.79 CG	5.79 CG	5.76 CG	5.73
19	5.77 CG	5.81 G	5.79 CG	5.80 CG	5.82 M	5.81 CG	5.78 CG	5.81 CG	5.81 CG	5.81 CG	5.76
20	5.89 G	5.90 G	5.87 G	5.89 G	5.90 M	5.87 M	5.87 M	5.91 M	5.91 M	5.84 M	5.75
21	5.90 G	5.91 G	5.96 G	5.96 G	5.92 M	5.95 M	5.94 M	5.93 M	5.92 M	5.91 M	5.71
22	5.81 CG	5.81 CG	5.81 CG	5.82 CG	5.82 CG	5.83 CG	5.82 CG	5.82 CG	5.81 CG	5.80 FS	5.79
23	5.85 CG	5.84 CG	5.84 CG	5.85 CG	5.86 CG	5.86 CG	5.85 G	5.84 CG	5.85 CG	5.84 G	5.79
24	5.96 CG	5.99 CG	5.97 CG	5.98 CG	5.98 CG	5.97 CG	5.96 G	5.96 CG	5.98 CG	5.95 G	5.87
25	6.18 G	6.15 CG	6.14 G	6.17 G	6.13 CG	6.15 CG	6.16 G	6.14 G	6.12 CG	6.12-	5.98
26	6.49 BM	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49
27	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.78
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	10.0	10.2	10.3	10.2	10.3	10.2	10.2	10.3	10.2	10.3	
BED ELEVATION	6.46	6.32	6.14	6.05	6.04	6.06	6.05	6.14	6.01	6.01	
RIGHT EDGE WATER	26.0	25.5	25.4	25.1	25.1	25.1	25.0	25.0	25.1	24.9	
BED ELEVATION	6.49	6.33	6.27	6.19	6.14	6.16	6.16	6.14	6.13	6.09	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

H8 = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 20.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0940, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1320	5-14 1445	5-16 1223	5-19 1250	5-21 1311	5-22 1320	5-26 937	5-27 1331	5-28 1445	5-30 1231	6- 1 1210
WATER SURFACE(1)											
LEFT BANK GAGE	6.36	6.32	6.25	6.31	6.56	6.91	6.65	6.47	6.42	6.31	6.30
RIGHT BANK GAGE	6.35	6.30	6.24*	6.29	6.54	6.89	6.65	6.46	6.41	6.29	6.28
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.04+	7.04+	7.04+	7.04+	7.04+		7.04+	7.04+	7.04+	7.04+	7.04+
1	6.36 BM	6.36-	6.36-	6.36-	6.36-		6.36-	6.36-	6.36-	6.36-	6.36-
2	5.74 CG	5.77	5.75 SG	5.97 BM	5.96		5.84	5.80	5.86	5.83 BM	5.79 BM
3	5.50 CG	5.54	5.55 SG	5.51 S	5.60 CG		5.63 FG	5.79	5.66 CG	5.68	5.52 SG
4	5.54 S	5.48	5.51 SG		5.49 S		5.82 S	5.82 S	5.80 CS	5.64 S	5.55 S
5	5.54 S	5.57 S	5.55 S	5.40 S	5.44 CG		5.82 S	5.86 S	5.77 CS	5.68 S	5.60 S
6	5.64 S	5.55 S	5.61 S	5.45 S	5.47 S		6.01 S	5.90 S	5.85 CS	5.74 S	5.58 CG
7	5.67 S	5.67 S	5.65 S	5.56 S	5.53 S		6.03 S	5.89 S	5.83 CS	5.72 S	5.67 FG
8	5.67 S	5.71 S	5.73 SG	5.62 S	5.55 S		5.95 S	5.89 S	5.75 CS	5.75 FG	5.75 FG
9	5.67 SG	5.72 CS	5.74 SG	5.76 S	5.60 G		5.93 S	5.83 S	5.76 SG	5.74 FG	5.77 FG
10	5.66 CG	5.69 CS	5.68 SG	5.70 S	5.65 CG		5.86 S	5.82 CS	5.76 G	5.79 G	5.78 FG
11	5.77 CG	5.79 CG	5.82 CG	5.78 S	5.76 G		5.82 CS	5.84 FG	5.81 CG	5.84 CG	5.83 CG
12	5.85 CG	5.90 CG	5.86 CG	5.87 S	5.86 FG		5.86 CG	5.88 CG	5.91 CG	5.88 CG	5.88 CG
13	5.99 CG	6.01 CG	5.98 CG	5.97 SG	6.00 G		5.93 CG	5.93 CG	6.00 CG	5.97 CG	5.97 CG
14	6.02 SG	6.02 CG	6.02 CG	6.07 G	6.03 G		6.02 CG	6.04 G	6.05 CG	6.02 CG	6.05 CG
15	6.13 G	6.18 CG	6.14 CG	6.16 G	6.17 G		6.13 CG	6.13 G	6.13 CG	6.12 CG	6.12 CG
16	6.21 CG	6.22 CG	6.19 CG	6.20 G	6.23 G		6.15 CG	6.19 G	6.19 CG	6.19 CG	6.18 CG
17	6.26 G	6.25 CG	6.24 CG	6.26 G	6.25 CG		6.23 CG	6.28 G	6.26 CG	6.26 CG	6.24 CG
18	6.41+	6.41+	6.41+	6.41+	6.41 CG		6.37 CG	6.38 G	6.39 CG	6.39-	6.39-
19	6.54+	6.54+	6.54+	6.54+	6.54 CG		6.51 CG	6.51-	6.51-	6.51-	6.51-
20	6.65+	6.65+	6.65+	6.65+	6.65+		6.65 CG	6.65-	6.65-	6.65-	6.65-
21	6.80+	6.80+	6.80+	6.80+	6.80+		6.80+	6.80+	6.80+	6.80+	6.80+
22	6.88+	6.88+	6.88+	6.88+	6.88+		6.88+	6.88+	6.88+	6.88+	6.88+
23	7.28+	7.28+	7.28+	7.28+	7.28+		7.28+	7.28+	7.28+	7.28+	7.28+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.0	1.2	1.5	1.2	1.2		1.2	1.3	1.2	1.5	1.2
BED ELEVATION	6.36	6.22	6.25	6.30	6.56		6.57	6.37	6.42	6.23	6.29
RIGHT EDGE WATER	17.9	17.7	17.0	17.6	19.0		20.0	18.6	18.3	17.7	17.7
BED ELEVATION	6.35	6.30	6.24	6.29	6.54		6.65	6.46	6.41	6.29	6.28

TABLE 20.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0940, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1316	6- 5 1109	6- 7 1203	6- 9 1420	6-10 1415	6-11 1412	6-12 1456	6-13 1348	6-14 1359	6-15 1406	6-16 1429
WATER SURFACE(1)											
LEFT BANK GAGE	6.30	6.32	6.39	6.79	7.04	7.26	7.39	7.31	7.22	7.05	6.69
RIGHT BANK GAGE	6.28	6.30	6.38	6.80	7.05	7.27	7.42	7.33	7.24	7.05	6.68
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.04+	7.04+	7.04+	7.04+	7.04 BM	7.01 BM	6.97 BM	7.11 BM	7.02 BM	6.98 BM	
1	6.36-	6.36-	6.36-	6.62 BM	6.93 BM	6.93 BM	6.84 BM	6.78 BM	6.40 BM	6.42 BM	
2	5.78 G	5.80 G	5.92 BM	5.78 S	5.83 S	5.76 S	5.80 S	5.67 S	5.90 S	5.94 S	
3	5.54 G	5.53 G	5.52 G	5.49 S	5.56 S	5.52 S	5.58 S	5.68 S	5.74 S	5.84 S	
4	5.49 S	5.47 SG	5.47 SG	5.45 S	5.52 S	5.76 S	5.65 S	5.61 S	5.78 S	5.88 S	
5	5.49 S	5.48 S	5.49 SG	5.39 G	5.42 S	5.82 S	5.74 S	5.53 S	5.89 S	5.77 S	
6	5.50 S	5.49 S	5.48 SG	5.48 S	5.47 S	5.77 S	5.67 S	5.71 S	5.92 S	5.78 S	
7	5.66 FG	5.63 SG	5.55 FG	5.57 S	5.57 S	5.78 S	5.73 S	5.80 S	5.79 S	5.88 S	
8	5.75 FG	5.74 FG	5.68 FG	5.54 CS	5.68 S	5.79 S	5.77 S	5.79 S	5.82 S	5.95 S	
9	5.76 G	5.75 G	5.74 G	5.59 SG	5.66 S	5.77 S	5.80 S	5.85 S	5.92 S	5.99 S	
10	5.78 G	5.76 G	5.77 G	5.64 G	5.65 G	5.71 S	5.77 CS	5.88 S	5.75 S	5.93 S	
11	5.82 CG	5.82 CG	5.80 G	5.78 G	5.81 G	5.79 G	5.82 G	5.84 G	5.87 CG	5.83 SG	
12	5.89 CG	5.89 CG	5.88 CG	5.87 G	5.86 G	5.89 G	5.91 G	5.90 G	5.86 G	5.86 G	
13	5.97 CG	5.96 CG	5.96 CG	5.89 G	5.91 G	5.93 G	5.88 FG	5.95 G	5.91 G	5.90 G	
14	6.05 CG	6.03 CG	6.02 CG	5.96 G	5.99 G	5.99 G	5.99 G	6.03 G	5.97 G	5.95 G	
15	6.13 CG	6.12 CG	6.12 CG	6.09 CG	6.08 G	6.13 G	6.09 CG	6.12 G	6.10 G	6.05 CG	
16	6.18 CG	6.18 CG	6.20 CG	6.11 CG	6.14 G	6.15 G	6.16 G	6.12 G	6.14 G	6.08 CG	
17	6.26 CG	6.25 CG	6.24 CG	6.19 CG	6.19 G	6.25 G	6.22 G	6.23 SG	6.23 G	6.18 CG	
18	6.39-	6.39-	6.37 CG	6.35 CG	6.31 G	6.31 G	6.40 G	6.29 FG	6.37 G	6.35 CG	
19	6.51-	6.51-	6.51-	6.48 CG	6.51 G	6.43 G	6.46 G	6.35 S	6.45 G	6.56 CG	
20	6.65-	6.65-	6.65-	6.68 CG	6.68 G	6.58 BM	6.63 SG	6.54 FG	6.71 G	6.64 CG	
21	6.80+	6.80+	6.80+	6.80 CG	6.85 G	6.75 G	6.77 G	6.77 BM	6.79 G	6.80 CG	
22	6.88+	6.88+	6.88+	6.88+	6.88 BM	6.90 BM	6.92 G	6.95 BM	6.92 G	6.92 CG	
23	7.28+	7.28+	7.28+	7.28+	7.28+	7.28 BM	7.31 G	7.31 BM	7.31-	7.31-	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	1.2 6.30	1.5 6.18	1.4 6.34	1.0 6.62	0.0 7.04	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	
RIGHT EDGE WATER BED ELEVATION	17.6 6.28	17.8 6.31	18.2 6.38	21.0 6.80	22.5 6.99	23.0 7.28	>23.0	23.2 7.33	22.8 7.25	22.7 7.05	

TABLE 20.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0940, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1334	6-18 1459	6-19 1237	6-20 1310	6-21 1323	6-23 1258	6-25 1145	6-27 1124	6-29 1158	7- 1 1337	7- 3 1350
WATER SURFACE(1)											
LEFT BANK GAGE	6.77	7.05	6.96	7.21	7.12	7.00	6.87	6.81	6.45	6.78	6.67
RIGHT BANK GAGE	6.75	7.05*	6.96	7.23	7.13	7.00	6.87	6.81	6.44	6.77	6.66
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.98-	6.97 BM	6.97-	6.98 BM	7.02 BM	7.00 BM	7.00-	7.00-	7.00-	7.00-	7.00-
1	6.42-	6.55 BM	6.92 BM	6.69 BM	6.96 BM	6.92 BM	6.73 BM	6.73-	6.73-	6.78 BM	6.67 BM
2	5.81 S	5.69 S	5.76 S	5.78 BM	5.82 S	5.83 S	5.79 S	5.77 S	5.75 S	5.76 S	5.76 S
3	5.78 S	5.82 S	5.66 S	5.70 S	5.72 S	5.66 S	5.70 S	5.61 S	5.52 S	5.51 S	5.54 S
4	5.85 S	5.77 S	5.60 S	5.56 S	5.75 S	5.69 S	5.63 S	5.69 S	5.42 S	5.47 M	5.48 S
5	5.78 S	5.77 S	5.68 S	5.69 S	5.80 S	5.59 S	5.65 S	5.70 S	5.54 S	5.50 S	5.44 S
6	5.79 S	5.69 S	5.64 S	5.67 S	5.71 S	5.68 S	5.66 S	5.71 S	5.60 S	5.55 S	5.59 S
7	5.80 S	5.76 S	5.63 S	5.76 S	5.74 S	5.80 S	5.69 S	5.74 S	5.63 S	5.56 S	5.56 S
8	5.79 S	5.71 S	5.78 S	5.87 S	5.80 S	5.70 S	5.82 S	5.81 S	5.60 S	5.57 S	5.57 S
9	5.72 S	5.71 S	5.77 S	5.80 S	5.75 S	5.70 S	5.76 S	5.72 S	5.63 S	5.59 S	5.57 S
10	5.72 SG	5.69 S	5.69 CS	5.67 FG	5.65 S	5.71 S	5.67 G	5.68 G	5.66 G	5.67 CG	5.64 CG
11	5.78 FG	5.75 S	5.76 S	5.80 FG	5.74 S	5.74 S	5.78 G	5.71 S	5.79 S	5.75 CG	5.78 CG
12	5.86 FG	5.78 S	5.86 S	5.87 S	5.84 S	5.88 S	5.86 S	5.89 S	5.89 S	5.86 CG	5.85 CG
13	5.88 FG	5.87 S	5.89 S	5.92 S	5.88 S	5.89 S	5.89 S	5.91 S	5.96 S	5.91 CG	5.92 CG
14	5.96 FG	5.95 S	5.96 S	5.94 CG	5.95 S	5.96 S	5.98 S	5.99 S	6.02 S	5.98 CG	5.99 CG
15	6.07 CG	6.03 S	6.10 CG	6.09 CG	6.10 CG	6.09 CG	6.07 G	6.09 G	6.12 SG	6.10 G	6.09 CG
16	6.15 CG	6.11 S	6.15 CG	6.17 CG	6.19 S	6.17 CG	6.13 S	6.15 S	6.21 SG	6.16 S	6.16 S
17	6.21 CG	6.16 S	6.23 CG	6.24 CG	6.23 S	6.20 S	6.19 S	6.21 S	6.24 SG	6.21 S	6.27 S
18	6.37 CG	6.25 S	6.38 CG	6.36 CG	6.32 S	6.34 S	6.37 S	6.39 S	6.41 SG	6.36 S	6.40 S
19	6.53 CG	6.38 S	6.54 CG	6.48 S	6.53 S	6.50 S	6.49 S	6.58 S	6.58-	6.55 S	6.55 S
20	6.63 CG	6.54 S	6.70 CG	6.59 CG	6.61 S	6.62 S	6.65 S	6.69 S	6.69-	6.69 SG	6.66 SG
21	6.80-	6.87 S	6.85 CG	6.80 CG	6.78 S	6.78 S	6.82 S	6.82-	6.82-	6.82-	6.82-
22	6.92-	6.89 S	6.88 CG	6.88 S	6.83 S	6.83 S	6.85 S	6.85-	6.85-	6.85-	6.85-
23	7.31-	7.31-	7.31-	7.22 SG	7.22-	7.22-	7.22-	7.22-	7.22-	7.22-	7.22-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.1	< 0.0	0.2	< 0.0	< 0.0	0.0	0.9	1.1	1.2	1.0	1.0
BED ELEVATION	6.62		6.96			7.00	6.86	6.66	6.45	6.68	6.67
RIGHT EDGE WATER	20.6	22.6	22.6	23.2	22.9	22.7	22.1	20.8	18.4	20.7	20.0
BED ELEVATION	6.75	7.05	6.96	7.23	7.13	7.00	6.87	6.81	6.44	6.77	6.66

TABLE 20.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0940, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1137	7- 7 1147	7- 9 1210	7-12 1322	7-16 1501	7-20 1511	7-23 1551	7-26 1111	7-29 1535	9-15 1630	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.51	6.36	6.29	6.20	6.16	6.18	6.18	6.16	6.14	6.11	
RIGHT BANK GAGE	6.50	6.34	6.29*	6.20*	6.16*	6.18*	6.18*	6.15*	6.13*	6.10*	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	6.97
1	6.67-	6.67-	6.67-	6.67-	6.67-	6.67-	6.67-	6.67-	6.67-	6.67-	6.36
2	5.73 G	5.73 G	5.75 G	5.70 G	5.72 G	5.73 G	5.71 G	5.74 G	5.72 G	5.71 G	5.67
3	5.50 SG	5.49 G	5.49 G	5.49 G	5.48 CG	5.50 G	5.50 CG	5.50 CG	5.48 G	5.48 G	5.48
4	5.50 FS	5.45 S	5.46 G	5.42 G	5.43 CG	5.45 G	5.45 CG	5.44 CG	5.43 CG	5.43 SG	5.38
5	5.41 S	5.50 S	5.40 S	5.39 SG	5.39 G	5.38 G	5.41 CG	5.41 G	5.41 G	5.40 SG	5.36
6	5.56 S	5.49 CS	5.42 FG	5.45 FG	5.45 FG	5.46 FG	5.46 G	5.44 G	5.46 G	5.44 CS	5.25
7	5.51 FG	5.52 G	5.49 FG	5.51 G	5.54 G	5.51 G	5.55 G	5.53 G	5.52 G	5.52 CS	5.33
8	5.56 G	5.58 G	5.58 G	5.59 G	5.55 G	5.58 G	5.58 G	5.57 G	5.59 G	5.58 CS	5.48
9	5.60 G	5.63 G	5.61 G	5.61 G	5.63 CG	5.64 G	5.65 CG	5.63 G	5.63 CG	5.61 SG	5.53
10	5.67 G	5.69 CG	5.67 CG	5.68 CG	5.69 CG	5.62 CG	5.70 CG	5.69 CG	5.70 CG	5.68 G	5.62
11	5.77 CG	5.81 CG	5.78 CG	5.79 CG	5.82 CG	5.79 CG	5.80 CG	5.80 CG	5.79 CG	5.78 G	5.71
12	5.87 CG	5.88 CG	5.87 CG	5.89 CG	5.88 CG	5.88 CG	5.91 CG	5.88 CG	5.87 CG	5.88 G	5.78
13	5.93 CG	5.94 CG	5.97 CG	5.97 CG	5.94 CG	5.96 CG	5.96 CG	5.94 CG	5.93 CG	5.96 G	5.87
14	6.00 CG	6.02 CG	6.01 CG	6.00 CG	6.01 CG	6.02 CG	6.01 CG	6.01 CG	6.00 SG	6.02 G	5.94
15	6.10 G	6.11 SG	6.10 CG	6.11 G	6.13 G	6.13 CG	6.12 CG	6.12 G	6.11 SG	6.10 G	6.03
16	6.20 G	6.19 SG	6.19 G	6.19 G	6.19 G	6.19-	6.19-	6.19-	6.19-	6.19-	6.08
17	6.22 CG	6.22 SG	6.20 G	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.16
18	6.37 G	6.37-	6.37-	6.37-	6.37-	6.37-	6.37-	6.37-	6.37-	6.37-	6.25
19	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.35
20	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	6.54
21	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.75
22	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.83
23	7.22-	7.22-	7.22-	7.22-	7.22-	7.22-	7.22-	7.22-	7.22-	7.22-	7.22
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.2	1.3	1.5	1.5	1.4	1.5	1.4	1.4	1.5	1.4	
BED ELEVATION	6.51	6.36	6.29	6.20	6.16	6.18	6.16	6.16	6.14	6.11	
RIGHT EDGE WATER	18.7	17.9	17.7	16.9	15.5	15.6	15.8	15.6	15.5	15.0	
BED ELEVATION	6.50	6.34	6.29	6.20	6.16	6.18	6.18	6.15	6.13	6.10	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 21.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0985, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1320	5-14 1440	5-16 1225	5-19 1251	5-21 1305	5-22 1322	5-26 926	5-27 1325	5-28 1234	5-30 1240	6- 1 1210
WATER SURFACE(1)											
LEFT BANK GAGE	6.39	6.34	6.28*	6.32*	6.59	6.92	6.70	6.51	6.44*	6.33*	6.32*
RIGHT BANK GAGE	6.40	6.35	6.28	6.34	6.61	6.96	6.71	6.52	6.46	6.34	6.33
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.42+	7.42+	7.42+	7.42+	7.42+		7.42+	7.42+	7.42+	7.42+	7.42+
1	7.27+	7.27+	7.27+	7.27+	7.27+		7.27+	7.27+	7.27+	7.27+	7.27+
2	6.99+	6.99+	6.99+	6.99+	6.99+		6.99+	6.99+	6.99+	6.99+	6.99+
3	6.92+	6.92+	6.92+	6.92+	6.92+		6.92+	6.92+	6.92+	6.92+	6.92+
4	6.91+	6.91+	6.91+	6.91+	6.91+		6.91+	6.91+	6.91+	6.91+	6.91+
5	6.93+	6.93+	6.93+	6.93+	6.93+		6.93+	6.93+	6.93+	6.93+	6.93+
6	6.94+	6.94+	6.94+	6.94+	6.94+		6.94+	6.94+	6.94+	6.94+	6.94+
7	6.81+	6.81+	6.81+	6.81+	6.81+		6.81+	6.81+	6.81+	6.81+	6.81+
8	6.82+	6.82+	6.82+	6.82+	6.82+		6.82+	6.82+	6.82+	6.82+	6.82+
9	6.81+	6.81+	6.81+	6.81+	6.81+		6.81+	6.81+	6.81+	6.81+	6.81+
10	6.69+	6.69+	6.69+	6.69+	6.69+		6.69+	6.69+	6.69+	6.69+	6.69+
11	6.59+	6.59+	6.59+	6.59+	6.59 SG		6.64 S	6.64-	6.64-	6.64-	6.64-
12	6.46+	6.46+	6.46+	6.46+	6.46 SG		6.64 S	6.64-	6.64-	6.64-	6.64-
13	6.41+	6.41+	6.41+	6.41+	6.41 S		6.50 S	6.50-	6.50-	6.50-	6.50-
14	6.41+	6.41+	6.41+	6.41+	6.41 S		6.41 S	6.41 SG	6.38 S	6.38-	6.38-
15	6.34 SG	6.34 CS	6.34-	6.32 BM	6.30 S		6.35 S	6.35 SG	6.29 FG	6.29-	6.29-
16	6.27 SG	6.32 CS	6.28 CS	6.27 S	6.21 S		6.31 S	6.30 SG	6.28 FG	6.30 SG	6.31 FG
17	6.20 SG	6.24 CS	6.23 CS	6.19 S	6.19 S		6.27 S	6.23 SG	6.22 FG	6.22 SG	6.21 FG
18	6.10 SG	6.12 CS	6.13 CS	6.09 S	6.11 S		6.16 SG	6.19 CS	6.12 FG	6.15 SG	6.15 FG
19	6.04 SG	6.04 S	6.06 S	6.01 SG	6.09 S		6.13 S	6.13 CS	6.06 CS	6.10 SG	6.11 FG
20	6.00 SG	6.04 S	6.00 S	5.99 S	5.95 S		6.16 S	6.04 CS	6.00 SG	6.02 SG	6.03 FG
21	6.03 SG	6.04 S	6.00 CS	5.98 S	6.06 S		6.13 S	6.04 CS	5.98 SG	5.99 SG	6.00 FG
22	5.96 SG	5.97 S	5.97 SG	5.96 F	5.96 S		6.07 S	5.99 CS	5.96 SG	5.96 CS	5.97 FG
23	5.91 SG	5.95 S	5.92 S	5.94 F	5.87 S		5.95 S	5.93 CS	5.91 SG	5.93 CS	5.94 FG
24	5.94 SG	5.93 S	5.90 S	5.86 S	5.91 S		5.93 S	5.88 CS	5.86 SG	5.88 CS	5.89 FG
25	5.89 SG	5.84 S	5.84 S	5.87 S	5.79 S		5.81 SG	5.81 CS	5.77 SG	5.80 CS	5.82 FG
26	5.80 SG	5.75 S	5.78 S	5.78 S	5.75 S		5.72 SG	5.73 CS	5.71 SG	5.73 CS	5.72 CS
27	5.65 SG	5.72 SG	5.72 FG	5.69 S	5.68 S		5.63 SG	5.64 SG	5.63 SG	5.64 SG	5.63 CG
28	5.63 G	5.66 G	5.68 G	5.65 SG	5.62 G		5.59 G	5.63 CG	5.60 CG	5.62 G	5.64 CG
29	5.67 CG	5.68 G	5.68 CG	5.67 G	5.63 G		5.60 G	5.68 CG	5.65 CG	5.65 G	5.68 CG
30	5.71 CG	5.73 G	5.74 CG	5.72 G	5.69 G		5.71 G	5.74 CG	5.72 CG	5.72 G	5.73 CG
31	5.80 CG	5.82 G	5.81 CG	5.85 G	5.76 G		5.78 G	5.84 CG	5.83 CG	5.81 G	5.83 CG
32	5.90 CG	5.92 G	5.90 CG	5.94 G	5.87 G		5.86 G	5.93 CG	5.92 CG	5.93 G	5.94 CG
33	5.97 CG	6.00 G	6.01 CG	6.04 G	6.02 G		5.97 G	5.99 CG	5.98 CG	5.99 G	6.02 BM
34	6.85+	6.85+	6.85+	6.85+	6.85+		6.85+	6.85+	6.85+	6.85+	6.85+
35	7.34+	7.34+	7.34+	7.34+	7.34+		7.34+	7.34+	7.34+	7.34+	7.34+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	14.3	15.0	16.0	15.0	11.0		10.1	13.1	13.5	15.7	15.8
BED ELEVATION	6.39	6.34	6.28	6.32	6.59		6.70	6.51	6.44	6.33	6.32
RIGHT EDGE WATER	33.3	33.2	33.4	33.2	33.2		33.3	33.3	33.2	33.3	33.3
BED ELEVATION	6.05	6.07	6.08	6.09	6.05		6.66	6.07	6.06	6.07	6.08

TABLE 21.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0985, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3	6- 5	6- 7	6- 9	6-10	6-11	6-12	6-13	6-14	6-15	6-16
WATER SURFACE(1)	1310	1103	1158	1435	1411	1433	1422	1316	1341	1338	1426
LEFT BANK GAGE	6.33*	6.34*	6.41*	6.84	7.08	7.31	7.44	7.36	7.28	7.12	6.72
RIGHT BANK GAGE	6.33	6.36	6.43	6.87	7.11	7.34	7.47	7.39	7.31	7.14	6.74
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.42+	7.42+	7.42+	7.42+	7.42+	7.42+	7.42 BM	7.42 BM	7.42-	7.42-	7.42-
1	7.27+	7.27+	7.27+	7.27+	7.27+	7.27+	7.27 BM	7.28 S	7.26 S	7.26 S	7.26-
2	6.99+	6.99+	6.99+	6.99+	6.99 S	7.02 M	7.00 S	7.01 S	6.99 FS	6.95 BM	6.95 BM
3	6.92+	6.92+	6.92+	6.92+	6.92 S	6.94 S	6.93 S	6.93 S	6.94 FS	6.91 FS	6.91 FS
4	6.91+	6.91+	6.91+	6.91+	6.91 S	6.94 S	6.94 S	6.95 S	6.94 S	6.91 FS	6.91 FS
5	6.93+	6.93+	6.93+	6.93+	6.93 S	6.93 S	7.02 S	6.99 S	6.99 S	6.92 FS	6.92 FS
6	6.94+	6.94+	6.94+	6.94+	6.94 S	6.93 S	6.94 S	6.97 S	6.90 S	6.91 S	6.91 S
7	6.81+	6.81+	6.81+	6.81+	6.81 S	6.83 S	6.98 S	6.89 S	6.97 S	6.84 S	6.84 S
8	6.82+	6.82+	6.82+	6.82+	6.82 S	6.81 S	6.85 S	6.84 S	6.95 S	6.83 S	6.83 S
9	6.81+	6.81+	6.81+	6.81 S	6.76 S	6.73 S	6.85 S	6.78 S	6.93 S	6.80 S	6.80 S
10	6.69+	6.69+	6.69+	6.69 S	6.65 S	6.64 S	6.65 S	6.66 S	6.85 S	6.74 S	6.74 S
11	6.64+	6.64+	6.64+	6.69 S	6.61 S	6.56 S	6.62 S	6.71 S	6.79 S	6.61 S	6.61 S
12	6.64+	6.64+	6.64+	6.57 S	6.55 S	6.48 S	6.63 S	6.74 S	6.66 S	6.63 S	6.63 S
13	6.50-	6.50-	6.50-	6.51 S	6.41 S	6.53 S	6.54 S	6.73 S	6.58 S	6.66 S	6.66 S
14	6.38-	6.38-	6.41 FG	6.42 S	6.36 S	6.36 S	6.41 S	6.63 S	6.48 CS	6.60 S	6.60 S
15	6.29-	6.34 G	6.35 FG	6.32 S	6.34 S	6.32 S	6.33 S	6.36 S	6.47 S	6.51 S	6.51 S
16	6.30 FG	6.29 G	6.29 FG	6.25 S	6.28 S	6.22 S	6.25 S	6.54 S	6.41 S	6.45 S	6.45 S
17	6.24 FG	6.21 G	6.21 FG	6.25 S	6.31 S	6.09 S	6.24 S	6.48 S	6.35 S	6.42 S	6.42 S
18	6.14 FG	6.14 G	6.10 SG	6.15 S	6.27 CS	6.15 S	6.10 S	6.52 S	6.31 CS	6.34 S	6.34 S
19	6.10 FG	6.08 SG	6.09 SG	6.14 S	6.20 CS	6.04 G	6.21 S	6.22 S	6.25 S	6.24 S	6.24 S
20	6.03 FG	6.00 FG	6.00 SG	6.04 S	6.13 S	6.03 G	6.14 S	6.19 S	6.18 S	6.16 CS	6.16 CS
21	6.01 FG	5.98 FG	5.99 FG	5.95 S	6.05 S	6.02 G	6.14 S	6.02 S	6.08 SG	6.11 G	6.11 G
22	5.97 FG	5.96 FG	5.97 FG	5.96 S	5.96 S	6.07 G	6.16 S	6.22 CS	6.03 S	5.94 CS	5.94 CS
23	5.93 FG	5.95 FG	5.92 FG	5.90 S	5.95 S	6.14 G	5.87 S	6.18 CS	5.95 CS	5.93 G	5.93 G
24	5.88 FG	5.88 FG	5.86 FG	5.84 CS	5.88 S	5.96 G	5.79 G	5.99 CS	5.86 S	5.85 G	5.85 G
25	5.81 FG	5.80 FG	5.81 FG	5.78 CS	5.77 CS	5.85 G	5.72 G	5.76 FG	5.80 FG	5.78 FG	5.78 FG
26	5.73 FG	5.72 FG	5.72 FG	5.68 CS	5.69 CS	5.71 CG	5.61 SG	5.68 FG	5.69 FG	5.69 FG	5.69 FG
27	5.64 G	5.65 G	5.64 G	5.61 CS	5.53 SG	5.58 CG	5.54 G	5.58 G	5.59 FG	5.55 G	5.55 G
28	5.65 CG	5.65 CG	5.62 CG	5.60 G	5.59 G	5.58 CG	5.57 G	5.63 G	5.61 G	5.63 G	5.63 G
29	5.71 CG	5.70 CG	5.68 CG	5.64 G	5.60 G	5.59 CG	5.63 G	5.60 G	5.66 G	5.63 CG	5.63 CG
30	5.75 CG	5.74 CG	5.74 CG	5.72 G	5.67 G	5.67 CG	5.69 G	5.69 G	5.72 G	5.72 CG	5.72 CG
31	5.84 CG	5.85 CG	5.85 CG	5.78 G	5.75 G	5.74 CG	5.71 G	5.73 G	5.79 G	5.75 CG	5.75 CG
32	5.94 CG	5.91 CG	5.95 CG	5.86 G	5.79 G	5.86 CG	5.85 G	5.82 G	5.89 G	5.88 CG	5.88 CG
33	6.01 M	5.99 G	6.01 CG	5.99 G	5.90 G	5.92 CG	5.88 G	5.93 BM	5.96 G	5.94 CG	5.94 CG
34	6.85+	6.85+	6.85+	6.85 BM	7.01 BM	7.07 G	6.98 BM	7.07 BM	7.02 BM	6.82 BM	6.82 BM
35	7.34+	7.34+	7.34+	7.34+	7.34+	7.34 BM	7.35 BM	7.33 BM	7.33-	7.33-	7.33-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	15.7	15.0	14.0	8.5	1.7	0.9	0.0	0.7	1.0	1.7	
BED ELEVATION	6.33	6.34	6.41	6.83	7.06	7.29	7.42	7.34	7.26	7.10	
RIGHT EDGE WATER	33.2	33.1	33.3	34.0	34.3	35.0	35.6	35.2	34.9	34.6	
BED ELEVATION	6.04	6.04	6.08	6.85	7.11	7.34	7.47	7.39	7.31	7.14	

TABLE 21.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0985, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1311	6-18 1417	6-19 1145	6-20 1244	6-21 1253	6-23 1237	6-25 1207	6-27 1143	6-29 1204	7- 1 1327	7- 3 1346
WATER SURFACE(1)											
LEFT BANK GAGE	6.81	7.08	7.01	7.23	7.16	7.04	6.92	6.86	6.48	6.81	6.71
RIGHT BANK GAGE	6.82	7.12	7.02	7.27	7.18	7.07	6.94	6.88	6.49	6.84	6.72
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-
1	7.26-	7.26-	7.26-	7.21 BM	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-
2	6.95-	6.90 S	7.00 BM	7.00 CS	7.01 S	7.01 SG	7.01-	7.01-	7.01-	7.01-	7.01-
3	6.91-	6.89 S	6.92 FS	6.90 CS	6.89 S	6.88 S	6.89 S	6.89 S	6.89-	6.89-	6.89-
4	6.91-	6.88 S	6.93 FS	6.89 SG	6.91 S	6.90 S	6.91 S	6.91 S	6.91-	6.91-	6.91-
5	6.92-	6.87 S	6.94 FS	6.90 SG	6.92 S	6.90 S	6.91 S	6.91-	6.91-	6.91-	6.91-
6	6.91-	6.89 S	6.96 FS	6.90 S	6.93 S	6.91 S	6.91 S	6.91-	6.91-	6.91-	6.91-
7	6.84-	6.84 S	6.87 FS	6.85 S	6.90 S	6.85 S	6.89 S	6.89-	6.89-	6.89-	6.89-
8	6.83-	6.79 S	6.83 FS	6.82 S	6.87 S	6.84 S	6.87 S	6.87-	6.87-	6.87-	6.87-
9	6.76 CS	6.79 S	6.78 FS	6.75 S	6.87 S	6.81 S	6.81 S	6.76 S	6.76-	6.78 FS	6.78-
10	6.75 CS	6.70 S	6.71 FS	6.70 S	6.65 S	6.65 S	6.63 S	6.65 S	6.65-	6.67 S	6.68 FS
11	6.55 FS	6.59 S	6.55 S	6.53 S	6.53 S	6.50 SG	6.46 S	6.47 BM	6.44 SG	6.43 FG	6.43 SG
12	6.55 FS	6.46 S	6.47 S	6.45 S	6.47 S	6.52 S	6.41 S	6.42 SG	6.37 SG	6.38 CS	6.39 SG
13	6.54 SG	6.46 S	6.36 S	6.41 S	6.34 S	6.28 S	6.31 S	6.33 S	6.16 SG	6.24 S	6.18 S
14	6.45 SG	6.41 S	6.29 S	6.35 S	6.35 S	6.13 S	6.11 S	6.28 S	6.10 SG	6.15 S	6.10 SG
15	6.39 S	6.34 S	6.25 CS	6.28 S	6.35 S	6.12 S	6.16 S	6.18 S	6.10 S	6.15 S	6.08 SG
16	6.33 FG	6.26 S	6.24 CS	6.02 S	6.25 S	6.23 S	6.05 S	6.18 S	6.10 S	6.01 SG	6.01 SG
17	6.30 FG	6.20 S	6.19 CS	6.11 S	6.22 S	6.27 S	6.08 S	6.16 S	6.06 S	6.01 SG	6.09 SG
18	6.20 SG	6.16 S	6.29 S	6.06 S	6.26 S	6.19 S	6.14 S	6.05 SG	6.05 SG	6.02 SG	6.07 SG
19	6.13 FG	6.10 S	6.19 S	6.14 S	6.19 S	6.11 S	6.13 S	6.07 S	6.05 SG	6.05 SG	6.04 FG
20	6.09 FG	6.06 S	6.11 S	6.08 S	6.13 S	6.06 S	6.09 S	6.04 CS	6.02 SG	6.00 G	6.01 FG
21	6.05 FG	6.00 S	6.10 S	6.04 CS	6.05 S	6.05 S	6.04 G	6.06 CS	6.06 SG	6.04 G	6.04 G
22	5.99 FG	5.95 SG	6.00 CS	5.96 FG	6.06 S	6.02 SG	5.99 G	5.98 CS	6.00 SG	6.00 G	5.99 G
23	5.90 FG	5.93 SG	5.92 SG	5.88 FG	6.07 S	5.96 SG	5.95 G	5.96 FG	5.97 FG	5.95 G	5.94 G
24	5.88 FG	5.85 SG	5.86 CS	5.78 SG	5.87 FG	5.91 FG	5.88 G	5.89 FG	5.89 FG	5.91 G	5.89 G
25	5.76 G	5.79 SG	5.77 CS	5.73 CS	5.77 G	5.77 G	5.75 G	5.77 SG	5.77 FG	5.80 G	5.80 G
26	5.70 G	5.69 G	5.70 FG	5.61 SG	5.68 G	5.69 G	5.66 G	5.59 SG	5.69 FG	5.70 G	5.70 G
27	5.59 CG	5.59 G	5.57 SG	5.56 G	5.56 G	5.58 G	5.57 G	5.57 G	5.58 G	5.58 CG	5.59 G
28	5.60 CG	5.59 G	5.61 CG	5.59 G	5.61 CG	5.60 G	5.59 G	5.62 G	5.64 G	5.59 CG	5.62 CG
29	5.64 CG	5.62 G	5.68 CG	5.65 G	5.66 CG	5.66 G	5.65 G	5.68 G	5.67 G	5.69 G	5.65 CG
30	5.72 CG	5.70 G	5.72 CG	5.71 G	5.73 CG	5.72 FG	5.75 G	5.66 S	5.73 G	5.71 G	5.74 CG
31	5.79 CG	5.76 G	5.80 CG	5.79 G	5.77 CG	5.76 G	5.78 G	5.82 G	5.84 G	5.81 CG	5.84 CG
32	5.88 CG	5.85 G	5.88 CG	5.87 G	5.88 CG	5.86 G	5.88 G	5.91 G	5.90 G	5.96 CG	5.95 CG
33	5.99 CG	5.94 G	5.99 CG	5.91 G	5.98 G	5.95 BM	5.99 G	5.98 G	6.00 G	6.00 G	5.98 CG
34	6.82-	6.82 BM	6.79 BM	6.79 BM	6.80 BM	6.79 BM	6.83 BM	6.83 BM	6.83-	6.81 BM	6.81-
35	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	8.7	1.5	2.0	1.0	1.4	1.8	2.3	8.5	10.4	8.7	9.4
BED ELEVATION	6.80	7.05	7.00	7.21	7.14	7.03	6.91	6.85	6.48	6.81	6.71
RIGHT EDGE WATER	33.7	34.4	34.1	34.9	34.8	34.3	34.1	34.0	33.1	34.0	33.4
BED ELEVATION	6.82	7.12	7.02	7.27	7.18	7.07	6.94	6.83	6.07	6.81	6.72

TABLE 21.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 09B5, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1147	7- 7 1139	7- 9 1215	7-12 1316	7-16 1456	7-20 1505	7-23 1546	7-26 1106	7-29 1532	9-15 1615	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.55	6.39	6.32	6.22	6.17	6.19	6.19	6.16	6.15*	6.11	
RIGHT BANK GAGE	6.55	6.40	6.33	6.23	6.18	6.19	6.19	6.17	6.16	6.12	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42
1	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21
2	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	6.90
3	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	5.70
4	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	5.68
5	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	5.51
6	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.89
7	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	5.98
8	6.87-	6.87-	6.87-	6.87-	6.87-	6.87-	6.87-	6.87-	6.87-	6.87-	6.00
9	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.05
10	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	5.90
11	6.43 SG	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.43
12	6.38 SG	6.36 SG	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36
13	6.14 SG	6.12 SG	6.11 FG	6.15 FG	6.08 SG	6.09 SG	6.08 FG	6.11 SG	6.09 S	6.09 S	6.08
14	6.14 SG	6.07 FS	6.10 FS	6.09 FS	6.07 FS	6.06 FS	6.07 S	6.05 SG	6.05 SG	6.05 S	6.05
15	6.13 S	6.07 FS	6.09 FS	6.08 FS	6.06 FS	6.08 FS	6.04 S	6.03 SG	6.03 SG	6.05 S	5.59
16	6.05 S	6.06 FS	6.03 SG	6.03 FS	6.05 S	6.04 CS	6.05 S	6.03 SG	6.03 SG	6.03 S	5.68
17	6.05 S	6.04 S	6.02 SG	6.02 CS	6.04 CS	6.01 CS	6.03 SG	6.02 SG	6.02 SG	6.01 CS	5.51
18	6.05 S	6.04 SG	6.02 SG	6.02 CS	6.04 SG	6.02 SG	6.05 SG	6.03 SG	6.03 SG	6.02 CS	5.41
19	6.05 FG	6.06 FG	6.04 FG	6.07 CS	6.06 FG	6.06 FG	6.07 FG	6.05 FG	6.05 FG	6.08 CS	5.49
20	6.04 FG	6.02 FG	6.02 FG	6.02 FG	6.04 FG	6.01 FG	6.04 FG	6.03 FG	6.03 FG	6.02 CS	5.42
21	6.06 FG	6.05 FG	6.05 G	6.06 FG	6.06 FG	6.01 FG	6.05 G	6.05 FG	6.04 G	6.02 CS	5.61
22	6.02 FG	6.01 G	6.01 G	6.01 FG	5.99 FG	5.99 FG	6.01 G	6.02 FG	6.01 G	6.00 CS	5.58
23	5.95 FG	5.96 G	5.95 G	5.94 FG	5.96 FG	5.97 FG	5.97 G	5.96 FG	5.95 FG	5.95 CS	5.68
24	5.89 FG	5.89 G	5.91 G	5.91 FG	5.90 FG	5.89 FG	5.90 FG	5.90 FG	5.90 FG	5.90 CS	5.64
25	5.81 FG	5.78 G	5.79 G	5.81 FG	5.77 FG	5.79 FG	5.78 G	5.79 FG	5.78 FG	5.81 CS	5.66
26	5.67 CG	5.69 G	5.69 G	5.70 G	5.70 G	5.70 G	5.69 G	5.68 FG	5.68 FG	5.69 S	5.57
27	5.56 CG	5.59 CG	5.60 CG	5.60 CG	5.59 CG	5.59 CG	5.60 CG	5.61 CG	5.62 CG	5.67 SG	5.32
28	5.62 CG	5.61 CG	5.63 CG	5.62 CG	5.59 CG	5.61 CG	5.62 CG	5.64 CG	5.64 CG	5.61 G	5.56
29	5.67 CG	5.67 CG	5.70 CG	5.69 CG	5.67 CG	5.69 CG	5.67 CG	5.66 CG	5.67 CG	5.58 G	5.58
30	5.72 CG	5.74 CG	5.73 CG	5.73 CG	5.74 CG	5.72 CG	5.76 CG	5.74 CG	5.73 CG	5.72 G	5.66
31	5.84 CG	5.85 CG	5.83 CG	5.84 CG	5.84 CG	5.86 CG	5.87 CG	5.85 SG	5.83 CG	5.82 G	5.71
32	5.93 CG	5.96 CG	5.95 CG	5.94 CG	5.95 CG	5.96 CG	5.97 CG	5.94 CG	5.94 CG	5.92 G	5.79
33	5.98 CG	6.00 G	6.00 CG	6.01 G	5.97 SG	6.01 SG	5.99 SG	5.98 CG	6.01 SG	5.96 M	5.88
34	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.79
35	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	10.4	11.8	12.3	12.5	12.7	12.6	12.6	12.7	12.8	12.9	
BED ELEVATION	6.55	6.38	6.32	6.22	6.17	6.19	6.19	6.16	6.14	6.11	
RIGHT EDGE WATER	33.2	33.3	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.2	
BED ELEVATION	6.03	6.07	6.03	6.06	6.06	6.06	6.06	6.05	6.04	6.02	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 22.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1038, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1220	5-14 1432	5-16 1145	5-19 1215	5-21 1253	5-22 1750	5-24 1721	5-27 1315	5-28 1231	5-30 1147	6-1 1139
WATER SURFACE(1)											
LEFT BANK GAGE	6.42	6.36	6.29*	6.35	6.62	6.93	7.25	6.53	6.47*	6.35*	6.33*
RIGHT BANK GAGE	6.43	6.37	6.30	6.36	6.64	6.95	7.26	6.54	6.49	6.37	6.35
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.05+	7.05+	7.05+	7.05+	7.05+	7.05+	7.05 BM	7.05-	7.05-	7.05-	7.05-
1	6.57+	6.57+	6.57+	6.57+	6.57 BM	6.70 BM	6.73 S	6.73-	6.73-	6.73-	6.73-
2	6.47+	6.47+	6.47+	6.47+	6.47 FS	6.55 S	6.73 S	6.73-	6.73-	6.73-	6.73-
3	6.41 CS	6.41-	6.41-	6.41-	6.41 SG	6.53 S	6.64 S	6.53 S	6.53-	6.53-	6.53-
4	6.31 SG	6.32 FG	6.32-	6.32 FG	6.33 SG	6.49 S	6.55 S	6.38 S	6.37 FS	6.37-	6.37-
5	6.32 SG	6.33 FG	6.33-	6.33 FG	6.33 SG	6.38 S	6.47 S	6.32 S	6.32 FS	6.33 S	6.30 CS
6	6.29 SG	6.30 FG	6.29 SG	6.30 FG	6.25 SG	6.33 S	6.26 S	6.16 S	6.15 FS	6.15 FS	6.13 FS
7	6.19 SG	6.21 FG	6.20 SG	6.20 FG	6.17 SG	6.24 S	6.05 S	6.05 S	6.04 FS	6.03 FS	6.03 FS
8	6.11 SG	6.13 SG	6.13 SG	6.11 FG	6.13 SG	6.13 S	5.76 S	5.88 S	5.88 FS	5.90 FS	5.86 S
9	6.05 CS	6.10 SG	6.16 SG	6.04 FG	6.07 SG	6.03 S	5.72 S	5.81 S	5.75 FS	5.75 FS	5.74 S
10	6.00 CS	5.98 S	5.99 SG	5.96 FG	5.89 S	5.94 S	5.46 S	5.73 S	5.62 S	5.66 FS	5.66 S
11	5.71 CS	5.81 S	5.81 S	5.82 S	5.84 S	5.84 S	5.26 S	5.60 S	5.58 S	5.58 S	5.57 S
12	5.64 CS	5.74 S	5.65 S	5.68 S	5.82 S	5.82 S	5.21 S	5.48 S	5.50 S	5.47 S	5.46 S
13	5.62 CS	5.71 S	5.71 S	5.57 S	5.79 S	5.73 S	5.21 S	5.35 S	5.36 S	5.36 S	5.36 S
14	5.59 S	5.65 S	5.62 S	5.70 S	5.68 S	5.62 S	5.27 SG	5.31 G	5.29 HB	5.33 CG	5.33 CG
15	5.55 S	5.58 S	5.60 S	5.70 S	5.60 S	5.45 S	5.34 G	5.38 G	5.38 G	5.38 CG	5.39 CG
16	5.48 CG	5.54 S	5.52 S	5.60 S	5.64 S	5.46 S	5.46 CG	5.47 G	5.47 G	5.48 CG	5.49 CG
17	5.62 CG	5.64 G	5.62 CG	5.61 S	5.59 S	5.54 S	5.56 SG	5.62 G	5.59 G	5.64 CG	5.65 CG
18	5.80 CG	5.88 G	5.78 CG	5.83 S	5.76 SG	5.75 FG	5.76 FG	5.92 G	5.81 G	5.88 CG	5.88 CG
19	6.11 CG	6.06 G	6.07 CG	6.08 G	5.97 G	6.03 FG	6.01 FG	6.07 G	6.06 G	6.07 CG	6.12 CG
20	6.21 CG	6.22 G	6.18 CG	6.23 G	6.13 G	6.17 G	6.24 FG	6.22 G	6.22 CG	6.22	6.21 CG
21	6.36 CG	6.37 G	6.37-	6.37-	6.43 G	6.39 G	6.44 FG	6.40 G	6.39 CG	6.39-	6.39-
22	6.72+	6.72+	6.72+	6.72+	6.72+	6.72 BM	6.74 G	6.74-	6.74-	6.74-	6.74-
23	7.05+	7.05+	7.05+	7.05+	7.05+	7.05+	7.05 BM	7.05-	7.05-	7.05-	7.05-
24	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.9	3.5	6.0	3.8	0.9	0.2	< 0.0	3.0	3.4	4.1	4.4
BED ELEVATION	6.42	6.36	6.29	6.35	6.62	6.93		6.53	6.47	6.35	6.33
RIGHT EDGE WATER	21.1	21.0	20.6	20.9	21.9	22.8	23.5	21.3	21.3	20.9	20.9
BED ELEVATION	6.43	6.37	6.30	6.36	6.64	6.95	7.26	6.54	6.49	6.37	6.34

TABLE 22.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1038, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1306	6- 5 1059	6- 7 1146	6- 9 1400	6-10 1402	6-11 1355	6-12 1350	6-13 1214	6-14 1143	6-15 1358	6-16 1038
WATER SURFACE(1)											
LEFT BANK GAGE	6.34*	6.37*	6.45*	6.87	7.11	7.32	7.47	7.41	7.30	7.14	6.76
RIGHT BANK GAGE	6.35	6.38	6.46	6.90	7.13	7.36	7.53	7.43	7.33	7.15	6.77
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.05-	7.05-	7.05-	7.05-	7.08 BM	7.10 BM	7.06 BM	7.06 BM	7.10 BM	7.05 BM	
1	6.73-	6.73-	6.73-	6.71 FS	6.72 BM	6.77 BM	6.67 FS	6.64 BM	6.65 FS	6.72 BM	
2	6.73-	6.73-	6.73-	6.75 FS	6.68	6.64 FS	6.61 FS	6.47	6.45 FS	6.37	
3	6.53-	6.53-	6.53-	6.57 S	6.60	6.68	6.63	6.50	6.27	6.20	
4	6.37-	6.36 S	6.37 M	6.36 S	6.59 S	6.64 S	6.69 S	6.37 S	6.15 S	6.19 S	
5	6.30 S	6.30 S	6.30 FS	6.34 S	6.51 S	6.36 S	6.57 S	6.14 FS	5.95 S	6.06 S	
6	6.15 S	6.12 S	6.15 S	6.16 S	6.41 S	6.39 S	6.39 S	6.05 S	5.97 S	5.88 S	
7	6.06 S	6.06 S	6.05 S	6.12 S	6.14 S	6.30 S	6.25 S	6.06 S	5.78 S	5.70 S	
8	5.90 S	5.87 S	5.90 S	6.01 S	5.91 S	6.22 S	5.82 S	5.66 S	5.72 S	5.66 S	
9	5.75 S	5.77 S	5.73 S	5.96 S	5.62 S	6.12 S	5.67 S	5.47 S	5.54 S	5.52 S	
10	5.66 S	5.67 S	5.65 S	5.72 S	5.72 S	5.98 S	5.50 S	5.35 S	5.39 S	5.35 S	
11	5.55 S	5.56 S	5.55 S	5.59 S	5.66 S	5.65 S	5.20 S	5.23 S	5.23 S	5.23 S	
12	5.47 S	5.47 S	5.45 S	5.52 S	5.61 S	5.71 S	5.25 S	5.19 S	5.16 S	5.10 S	
13	5.37 S	5.36 S	5.33 S	5.34 S	5.43 S	5.47 S	5.23 S	5.32 S	5.22 S	5.25 S	
14	5.31 CG	5.29 G	5.30 G	5.28 G	5.29 G	5.28 S	5.29 SG	5.29 G	5.32 G	5.27 G	
15	5.38 CG	5.39 G	5.37 G	5.38 S	5.33 G	5.33 S	5.36 S	5.39 S	5.40 G	5.35 G	
16	5.50 CG	5.50 CG	5.47 S	5.46 S	5.47 S	5.43 S	5.45 S	5.39 S	5.46 G	5.44 G	
17	5.64 CG	5.65 CG	5.59 S	5.58 S	5.61 S	5.64 S	5.59 S	5.57 S	5.57 S	5.53 S	
18	5.86 CG	5.92 CG	5.81 S	5.77 S	5.80 S	5.86 S	5.70 S	5.67 S	5.81 S	5.72 S	
19	6.09 CG	6.10 CG	6.06 G	5.99 G	6.04 G	6.03 G	6.01 G	6.03 G	6.01 G	5.97 G	
20	6.21 CG	6.21 CG	6.19 G	6.17 G	6.18 G	6.18 G	6.17 G	6.14 G	6.16 G	6.15 SG	
21	6.35 CG	6.38 CG	6.45 S	6.37 G	6.38 G	6.29 G	6.41 G	6.29 G	6.40 G	6.44 SG	
22	6.74-	6.74-	6.74-	6.77 G	6.69 G	6.58 BM	6.72 G	6.63 BM	6.72 BM	6.72 BM	
23	7.05-	7.05-	7.05-	7.05-	7.03 S	7.03 BM	7.04 G	7.09 BM	7.08 BM	7.03 BM	
24	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38 BM	7.33 BM	7.33-	7.33-	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	4.3	3.8	3.4	0.3	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	
BED ELEVATION	6.34	6.37	6.45	6.87							
RIGHT EDGE WATER	21.0	21.0	21.1	22.6	23.2	23.8	24.2	24.4	23.6	23.3	
BED ELEVATION	6.35	6.38	6.46	6.90	7.13	7.36	7.54	7.44	7.33	7.15	

TABLE 22.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1038, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1302	6-18 1350	6-19 1115	6-20 1154	6-21 1211	6-23 1220	6-25 1225	6-27 1200	6-29 1212	7- 1 1317	7- 3 1332
WATER SURFACE(1)											
LEFT BANK GAGE	6.83	7.09	7.03	7.23	7.17	7.06	6.93	6.87	6.50	6.84	6.73
RIGHT BANK GAGE	6.85	7.12	7.05	7.26	7.19	7.09	6.96	6.89	6.51	6.86	6.75
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.05-	7.05 BM	7.05-	7.05 BM	7.05 BM	7.06 BM	7.06-	7.06-	7.06-	7.06-	7.06-
1	6.70 S	6.58 BM	6.71 S	6.62 BM	6.69 BM	6.69 BM	6.78 BM	6.73 BM	6.73-	6.70 BM	6.70 BM
2	6.42 S	6.40 S	6.41 FS	6.40 FS	6.55 S	6.57 BM	6.62 S	6.55 S	6.55-	6.62 FS	6.61 FS
3	6.26 S	6.28 S	6.42 FS	6.38 FS	6.42 S	6.42 S	6.43 SG	6.38 CS	6.39 SG	6.41 CS	6.40 SG
4	6.15 S	6.22 S	6.38 FS	6.26 S	6.29 S	6.26 S	6.36 CS	6.25 CS	6.22 SG	6.24 SG	6.31 S
5	6.12 S	6.13 S	6.19 S	6.15 S	6.18 S	6.16 S	6.08 S	6.10 S	6.12 SG	6.12 SG	6.23 S
6	5.97 S	6.02 S	6.08 CS	5.99 FS	6.06 S	5.94 S	6.10 S	6.06 FS	5.98 SG	5.95 S	6.14 S
7	5.89 S	5.98 S	5.97 S	5.86 FS	5.94 S	5.85 S	6.03 S	5.95 FS	5.90 FS	5.97 S	5.95 CS
8	5.67 S	5.87 S	5.79 S	5.74 S	5.80 S	5.77 S	5.90 S	5.80 FS	5.85 FS	5.75 S	5.77 CS
9	5.66 S	5.70 S	5.66 S	5.66 S	5.58 S	5.66 S	5.79 S	5.78 FS	5.79 S	5.68 S	5.74 S
10	5.52 S	5.47 S	5.55 S	5.44 S	5.68 S	5.47 S	5.65 S	5.60 FS	5.59 FG	5.56 S	5.56 S
11	5.34 S	5.31 S	5.44 S	5.27 S	5.48 S	5.43 S	5.52 S	5.49 SG	5.43 CS	5.44 S	5.43 CS
12	5.21 G	5.22 S	5.32 S	5.12 S	5.31 S	5.27 S	5.44 S	5.41 S	5.37 S	5.34 S	5.35 CS
13	5.25 G	5.21 G	5.22 G	5.25 G	5.19 SG	5.24 G	5.25 G	5.20 G	5.22 G	5.22 CG	5.21 G
14	5.29 G	5.27 G	5.30 G	5.30 G	5.29 CG	5.28 G	5.32 G	5.29 G	5.29 G	5.27 CG	5.24 CG
15	5.36 G	5.30 G	5.37 G	5.34 G	5.37 CG	5.36 G	5.36 G	5.33 G	5.39 G	5.35 G	5.35 CG
16	5.44 G	5.38 G	5.46 G	5.46 G	5.39 CG	5.45 G	5.43 G	5.44 G	5.49 G	5.46 CG	5.44 CG
17	5.59 G	5.57 G	5.62 CG	5.56 G	5.57 CG	5.57 G	5.60 G	5.58 G	5.61 G	5.62 G	5.61 CG
18	5.68 G	5.66 SG	5.83 CG	5.83 G	5.77 G	5.88 SG	5.73 FG	5.79 S	5.85 SG	5.84 S	5.75 SG
19	6.03 G	5.98 SG	6.09 CG	6.03 G	6.04 CG	6.04 G	6.01 G	6.04 G	6.03 FS	6.05 G	6.03 CG
20	6.20 G	6.12 G	6.21 CG	6.15 G	6.18 G	6.13 G	6.19 G	6.19 G	6.21 FS	6.18 G	6.22 SG
21	6.40 G	6.20 G	6.41 CG	6.35 G	6.39 G	6.40 G	6.44 G	6.40 G	6.38 SG	6.38 SG	6.42 SG
22	6.74 G	6.78 BM	6.74 G	6.73 G	6.71 G	6.75 FS	6.73 BM	6.79 BM	6.79-	6.74 BM	6.75 BM
23	7.03-	7.03 BM	7.02 G	7.02 G	7.01 G	7.05 FS	7.05-	7.05-	7.05-	7.05-	7.05-
24	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.4	< 0.0	0.1	< 0.0	< 0.0	0.0	0.2	0.5	2.3	0.5	0.9
BED ELEVATION	6.83		7.03			7.06	6.93	6.87	6.50	6.84	6.73
RIGHT EDGE WATER	22.4	23.2	23.1	23.6	23.5	23.1	22.8	22.4	21.6	22.4	22.0
BED ELEVATION	6.85	7.13	7.05	7.26	7.20	7.09	6.96	6.89	6.51	6.86	6.75

TABLE 22.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1038, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1154	7- 7 1130	7- 9 1224	7-12 1230	7-16 1450	7-20 1502	7-23 1543	7-26 1103	7-29 1525	9-15 1540	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.56	6.40	6.33*	6.23*	6.18*	6.19*	6.20*	6.17*	6.15*	6.12*	
RIGHT BANK GAGE	6.57	6.41	6.34	6.24	6.19	6.20	6.21	6.18	6.16	6.13	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.05
1	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.57
2	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	5.17
3	6.37 SG	6.38 SG	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	5.91
4	6.35 SG	6.36 SG	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	6.36-	5.87
5	6.35 FG	6.34 SG	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	5.78
6	6.32 FG	6.32 SG	6.32 FG	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	5.40
7	6.23 FG	6.23 SG	6.21 SG	6.22 SG	6.22-	6.22-	6.22-	6.22-	6.22-	6.22-	5.32
8	6.10 CS	6.09 SG	6.08 SG	6.06 CS	6.08 SG	6.07 CS	6.08 FS	6.06 SG	6.05 CS	6.10 S	5.21
9	5.97 S	5.93 S	5.92 FS	5.91 FS	5.90 FS	5.90 FS	5.90 FS	5.90 S	5.90 S	5.92 S	5.15
10	5.80 S	5.83 S	5.82 FS	5.80 S	5.81 FS	5.80 S	5.79 S	5.79 S	5.81 S	5.82 S	5.04
11	5.68 S	5.71 S	5.70 S	5.70 S	5.70 S	5.69 S	5.69 FS	5.68 S	5.68 S	5.69 S	5.01
12	5.55 S	5.60 S	5.61 S	5.60 S	5.58 S	5.59 S	5.58 FS	5.58 S	5.60 S	5.59 S	5.07
13	5.44 S	5.50 S	5.48 S	5.50 S	5.48 S	5.48 S	5.49 S	5.48 S	5.49 S	5.46 S	5.19
14	5.27 CG	5.34 FG	5.32 CG	5.31 CG	5.28 SG	5.30 CG	5.32 CG	5.31 G	5.29 CG	5.30 S	5.24
15	5.37 CG	5.38 CG	5.40 CG	5.40 CG	5.39 CG	5.40 CG	5.39 CG	5.38 CG	5.41 CG	5.39 SG	5.30
16	5.47 CG	5.49 CG	5.48 CG	5.49 CG	5.49 CG	5.49 CG	5.49 CG	5.48 CG	5.49 CG	5.47 SG	5.38
17	5.57 CG	5.62 CG	5.62 G	5.63 CG	5.65 CG	5.61 CG	5.63 CG	5.63 CG	5.63 CG	5.63 SG	5.53
18	5.79 CG	5.87 G	5.87 CG	5.87 G	5.88 G	5.88 CG	5.87 CG	5.86 G	5.87 CG	5.83 SG	5.66
19	6.05 CG	6.08 G	6.04 CG	6.09 CG	6.07 CG	6.04 CG	6.07 CG	6.06 CG	6.06 CG	6.08 SG	5.97
20	6.19 G	6.19 G	6.20 G	6.21	6.19 SG	6.20 CG	6.20 CG	6.20-	6.20-	6.20-	6.12
21	6.41 SG	6.38 CG	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.20
22	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.58
23	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.01
24	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.2	2.6	5.4	6.9	7.4	7.2	7.1	7.4	7.4	7.8	
BED ELEVATION	6.56	6.40	6.33	6.23	6.18	6.19	6.20	6.17	6.15	6.12	
RIGHT EDGE WATER	21.7	21.2	20.9	20.4	20.0	20.0	20.1	19.9	19.9	19.6	
BED ELEVATION	6.57	6.41	6.34	6.24	6.19	6.20	6.21	6.18	6.16	6.13	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 23.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1077, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1213	5-14 1350	5-16 1145	5-19 1202	5-21 1233	5-22 1745	5-24 1710	5-27 1309	5-28 1216	5-30 1146	6-1 1137
WATER SURFACE(1)											
LEFT BANK GAGE	6.46	6.41	6.32	6.39	6.67	6.98	7.29	6.54	6.50	6.37	6.35
RIGHT BANK GAGE	6.45	6.40	6.32	6.38	6.67	6.97	7.28*	6.54	6.50	6.36	6.35
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+
1	7.18+	7.18+	7.18+	7.18+	7.18+	7.18+	7.18 BM	7.18-	7.18-	7.18-	7.18-
2	7.09+	7.09+	7.09+	7.09+	7.09+	7.09+	7.09 BM	7.09-	7.09-	7.09-	7.09-
3	7.01+	7.01+	7.01+	7.01+	7.01+	7.01+	7.01 BM	7.01-	7.01-	7.01-	7.01-
4	5.73 SG	5.76 BM	5.73 BM	5.79 BM	5.78 BM	5.81 BM	5.83 S	5.81 G	5.80 FG	5.80 M	5.81 G
5	5.89 SG	5.90 G	5.90 SG	5.86 CS	5.83 SG	5.86 CS	5.83 SG	5.93 FG	5.92 SG	5.91 M	5.93 G
6	6.01 SG	6.00 G	6.00 SG	5.99 CS	5.97 SG	6.07 CS	5.90 SG	5.88 FG	5.91 SG	5.87 FG	5.93 FG
7	6.06 SG	6.07 G	6.06 SG	6.06 CS	6.03 S	6.15 CS	5.90 SG	5.86 FG	5.85 FG	5.85 FG	5.87 FG
8	6.10 FG	6.10 G	6.10 SG	6.13 CS	6.09 S	6.11 S	5.89 SG	5.88 FG	5.88 FG	5.88 SG	5.89 SG
9	6.13 FG	6.10 G	6.11 SG	6.13 CS	6.09 S	6.10 S	5.80 S	5.88 CS	5.87 CS	5.88 SG	5.88 SG
10	6.11 FG	6.10 G	6.11 SG	6.10 CS	6.07 S	5.98 S	5.75 S	5.84 CS	5.81 CS	5.78 SG	5.82 SG
11	6.07 FG	6.09 G	6.10 SG	6.09 CS	6.03 S	6.03 FS	5.74 S	5.76 FG	5.74 FG	5.73 SG	5.73 SG
12	6.06 SG	6.07 G	6.08 SG	6.06 CS	6.03 S	6.06 S	5.68 S	5.70 FG	5.65 S	5.69 CS	5.70 SG
13	6.10 SG	6.04 G	6.05 SG	6.04 CS	6.03 S	6.08 S	5.75 S	5.71 FG	5.65 S	5.67 CS	5.65 S
14	6.11 SG	6.05 SG	6.04 SG	6.05 CS	6.01 S	6.04 FS	5.62 S	5.63 S	5.67 S	5.66 S	5.64 S
15	5.91 CS	6.03 CS	6.02 S	6.00 CS	5.99 S	6.07 FS	5.61 S	5.65 S	5.64 FS	5.65 S	5.62 S
16	6.02 S	6.09 CS	5.98 S	5.98 S	5.97 S	5.89 S	5.64 S	5.66 S	5.61 FS	5.62 FS	5.68 S
17	6.02 S	5.90 CS	6.00 S	5.96 S	6.05 S	5.78 S	5.70 S	5.66 S	5.62 FS	5.64 S	5.66 S
18	5.83 S	5.98 S	6.02 S	5.95 FS	5.97 S	5.81 S	5.70 S	5.69 S	5.69 FS	5.66 FS	5.70 S
19	6.03 S	6.02 S	5.97 S	6.00 FS	5.89 S	5.88 FS	5.76 S	5.76 S	5.77 FS	5.77 FS	5.74 S
20	5.98 S	6.02 S	5.95 S	5.96 FS	5.99 S	5.81 FS	5.82 S	5.81 S	5.82 FS	5.82 FS	5.83 S
21	5.99 S	6.00 S	5.98 S	5.96 FS	5.95 S	5.79 FS	5.87 S	5.88 FS	5.87 FS	5.87 FS	5.88 S
22	6.02 S	6.00 S	6.02 S	5.96 FS	6.01 S	5.94 FS	5.87 S	5.88 FS	5.90 FS	5.87 FS	5.88 FS
23	6.01 S	6.02 S	6.03 S	6.06 FS	6.04 S	6.02 FS	5.95 S	5.95 FS	5.94 FS	5.94 FS	5.95 FS
24	5.99 S	6.00 S	6.00 S	6.01 FS	6.01 M	5.99 M	5.98 S	6.02 FS	6.00 FS	6.00 FS	6.02 FS
25	5.97 S	5.99 FS	5.99 S	6.00 FS	5.99 BM	6.00 M	6.05 S	6.07 M	6.07 FS	6.04 FS	6.05 FS
26	6.17 FS	6.19	6.20 S	6.22 BM	6.21 BM	6.20 BM	6.20 BM	6.22 M	6.22 FS	6.23 FS	6.23 FS
27	6.61+	6.61+	6.61+	6.61+	6.61 BM	6.61 BM	6.61-	6.61-	6.61-	6.61-	6.61-
28	6.61+	6.61+	6.61+	6.61+	6.61 BM	6.59 BM	6.59-	6.59-	6.59-	6.59-	6.59-
29	6.52+	6.52+	6.52+	6.52+	6.52 BM	6.51 BM	6.51-	6.51-	6.51-	6.51-	6.51-
30	6.37+	6.37+	6.37+	6.37+	6.37 BM	6.37 BM	6.37-	6.37-	6.37-	6.37-	6.37-
31	6.88+	6.88+	6.88+	6.88+	6.88+	6.88+	6.88+	6.88+	6.88+	6.88+	6.88+
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.6	3.8	3.8	3.9	3.8	3.2	1.0	3.7	3.8	3.7	3.8
BED ELEVATION	5.78	5.79	5.81	5.86	6.67	6.98	7.18	5.82	5.81	5.86	5.81
RIGHT EDGE WATER	26.2	26.1	26.1	26.0	30.3	>31.0	>31.0	26.1	26.1	26.2	26.2
BED ELEVATION	6.27	6.20	6.32	6.22	6.67			6.25	6.22	6.23	6.27

TABLE 23.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1077, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3	6- 5	6- 7	6- 9	6-10	6-11	6-12	6-13	6-14	6-15	6-16
WATER SURFACE(1)	1217	1003	1135	1400	1355	1401	1440	1220	1116	1335	1422
LEFT BANK GAGE	6.36	6.38	6.46	6.91	7.15	7.39	7.55	7.48	7.34	7.16	6.77
RIGHT BANK GAGE	6.36	6.38	6.46	6.90	7.15	7.37	7.52	7.45	7.32	7.16	6.77
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.38+	7.38+	7.38+	7.38+	7.38+	7.38	7.43	7.43	7.43	7.43	7.43
1	7.18-	7.18-	7.18-	7.18-	7.18-	7.28	7.30	7.30	7.28	7.28	7.28
2	7.09-	7.09-	7.09-	7.09-	7.09-	7.17	7.21	7.20	7.15	7.15	7.15
3	7.01-	7.01-	7.01-	7.01-	7.03	7.02	7.09	7.16	7.10	7.04	BM
4	5.81	5.79	5.82	5.82	5.78	5.79	5.83	5.87	5.72	5.68	S
5	5.92	5.92	5.88	5.86	5.87	5.88	5.75	5.70	5.68	5.67	G
6	5.86	5.87	5.94	5.90	5.94	5.90	5.75	5.71	5.69	5.66	G
7	5.86	5.85	5.85	5.92	5.97	5.94	5.83	5.75	5.64	5.66	G
8	5.88	5.88	5.87	5.87	5.94	5.96	5.85	5.77	5.59	5.63	SG
9	5.87	5.88	5.86	5.93	6.02	5.92	5.82	5.78	5.59	5.60	S
10	5.80	5.79	5.78	5.99	6.04	5.83	5.80	5.78	5.53	5.46	SG
11	5.75	5.75	5.71	6.03	5.85	5.85	5.79	5.84	5.53	5.46	S
12	5.69	5.69	5.66	6.06	5.82	5.80	5.77	5.67	5.61	5.63	S
13	5.66	5.66	5.81	6.09	5.85	5.76	5.74	5.56	5.63	5.46	S
14	5.64	5.79	5.95	6.11	5.91	5.66	5.60	5.57	5.51	5.34	S
15	5.85	5.98	6.04	6.04	5.82	5.75	5.69	5.65	5.50	5.38	S
16	5.99	6.04	6.03	5.93	6.03	5.68	5.77	5.66	5.50	5.45	S
17	5.97	6.08	6.04	5.95	6.04	5.56	5.78	5.64	5.59	5.55	S
18	6.03	5.96	6.06	5.91	5.97	5.62	5.73	5.70	5.64	5.66	S
19	5.94	6.06	6.05	5.95	5.95	5.78	5.61	5.69	5.63	5.70	S
20	5.86	5.89	5.98	6.00	5.85	5.77	5.79	5.74	5.72	5.69	S
21	5.87	5.85	5.88	5.99	5.80	5.85	5.89	5.75	5.75	5.75	S
22	5.88	5.87	5.86	5.93	5.84	5.85	5.81	5.77	5.82	5.79	S
23	5.94	5.93	5.95	5.91	5.90	5.87	5.75	5.82	5.82	5.82	S
24	6.01	6.00	5.98	5.99	5.95	5.96	6.01	5.95	5.91	5.93	S
25	6.06	6.06	6.04	6.05	6.05	6.06	6.11	6.14	6.08	6.07	S
26	6.22	6.22	6.23	6.19	6.24	6.24	6.19	6.19	6.20	6.18	S
27	6.61-	6.61-	6.61-	6.59	6.61	6.61	6.59	6.58	6.58	6.59	BM
28	6.59-	6.59-	6.59-	6.59	6.60	6.60	6.51	6.54	6.54	6.54	BM
29	6.51-	6.51-	6.51-	6.51	6.50	6.50	6.47	6.48	6.48	6.48	BM
30	6.37-	6.37-	6.37-	6.27	6.35	6.35	6.30	6.31	6.31	6.31	BM
31	6.88+	6.88+	6.88+	6.88	6.88	6.88	6.88	6.88	6.88	6.88	BM
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.6	3.7	3.8	3.5	2.7	< 0.0	< 0.0	< 0.0	0.4	2.6	
BED ELEVATION	5.81	5.85	5.82	6.91	7.15				7.34	7.16	
RIGHT EDGE WATER	26.2	26.1	26.2	>31.0	>31.0	>31.0	>31.0	>31.0	>31.0	>31.0	
BED ELEVATION	6.24	6.25	6.23								

TABLE 23.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1077, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1220	6-18 1511	6-19 1132	6-20 1150	6-21 1219	6-23 1123	6-25 1325	6-27 1250	6-29 1308	7- 1 1307	7- 3 1318
WATER SURFACE(1)											
LEFT BANK GAGE	6.85	7.14	7.05	7.26	7.20	7.08	6.96	6.91	6.50	6.86	6.77
RIGHT BANK GAGE	6.85	7.14	7.05	7.26	7.20	7.08	6.96	6.90	6.51	6.86	6.74
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-
1	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-
2	7.15-	7.15-	7.15-	7.10 BM	7.17 BM	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-
3	7.04-	7.04 BM	7.05 BM	7.09 BM	7.03 BM	7.03 BM	7.03 BM	7.03-	7.03-	7.03-	7.03-
4	5.71 G	5.72 G	5.73 G	5.75 G	5.73 G	5.77 BM	5.74 BM	5.70 FG	5.70 S	5.78 S	5.75 G
5	5.73 G	5.69 G	5.70 G	5.69 G	5.70 G	5.70 G	5.71 G	5.69 G	5.72 G	5.77 G	5.75 G
6	5.71 G	5.64 FG	5.66 SG	5.72 G	5.73 FG	5.77 FG	5.78 G	5.80 G	5.80 FG	5.83 G	5.88 FG
7	5.73 G	5.69 FG	5.75 S	5.81 G	5.80 FG	5.81 FG	5.85 FG	5.84 G	5.87 FG	5.86 FG	5.94 FG
8	5.68 G	5.62 FG	5.76 S	5.84 SG	5.80 CS	5.80 CS	5.82 FG	5.87 G	5.90 FG	5.91 FG	6.00 FG
9	5.65 S	5.53 S	5.80 S	5.86 S	5.79 CS	5.78 S	5.88 S	5.92 S	5.98 FG	5.98 CS	5.95 FG
10	5.67 S	5.43 S	5.80 S	5.81 S	5.70 S	5.74 S	5.86 CS	6.00 S	6.02 FG	6.03 S	5.99 CS
11	5.63 S	5.52 S	5.67 S	5.76 S	5.65 S	5.68 S	5.85 S	5.93 S	6.02 FG	6.13 S	5.88 FG
12	5.48 S	5.49 S	5.55 S	5.80 S	5.62 S	5.71 S	5.86 S	5.82 S	5.98 S	6.18 S	6.03 S
13	5.42 S	5.52 S	5.55 S	5.78 G	5.50 S	5.65 S	5.74 S	5.90 S	6.03 S	6.24 S	5.95 S
14	5.35 S	5.44 S	5.53 S	5.60 S	5.38 S	5.52 S	5.57 S	5.71 FS	5.93 S	6.08 S	6.10 S
15	5.38 S	5.39 S	5.42 S	5.46 S	5.41 S	5.54 S	5.53 S	5.57 FS	5.87 S	6.01 S	5.99 S
16	5.48 S	5.32 S	5.37 S	5.42 S	5.28 S	5.49 S	5.54 S	5.63 FS	5.74 S	6.02 S	6.10 S
17	5.49 S	5.40 S	5.34 S	5.32 S	5.38 S	5.38 S	5.38 S	5.52 FS	5.67 S	6.04 S	6.07 S
18	5.60 S	5.58 S	5.47 S	5.48 S	5.43 S	5.45 S	5.50 S	5.53 S	5.55 S	5.72 S	5.99 S
19	5.68 S	5.66 S	5.67 S	5.62 S	5.58 S	5.55 S	5.54 S	5.59 S	5.59 S	5.74 S	5.92 S
20	5.71 S	5.72 S	5.73 S	5.72 S	5.70 S	5.60 S	5.67 S	5.63 S	5.61 S	5.69 FS	5.92 S
21	5.75 S	5.76 FS	5.76 S	5.77 S	5.73 S	5.76 S	5.78 S	5.75 S	5.70 S	5.73 FS	5.95 S
22	5.80 S	5.79 FS	5.78 M	5.78 S	5.80 S	5.85 S	5.86 S	5.86 M	5.83 S	5.76 FS	5.72 S
23	5.84 S	5.84 FS	5.83 M	5.86 S	5.88 S	5.89 S	5.88 M	5.87 M	5.89 FS	5.87 FS	5.76 S
24	5.93 S	5.93 FS	5.94 M	5.92 S	5.95 S	5.94 S	5.93 S	5.92 M	5.93 FS	5.95 FS	5.91 S
25	6.05 S	6.07 FS	6.08 M	6.09 FS	6.08 S	6.05 S	6.05 S	6.05 M	6.08 FS	6.06 FS	6.03 FS
26	6.21 S	6.20 S	6.20 M	6.22 FS	6.20 S	6.18 BM	6.23 BM	6.19 BM	6.23 BM	6.18 FS	6.21 FS
27	6.57 BM	6.57-	6.60 BM	6.61 BM	6.60 BM	6.58 BM	6.58-	6.49 BM	6.49-	6.57 BM	6.58 BM
28	6.53 BM	6.53-	6.53 BM	6.58 BM	6.59 BM	6.54 BM	6.54-	6.56 BM	6.56-	6.53 BM	6.51 BM
29	6.47 BM	6.47-	6.47 BM	6.49 BM	6.50 BM	6.48 BM	6.48-	6.48 BM	6.48-	6.46 BM	6.46 BM
30	6.31 BM	6.31-	6.32 BM	6.33 BM	6.33 BM	6.36 BM	6.36-	6.27 BM	6.27-	6.30 BM	6.28 BM
31	6.85 BM	6.85-	6.87 BM	6.87 BM	6.88 BM	6.84 BM	6.84-	6.84-	6.84-	6.85 BM	6.85-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.5	2.7	3.0	1.2	1.5	2.8	3.2	3.6	3.8	3.4	3.5
BED ELEVATION	6.85	7.14	7.05	7.25	7.20	7.07	6.96	6.88	5.78	6.86	6.77
RIGHT EDGE WATER	31.0	>31.0	>31.0	>31.0	>31.0	>31.0	>31.0	>31.0	26.0	31.0	30.7
BED ELEVATION	6.85								6.23	6.85	6.74

TABLE 23.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1077, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1232	7- 7 1122	7- 9 1306	7-12 1216	7-16 1443	7-20 1456	7-23 1532	7-26 1054	7-29 1513	9-15 1515	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.59	6.43	6.35	6.24	6.20	6.22	6.21	6.19	6.17	6.13	
RIGHT BANK GAGE	6.58	6.43	6.35	6.25	6.20	6.22	6.22	6.19	6.17	6.13	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.38
1	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.18
2	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.09
3	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.01
4	5.76 BM	5.73 BM	5.72 BM	5.79 BM	5.76 BM	5.72 M	5.71 M	5.75 G	5.74 FS	5.73 BM	5.40
5	5.77 FG	5.80 G	5.80 FG	5.80 G	5.79 FG	5.79 FG	5.78 FG	5.81 G	5.81 FG	5.79 SG	5.67
6	5.87 FG	5.90 FG	5.91 FG	5.90 G	5.90 FG	5.89 FG	5.89 FG	5.88 FG	5.88 G	5.87 CG	5.64
7	5.99 FG	6.01 FG	6.01 FG	6.01 FG	6.00 FG	6.01 FG	6.00 FG	5.99 FG	6.00 FG	5.99 CG	5.49
8	6.01 FG	6.03 FG	6.02 FG	6.02 FG	6.01 FG	6.02 FG	6.01 FG	6.02 FG	6.02 FG	6.02 CG	5.47
9	6.04 FG	6.03 FG	6.03 FG	6.03 FG	6.01 FG	6.02 FG	6.02 FG	6.04 FG	6.03 SG	6.03 S	5.53
10	6.05 SG	6.03 FG	6.03 FG	6.04 FG	6.02 FG	6.02 FG	6.02 FG	6.05 SG	6.04 SG	6.03 S	5.43
11	6.07 SG	6.02 SG	6.03 FG	6.02 SG	6.02 FG	6.03 SG	6.02 SG	6.02 SG	6.02 SG	6.02 S	5.37
12	6.05 SG	6.04 SG	6.03 FG	6.03 FG	6.02 FG	6.03 SG	6.02 SG	6.02 SG	6.02 SG	6.03 S	5.26
13	6.05 SG	6.10 S	6.05 FG	6.05 SG	6.05 FG	6.07 SG	6.06 SG	6.06 SG	6.05 SG	6.04 S	5.24
14	6.07 S	6.08 S	6.03 CG	6.03 SG	6.05 SG	6.04 SG	6.02 SG	6.05 SG	6.04 SG	6.03 S	5.14
15	6.00 S	6.13 S	6.05 CS	6.03 CS	6.04 SG	6.02 SG	6.02 CS	6.02 CS	6.04 SG	6.03 S	4.54
16	6.05 S	6.09 S	6.08 S	6.04 CG	6.04 SG	6.04 S	6.01 CG	6.01 CG	6.03 SG	6.05 S	4.49
17	5.91 S	6.01 S	6.04 S	6.04 CG	6.02 CG	6.03 S	6.03 CG	6.01 CG	6.04 SG	6.04 S	4.40
18	5.98 S	5.93 S	6.03 S	6.03 S	5.92 CG	6.02 CG	6.03 CG	6.03 CG	6.03 SG	6.04 S	4.29
19	5.97 S	5.93 S	6.04 S	5.99 S	5.99 CG	6.00 S	5.99 CG	5.97 SG	5.96 SG	5.98 S	4.50
20	5.97 S	5.93 S	6.05 FS	5.95 FS	5.92 S	5.92 S	5.94 S	5.97 CG	5.95 SG	5.95 S	4.45
21	5.97 S	5.98 S	6.05 FS	5.94 FS	5.90 S	5.92 S	5.96 S	5.97 CG	5.96 SG	5.96 S	4.36
22	5.90 S	5.98 S	6.05 FS	5.93 FS	5.92 S	5.92 S	5.92 S	5.98 CG	5.97 SG	5.93 S	4.38
23	5.88 S	5.91 S	6.05 FS	5.99 FS	5.98 S	5.94 S	5.93 S	5.98 CG	5.96 SG	5.94 S	4.22
24	5.88 S	5.90 S	6.05 FS	5.88 FS	5.87 S	5.85 S	5.86 S	5.87 S	5.88 S	5.88 S	5.04
25	6.06 FS	6.07 FS	6.07 FS	6.13 FS	6.07 BM	6.09 FS	6.10 BM	6.07 FS	6.06 FS	6.08 S	5.14
26	6.21 FS	6.23 FS	6.18 FS	6.23 BM	6.23 BM	6.23 FS	6.23 BM	6.23 FS	6.23 FS	6.23 S	5.72
27	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.49
28	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.51
29	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46
30	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.27
31	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.85-	6.84
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.6	3.6	3.7	3.6	3.6	3.7	3.7	3.6	3.7	3.7	
BED ELEVATION	5.79	5.80	5.89	5.78	5.90	5.81	5.80	5.84	5.79	5.81	
RIGHT EDGE WATER	26.2	26.0	26.2	26.1	25.6	25.7	25.8	25.6	25.6	25.2	
BED ELEVATION	6.58	6.23	6.23	6.25	6.20	6.22	6.21	6.19	6.17	6.13	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 24.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1120, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1208	5-14 1345	5-16 1135	5-19 1155	5-21 1242	5-22 1730	5-24 1654	5-27 1300	5-28 1221	5-30 1138	6- 1 1127
WATER SURFACE(1)											
LEFT BANK GAGE	6.47	6.41	6.33	6.40	6.69	7.00	7.32	6.55	6.51	6.38	6.36
RIGHT BANK GAGE	6.47	6.42	6.33*	6.40	6.68	6.99	7.31	6.55	6.51	6.38	6.36
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.09+	7.09+	7.09+	7.09+	7.09+	7.09+	7.09 BM	7.09- BM	7.09- BM	7.09- BM	7.09- BM
1	6.87+	6.87+	6.87+	6.87+	6.87+	6.87 BM	6.89 BM	6.52 G	6.51 BM	6.51- BM	6.51- BM
2	6.15 BM	6.08 CG	6.11 BM	6.12 BM	6.10 G	6.11 M	6.09 SG	6.05 CG	6.10 G	6.12 BM	6.12 G
3	6.07 G	6.05 CG	6.05 CG	6.07 S	6.06 G	6.06 CS	6.04 SG	6.02 G	6.04 G	6.05 G	6.06 G
4	6.00 CG	6.00 CG	6.03 CG	6.04 S	6.02 S	6.01 G	6.02 SG	5.98 G	5.99 G	5.99 G	5.99 G
5	5.96 CG	5.97 CG	5.98 CG	5.98 SG	5.94 S	5.98 G	5.94 G	5.96 G	5.99 G	5.97 G	5.97 G
6	5.92 CG	5.95 CG	5.93 CG	5.93 SG	5.90 S	5.90 CS	5.94 G	5.93 G	5.93 G	5.93 G	5.94 G
7	5.89 G	5.90 G	5.92 CG	5.90 S	5.89 S	5.91 S	5.89 SG	5.92 G	5.91 FG	5.90 FG	5.92 G
8	5.87 FG	5.86 SG	5.89 CG	5.88 S	5.87 S	5.91 S	5.90 S	5.87 FG	5.86 SG	5.87 FG	5.87 FG
9	5.88 FG	5.87 SG	5.88 G	5.86 S	5.87 S	5.89 S	5.82 G	5.92 SG	5.89 SG	5.89 FG	5.89 FG
10	5.89 SG	5.88 SG	5.90 G	5.89 S	5.93 S	5.80 CS	5.89 S	5.92 CS	5.91 CS	5.91 FG	5.86 FG
11	5.95 CS	5.93 CS	5.92 G	5.90 S	6.00 S	5.99 S	5.88 S	6.01 CS	5.88 CS	5.88 SG	5.87 FG
12	6.00 CS	5.95 CS	5.90 G	5.92 S	5.98 S	5.88 S	5.87 S	5.99 CS	6.00 S	5.91 SG	5.84 SG
13	5.97 CS	5.98 CS	5.93 FG	5.96 S	5.98 S	5.87 S	5.83 S	6.08 CS	5.95 S	5.94 S	5.86 SG
14	5.96 CS	6.01 S	5.95 S	5.89 S	5.97 S	5.97 S	5.88 S	6.05 S	6.00 S	5.95 S	5.94 S
15	5.88 SG	5.92 S	5.94 S	5.90 S	5.89 S	5.86 S	5.82 SG	6.06 S	6.07 S	5.95 S	5.94 S
16	5.95 SG	5.96 S	5.93 FS	5.96 FS	5.98 S	5.93 S	5.90 S	6.03 S	6.03 FS	6.02 S	6.01 S
17	6.28 FS	6.28 FS	6.26 BM	6.28 BM	6.27 S	6.23 S	6.27 S	6.33 FS	6.30 FS	6.32 S	6.30 S
18	6.42 FS	6.40 M	6.40-	6.39 BM	6.37 S	6.39 BM	6.44 BM	6.40 FS	6.41 FS	6.41-	6.41-
19	6.88+	6.88+	6.88+	6.88+	6.88+	6.88 BM	6.91 BM	6.91-	6.91-	6.91-	6.91-
20	6.92+	6.92+	6.92+	6.92+	6.92+	6.92 BM	6.95 BM	6.95-	6.95-	6.95-	6.95-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.3	1.2	1.5	1.2	1.1	0.5	< 0.0	0.9	1.0	1.3	1.2
BED ELEVATION	6.25	6.36	6.33	6.26	6.53	7.00		6.52	6.51	6.19	6.20
RIGHT EDGE WATER	18.3	18.3	17.2	18.2	18.3	>20.0	>20.0	18.2	18.2	17.3	17.3
BED ELEVATION	6.37	6.42	6.33	6.40	6.58			6.45	6.39	6.38	6.36

TABLE 24.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1120, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1207	6- 5 958	6- 7 1128	6- 9 1338	6-10 1337	6-11 1343	6-12 1420	6-13 1157	6-14 1100	6-15 1248	6-16 1421
WATER SURFACE(1)											
LEFT BANK GAGE	6.37	6.39	6.48	6.92	7.18	7.41	7.59	7.48	7.35	7.19	6.78
RIGHT BANK GAGE	6.37	6.39	6.48	6.92	7.17	7.41	7.56	7.46	7.35	7.18	6.77
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.09-	7.09-	7.09-	7.09-	7.08 BM	7.08 BM	7.13 BM	7.11 BM	7.08 BM	6.99 BM	
1	6.51-	6.51-	6.51-	6.47 BM	6.79 BM	6.86 BM	6.87 BM	7.00 BM	6.87 BM	6.91 BM	
2	6.07 CG	6.06 CG	6.08 CG	6.09 CG	6.07 BM	6.09 CG	6.07 CG	6.05 CG	6.07 CG	6.08 CG	
3	6.03 CG	6.06 CG	6.02 CG	6.07 CG	6.05 CG	6.02 CG	6.05 CG	6.01 CG	6.04 CG	6.04 CG	
4	5.98 CG	6.00 CG	6.00 CG	6.03 G	5.99 SG	5.99 G	6.00 G	5.98 G	5.99 G	5.99 G	
5	5.96 CG	5.97 CG	5.96 CG	5.95 CG	5.93 FG	5.96 CG	5.96 CG	5.91 G	5.95 CG	5.96 CG	
6	5.93 CG	5.93 CG	5.93 CG	5.92 CG	5.90 FG	5.91 CG	5.96 CG	5.91 CG	5.92 CG	5.89 CG	
7	5.89 FG	5.90 FG	5.88 CG	5.91 CG	5.89 FG	5.91 CG	5.90 CG	5.86 CG	5.88 FG	5.87 CG	
8	5.87 FG	5.88 FG	5.88 FG	5.91 CG	5.89 FG	5.90 CG	5.93 CG	5.86 CG	5.85 FG	5.85 CG	
9	5.87 FG	5.89 FG	5.88 FG	5.92 CG	5.87 S	5.93 S	5.98 G	5.85 SG	5.85 S	5.90 S	
10	5.85 FG	5.85 FG	5.86 S	5.90 S	5.82 S	5.86 S	5.85 CG	5.79 CG	5.83 S	5.99 S	
11	5.83 FG	5.83 FG	5.91 S	5.89 S	5.96 S	5.82 S	5.87 CG	5.88 CG	5.83 S	6.07 S	
12	5.79 FG	5.80 FG	5.92 S	5.98 S	5.87 S	5.81 S	5.90 CG	5.77 CG	5.83 S	6.09 S	
13	5.88 S	5.87 S	5.90 S	6.15 S	5.97 S	5.87 S	5.83 CG	5.81 CG	5.83 S	5.94 S	
14	5.89 S	5.89 S	6.00 S	6.05 S	5.96 S	5.89 S	5.93 S	5.87 S	5.86 S	5.80 CG	
15	5.89 S	5.89 S	5.92 S	6.07 S	5.96 S	5.88 S	5.86 S	5.86 S	5.85 S	5.80 S	
16	6.04 FG	6.04 FG	6.02 FG	6.05 S	6.07 S	5.93 SG	5.94 S	5.94 S	5.99 S	5.94 S	
17	6.31 FG	6.32 FG	6.31 FG	6.19 S	6.27 S	6.25 S	6.24 S	6.17 S	6.20 S	6.20 S	
18	6.41-	6.41-	6.44 M	6.39 BM	6.37 BM	6.38 BM	6.33 BM	6.46 BM	6.35 BM	6.37 BM	
19	6.91-	6.91-	6.91-	6.90 BM	6.90 BM	6.90 BM	6.90 BM	6.90 BM	6.88 BM	6.90 BM	
20	6.95-	6.95-	6.95-	6.90 BM	6.90 BM	6.92 BM	6.89 BM	6.89 BM	6.89 BM	6.99 BM	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.1	1.2	1.1	0.7	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	
BED ELEVATION	6.31	6.30	6.48	6.92	>20.0	>20.0	>20.0	>20.0	>20.0	>20.0	
RIGHT EDGE WATER	17.4	17.4	18.3	>20.0	>20.0	>20.0	>20.0	>20.0	>20.0	>20.0	
BED ELEVATION	6.37	6.39	6.43								

TABLE 24.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1120, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1207	6-18 1454	6-19 1120	6-20 1133	6-21 1151	6-23 1107	6-25 1345	6-27 1308	6-29 1315	7- 1 1258	7- 3 1311
WATER SURFACE(1)											
LEFT BANK GAGE	6.86	7.16	7.07	7.26	7.21	7.08	6.98	6.92	6.52	6.88	6.78
RIGHT BANK GAGE	6.85	7.15	7.06	7.27	7.21	7.08	6.97	6.91	6.52	6.86	6.77
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.99-	7.11 BM	7.11-	7.21 BM	7.09 BM	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-
1	6.91-	6.85 BM	6.86 BM	6.91 BM	6.86 BM	6.88 BM	6.85 G	6.81 BM	6.41 G	6.36 G	6.35 G
2	6.10 G	6.07 G	6.09 SG	6.06 G	6.09 G	6.08 G	6.08 G	6.07 SG	6.08 G	6.08 G	6.08 CG
3	6.03 G	6.06 G	6.04 G	6.02 G	6.02 G	6.05 G	6.05 G	6.03 SG	6.03 G	6.02 CG	6.01 CG
4	5.97 G	6.01 G	5.98 G	5.96 G	6.00 G	5.97 G	6.00 G	5.98 G	5.99 G	6.00 CG	5.98 CG
5	5.95 G	5.96 G	5.93 G	5.94 G	5.93 G	5.96 G	5.98 G	5.97 G	5.95 G	5.97 G	5.95 CG
6	5.91 G	5.91 G	5.88 G	5.89 G	5.90 G	5.93 G	5.94 SG	5.93 G	5.91 G	5.91 G	5.90 CG
7	5.89 G	5.88 G	5.86 G	5.87 G	5.89 G	5.87 G	5.87 FG	5.89 G	5.90 G	5.88 G	5.88 CG
8	5.85 G	5.87 FG	5.87 FG	5.87 FG	5.88 G	5.86 G	5.87 FG	5.86 G	5.88 G	5.86 G	5.87 G
9	5.81 G	5.91 FG	5.86 G	5.85 CG	5.83 FG	5.86 G	5.87 FG	5.86 SG	5.84 FG	5.87 S	5.85 S
10	5.86 S	5.98 S	5.78 S	5.87 S	5.84 S	5.95 S	5.87 S	5.91 S	5.81 FG	5.88 S	5.88 S
11	5.94 S	5.98 S	5.84 S	5.92 S	5.91 S	5.89 S	5.87 S	5.96 S	5.91 FG	5.85 S	5.86 S
12	6.03 S	5.98 S	5.89 S	5.93 S	5.90 S	5.92 S	6.05 S	5.89 S	5.84 SG	5.90 S	5.96 S
13	6.00 S	6.03 S	5.84 S	5.85 S	5.82 G	5.99 S	6.07 S	5.95 S	5.92 SG	5.84 S	6.07 S
14	5.99 S	5.88 S	5.88 S	5.89 S	5.82 G	5.93 S	6.02 S	6.04 S	6.02 SG	5.98 S	6.14 S
15	6.01 S	5.90 S	5.97 S	5.87 S	5.89 S	5.93 FS	6.02 S	5.93 S	6.08 S	6.06 S	6.17 S
16	6.03 S	5.99 S	5.97 SG	6.05 S	6.01 S	5.97 FG	6.05 S	6.03 S	6.02 FG	5.98 S	6.11 S
17	6.23 BM	6.25 S	6.15 M	6.27 S	6.23 S	6.31 FG	6.25 S	6.29 S	6.30 FG	6.29 S	6.30 FG
18	6.34 BM	6.35 BM	6.36 BM	6.39 BM	6.33 BM	6.36 BM	6.36 BM	6.36 BM	6.34 BM	6.35 BM	6.35 FG
19	6.90-	6.90 BM	6.89 BM	6.89 BM	6.88 BM	6.88 BM	6.89 BM	6.88 BM	6.88-	6.88-	6.88-
20	6.99-	6.89 BM	6.90 BM	6.90 BM	6.87 BM	6.89 BM	6.89 BM	6.88 BM	6.88-	6.88-	6.88-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.1	< 0.0	0.3	< 0.0	< 0.0	0.2	0.6	0.8	1.0	0.8	1.0
BED ELEVATION	6.37		7.07			7.08	6.98	6.92	6.41	6.88	6.35
RIGHT EDGE WATER	18.7	>20.0	>20.0	>20.0	>20.0	>20.0	>20.0	>20.0	18.0	18.7	18.3
BED ELEVATION	6.85								6.34	6.86	6.77

TABLE 24.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1120, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1238	7- 7 1117	7- 9 1308	7-12 1210	7-16 1439	7-20 1450	7-23 1522	7-26 1048	7-29 1509	9-15 1500	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.61	6.44	6.37	6.26	6.21	6.23	6.23	6.20	6.18	6.15	
RIGHT BANK GAGE	6.60	6.44	6.36*	6.26*	6.21*	6.24*	6.24*	6.21*	6.19*	6.16*	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-	6.99
1	6.42 G	6.44 G	6.37 G	6.37-	6.37-	6.37-	6.37-	6.37-	6.37-	6.37-	6.35
2	6.09 G	6.06 CG	6.06 CG	6.06 CG	6.05 CG	6.07 G	6.07 CG	6.05 CG	6.04 CG	6.07 CG	6.04
3	6.02 CG	6.01 CG	6.04 CG	6.02 CG	6.01 CG	6.02 CG	6.03 CG	6.02 CG	6.03 CG	6.03 CG	5.97
4	6.00 CG	6.00 CG	5.99 CG	6.00 CG	6.00 CG	6.01 CG	6.00 CG	5.99 CG	5.98 CG	5.98 CG	5.96
5	5.97 CG	5.94 CG	5.94 CG	5.94 CG	5.93 CG	5.95 CG	5.96 CG	5.95 CG	5.95 CG	5.95 CG	5.91
6	5.93 CG	5.93 CG	5.93 CG	5.93 CG	5.93 CG	5.93 CG	5.93 CG	5.92 CG	5.92 CG	5.94 CG	5.88
7	5.90 G	5.90 G	5.87 G	5.90 CG	5.90 G	5.90 G	5.90 CG	5.89 G	5.88 CG	5.90 SG	5.79
8	5.88 FG	5.87 FG	5.86 G	5.89 FG	5.89 FG	5.90 G	5.90 G	5.88 G	5.88 FG	5.90 SG	5.75
9	5.88 SG	5.86 FG	5.87 G	5.87 FG	5.88 FG	5.88 FG	5.89 G	5.88 FG	5.86 SG	5.87 CS	5.71
10	5.92 S	5.87 FG	5.86 G	5.88 SG	5.88 FG	5.85 FG	5.90 FG	5.88 SG	5.86 SG	5.86 CS	5.70
11	5.95 S	5.91 SG	5.90 FG	5.91 SG	5.91 FG	5.91 FG	5.91 FG	5.89 FG	5.89 SG	5.87 CS	5.70
12	5.88 S	6.04 CS	5.92 FG	5.94 SG	5.92 FG	5.93 FG	5.94 FG	5.93 FG	5.94 SG	5.92 G	5.71
13	5.98 S	6.02 S	5.93 S	5.95 SG	5.93 FG	5.95 FG	5.95 FG	5.94 FG	5.95 SG	5.94 CS	5.63
14	6.09 S	6.07 S	5.94 S	5.93 FS	5.91 SG	5.92 FG	5.92 SG	5.91 SG	5.91 CS	5.93 CS	5.65
15	6.16 S	6.03 S	5.96 FS	5.93 FS	5.91 FS	5.90 FS	5.91 FS	5.89 FS	5.88 SG	5.89 CS	5.57
16	6.08 FS	6.04 FS	6.01 FS	6.02 FS	6.00 FS	6.02 FS	6.01 FS	5.99 FS	6.00 FS	6.01 S	5.58
17	6.30 FS	6.29 FS	6.28 FS	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-	5.80
18	6.36 BM	6.35 BM	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	5.77
19	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88
20	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.87
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.0	1.0	1.0	1.3	1.5	1.3	1.4	1.6	1.7	1.7	
BED ELEVATION	6.42	6.44	6.37	6.26	6.21	6.23	6.23	6.20	6.18	6.14	
RIGHT EDGE WATER	18.2	18.2	17.3	16.8	16.6	16.7	16.7	16.6	16.6	16.5	
BED ELEVATION	6.39	6.37	6.36	6.26	6.21	6.23	6.23	6.20	6.18	6.15	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 25.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1155, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1204	5-14 1341	5-16 1125	5-19 1152	5-21 1245	5-22 1720	5-24 1655	5-27 1255	5-28 1206	5-30 1132	6- 1 1120
WATER SURFACE(1)											
LEFT BANK GAGE	6.50	6.45	6.36	6.43	6.74	7.05	7.37*	6.59	6.53	6.40	6.38
RIGHT BANK GAGE	6.50	6.44	6.36	6.42	6.70	7.02	7.35	6.58	6.54	6.40	6.39
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.14+	7.14+	7.14+	7.14+	7.14+	7.14+	7.14 BM	7.14-	7.14-	7.14-	7.14-
1	6.88+	6.88+	6.88+	6.88+	6.88+	6.88 CG	6.87 SG	6.87-	6.87-	6.87-	6.87-
2	6.68+	6.68+	6.68+	6.68+	6.68 BM	6.69 CG	6.69 SG	6.69-	6.69-	6.69-	6.69-
3	6.58+	6.58+	6.58+	6.58+	6.58 G	6.56 G	6.57 CG	6.51 CG	6.48 CG	6.48-	6.48-
4	6.32 CG	6.35 CG	6.36 CG	6.37 CG	6.37 G	6.35 G	6.35 SG	6.33 CG	6.33 CG	6.27 CG	6.26 CG
5	6.09 CG	6.10 CG	6.11 CG	6.12 CG	6.08 G	6.11 G	6.12 G	6.07 CG	6.07 CG	6.05 CG	6.05 CG
6	5.94 CG	5.96 CG	5.98 CG	5.9+ CG	6.03 G	6.01 G	5.97 CG	5.97 CG	5.93 CG	5.90 CG	5.93 CG
7	5.86 CG	5.87 CG	5.91 CG	5.88 CG	5.89 G	5.90 G	5.90 G	5.86 CG	5.86 CG	5.84 CG	5.84 CG
8	5.82 CG	5.84 CG	5.86 CG	5.85 CG	5.90 G	5.88 G	5.86 CG	5.83 CG	5.86 CG	5.82 CG	5.83 CG
9	5.74 CG	5.78 CG	5.78 CG	5.78 CG	5.79 G	5.80 G	5.79 G	5.78 CG	5.78 CG	5.75 CG	5.75 CG
10	5.78 CG	5.80 CG	5.81 CG	5.80 CG	5.80 G	5.81 G	5.78 G	5.76 CG	5.79 CG	5.79 CG	5.78 CG
11	5.69 CG	5.74 CG	5.73 CG	5.74 CG	5.77 S	5.96 S	5.94 CS	5.70 SG	5.71 G	5.69 CG	5.70 G
12	5.68 SG	5.69 SG	5.71 FG	5.70 SG	5.88 S	5.89 S	5.99 S	5.76 CS	5.76 FG	5.74 SG	5.76 SG
13	5.77 S	5.78 SG	5.76 S	5.81 S	5.91 S	5.93 S	6.25 S	5.80 CS	5.78 CS	5.80 S	5.79 SG
14	5.82 S	5.79 S	5.78 S	5.86 S	6.01 S	6.19 S	6.54 S	5.90 FS	5.89 S	5.82 FS	5.85 FS
15	6.12 S	6.11 FS	6.08 M	6.24 FS	6.17 S	6.43 S	6.68 S	6.17 FS	6.09 FS	6.19 FS	6.19 M
16	6.56+	6.56+	6.56+	6.56+	6.56 S	6.55 S	6.68 S	6.55 FS	6.54 FS	6.54-	6.54-
17	6.61+	6.61+	6.61+	6.61+	6.61 S	6.66 S	6.74 S	6.74-	6.74-	6.74-	6.74-
18	6.53+	6.53+	6.53+	6.53+	6.53 S	6.62 S	6.67 S	6.67-	6.67-	6.67-	6.67-
19	6.79+	6.79+	6.79+	6.79+	6.79+	6.79 S	6.75 S	6.75-	6.75-	6.75-	6.75-
20	6.76+	6.76+	6.76+	6.76+	6.76+	6.76 S	6.77 BM	6.77-	6.77-	6.77-	6.77-
21	6.78+	6.78+	6.78+	6.78+	6.78+	6.78 S	6.84 BM	6.84-	6.84-	6.84-	6.84-
22	6.88+	6.88+	6.88+	6.88+	6.88+	6.88 BM	6.96 BM	6.96-	6.96-	6.96-	6.96-
23	7.12+	7.12+	7.12+	7.12+	7.12+	7.12+	7.12 BM	7.12-	7.12-	7.12-	7.12-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	3.1 6.50	3.3 6.45	4.0 6.36	3.5 6.43	1.4 6.75	0.3 7.06	< 0.0	2.6 6.59	2.8 6.53	3.3 6.40	3.3 6.38
RIGHT EDGE WATER BED ELEVATION	15.8 6.50	15.7 6.44	15.4 6.36	15.7 6.42	18.6 6.69	22.2 7.00	>23.0	16.1 6.58	16.0 6.54	15.8 6.40	15.8 6.39

TABLE 25.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1155, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1201	6- 5 948	6- 7 1119	6- 9 1345	6-10 1335	6-11 1343	6-12 1355	6-13 1200	6-14 1042	6-15 1235	6-16 1419
WATER SURFACE(1)											
LEFT BANK GAGE	6.39	6.41	6.50	6.97	7.22	7.46	7.62	7.52	7.39	7.23	6.82
RIGHT BANK GAGE	6.40	6.42	6.50	6.96	7.18	7.44	7.58	7.49	7.36	7.21	6.80
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.14- CG	7.14- CG	7.14- CG	7.14- CG	7.10 G	7.11 BM	7.09 BM	7.12 G	7.09 G	7.09 G	
1	6.87- CG	6.87- CG	6.87- CG	6.88 CG	6.88 CG	6.87 FG	6.87 BM	6.89 CG	6.86 CG	6.83 CG	
2	6.69- CG	6.69- CG	6.69- CG	6.69 CG	6.66 FG	6.70 G	6.68 S	6.68 CG	6.67 CG	6.65 CG	
3	6.48- CG	6.48- CG	6.50 CG	6.56 CG	6.58 FG	6.57 G	6.57 CG	6.49 CG	6.49 CG	6.52 CG	
4	6.32 CG	6.33 CG	6.32 CG	6.29 CG	6.31 FG	6.26 G	6.27 G	6.28 G	6.22 G	6.30 CG	
5	6.08 CG	6.06 CG	6.05 CG	6.08 CG	6.12 G	6.06 G	6.07 G	6.07 G	6.06 G	6.05 G	
6	5.91 CG	5.93 CG	5.90 CG	5.97 CG	5.90 CG	5.98 CG	5.98 CG	5.95 CG	5.96 CG	5.96 CG	
7	5.84 CG	5.84 CG	5.83 CG	5.93 CG	5.90 CG	5.91 CG	5.91 CG	5.86 CG	5.88 CG	5.85 CG	
8	5.82 CG	5.82 CG	5.82 CG	5.86 CG	5.89 CG	5.86 CG	5.91 CG	5.82 CG	5.79 CG	5.79 CG	
9	5.78 CG	5.77 CG	5.73 CG	5.77 CG	5.79 G	5.86 G	5.72 G	5.81 CG	5.73 G	5.71 G	
10	5.77 CG	5.77 CG	5.75 CG	5.77 CG	5.78 G	5.80 G	5.78 G	5.75 G	5.76 G	5.77 G	
11	5.69 FG	5.68 CG	5.70 CG	5.77 CG	5.97 CG	5.85 CG	5.94 FG	5.98 CG	5.85 CG	5.72 CG	
12	5.78 CG	5.76 CG	5.69 CG	5.86 CG	6.06 CG	6.10 CG	6.19 CG	6.12 CG	5.92 CG	5.71 CG	
13	5.80 CG	5.79 CG	5.82 CG	5.93 CG	6.13 CG	6.31 CG	6.27 CG	6.30 CG	6.13 CG	5.96 CG	
14	5.84 FS	5.84 FS	6.03 S	6.11 S	6.01 S	6.45 S	6.46 S	6.45 CG	6.32 CG	6.04 S	
15	6.17 M	6.20 BM	6.20 FS	6.25 S	6.11 S	6.42 S	6.46 S	6.47 S	6.42 S	6.19 S	
16	6.54- M	6.54- BM	6.50 S	6.55 S	6.52 S	6.58 S	6.60 S	6.67 S	6.53 S	6.53 S	
17	6.74- M	6.74- BM	6.74 S	6.66 S	6.59 S	6.68 S	6.67 S	6.67 S	6.66 S	6.70 S	
18	6.67- M	6.67- BM	6.67 S	6.57 S	6.58 S	6.74 S	6.71 S	6.67 S	6.63 S	6.63 S	
19	6.75- M	6.75- BM	6.75 S	6.85 S	6.77 S	6.79 S	6.79 S	6.77 M	6.76 FS	6.81 S	
20	6.77- M	6.77- BM	6.77 S	6.82 S	6.78 S	6.82 S	6.77 S	6.77 M	6.77 FS	6.77 S	
21	6.84- M	6.84- BM	6.84 S	6.82 BM	6.80 BM	6.83 BM	6.78 BM	6.81 BM	6.81 FS	6.82 BM	
22	6.96- M	6.96- BM	6.96 S	6.91 BM	6.91 BM	6.90 BM	6.87 BM	6.90 BM	6.88 BM	6.90 BM	
23	7.12- M	7.12- BM	7.12 S	7.12- BM	7.08 BM	7.11 BM	7.07 BM	7.09 BM	7.09 BM	7.10 BM	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.4	3.2	3.0	0.5	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	
BED ELEVATION	6.39	6.41	6.50	6.97							
RIGHT EDGE WATER	15.7	15.7	16.0	22.2	>23.0	>23.0	>23.0	>23.0	>23.0	>23.0	
BED ELEVATION	6.40	6.42	6.50	6.94							

TABLE 25.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1155, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1159	6-18 1438	6-19 1100	6-20 1116	6-21 1129	6-23 1050	6-25 1405	6-27 1324	6-29 1320	7- 1 1247	7- 3 1215
WATER SURFACE(1)											
LEFT BANK GAGE	6.90	7.20	7.11*	7.30	7.25	7.12	7.01	6.95	6.55	6.92	6.82
RIGHT BANK GAGE	6.87	7.17	7.08	7.28	7.24	7.10	6.99	6.93	6.54	6.89	6.79
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.09-	7.12	7.11	7.10	7.09	7.10	7.10-	7.10-	7.10-	7.10-	7.10-
1	6.87	G 6.89	G 6.83	G 6.90	G 6.86	G 6.83	G 6.83	G 6.82	G 6.82	G 6.83	G 6.83
2	6.69	G 6.64	G 6.66	G 6.70	G 6.67	G 6.68	G 6.67	G 6.67	G 6.67	G 6.67	G 6.66
3	6.52	G 6.49	G 6.48	G 6.52	G 6.52	G 6.51	G 6.51	G 6.50	G 6.51	G 6.51	G 6.51
4	6.24	G 6.22	G 6.28	G 6.32	G 6.25	G 6.24	G 6.23	G 6.25	G 6.23	G 6.23	G 6.20
5	6.04	G 6.04	G 6.09	G 6.08	G 6.04	G 6.05	G 6.04	G 6.05	G 6.04	G 6.03	G 6.00
6	5.95	G 5.92	G 5.95	G 5.98	G 5.94	G 5.97	G 5.95	G 5.96	G 5.91	G 5.94	G 5.91
7	5.86	G 5.85	G 5.89	G 5.87	G 5.87	G 5.85	G 5.84	G 5.84	G 5.84	G 5.84	G 5.84
8	5.80	G 5.75	G 5.82	G 5.81	G 5.83	G 5.79	G 5.78	G 5.77	G 5.77	G 5.79	G 5.79
9	5.71	G 5.69	G 5.78	G 5.72	G 5.73	G 5.70	G 5.75	G 5.73	G 5.73	G 5.75	G 5.72
10	5.78	G 5.74	G 5.77	G 5.77	G 5.78	G 5.78	G 5.75	G 5.75	G 5.78	G 5.81	G 5.73
11	5.69	G 5.67	G 5.71	G 5.70	G 5.73	G 5.72	G 5.75	G 5.72	G 5.74	G 5.91	G 5.68
12	5.71	S 5.83	S 5.86	S 5.81	S 5.99	S 5.81	S 5.90	S 5.92	S 5.78	S 5.93	S 5.70
13	5.80	S 5.90	S 5.91	S 5.86	S 6.05	S 5.84	S 5.90	S 5.97	S 5.83	S 5.95	S 5.89
14	5.90	S 5.93	S 5.90	S 5.98	S 6.14	S 5.82	S 5.93	S 5.98	S 5.83	S 5.99	S 6.09
15	6.25	S 6.26	S 6.19	S 6.08	S 6.16	S 6.17	S 6.23	S 6.22	S 6.04	S 6.08	S 6.18
16	6.53	S 6.62	S 6.53	S 6.48	S 6.54	S 6.54	S 6.51	S 6.53	S 6.54	S 6.57	S 6.56
17	6.64	SG 6.72	S 6.62	S 6.64	S 6.65	S 6.63	S 6.63	SG 6.62	S 6.62	S 6.54	S 6.57
18	6.62	S 6.67	S 6.62	S 6.60	S 6.68	S 6.58	S 6.61	S 6.62	S 6.62	S 6.56	S 6.57
19	6.85	M 6.82	S 6.83	S 6.85	S 6.89	S 6.83	S 6.80	S 6.82	S 6.82	S 6.78	FS 6.79
20	6.79	M 6.75	S 6.77	S 6.81	BM 6.81	S 6.78	S 6.79	BM 6.83	S 6.83	FS 6.80	S 6.80
21	6.82	M 6.84	BM 6.85	BM 6.87	BM 6.88	S 6.82	BM 6.85	BM 6.88	BM 6.88	BM 6.88	S 6.88
22	6.90	BM 6.88	BM 6.87	BM 6.94	BM 6.92	BM 6.93	BM 6.91	BM 6.92	BM 6.92	BM 6.92	S 6.92
23	7.10-	7.08	7.08-	7.09	7.11	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.6	< 0.0	0.0	< 0.0	< 0.0	< 0.0	0.2	0.4	2.7	0.7	1.1
BED ELEVATION	6.91		7.11				7.01	6.96	6.55	6.93	6.83
RIGHT EDGE WATER	21.1	>23.0	22.2	>23.0	>23.0	22.5	22.1	22.0	16.0	20.7	19.0
BED ELEVATION	6.86		7.07			7.09	6.99	6.92	6.54	6.88	6.79

TABLE 25.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1155, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1245	7- 7 1112	7- 9 1314	7-12 1207	7-16 1435	7-20 1448	7-23 1520	7-26 1044	7-29 1506	9-15 1450	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.63	6.46	6.38	6.27*	6.23*	6.25*	6.25*	6.22*	6.20*	6.15	
RIGHT BANK GAGE	6.63	6.47	6.39	6.28	6.23	6.25	6.25	6.23	6.21	6.16	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.09
1	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.82
2	6.63 G	6.63-	6.63-	6.63-	6.63-	6.63-	6.63-	6.63-	6.63-	6.63-	6.63
3	6.44 G	6.46 BM	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.44
4	6.19 CG	6.19 CG	6.20 CG	6.19 CG	6.23 CG	6.22 CG	6.21 CG	6.20 CG	6.20 CG	6.20-	6.19
5	6.03 CG	6.03 CG	6.02 CG	6.03 CG	6.03 CG	6.04 CG	6.03 CG	6.02 CG	6.01 CG	6.01 CG	6.00
6	5.86 CG	5.86 CG	5.86 CG	5.86 CG	5.90 CG	5.87 CG	5.89 CG	5.90 CG	5.90 CG	5.89 CG	5.86
7	5.81 CG	5.81 CG	5.81 CG	5.80 CG	5.82 CG	5.83 CG	5.84 CG	5.83 CG	5.82 CG	5.81 CG	5.80
8	5.78 CG	5.82 CG	5.83 G	5.83 CG	5.83 CG	5.83 CG	5.83 CG	5.83 CG	5.83 CG	5.82 CG	5.75
9	5.73 CG	5.75 FG	5.76 G	5.81 CG	5.75 CG	5.75 CG	5.74 CG	5.76 CG	5.77 CG	5.84 G	5.69
10	5.73 CG	5.76 CG	5.74 CG	5.73 CG	5.73 CG	5.75 CG	5.73 CG	5.72 CG	5.74 CG	5.73 G	5.72
11	5.67 FG	5.66 CG	5.67 CG	5.65 G	5.66 G	5.66 G	5.68 G	5.68 CG	5.67 CG	5.65 SG	5.65
12	5.75 CS	5.74 FG	5.76 FG	5.77 CS	5.75 FG	5.75 FG	5.77 S	5.77 S	5.77 S	5.76 SG	5.68
13	5.80 CS	5.84 S	5.80 SG	5.86 FS	5.83 FS	5.84 FS	5.83 FS	5.81 FS	5.83 S	5.83 S	5.76
14	6.04 S	5.88 FG	5.91 S	5.88 FS	5.86 FS	5.87 FS	5.90 FS	5.90 FS	5.88 FS	5.87 S	5.71
15	6.21 S	6.06 SG	6.07 SG	6.06 SG	6.04 FG	6.06 CS	6.07 S	6.07 SG	6.04 S	6.05 S	5.62
16	6.59 FS	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.02
17	6.53 FS	6.53-	6.53-	6.53-	6.53-	6.53-	6.53-	6.53-	6.53-	6.53-	5.60
18	6.56 FS	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	5.73
19	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	5.17
20	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	5.24
21	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	5.26
22	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.27
23	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.07
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.0	3.0	3.3	3.6	4.0	3.9	3.8	3.9	4.0	4.2	
BED ELEVATION	6.63	6.46	6.38	6.26	6.23	6.24	6.24	6.21	6.20	6.15	
RIGHT EDGE WATER	18.2	15.9	15.7	15.6	15.4	15.5	15.6	15.5	15.5	15.4	
BED ELEVATION	6.63	6.47	6.39	6.28	6.23	6.25	6.25	6.23	6.20	6.16	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 26.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1202, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1152	5-14 1330	5-16 1123	5-19 1140	5-21 1141	5-22 1658	5-24 1630	5-27 1252	5-28 1200	5-30 1131	6- 1 1116
WATER SURFACE(1)											
LEFT BANK GAGE	6.51	6.45	6.37	6.44	6.77	7.08	7.37	6.60	6.56	6.42	6.40
RIGHT BANK GAGE	6.52	6.47	6.38*	6.45	6.78	7.09	7.37	6.60	6.56	6.43	6.41
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.00+	7.00+	7.00+	7.00+	7.00+	7.00 BM	7.00 BM	7.00-	7.00-	7.00-	7.00-
1	6.55+	6.55+	6.55+	6.55+	6.55 BM	6.47 BM	6.47 S	6.53 BM	6.53-	6.53-	6.53-
2	6.51	6.51-	6.51-	6.51-	6.55 M	6.47 BM	6.50 S	6.58 BM	6.56 FS	6.56-	6.56-
3	6.13	6.15 FS	6.19 S	6.18 S	6.18 M	6.10 FS	6.23 S	6.25 M	6.24 FS	6.19 FS	6.18 S
4	6.02 S	6.00 FS	6.01 S	5.99 S	5.95 FS	6.20 FS	6.29 S	6.20 FS	6.18 FS	6.04 FS	5.99 S
5	6.13 S	6.11 FS	6.11 FS	6.12 S	6.09 FS	6.39 FS	6.42 S	6.26 S	6.35 FS	6.34 FS	6.30 S
6	5.84 S	5.93 FS	5.90 FS	5.84 S	5.94 S	6.07 S	6.11 S	6.09 S	6.08 FS	6.10 FS	6.10 S
7	5.92 S	5.93 FS	5.88 FS	5.88 S	5.96 S	5.94 FS	5.93 FS	5.90 S	5.91 S	5.92 FS	5.88 S
8	5.82 S	5.82 FS	5.79 FS	5.81 S	5.85 S	5.86 FS	5.94 FS	5.87 S	5.86 S	5.82 SG	5.82 S
9	5.82 S	5.73 S	5.79 FS	5.81 S	6.01 S	5.82 FS	5.97 FS	5.80 S	5.82 S	5.79 SG	5.76 S
10	5.82 S	5.85 S	5.81 FS	5.79 S	5.91 S	5.88 S	5.94 S	5.80 S	5.81 S	5.81 SG	5.80 S
11	5.80 S	5.84 S	5.80 FS	5.80 S	5.85 S	5.78 S	5.80 S	5.78 FG	5.78 FG	5.78 SG	5.78 S
12	5.82 SG	5.84 CS	5.85 FS	5.82 S	5.79 S	5.85 S	5.77 S	5.67 FG	5.66 FG	5.67 SG	5.71 S
13	5.82 G	5.82 SG	5.79 SG	5.83 S	5.79 S	5.72 S	5.78 SG	5.77 G	5.76 G	5.80 G	5.78 G
14	5.82 G	5.85 G	5.81 CG	5.87 S	5.84 SG	5.82 G	5.79 G	5.80 G	5.80 G	5.82 G	5.82 G
15	5.88 G	5.89 G	5.85 CG	5.88 G	5.83 SG	5.85 FG	5.83 G	5.87 G	5.88 G	5.89 G	5.89 G
16	5.96 G	5.96 FS	6.01 S	5.99 FS	5.91 SG	5.89 FG	5.87 G	5.97 G	5.98 S	6.01 S	6.01 S
17	5.92 G	5.90 G	5.89 CG	6.04 BM	6.03 BM	6.01 BM	6.01 BM	5.98 G	6.04 FG	6.05 BM	5.91 S
18	6.89+	6.89+	6.89+	6.89+	6.89+	6.89 BM	6.90 BM	6.90-	6.90-	6.90-	6.90-
19	7.22+	7.22+	7.22+	7.22+	7.22+	7.22+	7.22 BM	7.22-	7.22-	7.22-	7.22-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.0	2.3	2.6	2.3	0.8	< 0.0	< 0.0	0.8	2.0	2.4	2.4
BED ELEVATION	6.51	6.45	6.37	6.43	6.62			6.57	6.56	6.42	6.40
RIGHT EDGE WATER	17.2	17.2	17.1	17.0	17.2	18.2	>19.0	17.3	17.2	17.1	17.3
BED ELEVATION	6.10	6.05	6.37	6.04	6.56	6.89		6.60	6.08	6.11	5.93

TABLE 26.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1202, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 1150	6-5 939	6-7 1120	6-9 1320	6-10 1317	6-11 1325	6-12 1258	6-13 1145	6-14 1025	6-15 1215	6-16 1417
WATER SURFACE(1)											
LEFT BANK GAGE	6.41	6.43	6.54	7.01	7.24	7.46	7.61	7.52	7.39	7.25	6.84
RIGHT BANK GAGE	6.42	6.45	6.55	7.02	7.24	7.46	7.61	7.52	7.40	7.25	6.84
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.00-	7.00-	7.00-	7.01 BM	7.02 BM	7.01 BM	6.98 BM	7.01 BM	6.98 BM	6.99 BM	6.99 BM
1	6.53-	6.53-	6.53-	6.53 BM	6.49 BM	6.53 M	6.51 BM	6.47 BM	6.45 BM	6.47 BM	6.47 M
2	6.56-	6.56-	6.53 S	6.55 BM	6.48 BM	6.55 FS	6.51 BM	6.53 BM	6.51 BM	6.48 M	6.48 M
3	6.19 FS	6.20 S	6.14 S	6.18 S	6.28 M	6.41 FS	6.43 FS	6.42 FS	6.37 FS	6.36 FS	6.36 FS
4	6.01 FS	6.04 S	6.13 S	6.20 S	6.32 FS	6.34 FS	6.34 S	6.39 FS	6.31 FS	6.31 FS	6.29 S
5	6.27 S	6.36 FS	6.25 S	6.30 S	6.29 FS	6.30 FS	6.34 S	5.99 S	6.34 S	6.32 S	6.32 S
6	6.06 S	6.04 S	5.94 S	6.12 S	6.12 FS	6.10 FS	6.09 S	6.08 FG	6.12 S	6.14 FS	6.14 FS
7	5.92 S	5.94 S	5.88 S	5.84 S	5.84 S	6.01 S	6.01 S	5.88 S	6.15 S	6.01 S	6.01 S
8	5.83 FS	5.83 S	5.87 S	5.91 S	5.82 S	5.91 FS	5.94 S	5.93 S	5.99 S	5.92 S	5.92 S
9	5.78 FS	5.77 S	5.89 S	6.04 S	5.78 S	5.76 FS	5.83 S	5.98 S	5.92 S	5.85 CS	5.85 CS
10	5.82 S	5.93 S	5.82 S	5.96 S	5.74 S	5.68 S	5.79 S	5.88 S	5.88 CS	5.75 CS	5.75 CS
11	5.82 S	5.88 S	5.85 S	5.93 S	5.69 S	5.71 FG	5.71 G	5.84 S	5.82 GG	5.69 FG	5.69 FG
12	5.83 S	5.85 S	5.81 S	5.77 S	5.83 S	5.69 GG	5.70 GG	5.73 GG	5.71 GG	5.72 GG	5.72 GG
13	5.80 S	5.86 S	5.90 S	5.82 S	5.78 G	5.76 G	5.73 G	5.74 FG	5.76 GG	5.76 GG	5.76 GG
14	5.82 S	5.89 S	5.80 SG	5.86 S	5.82 SG	5.80 G	5.78 G	5.80 FG	5.80 G	5.80 G	5.80 G
15	5.87 G	5.87 G	5.87 G	5.88 FG	5.84 G	5.83 G	5.86 G	5.83 FG	5.84 G	5.83 G	5.83 G
16	6.02 BM	6.00 BM	5.97 S	5.91 G	5.86 GG	5.89 GG	5.87 G	5.90 FG	5.87 GG	5.88 GG	5.88 GG
17	6.07 BM	6.04 BM	6.05 BM	5.99 BM	5.92 BM	5.91 G	5.94 S	5.95 BM	5.88 G	6.04 BM	6.04 BM
18	6.90-	6.90-	6.90-	6.90-	7.04 BM	7.04 BM	7.02 BM	6.93 BM	7.01 BM	7.07 BM	7.07 BM
19	7.22-	7.22-	7.22-	7.22-	7.22-	7.22 BM	7.18 BM	7.24 BM	7.24 BM	7.24 BM	7.24 BM
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.4	2.3	1.9	0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0
BED ELEVATION	6.41	6.43	6.54	7.01							
RIGHT EDGE WATER	17.2	17.1	17.2	17.6	18.1	>19.0	>19.0	>19.0	>19.0	>19.0	>19.0
BED ELEVATION	6.03	6.03	6.40	7.00	7.24						

TABLE 26.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1202, EAST FORK RIVER, WYOMING, 1980--CONTINUED-

DATE TIME	6-17 1144	6-18 1423	6-19 1043	6-20 1056	6-21 1115	6-23 1031	6-25 1425	6-27 1338	6-29 1326	7- 1 1154	7- 3 1208
WATER SURFACE(1)											
LEFT BANK GAGE	6.92	7.21	7.12	7.29	7.26	7.14	7.03	6.99	6.57	6.94	6.85
RIGHT BANK GAGE	6.93	7.22	7.13	7.31	7.27	7.15	7.04	7.00	6.58	6.96	6.86
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.99- BM	7.02 BM	7.00 BM	6.99 BM	7.02 BM	6.99 BM	7.01 BM	6.99 BM	6.99- BM	6.99- BM	6.99- BM
1	6.55 BM	6.51 BM	6.54 BM	6.51 BM	6.66 BM	6.60 BM	6.53 S	6.56 BM	6.54 BM	6.53 BM	6.57 BM
2	6.59 BM	6.59 FS	6.55 S	6.56 BM	6.64 FS	6.61 S	6.63 S	6.62 BM	6.49 BM	6.55 FS	6.53 FS
3	6.24 FS	6.30 S	6.43 S	6.38 S	6.38 S	6.27 S	6.23 S	6.11 S	6.06 S	6.05 FS	6.28 FS
4	6.20 S	6.25 S	6.24 S	6.33 S	6.38 FS	6.21 S	6.20 S	6.21 S	6.02 S	6.22 FS	6.20 S
5	6.22 FS	6.35 S	6.34 S	6.29 S	6.33 S	6.27 S	6.22 S	6.27 S	6.27 S	6.32 S	6.35 S
6	6.06 S	6.02 S	6.13 S	6.15 S	6.14 S	6.17 S	6.07 S	6.01 S	5.88 S	6.15 S	6.24 S
7	5.92 S	5.80 S	5.92 S	6.13 S	6.03 S	6.08 S	6.00 S	6.06 S	5.88 S	6.06 S	6.10 S
8	5.89 S	5.76 S	5.74 S	5.99 S	5.84 S	5.99 S	5.94 FG	5.89 S	5.92 S	6.00 S	5.83 S
9	5.79 S	5.66 S	5.73 S	5.76 S	5.68 S	5.85 S	5.91 S	5.88 S	5.83 S	6.11 S	5.94 S
10	5.75 S	5.71 S	5.73 S	5.77 S	5.85 S	5.84 S	5.91 S	5.78 S	5.80 G	6.03 S	6.05 S
11	5.70 G	5.77 S	5.83 S	5.80 S	5.88 S	5.85 CS	5.86 FG	5.71 CS	5.81 FG	5.95 S	5.96 S
12	5.71 G	5.74 G	5.76 SG	5.80 S	5.82 SG	5.84 CS	5.78 G	5.91 S	5.84 FG	5.91 CS	5.84 S
13	5.77 G	5.76 G	5.75 G	5.78 G	5.76 G	5.77 G	5.75 G	5.77 FG	5.80 FG	5.84 FG	5.85 CS
14	5.81 G	5.78 G	5.81 G	5.80 G	5.81 G	5.82 G	5.79 G	5.82 FG	5.81 G	5.82 CG	5.81 G
15	5.85 G	5.85 G	5.85 G	5.83 G	5.84 G	5.83 G	5.85 G	5.88 FG	5.86 G	5.84 CG	5.84 CG
16	5.95 G	5.87 G	5.83 S	5.89 HB	5.97 G	5.93 G	5.89 SG	5.86 G	5.90 SG	5.97 SG	5.94 FS
17	5.95 BM	5.96 G	6.03 BM	5.91 BM	5.96 BM	5.93 G	6.02 S	5.99 G	6.40 BM	6.45 BM	6.05 BM
18	7.07- BM	7.02 BM	7.03 BM	7.02 BM	7.03 BM	7.00 BM	6.99 BM	6.91 BM	6.91- BM	6.91- BM	6.91- BM
19	7.24- BM	7.24- BM	7.24- BM	7.24 BM	7.24- BM	7.24- BM	7.24- BM	7.24- BM	7.24- BM	7.24- BM	7.24- BM
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	0.4 6.92	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	0.0 6.99	0.7 6.57	0.2 6.94	0.5 6.85
RIGHT EDGE WATER BED ELEVATION	17.3 6.93	18.1 7.06	18.1 7.03	>19.0	18.1 7.07	18.1 7.15	18.0 6.99	18.0 6.91	17.1 6.48	17.4 6.96	17.4 6.86

TABLE 26.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1202, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1252	7- 7 1106	7- 9 1320	7-12 1202	7-16 1431	7-20 1444	7-23 1515	7-26 1042	7-29 1502	9-15 1430	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.67	6.49	6.40	6.29*	6.24*	6.26*	6.25*	6.23*	6.21*	6.16*	
RIGHT BANK GAGE	6.68	6.50	6.42	6.30	6.24	6.26	6.25	6.23	6.21	6.16	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.98
1	6.55- BM	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.45
2	6.49- FS	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.47
3	6.18- FS	6.07- FS	6.10- FS	6.09- FS	6.15- FS	6.14- FS	6.08- FS	6.08- FS	6.09- FS	6.10- FS	6.48
4	6.04- S	5.91- S	5.97- S	5.97- FS	5.96- FS	5.96- FS	5.95- FS	5.95- FS	5.96- FS	5.96- S	5.13
5	6.29- S	6.28- S	6.30- FS	6.29- FS	6.29- S	6.29- S	6.29- S	6.29- S	6.29- S	6.29- S	5.31
6	6.03- S	5.92- S	5.88- FS	5.87- FS	5.93- FS	5.90- S	5.84- S	5.85- FS	5.88- FS	5.90- S	5.35
7	5.99- S	5.89- S	5.89- FS	5.87- FS	5.85- FS	5.85- S	5.85- S	5.85- S	5.85- FS	5.85- S	5.35
8	5.94- S	5.88- S	5.87- FS	5.86- S	5.85- S	5.85- S	5.85- S	5.85- S	5.85- S	5.85- S	5.35
9	5.85- S	5.80- S	5.88- FS	5.86- S	5.85- S	5.85- S	5.84- S	5.85- S	5.85- S	5.85- S	5.40
10	5.94- CG	5.90- S	5.84- FS	5.86- S	5.84- S	5.85- S	5.85- S	5.84- SG	5.87- S	5.85- S	5.40
11	5.82- FS	5.85- S	5.85- FS	5.85- S	5.84- CG	5.85- CG	5.84- FS	5.84- SG	5.86- S	5.84- S	5.50
12	5.87- FS	5.79- CG	5.79- FS	5.79- S	5.80- CG	5.78- CG	5.79- SG	5.80- SG	5.82- S	5.84- S	5.60
13	5.76- G	5.77- G	5.77- CG	5.76- CG	5.75- FS	5.76- SG	5.76- SG	5.78- FS	5.79- SG	5.75- SG	5.70
14	5.83- G	5.81- G	5.80- CG	5.84- CG	5.82- G	5.83- G	5.83- CG	5.83- CG	5.82- CG	5.83- G	5.73
15	5.85- G	5.85- G	5.83- CG	5.84- CG	5.84- G	5.84- G	5.84- CG	5.83- CG	5.89- CG	5.83- G	5.78
16	5.89- S	5.93- G	5.98- G	5.98- FS	5.95- BM	5.96- M	5.96- M	5.97- M	5.97- M	5.98- BM	5.83
17	5.89- BM	6.01- BM	6.03- BM	5.94- BM	6.04- BM	6.03- BM	5.98- BM	6.01- BM	5.99- BM	5.98- BM	5.80
18	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.91-	6.89
19	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.18
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.7	2.2	2.3	2.6	2.9	2.8	2.7	2.7	2.7	2.7	
BED ELEVATION	6.66	6.49	6.40	6.28	6.23	6.25	6.24	6.23	6.21	6.16	
RIGHT EDGE WATER	17.2	17.1	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1	
BED ELEVATION	6.67	6.50	6.03	5.94	6.04	6.03	6.02	6.01	5.99	5.98	
LEFT EDGE BAR								4.6	4.7	4.8	
BED ELEVATION								6.23	6.21	6.16	
RIGHT EDGE BAR								5.3	5.4	5.3	
BED ELEVATION								6.23	6.21	6.16	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 27.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1241, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1154	5-14 1320	5-16 1110	5-19 1139	5-21 1132	5-22 1655	5-24 1615	5-27 1200	5-28 1154	5-30 1129	6- 1 1115
WATER SURFACE(1)											
LEFT BANK GAGE	6.53	6.47	6.38	6.47	6.79	7.12	7.39	6.62	6.57	6.43	6.41
RIGHT BANK GAGE	6.54	6.48	6.39*	6.47	6.82	7.13	7.40	6.63	6.57	6.44	6.42
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.26+	7.26+	7.26+	7.26+	7.26+	7.26+	7.26 BM	7.26-	7.26-	7.26-	7.26-
1	7.25+	7.25+	7.25+	7.25+	7.25+	7.25+	7.25 BM	7.25-	7.25-	7.25-	7.25-
2	6.96+	6.96+	6.96+	6.96+	6.96+	6.96 BM	6.95 BM	6.95-	6.95-	6.95-	6.95-
3	7.02+	7.02+	7.02+	7.02+	7.02+	7.02 S	7.00 S	7.00-	7.00-	7.00-	7.00-
4	6.94+	6.94+	6.94+	6.94+	6.94+	6.94 S	6.93 S	6.93-	6.93-	6.93-	6.93-
5	6.94+	6.94+	6.94+	6.94+	6.94+	6.94 S	6.92 FS	6.92-	6.92-	6.92-	6.92-
6	6.78+	6.78+	6.78+	6.78+	6.78 S	6.85 FS	6.87 S	6.87-	6.87-	6.87-	6.87-
7	6.70+	6.70+	6.70+	6.70+	6.70 M	6.74 CS	6.98 S	6.98-	6.98-	6.98-	6.98-
8	6.59+	6.59+	6.59+	6.59+	6.59 S	6.74 CS	6.89 S	6.89-	6.89-	6.89-	6.89-
9	6.49 CS	6.49-	6.49-	6.47 S	6.47 S	6.62 CS	6.79 S	6.62 FS	6.57 FS	6.57-	6.57-
10	6.33 S	6.38 FS	6.38 FS	6.38 FS	6.39 S	6.55 CS	6.39 S	6.35 FS	6.35 FS	6.36 S	6.38 S
11	6.31 S	6.31 FS	6.30 FS	6.29 S	6.34 S	6.50 S	6.14 S	6.15 FS	6.16 FS	6.15 S	6.14 FS
12	6.20 CS	6.20 FS	6.22 FS	6.29 CS	6.31 S	6.36 S	5.87 S	6.07 FS	6.07 FS	6.06 S	6.17 FS
13	6.08 CS	6.10 FS	6.08 FS	6.26 CS	6.17 S	6.19 S	5.75 CS	5.94 FS	5.97 FS	5.95 S	6.16 S
14	5.93 CS	5.96 FS	5.97 FS	6.12 CS	6.01 S	6.02 S	5.69 CS	5.79 FS	5.79 FS	5.84 S	6.08 S
15	5.83 CS	5.84 S	5.81 FS	6.10 CS	5.90 S	5.80 S	5.65 FG	5.63 S	5.69 FS	5.73 S	6.14 CS
16	5.73 CS	5.68 S	5.77 S	5.94 S	5.70 S	5.65 CS	5.50 FG	5.51 CS	5.56 FS	5.63 FS	6.07 CS
17	5.55 CS	5.66 S	5.55 S	5.87 S	5.68 S	5.44 SG	5.40 G	5.43 CS	5.45 G	5.65 S	5.82 CS
18	5.44 G	5.53 S	5.75 S	5.78 S	5.46 S	5.34 G	5.38 G	5.36 CS	5.38 G	5.58 S	5.71 CS
19	5.29 G	5.26 G	5.64 S	5.62 S	5.22 SG	5.30 G	5.29 G	5.24 G	5.24 G	5.32 SG	5.71 CS
20	5.26 HB	5.31 G	5.45 S	5.31 FG	5.31 G	5.29 G	5.28 G	5.31 G	5.30 SG	5.26 G	5.39 S
21	5.52 S	5.60 SG	5.64 BM	5.55 BM	5.53 SG	5.55 G	5.61 CS	5.55 FS	5.54 G	5.62 BM	5.54 SG
22	6.36 BM	6.41 BM	6.41-	6.39 BM	6.39 BM	6.38 BM	6.24 BM	6.35 FS	6.32 FS	6.27 BM	6.27 M
23	7.12+	7.12+	7.12+	7.12+	7.12+	7.12+	7.12 BM	7.12-	7.12-	7.12-	7.12-
24	7.07+	7.07+	7.07+	7.07+	7.07+	7.07+	7.07 BM	7.07-	7.07-	7.07-	7.07-
25	7.05+	7.05+	7.05+	7.05+	7.05+	7.05+	7.05 BM	7.05-	7.05-	7.05-	7.05-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	8.6	9.2	10.0	9.0	6.0	1.5	< 0.0	9.0	9.0	9.6	9.6
BED ELEVATION	6.53	6.47	6.38	6.47	6.78	7.04		6.62	6.57	6.43	6.41
RIGHT EDGE WATER	22.6	22.7	21.9	22.5	22.9	22.8	>25.0	22.8	22.7	22.4	22.3
BED ELEVATION	6.54	6.48	6.38	6.47	6.68	6.68		6.63	6.57	6.44	6.42

TABLE 27.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1241, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 1138	6-5 935	6-7 1107	6-9 1320	6-10 1310	6-11 1307	6-12 1225	6-13 1130	6-14 1008	6-15 1155	6-16 1205
WATER SURFACE(1)											
LEFT BANK GAGE	6.43	6.46	6.57	7.03	7.25	7.45	7.62	7.51	7.38	7.25	6.89
RIGHT BANK GAGE	6.44	6.47	6.58	7.05	7.27	7.48	7.64	7.54	7.42	7.28	6.90
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.26-	7.26-	7.26-	7.26-	7.26-	7.25 BM	7.28 BM	7.25 BM	7.23 BM	7.23-	7.23-
1	7.25-	7.25-	7.25-	7.25-	7.25-	7.25 BM	7.24 BM	7.25 BM	7.22 BM	7.23 BM	7.23-
2	6.95-	6.95-	6.95-	6.93 BM	6.96 S	6.94 BM	6.93 BM	6.92 BM	6.94 BM	6.92 BM	6.92-
3	7.00-	7.00-	7.00-	7.02 M	7.03 S	7.00 FS	7.01 S	6.98 M	6.99 FS	6.99 M	6.99-
4	6.93-	6.93-	6.93-	6.93 M	6.96 S	6.94 FS	6.95 S	6.94 M	6.93 FS	6.94 M	6.94-
5	6.92-	6.92-	6.92-	6.93 M	6.95 S	6.95 FS	6.95 S	6.89 M	6.94 FS	6.94 M	6.94-
6	6.87-	6.87-	6.87-	6.93 FS	6.97 S	6.98 FS	6.97 S	6.97 FS	6.97 FS	6.97 FS	6.97-
7	6.98-	6.98-	6.98-	6.93 S	6.94 S	6.95 FS	6.93 S	6.88 S	6.89 FS	6.93 FS	6.93-
8	6.89-	6.89-	6.89-	6.86 S	6.84 S	6.84 S	6.72 S	6.68 S	6.68 FS	6.75 FS	6.67 FS
9	6.57-	6.57-	6.57-	6.62 CS	6.46 FS	6.56 S	6.50 S	6.49 S	6.44 S	6.53 FS	6.52 FS
10	6.36 FS	6.32 FS	6.37 FS	6.27 S	6.47 S	6.51 S	6.26 SG	6.25 S	6.35 FG	6.35 FS	6.39 FS
11	6.23 S	6.25 S	6.27 CS	6.34 S	6.41 S	6.31 S	6.07 S	6.07 S	6.22 FG	6.32 FS	6.19 S
12	6.22 S	6.22 S	6.25 CS	6.27 S	6.36 S	5.96 S	5.87 S	5.90 S	5.94 S	6.08 S	6.10 S
13	6.16 S	6.17 S	6.18 CS	6.02 S	6.27 S	5.81 FG	5.79 S	5.78 S	5.82 S	5.87 S	6.02 S
14	6.16 S	6.17 S	6.02 S	5.83 S	6.06 S	5.65 S	5.66 S	5.65 S	5.70 FG	5.68 S	5.92 S
15	6.14 S	5.89 S	5.99 S	5.85 S	5.77 S	5.55 G	5.56 G	5.56 G	5.56 G	5.66 G	5.64 SG
16	6.03 S	5.99 S	5.79 S	5.71 S	5.48 S	5.50 S	5.46 S	5.47 S	5.47 S	5.49 S	5.48 S
17	5.90 S	5.81 S	5.65 S	5.44 S	5.41 S	5.42 S	5.42 S	5.41 S	5.44 S	5.39 S	5.46 S
18	5.76 S	5.72 S	5.62 S	5.36 S	5.36 S	5.33 S	5.36 S	5.37 S	5.35 S	5.34 S	5.38 S
19	5.63 S	5.64 CS	5.42 CS	5.23 G	5.29 S	5.26 G	5.29 S	5.26 G	5.28 G	5.27 S	5.26 G
20	5.34 FG	5.33 CS	5.29 SG	5.27 G	5.29 G	5.28 G	5.31 G	5.28 G	5.33 G	5.26 G	5.26 HB
21	5.34 SG	5.34 BM	6.03 BM	5.86 BM	5.84 BM	5.89 BM	5.46 S	5.39 S	5.84 S	5.41 S	5.69 G
22	6.15 BM	6.28 BM	6.36 BM	6.16 BM	5.99 BM	6.03 BM	6.03 S	6.11 BM	6.12 S	5.98 S	5.98 S
23	7.12-	7.12-	7.12-	7.12-	7.14 BM	7.14 BM	7.16 BM	7.11 BM	7.15 BM	7.15 BM	7.15-
24	7.07-	7.07-	7.07-	7.07-	7.06 BM	7.06 BM	7.03 BM	7.03 BM	7.07 BM	7.05 BM	7.05-
25	7.05-	7.05-	7.05-	7.05-	7.04 BM	7.04 BM	7.09 BM	7.05 BM	7.10 BM	7.03 BM	7.03-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	9.6	9.5	9.1	1.6	1.2	< 0.0	< 0.0	< 0.0	< 0.0	1.0	7.1
BED ELEVATION	6.44	6.46	6.57	7.02	7.25	>25.0	>25.0	25.0	>25.0	7.23	6.88
RIGHT EDGE WATER	22.5	22.5	22.8	22.9	>25.0	>25.0	25.0	>25.0	>25.0	>25.0	22.8
BED ELEVATION	6.44	6.47	6.58	7.05			7.09				6.52

TABLE 27.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1241, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1130	6-18 1401	6-19 1025	6-20 1134	6-21 1051	6-23 1117	6-25 1445	6-27 1406	6-29 1332	7- 1 1148	7- 3 1159
WATER SURFACE(1)											
LEFT BANK GAGE	6.93	7.23	7.15	7.34	7.28	7.17	7.06	7.01	6.58*	6.98	6.88
RIGHT BANK GAGE	6.95	7.25	7.17	7.37	7.30	7.20	7.08	7.04	6.60	7.01	6.90
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.23-	7.23-	7.23-	7.24 BM	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-
1	7.23-	7.23-	7.23-	7.23 BM	7.26 BM	7.26-	7.26-	7.26-	7.26-	7.26-	7.26-
2	6.92-	6.94 FS	6.95 M	6.92 BM	6.96 FS	6.94 BM	6.95 BM	6.95-	6.95-	6.95-	6.95-
3	6.99-	7.02 FS	7.02 M	7.00 FS	7.04 FS	6.98 FS	7.01 S	7.01-	7.01-	7.01-	7.01-
4	6.94-	6.96 FS	6.94 FS	6.94 FS	6.95 FS	6.93 FS	6.94 S	6.95 FS	6.95-	6.94 FS	6.94-
5	6.94-	7.00 FS	6.97 FS	6.98 FS	7.00 FS	6.96 FS	6.97 S	6.97 FS	6.97-	6.94 FS	6.94-
6	7.00-	6.98 FS	6.95 S	6.88 S	6.92 S	6.88 FS	6.81 S	6.90 S	6.90-	6.85 S	6.84 CS
7	6.93 S	6.81 FS	6.78 CS	6.85 S	6.91 S	6.83 S	6.69 S	6.80 S	6.80-	6.78 SG	6.75 S
8	6.72 S	6.73 S	6.77 S	6.79 S	6.72 S	6.68 S	6.68 S	6.69 S	6.69-	6.72 FG	6.60 SG
9	6.53 S	6.70 S	6.73 S	6.79 S	6.73 S	6.59 S	6.46 S	6.64 SG	6.64-	6.66 SG	6.57 SG
10	6.39 S	6.59 S	6.61 S	6.64 S	6.67 S	6.50 S	6.41 S	6.58 S	6.58 BM	6.59 SG	6.42 SG
11	6.22 S	6.33 S	6.43 S	6.43 S	6.53 S	6.51 S	6.48 FG	6.55 S	6.28 SG	6.60 S	6.38 S
12	6.13 S	6.28 S	6.28 S	6.28 CS	6.38 S	6.34 S	6.38 S	6.42 S	6.28 FS	6.40 S	6.36 SG
13	6.11 S	6.26 S	6.02 S	6.06 CS	6.16 S	6.13 S	6.19 S	6.24 S	6.15 FS	6.24 CS	6.05 SG
14	6.02 S	6.09 S	5.90 CS	5.99 CS	6.01 S	6.00 CS	5.97 S	6.01 CS	6.06 S	6.08 CS	5.91 CS
15	5.74 S	5.83 S	5.79 SG	5.94 S	5.77 FG	5.80 CS	5.90 FG	5.83 CS	5.89 S	6.00 CS	5.80 S
16	5.53 S	5.58 S	5.61 G	5.57 CS	5.57 FG	5.57 FG	5.74 FG	5.82 CS	5.69 S	5.82 S	5.70 S
17	5.42 G	5.38 SG	5.40 G	5.46 G	5.42 G	5.39 G	5.37 G	5.61 CS	5.69 S	5.69 S	5.58 FG
18	5.33 G	5.32 CS	5.33 G	5.35 G	5.33 G	5.31 CG	5.30 CG	5.37 SG	5.50 S	5.53 S	5.37 CG
19	5.28 G	5.23 G	5.28 G	5.28 CG	5.24 G	5.25 CG	5.26 CG	5.33 G	5.26 G	5.28 G	5.28 CG
20	5.28 G	5.29 G	5.27 G	5.26 HB	5.30 G	5.23 G	5.23 G	5.24 G	5.28 S	5.28 HB	5.31 HB
21	5.81 G	5.75 G	5.76 G	5.77 S	5.77 BM	5.69 BM	5.68 BM	5.71 BM	5.87 S	5.83 BM	5.42 BM
22	5.98 G	5.94 G	5.98 G	5.97 CG	5.99 G	5.96 G	5.96 G	5.95 G	6.02 G	6.02 G	6.00 G
23	7.15-	7.13 BM	7.12 BM	7.14 BM	7.16 BM	7.14 BM	7.14-	7.14-	7.14-	7.01 BM	6.49 BM
24	7.05-	7.04 BM	7.05 BM	7.05 BM	7.06 BM	7.06 BM	7.06-	7.06-	7.06-	7.06-	7.06-
25	7.03-	7.07 BM	7.02 BM	7.06 BM	7.09 BM	7.08 BM	7.08-	7.08-	7.08-	7.08-	7.08-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	7.0	1.1	1.3	< 0.0	0.9	1.3	1.5	3.4	10.0	3.5	5.8
BED ELEVATION	6.93	7.23	7.15		7.27	7.16	7.03	7.01	6.58	6.97	6.87
RIGHT EDGE WATER	22.8	>25.0	>25.0	>25.0	>25.0	>25.0	22.9	22.9	22.9	23.0	23.0
BED ELEVATION	6.58						6.57	6.56	6.55	7.01	6.49

TABLE 27.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1241, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1257	7- 7 1059	7- 9 1330	7-12 1157	7-16 1426	7-20 1432	7-23 1510	7-26 1037	7-29 1457	9-15 1345	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.68	6.50	6.41*	6.30*	6.25*	6.26*	6.26*	6.23*	6.21*	6.17*	
RIGHT BANK GAGE	6.69	6.51	6.42	6.31	6.26	6.27	6.27	6.24	6.22	6.18	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.23
1	7.26-	7.26-	7.26-	7.26-	7.26-	7.26-	7.26-	7.26-	7.26-	7.26-	7.22
2	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.92
3	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	7.01-	6.98
4	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.93
5	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.89
6	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.78
7	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.69
8	6.64 SG	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.59
9	6.51 FS	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.44
10	6.47 SG	6.50 SG	6.50-	6.50-	6.50-	6.50-	6.50-	6.50-	6.50-	6.50-	6.25
11	6.32 SG	6.32 SG	6.31 S	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	6.31-	5.44
12	6.19 S	6.17 FS	6.14 FS	6.20 S	6.23 S	6.19 FS	6.18 S	6.20 CS	6.19 FS	6.19-	5.48
13	6.06 SG	6.10 FS	6.08 FS	6.19 S	6.22 S	6.20 FS	6.21 S	6.19 CS	6.19 S	6.19-	5.53
14	5.99 S	5.95 FS	5.97 FS	6.18 S	6.22 S	6.16 S	6.18 S	6.18 CS	6.18 S	6.18-	5.54
15	5.88 S	5.81 S	5.78 FS	6.11 S	6.12 S	6.11 S	6.11 S	6.10 CS	6.09 CS	6.09 S	5.52
16	5.70 SG	5.69 S	5.70 S	6.00 FS	5.85 FS	5.98 FS	5.96 S	5.96 FS	5.95 S	5.95 S	5.46
17	5.48 CG	5.61 S	5.82 S	5.79 S	5.85 S	5.83 S	5.85 S	5.85 S	5.82 S	5.90 S	5.37
18	5.39 CG	5.40 S	5.69 S	5.72 S	5.75 S	5.76 S	5.78 S	5.77 S	5.77 S	5.82 S	5.30
19	5.28 CG	5.28 CG	5.55 S	5.62 S	5.55 S	5.57 S	5.60 S	5.63 S	5.55 S	5.56 S	5.22
20	5.29 HB	5.30 HB	5.30 HB	5.37 G	5.36 S	5.36 FG	5.36 CS	5.36 CS	5.34 FG	5.36 S	5.23
21	5.32 BM	6.00 BM	5.49 FG	5.49 CG	5.46 BM	5.87 BM	5.92 BM	5.92 BM	5.93 BM	5.94 BM	5.41
22	5.99 G	6.01 G	6.00 G	6.01 CG	6.06 G	6.04 G	6.04 G	6.02 CG	5.99 SG	6.00 BM	5.94
23	6.45 BM	6.45-	6.45-	6.45-	6.45-	6.45-	6.45-	6.45-	6.45-	6.45-	6.45
24	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.03
25	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.02
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	7.2	10.0	10.4	11.3	11.5	11.4	11.4	11.5	11.7	14.2	
RIGHT EDGE WATER BED ELEVATION	6.68	6.50	6.41	6.30	6.25	6.26	6.26	6.23	6.21	6.17	
	23.0	22.9	22.9	22.8	22.8	22.8	22.8	22.7	22.7	22.6	
	6.45	6.51	6.33	6.31	6.26	6.27	6.27	6.24	6.22	6.18	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 28.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1284, EAST FORK RIVER, WYOMING, 1980

DATE	5-13	5-14	5-16	5-19	5-21	5-22	5-24	5-27	5-28	5-30	6-1
TIME	1141	1312	1105	1125	1125	1640	1610	1151	1135	1115	1110
WATER SURFACE(1)											
LEFT BANK GAGE	6.55	6.51	6.43	6.50	6.84	7.16	7.44	6.64	6.59	6.47	6.46
RIGHT BANK GAGE	6.55	6.51	6.43	6.50	6.84	7.15	7.42	6.65	6.60	6.46	6.46
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.28+	7.28+	7.28+	7.28+	7.28+	7.28+	7.28	7.28-	7.28-	7.28-	7.28-
1	6.45 BM	6.46 BM	6.46-	6.46-	6.52 BM	6.56 BM	6.52 BM	6.55 BM	6.52 BM	6.52-	6.52-
2	5.95 BM	5.99 BM	5.93 BM	5.98 BM	5.94 M	5.83 CS	5.85 SG	5.94 BM	5.93 BM	5.92 M	5.95 BM
3	5.67	5.68 G	5.66 SG	5.68 S	5.66 FG	5.67 CS	5.70 SG	5.64 G	5.64 G	5.65	5.66 G
4	5.76 G	5.79 G	5.84 CS	5.80 S	5.80 FG	5.78 CS	5.76 SG	5.74 G	5.72 G	5.74 G	5.73 G
5	5.86 S	5.90 SG	5.93 CS	5.92 S	5.91 S	5.80 S	5.79 SG	5.76 FG	5.80 CS	5.86 CS	5.85 FG
6	5.99 S	6.08 CS	6.08 CS	6.00 S	5.93 S	5.81 S	5.79 SG	5.84 FG	5.84 CS	5.89 CS	5.86 FG
7	6.05 S	6.11 S	6.21 CS	6.00 S	5.93 CS	5.80 CS	5.80 SG	5.91 S	5.95 S	5.92 S	5.95 CS
8	6.07 S	6.19 S	6.18 CS	6.05 S	5.96 S	5.78 S	5.77 SG	5.99 S	5.94 S	6.10 S	5.95 CS
9	6.23 S	6.22 S	6.17 CS	6.08 S	5.93 S	5.87 S	5.81 SG	6.04 S	6.04 S	6.21 S	6.07 CS
10	6.23 S	6.23 S	6.19 CS	6.09 S	6.04 CS	5.95 S	5.86 SG	6.15 S	6.01 S	6.19 S	6.18 S
11	6.15 S	6.31 S	6.16 CS	6.11 S	6.03 S	5.99 S	5.94 S	6.25 S	6.27 S	6.18 S	6.12 S
12	6.15 S	6.21 S	6.21 CS	6.12 S	6.09 S	6.05 S	6.02 S	6.32 S	6.35 S	6.32 S	6.24 S
13	6.17 S	6.18 S	6.19 CS	6.10 S	6.13 S	6.10 FG	6.10 S	6.26 S	6.35 S	6.29 S	6.26 S
14	6.23 S	6.11 S	6.23 CS	6.28 S	6.14 S	6.11 FG	6.15 S	6.21 S	6.31 S	6.34 S	6.30 S
15	6.15 S	6.18 S	6.21 CS	6.22 S	6.22 S	6.13 M	6.06 S	6.31 S	6.45 S	6.41 S	6.36 FG
16	6.22 S	6.20 S	6.25 CS	6.20 S	6.12 S	6.18 M	6.18 S	6.33 S	6.40 S	6.44 S	6.44 FG
17	6.26 S	6.23 FG	6.25 CS	6.23 BM	6.24 S	6.25 M	6.23 S	6.37 S	6.40 S	6.38 S	6.44 FG
18	6.38 BM	6.46 BM	6.41 BM	6.47 BM	6.44 S	6.45 M	6.44 S	6.52 S	6.46 BM	6.43 BM	6.43 M
19	6.84+	6.84+	6.84+	6.84+	6.84	6.95 BM	6.96 BM	6.96-	6.96-	6.96-	6.96-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.8	1.0	1.2	1.2	0.3	0.3	< 0.0	0.5	0.5	1.3	1.2
BED ELEVATION	6.55	6.46	6.05	6.05	6.74	6.76		6.64	6.59	6.06	6.06
RIGHT EDGE WATER	18.4	18.3	18.2	18.3	19.0	>19.0	>19.0	18.5	18.4	18.2	18.2
BED ELEVATION	6.55	6.51	6.43	6.50	6.84			6.65	6.60	6.46	6.46

TABLE 28.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1284, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1130	6- 5 925	6- 7 1100	6- 9 1255	6-10 1301	6-11 1319	6-12 1245	6-13 1226	6-14 1600	6-15 1244	6-16 1146
WATER SURFACE(1)											
LEFT BANK GAGE	6.48	6.50	6.60	7.08	7.29	7.51	7.68	7.57	7.44	7.29	6.91
RIGHT BANK GAGE	6.48	6.51	6.61	7.08	7.29	7.51	7.67	7.59	7.44	7.29	6.91
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.28-	7.28-	7.28-	7.28-	7.28	7.30	7.31	7.25	7.29	7.26	7.26-
1	6.45 BM	6.46 BM	6.54 BM	6.55 BM	6.42 BM	6.41 BM	6.52 BM	6.47 BM	6.47 BM	6.46 BM	6.15 BM
2	5.95 BM	5.99 BM	5.91 S	5.88 S	5.93 BM	5.80 BM	5.78 G	5.83 G	5.82 G	5.82 FG	5.76 FG
3	5.67 G	5.66 G	5.64 SG	5.67 G	5.64 FG	5.66 G	5.65 G	5.69 G	5.64 G	5.65 G	5.66 G
4	5.77 FG	5.76 G	5.77 CS	5.77 CS	5.76 FG	5.73 G	5.75 G	5.73 G	5.74 G	5.72 G	5.74 G
5	5.84 FG	5.84 FG	5.81 CS	5.79 FG	5.79 SG	5.80 FG	5.80 G	5.78 FG	5.79 G	5.81 G	5.80 FG
6	5.90 FG	5.88 FG	5.85 CS	5.83 CS	5.80 CS	5.80 G	5.81 FG	5.79 FG	5.84 FG	5.81 G	5.84 FG
7	6.03 FG	6.02 FG	5.99 S	5.84 CS	5.82 CS	5.81 SG	5.81 G	5.80 CS	5.79 G	5.84 S	5.88 FG
8	6.15 CS	6.10 SG	5.99 S	5.88 CS	5.84 CS	5.86 SG	5.86 G	5.82 CS	5.84 G	5.88 S	5.90 CS
9	6.18 CS	6.04 SG	5.98 S	5.91 S	5.81 S	5.85 SG	5.87 FG	5.86 S	5.90 G	5.91 S	5.92 S
10	6.13 S	6.11 CS	6.02 S	5.93 S	5.87 CS	5.87 G	5.93 S	5.94 S	5.93 S	5.82 S	6.02 S
11	6.17 S	6.12 CS	6.03 S	6.05 S	5.98 S	5.93 G	5.99 S	5.98 S	6.02 S	6.02 S	6.05 S
12	6.15 S	6.15 S	6.11 S	6.07 S	6.05 S	6.03 S	6.05 S	6.00 S	6.07 S	6.05 S	6.26 S
13	6.11 S	6.15 S	6.08 S	6.09 S	6.09 S	6.11 S	6.05 S	6.11 S	6.12 S	6.10 S	6.21 S
14	6.08 S	6.13 S	6.10 S	6.14 S	6.14 S	6.15 SG	6.08 S	6.13 S	6.08 S	6.22 S	6.30 S
15	6.15 S	6.21 S	6.15 S	6.04 S	6.13 S	6.11 SG	6.10 S	6.18 S	6.20 S	6.29 S	6.35 S
16	6.22 S	6.24 S	6.15 S	6.03 S	6.17 S	6.15 S	6.17 S	6.18 S	6.24 S	6.39 S	6.42 S
17	6.34 FS	6.31 FS	6.34 S	6.22 FS	6.25 S	6.25 S	6.29 S	6.25 S	6.39 S	6.43 S	6.51 FS
18	6.44 M	6.47 BM	6.44 S	6.40 FS	6.42 BM	6.46 S	6.49 S	6.50 S	6.48 S	6.47 FS	6.53 FS
19	6.96-	6.96-	6.96-	6.96 BM	6.99 BM	7.00 BM	7.00 BM	7.01 BM	6.92 BM	6.96 BM	6.96-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.6	0.6	0.4	0.2	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	0.3
BED ELEVATION	6.48	6.50	6.60	6.75	>19.0	>19.0	>19.0	>19.0	>19.0	>19.0	6.70
RIGHT EDGE WATER	18.3	18.3	18.7	>19.0	>19.0	>19.0	>19.0	>19.0	>19.0	>19.0	18.9
BED ELEVATION	6.48	6.51	6.61	6.61							6.91

TABLE 28.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1284, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1208	6-18 1340	6-19 1054	6-20 1114	6-21 1151	6-23 1100	6-25 1327	6-27 1256	6-29 1335	7- 1 1136	7- 3 1153
WATER SURFACE(1)											
LEFT BANK GAGE	6.98	7.27	7.20	7.38	7.34	7.23	7.12	7.08	6.65	7.06	6.93
RIGHT BANK GAGE	6.97	7.27	7.19	7.38	7.33	7.21	7.10	7.06	6.64*	7.04	6.92
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.26-	7.27 BM	7.27-	7.27 BM	7.29 BM	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-
1	6.10 BM	6.04 BM	6.11 BM	6.08 BM	6.07 BM	6.06 BM	6.04 BM	6.01 BM	5.97 BM	5.97 BM	5.92-
2	5.80 S	5.77 S	5.95 BM	5.90 BM	5.71 S	5.93 BM	5.85 BM	5.71 BM	5.74 S	5.76 BM	5.81 FG
3	5.63 G	5.72 G	5.65 G	5.67 G	5.66 G	5.65 G	5.63 G	5.66 G	5.77 FG	5.74 G	5.65
4	5.76 SG	5.75 G	5.73 G	5.75 G	5.76 G	5.74 G	5.73 G	5.78 G	5.93 S	5.82 G	5.75 G
5	5.88 S	5.82 S	5.82 FG	5.78 S	5.79 G	5.77 SG	5.82 G	5.82 S	5.92 S	5.85 FG	5.76 SG
6	5.84 S	5.92 FG	5.81 CS	5.79 S	5.79 CS	5.83 SG	5.84 S	5.86 S	5.86 S	5.83 G	5.81 FG
7	5.83 S	5.99 SG	5.81 CS	5.78 S	5.80 CS	5.90 CS	5.81 CS	5.96 S	5.75 S	5.92 CS	5.80 SG
8	5.86 S	6.05 SG	5.90 S	5.81 S	5.83 S	5.93 CS	5.73 CS	5.87 S	5.94 S	5.92 S	5.83 SG
9	5.98 S	5.67 S	6.03 S	5.89 S	5.94 S	5.94 S	5.89 S	5.74 SG	6.17 S	6.04 S	5.90 S
10	6.06 S	5.86 S	5.98 S	5.98 S	6.05 S	6.03 S	5.86 S	5.75 S	6.20 S	6.24 S	5.99 S
11	6.24 S	6.12 S	6.09 S	6.10 S	5.96 S	6.12 S	5.98 S	6.04 S	6.20 S	6.08 S	6.00 S
12	6.31 S	6.09 S	6.19 S	6.19 S	6.12 S	6.26 S	6.26 S	6.19 S	6.36 SG	5.98 CS	6.11 S
13	6.18 S	6.25 S	6.15 S	6.34 S	6.23 S	6.10 S	6.46 S	6.44 S	6.38 SG	6.12 CS	6.12 S
14	6.34 S	6.37 S	6.14 S	6.26 S	6.40 S	6.37 S	6.39 S	6.44 S	6.38 SG	6.28 S	6.12 S
15	6.43 S	6.23 S	6.17 S	6.19 S	6.22 S	6.47 S	6.42 S	6.46 S	6.45 S	6.32 FG	6.18 S
16	6.61 S	6.15 S	6.35 S	6.32 S	6.44 S	6.54 S	6.60 S	6.64 S	6.52 S	6.29 S	6.24 FG
17	6.65 S	6.26 S	6.37 S	6.23 S	6.51 S	6.72 S	6.76 S	6.58 S	6.58 S	6.31 S	6.32 FG
18	6.71 FS	6.51 S	6.46 S	6.50 S	6.53 S	6.68 S	6.78 S	6.64 S	6.64 S	6.51 S	6.51 FS
19	6.95 BM	6.98 BM	7.01 BM	6.96 BM	7.01 BM	7.04 BM	7.03 BM	7.02 BM	7.02-	6.99 BM	6.99-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.2	0.0	0.2	< 0.0	< 0.0	0.2	0.2	0.2	0.3	0.3	0.2
BED ELEVATION	6.68	7.27	6.68			6.45	6.95	6.44	6.35	6.41	6.38
RIGHT EDGE WATER	>19.0	>19.0	>19.0	>19.0	>19.0	>19.0	>19.0	>19.0	16.6	19.2	18.9
BED ELEVATION	6.95								6.64	7.04	6.92

TABLE 28.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1284, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1306	7- 7 1050	7- 9 1334	7-12 1148	7-16 1419	7-20 1422	7-23 1503	7-26 1031	7-29 1450	9-15 1315	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.71	6.55	6.49	6.34	6.27	6.29	6.29	6.26	6.24	6.19	
RIGHT BANK GAGE	6.70	6.54	6.49*	6.34*	6.27*	6.29*	6.29*	6.26*	6.24*	6.19*	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.25
1	5.91 FG	5.93 G	5.96 G	5.95 FG	5.94 FG	5.94 SG	5.95 FG	6.13 FG	5.93 CS	5.98 BM	5.91
2	5.64 BM	5.83 BM	5.87 BM	5.83 BM	5.82 BM	5.80 BM	5.81 BM	5.75 BM	5.82 BM	5.80 S	5.64
3	5.64 G	5.66 CG	5.69 FG	5.72 SG	5.71 FG	5.69 CS	5.71 FG	5.69 SG	5.72 FG	5.98 CS	5.29
4	5.74 G	5.82 CS	5.84 FG	5.83 CS	5.84 S	5.81 CS	5.83 CS	5.82 CS	5.81 FG	5.94 CS	5.43
5	5.74 G	5.85 S	5.92 S	5.85 CS	5.85 S	5.84 CS	5.86 FG	5.86 CS	5.84 S	6.00 CS	5.54
6	5.77 FG	5.92 S	6.09 S	5.83 CS	5.85 S	5.86 CS	5.88 CS	5.86 CS	5.87 S	6.01 CS	5.36
7	5.81 S	5.97 S	6.10 S	5.95 S	5.95 S	5.91 CS	5.95 CS	5.93 CS	5.94 S	5.98 CS	5.53
8	5.83 FG	5.96 S	6.18 S	6.01 CS	5.97 CS	5.99 SG	5.99 SG	5.97 SG	5.99 SG	5.99 S	5.35
9	5.93 S	6.15 S	6.13 S	6.11 SG	6.08 SG	6.07 SG	6.07 SG	6.04 SG	6.03 SG	6.06 S	5.61
10	6.09 S	6.26 S	6.31 S	6.13 S	6.13 S	6.09 CS	6.12 SG	6.09 SG	6.12 SG	6.11 S	5.61
11	6.09 S	6.29 S	6.22 S	6.21 FS	6.18 FS	6.17 FS	6.17 S	6.18 S	6.20 S	6.18 S	5.55
12	6.11 S	6.22 S	6.18 S	6.23 FS	6.20 FS	6.19 FS	6.19 FS	6.20 FS	6.21 FS	6.21-	5.53
13	6.19 S	6.20 S	6.28 S	6.26 FS	6.27 FS	6.27 FS	6.27 FS	6.26 S	6.26-	6.26-	5.47
14	6.28 S	6.32 S	6.29 S	6.32 FS	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	5.51
15	6.30 FS	6.35 S	6.38 S	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	5.41
16	6.31 FS	6.39 FS	6.34 FS	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	6.34-	5.30
17	6.39 FS	6.42 FS	6.38 FS	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.38-	6.22
18	6.49 FS	6.42 FS	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.38
19	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.84
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.2	0.1	0.1	0.3	0.4	0.3	0.4	0.3	0.4	0.5	
BED ELEVATION	6.33	6.55	6.49	6.34	6.27	6.29	6.29	6.26	6.24	6.19	
RIGHT EDGE WATER	18.5	18.3	17.8	14.9	13.0	13.6	13.6	13.0	12.6	11.8	
BED ELEVATION	6.70	6.54	6.49	6.34	6.27	6.29	6.29	6.26	6.24	6.19	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 29.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1315, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1150	5-14 1311	5-16 1055	5-19 1121	5-21 1119	5-22 1627	5-24 1449	5-27 1140	5-28 1143	5-30 1114	6- 1 1059
WATER SURFACE(1)											
LEFT BANK GAGE	6.59	6.54	6.46	6.52	6.86	7.17	7.47	6.68	6.63	6.51	6.49
RIGHT BANK GAGE	6.57	6.53	6.46	6.51	6.85	7.14	7.46	6.67	6.62	6.50*	6.50
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.20+	7.20+	7.20+	7.20+	7.20+	7.20+	7.20 BM	7.20-	7.20-	7.20-	7.20-
1	7.17+	7.17+	7.17+	7.17+	7.17+	7.17 BM	7.15 BM	7.15-	7.15-	7.15-	7.15-
2	6.86+	6.86+	6.86+	6.86+	6.86+	6.86 BM	6.87 BM	6.87-	6.87-	6.87-	6.87-
3	5.93 M	5.97 S	5.96 BM	5.95 BM	5.95 FS	5.95 BM	5.96 BM	5.93 M	5.93 G	5.93 M	5.94 BM
4	5.97 G	6.01 SG	5.96 M	6.00 M	5.99 S	5.97 BM	5.95 FG	5.96 G	5.97 G	5.96 G	5.96 G
5	6.02 FG	6.05 SG	6.04 G	6.04 S	6.04 SG	6.04 FG	6.00 CS	6.00 FG	6.01 G	6.03 FG	6.05 G
6	6.12 FG	6.15 SG	6.12 G	6.12 S	6.12 SG	6.12 FG	6.10 FG	6.05 FG	6.05 G	6.05 FG	6.07 G
7	6.11 FG	6.13 FG	6.13 G	6.14 S	6.13 SG	6.14 FG	6.09 G	6.08 FG	6.09 G	6.09 G	6.11 G
8	6.09 FG	6.10 FG	6.11 G	6.11 SG	6.11 SG	6.11 FG	6.09 FG	6.11 FG	6.11 G	6.08 G	6.11 G
9	6.07 FG	6.09 FG	6.09 G	6.10 SG	6.08 S	6.07 FG	6.07 G	6.12 FG	6.14 FG	6.15 FG	6.13 G
10	6.16 FG	6.15 FG	6.18 G	6.18 SG	6.14 S	6.11 FG	6.14 G	6.17 FG	6.19 FG	6.16 FG	6.18 G
11	6.18 FG	6.19 FG	6.19 G	6.20 SG	6.16 S	6.13 CS	6.13 SG	6.17 SG	6.18 FG	6.19 FG	6.20 G
12	6.20 SG	6.21 FG	6.23 G	6.21 SG	6.16 S	6.17 CS	6.16 CS	6.21 CS	6.21 FG	6.20 SG	6.21 G
13	6.22 SG	6.21 FG	6.22 G	6.21 SG	6.15 S	6.20 CS	6.17 CS	6.21 CS	6.20 CS	6.23 SG	6.19 G
14	6.16 CS	6.23 CS	6.20 FG	6.19 SG	6.14 S	6.15 CS	6.17 CS	6.23 CS	6.20 CS	6.16 SG	6.21 G
15	6.29 CS	6.25 S	6.17 FG	6.15 SG	6.14 S	6.16 CS	6.18 S	6.31 CS	6.19 S	6.22 CS	6.22 FG
16	6.30 CS	6.26 S	6.16 FG	6.16 SG	6.12 S	6.14 CS	6.16 S	6.26 CS	6.23 S	6.25 CS	6.21 SG
17	6.24 CS	6.26 S	6.19 CS	6.14 SG	6.13 S	6.14 CS	6.16 S	6.20 S	6.16 S	6.29 CS	6.17 S
18	6.20 CS	6.29 S	6.19 CS	6.15 SG	6.14 S	6.15 CS	6.16 S	6.22 S	6.14 S	6.21 CS	6.16 S
19	6.20 CS	6.30 S	6.22 CS	6.14 SG	6.16 S	6.15 CS	6.15 S	6.32 S	6.15 S	6.28 S	6.20 S
20	6.28 CS	6.30 S	6.19 CS	6.16 S	6.15 S	6.12 CS	6.18 S	6.46 S	6.39 SG	6.19 S	6.12 S
21	6.22 CS	6.27 S	6.23 CS	6.13 S	6.14 S	6.13 CS	6.44 S	6.57 S	6.52 SG	6.22 S	6.20 S
22	6.20 CS	6.27 S	6.19 CS	6.11 S	6.07 S	6.20 FS	6.51 FS	6.59 S	6.58 SG	6.35 S	6.09 S
23	6.27 S	6.30 S	6.19 S	6.10 FS	6.07 S	6.30 FS	6.73 FS	6.61 FS	6.60 FS	6.60-	6.19 S
24	6.51 S	6.43 S	6.17 S	6.19 BM	6.25 S	6.40 S	6.65 FS	6.65 FS	6.62 FS	6.62-	6.50 S
25	6.76+	6.76+	6.76+	6.76+	6.76 M	6.78 BM	6.76 BM	6.76-	6.76-	6.76-	6.76-
26	7.33+	7.33+	7.33+	7.33+	7.33+	7.33+	7.33 BM	7.33-	7.33-	7.33-	7.33-
27	7.31+	7.31+	7.31+	7.31+	7.31+	7.31+	7.31 BM	7.31-	7.31-	7.31-	7.31-
28	7.32+	7.32+	7.32+	7.32+	7.32+	7.32+	7.32 BM	7.32-	7.32-	7.32-	7.32-
29	7.28+	7.28+	7.28+	7.28+	7.28+	7.28+	7.28 BM	7.28-	7.28-	7.28-	7.28-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.2	2.4	2.4	2.5	2.2	1.0	< 0.0	2.1	2.2	2.1	2.2
BED ELEVATION	6.12	6.10	6.08	6.06	6.86	7.17		6.13	6.10	6.11	6.09
RIGHT EDGE WATER	24.5	24.4	24.8	24.7	25.4	25.8	>29.0	24.1	24.0	22.5	24.0
BED ELEVATION	6.57	6.53	6.44	6.51	6.85	6.93		6.67	6.62	6.50	6.50

TABLE 29.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1315, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 1122	6-5 918	6-7 1058	6-9 1300	6-10 1231	6-11 1316	6-12 1220	6-13 1204	6-14 1535	6-15 1219	6-16 1144
WATER SURFACE(1)											
LEFT BANK GAGE	6.50	6.52	6.62	7.10	7.31	7.51	7.68	7.58	7.46	7.32	6.94
RIGHT BANK GAGE	6.50	6.52	6.61	7.08	7.28	7.50	7.66	7.58	7.45	7.30	6.94
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.20-	7.20-	7.20-	7.20-	7.26 BM	7.22 BM	7.24 BM	7.23 BM	7.26 BM	7.24 BM	7.24-
1	7.15-	7.15-	7.15-	7.15-	7.15 BM	7.12 BM	7.15 BM	7.16 BM	7.15 BM	7.14 BM	7.14-
2	6.87-	6.87-	6.87-	6.90 BM	6.86 BM	6.80 BM	6.78 BM	6.88 BM	6.84 BM	6.82 BM	6.87 BM
3	5.94 M	5.93 FG	5.96 M	5.92 G	5.93 G	5.93 SG	5.93 G	5.92 SG	5.94 FG	5.93 FG	5.91 G
4	5.98 G	5.98 FG	5.94 G	5.95 G	5.95 FG	5.94 FG	5.94 FG	5.93 SG	5.93 G	5.91 G	5.91 G
5	6.02 FG	6.02 G	6.01 G	6.01 G	6.03 FG	5.99 FG	6.04 FG	5.99 G	6.01 FG	6.00 G	5.93 G
6	6.08 FG	6.07 G	6.04 G	6.07 G	6.06 FG	6.07 FG	6.08 FG	6.06 G	6.04 FG	6.03 FG	6.01 FG
7	6.11 G	6.11 G	6.10 G	6.09 G	6.10 G	6.08 FG	6.09 FG	6.08 G	6.09 FG	6.06 FG	6.05 FG
8	6.11 G	6.12 G	6.12 G	6.10 G	6.09 FG	6.09 FG	6.09 FG	6.09 G	6.08 FG	6.09 G	6.15 FG
9	6.15 G	6.14 G	6.13 G	6.11 G	6.10 FG	6.08 FG	6.08 G	6.08 G	6.07 FG	6.13 S	6.10 S
10	6.18 FG	6.17 G	6.17 G	6.17 G	6.09 CS	6.08 FG	6.07 G	6.07 FG	6.15 S	6.10 S	6.08 SG
11	6.20 FG	6.20 G	6.20 FG	6.18 G	6.13 SG	6.10 SG	6.11 S	6.10 FG	6.20 S	6.14 S	6.10 S
12	6.22 FG	6.22 FG	6.22 FG	6.18 G	6.18 CS	6.17 CS	6.16 S	6.16 SG	6.15 S	6.14 S	6.10 S
13	6.20 FG	6.20 FG	6.17 FG	6.18 G	6.17 CS	6.24 S	6.17 FG	6.18 CS	6.17 S	6.16 S	6.11 S
14	6.18 FG	6.16 FG	6.13 FG	6.11 G	6.15 S	6.13 G	6.13 FG	6.17 S	6.14 S	6.13 S	6.13 S
15	6.24 FG	6.23 FG	6.12 FG	6.10 G	6.13 S	6.12 S	6.15 S	6.16 S	6.11 S	6.11 CS	6.13 S
16	6.17 FG	6.19 SG	6.18 FG	6.18 G	6.18 S	6.16 S	6.16 S	6.16 S	6.20 S	6.16 CS	6.16 S
17	6.13 FG	6.13 FG	6.13 FG	6.17 G	6.14 S	6.12 FG	6.13 S	6.14 S	6.15 S	6.14 CS	6.12 SG
18	6.11 FG	6.12 FG	6.11 SG	6.12 G	6.14 S	6.12 CS	6.13 S	6.17 S	6.20 S	6.20 S	6.46 S
19	6.12 SG	6.12 FG	6.14 S	6.10 S	6.13 FG	6.18 S	6.22 S	6.19 S	6.35 S	6.23 S	6.57 S
20	6.15 S	6.11 G	6.11 S	6.09 S	6.18 S	6.22 S	6.42 S	6.43 S	6.46 S	6.49 S	6.73 CS
21	6.11 S	6.11 S	6.07 S	6.06 S	6.39 S	6.44 S	6.61 S	6.73 S	6.71 S	6.70 S	6.72 CS
22	6.11 S	6.07 S	6.05 S	6.17 S	6.68 S	6.70 S	6.71 S	6.84 S	6.79 S	6.86 S	6.73 CS
23	6.13 FS	6.12 SG	6.11 SG	6.09 S	6.86 S	6.83 S	6.85 S	6.86 S	6.95 S	6.85 S	6.65 CS
24	6.48 FS	6.45 S	6.48 FS	6.38 S	6.87 S	6.85 S	6.90 S	6.93 S	7.00 S	6.95 S	6.69 S
25	6.76-	6.76-	6.76-	6.85 FS	6.80 S	6.86 S	6.85 S	6.86 S	6.98 S	6.89 S	6.88 FS
26	7.33-	7.33-	7.33-	7.33-	7.33-	7.30 BM	7.30 BM	7.32 BM	7.29 BM	7.29 BM	7.29-
27	7.31-	7.31-	7.31-	7.31-	7.31-	7.29 BM	7.28 BM	7.30 BM	7.29 BM	7.29 BM	7.29-
28	7.32-	7.32-	7.32-	7.32-	7.32-	7.27 BM	7.28 BM	7.29 BM	7.25 BM	7.25 BM	7.25-
29	7.28-	7.28-	7.28-	7.28-	7.28-	7.25 BM	7.24 BM	7.26 BM	7.24 BM	7.24 BM	7.24-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.2	2.2	2.3	1.3	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	1.9
BED ELEVATION	6.12	6.11	6.12	7.10							6.94
RIGHT EDGE WATER	24.1	24.3	24.4	25.7	25.8	>29.0	>29.0	>29.0	>29.0	>29.0	25.4
BED ELEVATION	6.50	6.52	6.61	7.02	7.00						6.94

TABLE 29.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1315, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1136	6-18 1225	6-19 1029	6-20 1050	6-21 1125	6-23 1033	6-25 1358	6-27 1320	6-29 1343	7- 1 1127	7- 3 1146
WATER SURFACE(1)											
LEFT BANK GAGE	7.03	7.29	7.22	7.38	7.35	7.24	7.15	7.10	6.69	7.07	6.95
RIGHT BANK GAGE	7.00	7.26	7.19	7.37	7.34	7.24	7.14	7.09	6.68	7.05	6.93
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.24-	7.26 BM	7.26-	7.24 BM	7.24 BM	7.24 BM	7.24-	7.24-	7.24-	7.24-	7.24-
1	7.14-	7.15 BM	7.14-	7.14 BM	7.13 BM	7.13 BM	7.14 BM	7.14-	7.14-	7.14-	7.14-
2	6.85 BM	6.84 BM	6.80 BM	6.84 BM	6.82 BM	6.78 BM	6.77 BM	6.80 BM	6.80-	6.87 BM	6.89 BM
3	5.92 G	5.91 G	5.92 G	5.94 FG	5.95 G	5.96 FG	5.95 SG	5.93 G	5.91 FG	5.92 G	5.91 HB
4	5.92 G	5.91 G	5.93 G	5.91 FG	5.91 FG	5.85 HB	5.85 SG	5.85 G	5.85 G	5.83 G	5.84 HB
5	5.97 G	6.01 FG	6.00 G	5.96 G	5.99 FG	5.88 G	5.87 G	5.88 G	5.93 G	5.87 HB	5.88 HB
6	6.06 G	6.06 G	6.02 G	6.02 FG	6.02 FG	5.93 G	5.93 G	5.98 G	5.99 G	5.97 G	5.97 FG
7	6.08 G	6.07 G	6.03 G	6.02 FG	6.01 FG	6.01 FG	6.04 G	6.03 G	6.07 G	6.02 G	6.03 G
8	6.12 G	6.09 FG	6.05 G	6.05 FG	6.05 FG	6.09 FG	6.14 G	6.06 G	6.17 FG	6.15 FG	6.14 G
9	6.12 SG	6.07 FG	6.09 S	6.06 SG	6.07 FG	6.17 S	6.19 S	6.12 G	6.18 FG	6.19 FG	6.14 G
10	6.21 S	6.07 S	6.10 S	6.07 CS	6.11 CS	6.24 S	6.18 S	6.13 G	6.17 FG	6.13 FG	6.12 FG
11	6.32 S	6.14 S	6.09 CS	6.06 S	6.13 S	6.09 S	6.28 S	6.21 S	6.17 S	6.12 FG	6.12 FG
12	6.32 S	6.15 CS	6.12 S	6.17 S	6.20 S	6.06 FG	6.25 S	6.22 S	6.25 S	6.08 FG	6.06 SG
13	6.27 S	6.07 CS	6.16 S	6.12 S	6.13 S	6.07 FG	6.11 FG	6.20 S	6.19 S	6.05 FG	6.07 SG
14	6.19 S	6.16 S	6.09 S	6.11 S	6.10 SG	6.09 SG	6.05 S	6.26 S	6.21 S	6.09 S	6.07 G
15	6.26 S	6.25 S	6.15 S	6.12 S	6.10 S	6.10 S	6.14 S	6.15 S	6.24 S	6.14 S	6.10 SG
16	6.21 S	6.16 S	6.12 S	6.13 FG	6.12 FG	6.13 SG	6.12 S	6.17 S	6.26 S	6.16 S	6.13 SG
17	6.26 S	6.12 FG	6.09 G	6.16 S	6.12 SG	6.23 S	6.22 S	6.20 S	6.24 S	6.15 S	6.13 SG
18	6.19 S	6.16 FG	6.15 S	6.31 S	6.21 S	6.40 S	6.32 S	6.23 S	6.26 S	6.14 FG	6.21 S
19	6.33 S	6.31 S	6.40 S	6.51 S	6.46 S	6.60 S	6.45 S	6.41 S	6.25 SG	6.16 FG	6.41 S
20	6.49 S	6.52 S	6.63 S	6.60 S	6.62 S	6.69 S	6.47 S	6.51 S	6.39 SG	6.34 FG	6.51 S
21	6.59 S	6.57 S	6.62 S	6.67 S	6.80 S	6.57 S	6.64 S	6.58 S	6.54 SG	6.49 S	6.63 S
22	6.60 S	6.68 S	6.73 S	6.70 S	6.87 S	6.65 S	6.68 S	6.63 S	6.59 SG	6.58 FG	6.57 SG
23	6.57 S	6.74 S	6.77 S	6.74 S	6.84 S	6.79 S	6.74 S	6.68 S	6.65 SG	6.62 FG	6.61 FG
24	6.62 S	6.74 S	6.79 S	6.70 S	6.76 S	6.78 S	6.81 S	6.70 S	6.70-	6.63 S	6.68 FS
25	6.79 FS	6.82 FS	6.88 S	6.81 S	6.97 FS	6.82 S	6.80 S	6.79 FS	6.79-	6.75 FS	6.75 FS
26	7.29-	7.29-	7.29-	7.32 BM	7.34 BM	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-
27	7.29-	7.29-	7.29-	7.28 BM	7.29 BM	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-
28	7.25-	7.25-	7.25-	7.29 BM	7.31 BM	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-
29	7.24-	7.24-	7.24-	7.25 BM	7.25 BM	7.25-	7.25-	7.25-	7.25-	7.25-	7.25-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.9	< 0.0	0.2	< 0.0	< 0.0	0.0	0.8	1.4	2.2	1.7	1.9
BED ELEVATION	7.03		7.23			7.24	7.15	7.10	6.16	7.07	6.95
RIGHT EDGE WATER	25.6	25.7	25.7	>29.0	>29.0	25.8	25.7	25.7	23.8	25.6	25.5
BED ELEVATION	7.00	7.02	7.01			7.04	7.04	7.03	6.68	7.03	6.91

TABLE 29.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1315, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1311	7- 7 1048	7- 9 1338	7-12 1144	7-16 1411	7-20 1414	7-23 1457	7-26 1026	7-29 1445	9-15 1310	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.73	6.57	6.50	6.34	6.28	6.30	6.30	6.27	6.25	6.20	
RIGHT BANK GAGE	6.72	6.57	6.50*	6.34*	6.28*	6.30*	6.30*	6.27*	6.25*	6.20*	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.20
1	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.12
2	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-	6.77
3	5.89 G	5.88 G	5.90 G	5.91 G	5.90 G	5.90 G	5.89 G	5.88 G	5.89 G	5.90 SG	5.88
4	5.83 HB	5.84 CG	5.83 G	5.84 CG	5.85 CG	5.85 G	5.86 CG	5.84 G	5.85 CG	5.85 G	5.80
5	5.91 HB	5.90 HB	5.93 G	5.92 G	5.94 G	5.92 G	5.97 G	5.89 G	5.94 G	5.91 G	5.85
6	5.97 G	5.97 G	6.00 G	6.01 G	6.00 G	5.99 CG	6.00 G	5.97 G	6.02 CG	6.01 SG	5.82
7	6.03 G	6.05 G	6.07 G	6.04 G	6.06 G	6.07 G	6.07 G	6.05 G	6.07 G	6.03 SG	5.66
8	6.10 FG	6.12 FG	6.13 G	6.13 FG	6.14 G	6.13 G	6.14 G	6.13 G	6.14 G	6.10 SG	5.58
9	6.19 FG	6.18 FG	6.10 G	6.21 FG	6.20 G	6.20 G	6.22 FG	6.19 G	6.22 G	6.19 FG	5.62
10	6.22 SG	6.20 FG	6.21 G	6.22 FG	6.20 G	6.20 G	6.20 FG	6.17 G	6.18 FG	6.20 FG	5.57
11	6.33 SG	6.15 SG	6.17 FG	6.14 SG	6.15 FG	6.15 FG	6.17 SG	6.15 SG	6.13 SG	6.12 FG	5.53
12	6.25 S	6.15 SG	6.17 FG	6.14 SG	6.15 SG	6.15 FG	6.17 SG	6.15 SG	6.14 SG	6.13 FG	5.40
13	6.29 S	6.16 S	6.15 FG	6.12 SG	6.11 SG	6.11 FG	6.12 SG	6.11 SG	6.10 FG	6.09 FG	5.29
14	6.28 S	6.14 S	6.11 SG	6.12 SG	6.10 FG	6.10 FG	6.09 FG	6.08 FG	6.09 FG	6.06 G	5.66
15	6.21 S	6.22 S	6.18 SG	6.12 SG	6.11 G	6.10 FG	6.11 G	6.08 G	6.11 G	6.07 G	5.80
16	6.18 S	6.25 S	6.20 FG	6.13 SG	6.15 G	6.14 FG	6.16 G	6.12 G	6.13 G	6.10 G	5.67
17	6.19 S	6.16 S	6.13 SG	6.13 SG	6.11 G	6.11 FG	6.12 FG	6.12 FG	6.12 FG	6.09 SG	5.82
18	6.21 S	6.17 S	6.11 G	6.12 SG	6.13 G	6.11 FG	6.13 FG	6.12 FG	6.12 FG	6.09 SG	5.57
19	6.24 S	6.17 S	6.14 SG	6.14 SG	6.14 G	6.12 FG	6.15 FG	6.14 FG	6.14 G	6.10 FG	5.52
20	6.45 S	6.28 S	6.12 SG	6.12 FG	6.12 G	6.11 FG	6.12 G	6.10 G	6.13 G	6.10 FG	5.82
21	6.51 S	6.29 S	6.09 S	6.05 FG	6.06 G	6.07 FG	6.07 G	6.07 FG	6.06 FG	6.04 FG	5.63
22	6.53 SG	6.56 FS	6.30 SG	6.18 SG	6.19 SG	6.19 FG	6.18 SG	6.17 SG	6.19 SG	6.08 SG	5.65
23	6.63 SG	6.63-	6.63-	6.63-	6.63-	6.63-	6.63-	6.63-	6.63-	6.63-	5.39
24	6.69 FS	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	5.51
25	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75
26	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.29
27	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.28
28	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.25
29	7.25-	7.25-	7.25-	7.25-	7.25-	7.25-	7.25-	7.25-	7.25-	7.25-	7.24
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.3	
BED ELEVATION	6.12	6.10	6.12	6.12	6.12	6.11	6.12	6.12	6.12	6.11	
RIGHT EDGE WATER	24.7	22.2	22.4	22.3	22.3	22.3	22.3	22.2	22.2	22.3	
BED ELEVATION	6.72	6.57	6.50	6.34	6.28	6.30	6.30	6.27	6.25	6.20	
LEFT EDGE BAR										9.1	
BED ELEVATION										6.20	
RIGHT EDGE BAR										10.0	
BED ELEVATION										6.20	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 30.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1360, EAST FORK RIVER, WYOMING, 1980

DATE	5-13	5-14	5-16	5-19	5-21	5-22	5-24	5-27	5-28	5-30	6-1
TIME	1131	1255	1055	1115	1115	1615	1450	1132	1124	1107	1058
WATER SURFACE(1)											
LEFT BANK GAGE	6.65	6.61	6.52*	6.57*	6.89	7.20	7.50	6.74	6.69	6.57	6.55
RIGHT BANK GAGE	6.63	6.58	6.50	6.55	6.86	7.17	7.47	6.72	6.67	6.55	6.53
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.67+	7.67+	7.67+	7.67+	7.67+	7.67+	7.67+	7.67+	7.67+	7.67+	7.67+
1	7.30+	7.30+	7.30+	7.30+	7.30+	7.30+	7.30 BM	7.30-	7.30-	7.30-	7.30-
2	6.98+	6.98+	6.98+	6.98+	6.98+	6.98 BM	7.04 BM	7.04-	7.04-	7.04-	7.04-
3	7.12+	7.12+	7.12+	7.12+	7.12+	7.12 BM	7.13 BM	7.13-	7.13-	7.13-	7.13-
4	6.90+	6.90+	6.90+	6.90+	6.90+	6.90 BM	7.00 BM	7.00-	7.00-	7.00-	7.00-
5	6.89+	6.89+	6.89+	6.89+	6.89 BM	6.89 M	6.93 BM	6.93-	6.93-	6.93-	6.93-
6	6.82+	6.82+	6.82+	6.82+	6.82 BM	6.78 M	6.84 BM	6.84-	6.84-	6.84-	6.84-
7	6.65 BM	6.65-	6.65-	6.65-	6.64 BM	6.61 FS	6.63 BM	6.65 BM	6.66 BM	6.66-	6.66-
8	6.45 G	6.48 G	6.46 G	6.46 G	6.49 S	6.50 FS	6.52 BM	6.47 G	6.49 BM	6.46 BM	6.46 BM
9	6.43 G	6.43 G	6.43 G	6.38 G	6.41 SG	6.43 SG	6.45 SG	6.42 CG	6.40 G	6.42 G	6.38 CG
10	6.36 G	6.38 G	6.37 CG	6.34 G	6.37 G	6.40 SG	6.38 SG	6.36 CG	6.33 CG	6.35 CG	6.34 CG
11	6.32 G	6.30 G	6.30 CG	6.30 G	6.28 G	6.29 G	6.30 SG	6.33 CG	6.28 CG	6.28 CG	6.29 CG
12	6.32 G	6.28 G	6.26 CG	6.26 G	6.27 G	6.27 FG	6.25 SG	6.27 CG	6.26 CG	6.28 CG	6.27 CG
13	6.24 G	6.26 G	6.24 CG	6.22 G	6.19 G	6.24 G	6.21 SG	6.21 CG	6.20 CG	6.28 CG	6.24 CG
14	6.16 G	6.18 G	6.17 CG	6.17 G	6.19 G	6.21 FG	6.21 G	6.17 G	6.16 CG	6.16 G	6.17 CG
15	6.18 G	6.15 G	6.15 CG	6.14 G	6.12 SG	6.17 FG	6.35 S	6.18 G	6.16 CG	6.15 G	6.15 G
16	6.24 G	6.24 G	6.22 CG	6.25 G	6.24 G	6.23 CS	6.44 S	6.23 G	6.23 CG	6.24 G	6.24 G
17	6.25 G	6.23 G	6.24 CG	6.23 G	6.25 CS	6.28 S	6.35 S	6.27 G	6.25 G	6.26 G	6.26 G
18	6.25 G	6.24 G	6.24 CG	6.23 G	6.22 CS	6.37 FS	6.44 S	6.26 G	6.23 FG	6.24 G	6.24 G
19	6.21 SG	6.19 G	6.18 CG	6.16 G	6.15 CS	6.37 S	6.54 S	6.30 CS	6.31 CS	6.17 G	6.17 G
20	6.31 S	6.24 CS	6.16 CG	6.16 G	6.23 S	6.40 M	6.51 S	6.41 CS	6.30 S	6.21 S	6.16 G
21	6.27 S	6.29 CS	6.18 SG	6.19 S	6.25 S	6.38 M	6.49 S	6.36 CS	6.41 S	6.26 S	6.18 SG
22	6.30 S	6.28 S	6.17 CS	6.16 S	6.28 S	6.30 M	6.38 S	6.38 CS	6.37 S	6.26 S	6.24 S
23	6.33 S	6.28 FS	6.25 SG	6.27 BM	6.27 BM	6.29 BM	6.27 M	6.27 BM	6.38 S	6.31 S	6.33 FS
24	7.18+	7.18+	7.18+	7.18+	7.18+	7.18+	7.18 BM	7.18-	7.18-	7.18-	7.18-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	7.0	7.2	7.9	7.3	5.0	1.1	0.3	6.4	6.7	7.3	7.4
BED ELEVATION	6.65	6.61	6.51	6.56	6.89	7.21	7.42	6.74	6.69	6.57	6.55
RIGHT EDGE WATER	23.3	23.1	23.2	23.0	23.7	23.8	>24.0	23.4	23.5	23.2	23.2
BED ELEVATION	6.63	6.28	6.49	6.27	6.78	7.16		6.72	6.67	6.40	6.37

TABLE 30.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1360, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3	6- 5	6- 7	6- 9	6-10	6-11	6-12	6-13	6-14	6-15	6-16
WATER SURFACE(1)	1115	910	1050	1210	1201	1144	1201	1150	1504	1200	1051
LEFT BANK GAGE	6.56	6.57	6.66	7.12	7.32	7.52	7.69	7.60	7.51	7.35	7.03
RIGHT BANK GAGE	6.52	6.55	6.63	7.09	7.30	7.51	7.68	7.58	7.47	7.32	7.01
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.67+	7.67+	7.67+	7.67+	7.67+	7.67+	7.67 BM	7.67-	7.67-	7.67-	7.67-
1	7.30-	7.30-	7.30-	7.30-	7.30-	7.28 BM	7.29 BM	7.17 BM	7.32 BM	7.24 BM	7.24-
2	7.04-	7.04-	7.04-	7.00 BM	7.00 BM	6.98 BM	6.96 BM	6.99 BM	7.00 BM	6.98 BM	6.97 BM
3	7.13-	7.13-	7.13-	7.12 BM	7.01 BM	7.12 BM	7.09 BM	7.12 BM	7.13 BM	7.10 BM	7.10-
4	7.00-	7.00-	7.00-	6.92 BM	6.90 BM	6.89 BM	6.91 BM	6.91 BM	6.93 BM	6.90 BM	6.90 BM
5	6.93-	6.93-	6.93-	6.92 BM	6.87 BM	6.88 BM	6.87 BM	6.92 BM	6.91 BM	6.90 BM	6.92 BM
6	6.84-	6.84-	6.84-	6.82 BM	6.78 BM	6.77 BM	6.78 BM	6.80 BM	6.78 BM	6.83 BM	6.79 BM
7	6.66-	6.66-	6.64 BM	6.63 BM	6.60 BM	6.60 BM	6.61 BM	6.60 BM	6.62 BM	6.61 BM	6.62 BM
8	6.48 BM	6.49 BM	6.48 BM	6.52 BM	6.50 BM	6.47 BM	6.48 FG	6.50 BM	6.57 BM	6.50 BM	6.47 BM
9	6.39 CG	6.39 CG	6.41 G	6.43 FG	6.40 S	6.42 SG	6.44 G	6.41 G	6.41 FG	6.42 G	6.42 G
10	6.35 CG	6.35 CG	6.31 G	6.35 G	6.33 G	6.36 SG	6.37 G	6.35 CG	6.32 G	6.34 G	6.35 G
11	6.32 CG	6.31 CG	6.27 G	6.30 G	6.29 G	6.29 G	6.30 G	6.30 CG	6.28 G	6.29 G	6.31 G
12	6.29 CG	6.28 CG	6.27 G	6.28 G	6.23 G	6.27 G	6.28 G	6.28 G	6.25 G	6.26 G	6.27 G
13	6.24 CG	6.25 CG	6.26 G	6.21 G	6.26 G	6.22 G	6.25 G	6.23 CG	6.20 G	6.22 G	6.21 G
14	6.16 G	6.17 CG	6.12 G	6.16 G	6.11 G	6.15 G	6.20 SG	6.29 CS	6.22 S	6.30 FG	6.15 G
15	6.14 G	6.16 G	6.15 G	6.14 G	6.14 S	6.31 S	6.38 S	6.47 S	6.41 S	6.43 FG	6.29 FG
16	6.24 G	6.24 G	6.23 G	6.26 G	6.29 S	6.52 S	6.50 S	6.60 S	6.49 S	6.56 S	6.34 FG
17	6.25 G	6.25 G	6.24 G	6.27 S	6.39 S	6.59 S	6.66 S	6.64 S	6.68 S	6.62 S	6.35 CS
18	6.23 G	6.25 G	6.24 G	6.32 S	6.56 S	6.59 S	6.69 S	6.68 S	6.63 S	6.76 S	6.60 S
19	6.18 G	6.18 G	6.18 G	6.41 S	6.54 S	6.63 S	6.71 S	6.67 S	6.84 S	6.79 S	6.65 S
20	6.17 G	6.17 G	6.17 G	6.39 S	6.50 S	6.66 FS	6.65 S	6.69 S	6.73 S	6.91 S	6.67 S
21	6.18 SG	6.20 S	6.22 S	6.39 S	6.60 S	6.66 FS	6.64 S	6.65 FS	6.76 S	6.84 S	6.75 S
22	6.20 S	6.20 S	6.33 S	6.38 S	6.48 S	6.47 M	6.54 S	6.54 S	6.56 S	6.90 S	6.76 S
23	6.33 FS	6.31 S	6.32 S	6.27 M	6.31 S	6.28 BM	6.28 M	6.30 BM	6.57 BM	6.77 S	6.80 FS
24	7.18-	7.18-	7.18-	7.18-	7.17 BM	7.18 BM	7.17 BM	7.17 BM	7.18 BM	7.17 BM	7.17-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	7.4	7.4	6.8	1.4	0.8	0.2	< 0.0	0.1	0.4	0.6	1.6
BED ELEVATION	6.56	6.57	6.66	7.13	7.33	7.51		7.61	7.52	7.37	7.04
RIGHT EDGE WATER	23.1	23.1	23.1	23.7	>24.0	>24.0	>24.0	>24.0	>24.0	>24.0	23.7
BED ELEVATION	6.34	6.34	6.32	7.09							6.79

TABLE 30.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1360, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1122	6-18 1210	6-19 1013	6-20 1035	6-21 1107	6-23 1018	6-25 1435	6-27 1355	6-29 1357	7- 1 1114	7- 3 1134
WATER SURFACE(1)											
LEFT BANK GAGE	7.06	7.31	7.25	7.39	7.38	7.29	7.18	7.14	6.73	7.09	6.97
RIGHT BANK GAGE	7.04	7.28	7.22	7.38	7.35	7.25	7.16	7.11	6.71	7.06	6.95
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-
1	7.24-	7.28 BM	7.27 BM	7.22 BM	7.24 BM	7.28 BM	7.28-	7.28-	7.28-	7.28-	7.28-
2	6.98 BM	7.00 BM	6.99 BM	6.97 BM	6.98 BM	7.00 BM	6.97 BM	7.03 BM	7.03-	6.99 BM	6.99-
3	7.10-	7.13 BM	7.11 BM	7.08 BM	7.12 BM	7.12 BM	7.06 BM	7.10 BM	7.10-	7.10-	7.10-
4	6.91 BM	6.91 BM	6.92 BM	6.90 BM	6.90 BM	6.91 BM	6.90 BM	6.93 BM	6.93-	6.86 BM	6.86 BM
5	6.91 BM	6.90 BM	6.87 BM	6.89 BM	6.88 BM	6.91 BM	6.88 BM	6.91 BM	6.91-	6.89 BM	6.93 BM
6	6.79 BM	6.80 BM	6.83 BM	6.78 BM	6.78 BM	6.83 BM	6.80 BM	6.82 BM	6.82-	6.77 BM	6.79 BM
7	6.61 BM	6.64 BM	6.63 BM	6.61 BM	6.61 BM	6.62 BM	6.62 BM	6.64 BM	6.63 BM	6.63 BM	6.62 BM
8	6.44 BM	6.52 CG	6.52 CG	6.50 G	6.50 BM	6.51 BM	6.49 G	6.52 BM	6.44 G	6.49 G	6.44 G
9	6.44 CG	6.43 CG	6.43 CG	6.40 G	6.41 G	6.43 CG	6.45 G	6.45 G	6.40 G	6.43 G	6.39 G
10	6.35 CG	6.33 CG	6.35 CG	6.35 G	6.34 CG	6.37 CG	6.36 G	6.35 G	6.33 G	6.36 CG	6.36 G
11	6.32 CG	6.30 CG	6.31 G	6.28 G	6.31 CG	6.31 CG	6.35 G	6.33 G	6.33 G	6.32 CG	6.28 G
12	6.26 CG	6.26 CG	6.29 G	6.26 G	6.27 CG	6.27 CG	6.28 G	6.28 G	6.28 G	6.28 CG	6.26 G
13	6.28 CG	6.23 CG	6.22 G	6.20 G	6.21 CG	6.22 CG	6.25 G	6.23 G	6.22 G	6.21 CG	6.19 G
14	6.10 G	6.15 CG	6.14 G	6.15 G	6.16 G	6.17 G	6.14 G	6.16 G	6.15 G	6.16 CG	6.16 G
15	6.16 G	6.21 SG	6.24 S	6.27 FG	6.31 SG	6.28 FG	6.26 G	6.21 FG	6.12 G	6.14 CG	6.16 G
16	6.27 FG	6.31 S	6.35 S	6.42 CS	6.51 CS	6.46 SG	6.35 FG	6.33 SG	6.27 FG	6.25 FG	6.26 G
17	6.32 S	6.44 S	6.52 S	6.56 S	6.65 S	6.52 CS	6.45 G	6.42 FG	6.32 FG	6.28 FG	6.34 FG
18	6.40 S	6.60 S	6.55 S	6.67 S	6.74 S	6.64 S	6.59 G	6.58 FG	6.35 FG	6.30 FG	6.41 FG
19	6.52 S	6.62 S	6.64 S	6.66 S	6.74 S	6.64 S	6.65 S	6.66 S	6.30 FG	6.35 S	6.45 CS
20	6.57 S	6.68 S	6.76 S	6.79 S	6.87 S	6.80 S	6.68 S	6.66 S	6.27 S	6.39 FS	6.57 S
21	6.63 S	6.64 FS	6.75 S	6.79 S	6.71 S	6.72 S	6.69 S	6.53 CS	6.33 S	6.43 FS	6.54 S
22	6.63 S	6.64 FS	6.72 S	6.82 S	6.80 S	6.76 S	6.66 S	6.68 FS	6.43 S	6.42 FS	6.55 S
23	6.65 FS	6.61 FS	6.76 FS	6.80 FS	6.82 S	6.78 S	6.70 S	6.66 FS	6.49 S	6.50 S	6.57 S
24	7.17-	7.20 BM	7.14 BM	7.18 BM	7.16 BM	7.19 BM	7.14 BM	7.14-	7.14-	7.14-	7.14-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.7	0.8	1.0	0.5	0.5	0.9	1.1	1.3	6.4	1.6	3.4
BED ELEVATION	7.07	7.33	7.27	7.39	7.39	7.31	7.19	7.15	6.73	7.10	6.97
RIGHT EDGE WATER	23.8	>24.0	>24.0	>24.0	>24.0	>24.0	24.1	23.8	23.4	23.8	23.9
BED ELEVATION	6.78						7.15	7.10	6.71	6.85	6.84

TABLE 30.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1360, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1320	7- 7 1032	7- 9 1350	7-12 1141	7-16 1409	7-20 1411	7-23 1453	7-26 1024	7-29 1443	9-15 1300	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.78	6.62	6.53*	6.44*	6.41*	6.42*	6.42*	6.40*	6.38*	6.35*	
RIGHT BANK GAGE	6.76	6.61	6.52	6.42	6.39	6.40	6.40	6.38	6.36	6.33	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67
1	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.17
2	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.96
3	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.01
4	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86
5	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.87
6	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.77
7	6.63 BM	6.62 BM	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.60
8	6.46 G	6.49 G	6.43 G	6.43 G	6.43-	6.43-	6.43-	6.43-	6.43-	6.43-	6.25
9	6.38 CG	6.40 CG	6.40 G	6.40 G	6.40 CG	6.40 G	6.41 CG	6.39 CG	6.39-	6.39-	5.87
10	6.36 CG	6.35 CG	6.34 CG	6.36 CG	6.38 CG	6.38 CG	6.37 CG	6.37 CG	6.36 CG	6.34 G	5.86
11	6.32 CG	6.32 CG	6.31 CG	6.31 CG	6.28 CG	6.31 CG	6.30 CG	6.29 CG	6.29 CG	6.29 CG	5.94
12	6.26 CG	6.27 CG	6.25 G	6.26 CG	6.27 CG	6.26 CG	6.29 CG	6.28 CG	6.26 CG	6.25 CG	6.17
13	6.21 CG	6.22 CG	6.22 G	6.23 CG	6.22 CG	6.23 CG	6.21 CG	6.20 CG	6.19 CG	6.23 CG	6.09
14	6.16 CG	6.16 G	6.15 G	6.19 G	6.17 CG	6.16 G	6.18 CG	6.17 CG	6.16 CG	6.18 G	6.04
15	6.17 G	6.17 G	6.14 G	6.19 G	6.17 CG	6.19 G	6.18 CG	6.16 G	6.18 CG	6.14 G	6.04
16	6.25 CG	6.23 CG	6.23 G	6.23 G	6.23 CG	6.22 G	6.23 CG	6.18 G	6.25 CG	6.20 CG	6.04
17	6.35 CG	6.29 CG	6.31 G	6.30 CG	6.28 G	6.30 CG	6.28 G	6.27 G	6.29 CG	6.25 FG	6.03
18	6.34 CG	6.29 FG	6.27 G	6.32 G	6.31 G	6.32 CG	6.31 G	6.29 G	6.31 FG	6.32 FG	6.08
19	6.34 SG	6.26 G	6.22 G	6.23 G	6.23 FG	6.22 G	6.24 G	6.26 SG	6.23 G	6.25 FG	6.01
20	6.47 CS	6.21 G	6.20 G	6.20 G	6.20 G	6.20 G	6.20 G	6.19 G	6.21 G	6.21 FG	5.99
21	6.45 SG	6.22 G	6.21 G	6.20 G	6.18 G	6.19 CG	6.19 G	6.19 G	6.19 G	6.18 FG	6.05
22	6.47 FG	6.24 FG	6.20 FG	6.18 FG	6.16 G	6.15 CG	6.18 FG	6.11 G	6.14 FG	6.13 FG	6.05
23	6.53 FS	6.44 FS	6.41 FS	6.25 FG	6.24 G	6.20 FG	6.23 FG	6.20 FG	6.23 FG	6.21 S	5.91
24	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	6.1	7.0	7.4	8.0	9.0	8.9	9.0	9.0	9.3	10.0	
BED ELEVATION	6.78	6.62	6.52	6.43	6.40	6.41	6.41	6.39	6.37	6.34	
RIGHT EDGE WATER	23.4	23.2	23.1	23.0	23.2	23.1	23.1	23.1	23.1	23.1	
BED ELEVATION	6.76	6.61	6.52	6.25	6.27	6.27	6.26	6.24	6.23	6.23	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 31.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1396, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1139	5-14 1245	5-16 1030	5-19 1107	5-21 1102	5-22 1558	5-24 1422	5-27 1126	5-28 1128	5-30 1102	6-1 1053
WATER SURFACE(1)											
LEFT BANK GAGE	6.70	6.66	6.57*	6.62	6.94	7.24	7.55	6.81	6.77	6.63	6.61
RIGHT BANK GAGE	6.69	6.65	6.56	6.62	6.90	7.21	7.53	6.78	6.73	6.61	6.58
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
2	7.25+	7.25+	7.25+	7.25+	7.25+	7.25 BM	7.25 BM	7.25-	7.25-	7.25-	7.25-
3	7.12+	7.12+	7.12+	7.12+	7.12+	7.12 BM	7.12 BM	7.12-	7.12-	7.12-	7.12-
4	7.02+	7.02+	7.02+	7.02+	7.02+	7.02 BM	7.04 BM	7.04-	7.04-	7.04-	7.04-
5	6.44 CG	6.44 CG	6.48 CG	6.44 BM	6.45 BM	6.48 S	6.44 BM	6.48 CG	6.45 CG	6.42 G	6.43 CG
6	6.35 G	6.34 G	6.34 CG	6.34 SG	6.34 CG	6.32 G	6.31 G	6.33 CG	6.36 CG	6.34 G	6.33 CG
7	6.31 CG	6.30 G	6.30 CG	6.28 SG	6.25 CG	6.26 G	6.30 G	6.30 CG	6.26 CG	6.25 G	6.23 CG
8	6.20 CG	6.21 G	6.22 CG	6.18 SG	6.19 CG	6.23 G	6.22 G	6.22 CG	6.22 CG	6.23 CG	6.21 CG
9	6.15 G	6.15 G	6.17 CG	6.14 SG	6.16 CG	6.12 G	6.20 G	6.17 CG	6.16 CG	6.13 CG	6.15 CG
10	6.12 G	6.11 G	6.13 CG	6.12 SG	6.09 CG	6.12 G	6.12 SG	6.11 CG	6.15 G	6.12 CG	6.14 CG
11	6.09 G	6.11 G	6.13 CG	6.11 SG	6.09 CG	6.11 FG	6.10 SG	6.11 CG	6.14 G	6.12 CG	6.10 G
12	6.07 G	6.08 G	6.07 CG	6.07 SG	6.09 CG	6.07 FG	6.07 SG	6.09 G	6.10 G	6.11 FG	6.11 G
13	6.09 FG	6.10 CS	6.13 CS	6.10 SG	6.07 G	6.06 G	6.06 SG	6.15 FG	6.16 SG	6.17 CS	6.15 SG
14	6.17 SG	6.13 S	6.15 CS	6.16 S	6.20 SG	6.10 CS	6.21 S	6.39 S	6.32 CS	6.35 CS	6.28 S
15	6.34 CS	6.37 S	6.39 S	6.32 S	6.31 S	6.23 S	6.30 S	6.47 S	6.46 CS	6.44 CS	6.42 S
16	6.43 CS	6.45 S	6.43 S	6.40 S	6.32 M	6.31 S	6.40 S	6.45 S	6.51 CS	6.49 CS	6.48 S
17	6.53 CS	6.53 S	6.56 S	6.48 S	6.50 M	6.78 BM	6.56 S	6.52 S	6.64 S	6.57 FS	6.55 S
18	7.37+	7.37+	7.37+	7.37+	7.37+	7.37+	7.37 BM	7.37-	7.37-	7.37-	7.37-
19	7.45+	7.45+	7.45+	7.45+	7.45+	7.45+	7.45 BM	7.45-	7.45-	7.45-	7.45-
20	7.48+	7.48+	7.48+	7.48+	7.48+	7.48+	7.48 BM	7.48-	7.48-	7.48-	7.48-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	4.8	4.8	5.0	4.7	4.2	2.0	1.7	4.6	4.6	4.8	4.8
BED ELEVATION	6.70	6.48	6.48	6.54	6.93	7.25	7.32	6.81	6.77	6.47	6.46
RIGHT EDGE WATER	17.2	17.5	17.0	17.2	17.3	17.5	>20.0	17.3	17.5	17.3	17.2
BED ELEVATION	6.51	6.59	6.56	6.54	6.71	7.21		6.62	6.66	6.61	6.59

TABLE 31.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1396, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3	6- 5	6- 7	6- 9	6-10	6-11	6-12	6-13	6-14	6-15	6-16
WATER SURFACE(1)	1104	900	1038	1158	1145	1128	1144	1138	1448	1146	1040
LEFT BANK GAGE	6.63	6.64	6.74	7.17	7.36	7.54	7.70	7.62	7.53	7.40	7.10
RIGHT BANK GAGE	6.60	6.61	6.70	7.12	7.32	7.53	7.68	7.60	7.52	7.36	7.06
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
2	7.25-	7.25-	7.25-	7.25-	7.24 BM	7.23 BM	7.21 BM	7.23 BM	7.25 BM	7.23 BM	7.23-
3	7.12-	7.12-	7.12-	7.16 BM	7.10 BM	7.13 BM	7.15 BM	7.14 BM	7.14 BM	7.18 BM	7.18-
4	7.04-	7.04-	7.04-	7.03 BM	7.06 BM	7.03 BM	6.99 BM	7.03 BM	7.00 BM	7.02 BM	7.00 BM
5	6.41 CG	6.42 CG	6.42 CG	6.38 CG	6.42 G	6.43 CG	6.39 CG	6.34 G	6.35 G	6.37 CG	6.44 CG
6	6.32 CG	6.33 CG	6.36 CG	6.34 CG	6.31 G	6.31 G	6.32 CG	6.31 CG	6.29 G	6.32 CG	6.30 CG
7	6.25 CG	6.23 CG	6.25 CG	6.28 CG	6.25 G	6.25 G	6.28 CG	6.24 CG	6.23 FG	6.24 CG	6.23 G
8	6.21 CG	6.21 CG	6.21 CG	6.24 CG	6.22 G	6.20 G	6.20 G	6.20 CG	6.18 G	6.20 CG	6.21 G
9	6.17 CG	6.13 CG	6.13 CG	6.15 CG	6.14 G	6.14 G	6.16 G	6.16 CG	6.12 HB	6.12 CG	6.14 G
10	6.11 G	6.13 G	6.12 CG	6.12 CG	6.10 G	6.12 SG	6.09 G	6.10 G	6.09 G	6.08 CG	6.09 FG
11	6.11 G	6.11 G	6.12 G	6.08 G	6.06 G	6.09 SG	6.08 FG	6.10 G	6.06 G	6.07 G	6.11 G
12	6.11 SG	6.09 SG	6.10 FG	6.08 G	6.03 G	6.05 SG	6.06 G	6.04 FG	6.03 FG	6.05 CG	6.08 G
13	6.16 S	6.17 S	6.12 CS	6.10 SG	6.05 S	6.08 SG	6.13 FG	6.10 S	6.11 S	6.09 CG	6.11 G
14	6.31 S	6.26 CS	6.20 S	6.17 S	6.14 S	6.15 S	6.18 S	6.20 S	6.22 S	6.15 S	6.20 S
15	6.40 S	6.34 S	6.35 S	6.21 S	6.28 S	6.25 S	6.29 S	6.26 CS	6.38 S	6.22 S	6.24 SG
16	6.45 S	6.44 S	6.47 S	6.28 G	6.32 S	6.30 SG	6.33 S	6.31 S	6.40 S	6.30 S	6.48 S
17	6.52 S	6.55 FS	6.51 S	6.55 S	6.76 BM	6.55 S	6.47 S	6.71 S	6.77 S	6.86 BM	6.53 S
18	7.37-	7.37-	7.37-	7.37-	7.32 BM	7.36 BM	7.33 BM	7.34 BM	7.38 BM	7.36 BM	7.36-
19	7.45-	7.45-	7.45-	7.45-	7.45-	7.42 BM	7.39 BM	7.44 BM	7.42 BM	7.42-	7.42-
20	7.48-	7.48-	7.48-	7.48-	7.48-	7.47 BM	7.43 BM	7.44 BM	7.42 BM	7.42-	7.42-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	4.8	4.7	4.6	2.6	1.8	1.8	1.4	1.6	1.7	1.7	3.6
BED ELEVATION	6.46	6.47	6.73	7.17	7.26	7.30	7.71	7.31	7.33	7.29	7.10
RIGHT EDGE WATER	17.4	17.4	17.4	17.5	18.0	>20.0	>20.0	>20.0	>20.0	18.0	17.3
BED ELEVATION	6.60	6.61	6.62	6.72	7.32					7.36	6.60

TABLE 31.- STREAMBED ELEVATIONS AND BED MATERIAL, -CROSS SECTION 1396, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1110	6-18 1158	6-19 1001	6-20 1021	6-21 1053	6-23 1003	6-25 1445	6-27 1410	6-29 1401	7- 1 1107	7- 3 1127
WATER SURFACE(1)											
LEFT BANK GAGE	7.12	7.35	7.30	7.44	7.42	7.32	7.23	7.18	6.80	7.13	7.03
RIGHT BANK GAGE	7.07	7.31	7.26	7.40	7.37	7.28	7.18	7.15	6.77	7.10	6.99
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
2	7.23-	7.22 BM	7.22 BM	7.23 BM	7.23 BM	7.23 BM	7.23-	7.23-	7.23-	7.23-	7.23-
3	7.18-	7.16 BM	7.18 BM	7.18 BM	7.20 BM	7.18 BM	7.20 BM	7.20-	7.20-	7.20-	7.20-
4	7.06 BM	7.05 BM	7.00 BM	7.01 BM	7.06 BM	7.02 BM	6.98 BM	7.07 BM	7.07-	7.01 BM	7.02 BM
5	6.40 CG	6.38 CG	6.38 CG	6.39 CG	6.36 CG	6.40 CG	6.36 G	6.40 G	6.39 G	6.41 G	6.40 G
6	6.31 CG	6.33 CG	6.32 CG	6.32 CG	6.31 CG	6.31 CG	6.31 G	6.34 G	6.31 G	6.30 CG	6.28 CG
7	6.23 CG	6.24 CG	6.26 CG	6.29 CG	6.26 CG	6.26 CG	6.23 CG	6.28 G	6.22 G	6.22 CG	6.23 CG
8	6.23 CG	6.22 CG	6.18 CG	6.20 CG	6.18 CG	6.20 CG	6.21 CG	6.17 G	6.20 G	6.20 CG	6.20 CG
9	6.12 CG	6.13 CG	6.11 CG	6.10 G	6.11 CG	6.12 CG	6.13 G	6.11 G	6.16 G	6.12 CG	6.12 CG
10	6.07 G	6.05 CG	6.09 G	6.07 G	6.10 G	6.10 SG	6.08 G	6.09 G	6.07 G	6.09 G	6.08 G
11	6.09 G	6.11 G	6.09 G	6.07 G	6.10 G	6.09 SG	6.09 G	6.09 G	6.09 G	6.11 G	6.11 G
12	6.07 FG	6.05 FG	6.07 G	6.05 G	6.07 G	6.08 SG	6.07 G	6.07 G	6.08 SG	6.10 G	6.11 G
13	6.14 FG	6.12 FG	6.10 G	6.07 SG	6.11 G	6.13 G	6.13 G	6.14 G	6.18 CS	6.18 CS	6.17 G
14	6.27 S	6.19 S	6.13 S	6.10 S	6.19 S	6.24 S	6.19 S	6.27 S	6.27 S	6.21 S	6.22 CS
15	6.27 S	6.27 S	6.25 S	6.24 S	6.26 FG	6.28 G	6.27 S	6.32 S	6.28 S	6.34 S	6.32 S
16	6.36 S	6.31 G	6.29 S	6.30 S	6.29 S	6.30 S	6.34 S	6.33 S	6.32 S	6.40 S	6.35 S
17	6.52 S	6.71 BM	6.52 S	6.65 BM	6.63 BM	6.56 BM	6.58 BM	6.54 S	6.45 BM	6.49 BM	6.43 S
18	7.36-	7.36-	7.36-	7.37 BM	7.35 BM	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-
19	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-
20	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.6	1.7	1.6	1.6	1.6	1.8	2.1	3.3	4.4	3.5	3.9
BED ELEVATION	7.12	7.30	7.31	7.31	7.31	7.32	7.24	7.18	6.80	7.13	7.03
RIGHT EDGE WATER	17.3	17.7	17.7	18.2	18.1	17.5	17.3	17.4	17.3	17.4	17.4
BED ELEVATION	6.61	7.31	7.26	7.40	7.37	7.28	7.18	7.15	6.69	7.10	6.99

TABLE 31.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1396, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1325	7- 7 1028	7- 9 1352	7-12 1133	7-16 1400	7-20 1404	7-23 1444	7-26 1018	7-29 1436	9-15 1240	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.85	6.70	6.62	6.52	6.48	6.49	6.49	6.47	6.46	6.42	
RIGHT BANK GAGE	6.82	6.67	6.60	6.51	6.47	6.48	6.48	6.46	6.45	6.41	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
2	7.23-	7.23-	7.23-	7.23-	7.23-	7.23-	7.23-	7.23-	7.23-	7.23-	7.21
3	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.10
4	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	6.98
5	6.38 CG	6.38 CG	6.40 CG	6.39 CG	6.38 CG	6.38 CG	6.39 CG	6.37 G	6.38 CG	6.39 CG	6.34
6	6.28 CG	6.29 CG	6.29 CG	6.29 CG	6.31 CG	6.29 CG	6.28 CG	6.28 CG	6.25 CG	6.30 CG	6.13
7	6.22 CG	6.20 CG	6.20 CG	6.21 CG	6.21 CG	6.20 CG	6.22 CG	6.21 CG	6.22 CG	6.22 CG	6.20
8	6.19 CG	6.20 CG	6.21 CG	6.20 CG	6.21 CG	6.19 G	6.21 CG	6.20 CG	6.21 CG	6.22 CG	6.17
9	6.14 CG	6.11 CG	6.12 G	6.12 CG	6.12 CG	6.11 G	6.13 CG	6.16 CG	6.13 CG	6.15 CG	6.06
10	6.09 CG	6.10 CG	6.11 G	6.10 CG	6.13 CG	6.13 G	6.12 CG	6.08 G	6.13 CG	6.12 CG	5.98
11	6.12 G	6.13 G	6.13 G	6.13 CG	6.14 CG	6.11 G	6.13 CG	6.13 G	6.13 CG	6.12 G	6.02
12	6.11 G	6.13 G	6.13 G	6.16 CS	6.15 CG	6.17 SG	6.16 SG	6.14 SG	6.15 SG	6.16 CS	5.89
13	6.18 FG	6.29 FG	6.30 CS	6.30 S	6.29 S	6.29 FS	6.27 SG	6.27 SG	6.31 SG	6.29 S	5.91
14	6.24 CS	6.37 S	6.29 S	6.31 S	6.34 FS	6.32 FS	6.31 FS	6.31 FS	6.33 FS	6.31 FS	5.92
15	6.31 CS	6.30 FS	6.31 FS	6.37 S	6.35 FS	6.35 FS	6.35 FS	6.34 FS	6.34 FS	6.33 FS	6.04
16	6.32 S	6.32 FS	6.30 FS	6.36 S	6.35 FS	6.37 FS	6.37 FS	6.36 FS	6.37 FS	6.37 M	5.89
17	6.42 BM	6.40 FS	6.40 BM	6.45 FS	6.47 BM	6.39 FS	6.45 FS	6.44 BM	6.43 FS	6.41 BM	5.90
18	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-	7.32
19	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.39
20	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	4.4	4.7	4.7	4.7	4.7	4.7	4.6	4.7	4.7	4.8	
BED ELEVATION	6.85	6.69	6.51	6.47	6.48	6.40	6.48	6.47	6.46	6.42	
RIGHT EDGE WATER	17.4	17.4	17.5	17.2	17.0	17.2	17.2	17.1	17.1	17.0	
BED ELEVATION	6.65	6.64	6.60	6.51	6.47	6.48	6.48	6.46	6.45	6.41	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 32.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1425, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1118	5-14 1240	5-16 1028	5-19 1100	5-21 1056	5-22 1540	5-24 1400	5-27 1120	5-28 1110	5-30 1056	6- 1 1049
WATER SURFACE(1)											
LEFT BANK GAGE	6.74	6.70	6.61	6.67	6.95	7.27	7.54	6.82	6.77	6.66	6.64
RIGHT BANK GAGE	6.74	6.70	6.62	6.67	6.93	7.22	7.54	6.81	6.77	6.66	6.65
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.74+	6.74+	6.74+	6.74+	6.74+	6.74+	6.74	6.72	6.77	6.77-	6.77-
1	6.56 BM	6.70 BM	6.61 BM	6.57 BM	6.56 BM	6.40 HB	6.53 S	6.40 BM	6.56 BM	6.38 BM	6.32 BM
2	6.24 G	6.27 BM	6.24 CG	6.22 CG	6.16 HB	6.14 HB	6.13 HB	6.26 HB	6.07 S	6.18 HB	6.20 G
3	6.16 HB	6.18 G	6.19 HB	6.15 CG	6.10 HB	6.11 HB	6.09 HB	6.18 HB	6.05 HB	6.14 HB	6.12 HB
4	6.14 G	6.17 G	6.15 CG	6.13 G	6.13 S	6.15 CS	6.13 SG	6.17 CG	6.10 CG	6.15 G	6.17 G
5	6.19 G	6.20 G	6.21 CG	6.17 SG	6.15 G	6.10 HB	6.20 G	6.21 CG	6.18 G	6.17 CG	6.21 G
6	6.22 CG	6.20 CG	6.19 CG	6.21 CG	6.18 CG	6.21 CG	6.23 G	6.21 CG	6.22 CG	6.16 CG	6.16 G
7	6.22 CG	6.20 CG	6.19 CG	6.22 CG	6.19 CG	6.21 CG	6.26 S	6.22 CG	6.24 CG	6.18 CG	6.21 G
8	6.32 CG	6.29 CG	6.31 CG	6.31 CG	6.32 CG	6.35 CG	6.33 SG	6.32 CG	6.37 CG	6.30 CG	6.30 G
9	6.42 G	6.40 G	6.39 G	6.40 G	6.40 SG	6.45 S	6.44 SG	6.43 CS	6.40 SG	6.38 SG	6.40 G
10	6.48 G	6.47 SG	6.46 G	6.46 S	6.46 G	6.54 FG	6.50 G	6.50 CS	6.49 CG	6.47 SG	6.48 G
11	6.56 SG	6.56 SG	6.56 CG	6.55 CG	6.56 SG	6.60 CG	6.58 SG	6.58 CG	6.58 CG	6.57 SG	6.60 CG
12	6.62 SG	6.63 CG	6.63 CG	6.62 CG	6.62 CG	6.67 CG	6.66 SG	6.64 CG	6.64 SG	6.65 SG	6.64 CG
13	6.63 SG	6.67 CG	6.67 CG	6.64 CG	6.63 CG	6.72 S	6.76 S	6.63 CG	6.60 CG	6.64 SG	6.62 CG
14	6.56 S	6.60 SG	6.59 SG	6.56 G	6.63 CS	6.74 S	6.85 S	6.61 CS	6.60 S	6.56 SG	6.59 S
15	6.57 S	6.53 CS	6.52 FS	6.43 S	6.59 S	6.71 FS	6.92 S	6.64 CS	6.58 S	6.44 S	6.38 S
16	6.52 S	6.49 CG	6.34 S	6.45 S	6.54 S	6.56 FS	6.64 S	6.73 S	6.60 FS	6.39 S	6.34 S
17	6.44 S	6.48 S	6.36 S	6.36 S	6.44 S	6.43 M	6.46 S	6.49 S	6.46 S	6.34 M	6.53 S
18	7.38+	7.38+	7.38+	7.38+	7.38+	7.38+	7.38 BM	7.38-	7.38-	7.38-	7.38-
19	7.44+	7.44+	7.44+	7.44+	7.44+	7.44+	7.44 BM	7.44-	7.44-	7.44-	7.44-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.8	1.0	1.0	1.0	0.2	0.2	< 0.0	< 0.0	0.0	0.2	0.3
BED ELEVATION	6.73	6.70	6.61	6.57	6.80	7.27			6.77	6.66	6.64
RIGHT EDGE WATER	17.8	17.8	17.8	17.9	17.8	17.8	> 19.0	17.8	17.7	17.7	17.8
BED ELEVATION	6.64	6.65	6.62	6.67	6.83	6.77		6.71	6.69	6.66	6.65

TABLE 32.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1425, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1100	6- 5 855	6- 7 1034	6- 9 1150	6-10 1150	6-11 1112	6-12 1126	6-13 1121	6-14 1428	6-15 1129	6-16 1012
WATER SURFACE(1)											
LEFT BANK GAGE	6.65	6.66	6.75	7.20	7.39	7.55	7.70	7.63	7.55	7.41	7.11
RIGHT BANK GAGE	6.65	6.67	6.76	7.14	7.34	7.52	7.68	7.60	7.51	7.38	7.08
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.77-	6.77-	6.73 BM	6.71 BM	6.79 BM	6.80 BM	6.74 BM	6.74 BM	6.73 BM	6.69 BM	6.69 BM
1	6.41 HB	6.40 HB	6.41 BM	6.28 BM	6.28 HB	6.30 BM	6.29 HB	6.33 HB	6.31 HB	6.27 BM	6.29 HB
2	6.23 HB	6.23 HB	6.19 SG	6.18 G	6.12 HB	6.15 HB	6.08 HB	6.07 HB	6.06 HB	6.15 HB	6.11 HB
3	6.21 HB	6.18 HB	6.13 G	6.14 G	6.10 G	6.11 HB	6.12 HB	6.09 HB	6.10 HB	6.10 G	6.09 HB
4	6.15 G	6.16 G	6.10 G	6.18 G	6.13 G	6.13 G	6.18 G	6.12 G	6.12 SG	6.13 G	6.14 G
5	6.18 G	6.18 G	6.17 G	6.21 HB	6.21 G	6.16 G	6.19 G	6.17 G	6.16 HB	6.16 G	6.18 G
6	6.17 G	6.17 G	6.15 G	6.18 S	6.20 G	6.15 G	6.16 FG	6.16 G	6.14 G	6.15 G	6.15 G
7	6.20 SG	6.20 SG	6.17 G	6.19 S	6.23 G	6.20 G	6.24 CS	6.22 G	6.24 S	6.21 G	6.22 G
8	6.30 SG	6.32 SG	6.28 G	6.30 S	6.35 G	6.33 G	6.37 G	6.35 G	6.34 S	6.33 SG	6.33 G
9	6.40 G	6.42 SG	6.37 G	6.42 SG	6.47 G	6.43 SG	6.49 G	6.43 G	6.40 S	6.43 S	6.44 G
10	6.47 G	6.49 G	6.47 SG	6.53 S	6.58 FG	6.50 SG	6.56 G	6.53 G	6.51 G	6.51 SG	6.53 G
11	6.59 G	6.59 G	6.55 SG	6.62 S	6.62 SG	6.57 SG	6.60 FG	6.61 G	6.54 G	6.59 G	6.60 S
12	6.64 G	6.65 G	6.64 SG	6.64 S	6.66 SG	6.63 SG	6.65 FG	6.63 FG	6.63 SG	6.64 G	6.65 G
13	6.64 G	6.65 G	6.61 SG	6.71 S	6.65 SG	6.64 SG	6.64 FG	6.62 CS	6.69 S	6.65 SG	6.65 G
14	6.58 SG	6.58 SG	6.57 S	6.71 S	6.74 S	6.71 S	6.71 S	6.71 S	6.77 S	6.71 S	6.72 FG
15	6.45 S	6.45 S	6.56 S	6.64 S	6.76 FS	6.77 S	6.79 FS	6.80 S	6.76 S	6.80 S	6.83 FS
16	6.40 S	6.34 S	6.57 S	6.53 FS	6.61 FS	6.59 S	6.58 S	6.60 S	6.61 S	6.60 S	6.64 FS
17	6.56 FS	6.54 FS	6.47 S	6.52 FS	6.49 FS	6.52 S	6.50 S	6.50 FS	6.48 M	6.49 S	6.48 FS
18	7.38-	7.38-	7.38-	7.38-	7.34 BM	7.33 BM	7.38 BM	7.34 BM	7.36 BM	7.35 BM	7.35-
19	7.44-	7.44-	7.44-	7.44-	7.44-	7.40 BM	7.44 BM	7.40 BM	7.40 BM	7.40-	7.40-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.1	0.1	0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0
BED ELEVATION	6.65	6.65	6.73								
RIGHT EDGE WATER	17.6	17.6	17.7	17.7	18.0	>19.0	>19.0	>19.0	>19.0	18.1	17.7
BED ELEVATION	6.65	6.67	6.66	6.84	7.34					7.38	6.72

TABLE 32.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1425, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1055	6-18 1143	6-19 945	6-20 1004	6-21 1037	6-23 948	6-25 1507	6-27 1425	6-29 1405	7- 1 1102	7- 3 1119
WATER SURFACE(1)											
LEFT BANK GAGE	7.13	7.35	7.31	7.44	7.43	7.33	7.24	7.21	6.80	7.16	7.05
RIGHT BANK GAGE	7.09	7.32	7.28	7.41	7.39	7.29	7.21	7.16	6.79	7.12	7.01
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.69 BM	6.73 BM	6.66 BM	6.65 BM	6.65 BM	6.66 BM	6.66 BM	6.67 BM	6.67 BM	6.66 BM	6.67 BM
1	6.29 HB	6.31 HB	6.28 HB	6.29 HB	6.30 HB	6.31 HB	6.31 HB	6.32 HB	6.28 HB	6.27 HB	6.34 BM
2	6.12 HB	6.05 HB	6.09 HB	6.08 HB	6.12 HB	6.10 HB	6.37 HB	6.06 HB	6.10 HB	6.15 HB	6.20 HB
3	6.09 HB	6.09 HB	6.09 HB	6.01 HB	6.11 HB	6.08 HB	6.14 HB	6.02 HB	6.07 HB	6.16 HB	6.16 HB
4	6.12 G	6.15 G	6.13 G	6.16 G	6.14 G	6.11 CG	6.12 G	6.12 G	6.10 G	6.13 G	6.13 G
5	6.17 G	6.17 G	6.18 G	6.17 G	6.17 G	6.20 HB	6.19 G	6.20 G	6.15 G	6.18 G	6.18 G
6	6.18 G	6.16 G	6.16 G	6.16 G	6.17 G	6.20 CG	6.17 G	6.18 G	6.14 G	6.14 G	6.13 G
7	6.20 SG	6.25 SG	6.24 CG	6.24 CG	6.24 CG	6.26 CG	6.22 CG	6.22 CG	6.19 G	6.21 CG	6.20 CG
8	6.34 SG	6.34 CG	6.35 G	6.37 CG	6.36 CG	6.37 CG	6.34 CG	6.34 CG	6.32 CG	6.34 CG	6.32 CG
9	6.46 G	6.44 G	6.44 G	6.43 FG	6.44 G	6.47 G	6.43 G	6.45 G	6.44 S	6.43 G	6.43 CG
10	6.54 G	6.54 SG	6.53 G	6.53 G	6.53 G	6.53 SG	6.51 G	6.51 G	6.51 S	6.51 G	6.51 CG
11	6.60 G	6.58 SG	6.61 G	6.61 CG	6.61 CG	6.66 CG	6.60 CG	6.61 SG	6.60 CG	6.56 CG	6.59 CG
12	6.64 G	6.63 SG	6.64 G	6.65 FG	6.66 CG	6.67 CG	6.66 CG	6.66 SG	6.64 CG	6.62 CG	6.64 CG
13	6.65 FG	6.64 CG	6.66 FG	6.66 CG	6.67 CG	6.67 CG	6.68 CG	6.67 FG	6.65 SG	6.65 FG	6.65 CG
14	6.71 FG	6.72 S	6.72 SG	6.73 S	6.74 CS	6.75 G	6.72 SG	6.64 FG	6.72 SG	6.71 FG	6.70 SG
15	6.79 FS	6.81 FS	6.82 FS	6.84 S	6.86 S	6.84 S	6.81 S	6.85 S	6.73 FG	6.73 S	6.74 SG
16	6.60 FS	6.66 FS	6.55 FS	6.63 FS	6.60 FS	6.68 FS	6.71 FS	6.79 S	6.68 FS	6.67 FS	6.63 FS
17	6.47 FS	6.45 FS	6.49 FS	6.48 FS	6.48 FS	6.52 FS	6.49 FS	6.47 M	6.54 FS	6.65 FS	6.63 FS
18	7.35-	7.35-	7.35-	7.34 BM	7.37 BM	7.37-	7.37-	6.97 BM	6.97-	6.83 BM	6.83 BM
19	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0
BED ELEVATION	6.69										
RIGHT EDGE WATER	17.8	17.9	17.8	18.3	18.2	17.8	17.8	18.0	17.9	18.0	18.0
BED ELEVATION	6.69	7.32	6.70	7.40	7.39	7.29	6.69	6.97	6.79	6.83	6.83

TABLE 32.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1425, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1331	7- 7 1022	7- 9 1357	7-12 1130	7-16 1356	7-20 1401	7-23 1440	7-26 1016	7-29 1432	9-15 1220	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.87	6.71	6.64	6.53	6.49	6.51	6.51	6.48	6.47	6.44	
RIGHT BANK GAGE	6.85	6.68	6.62*	6.52*	6.49*	6.51*	6.51*	6.48*	6.47*	6.44*	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.66 BM	6.63 BM	6.64 BM	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.63
1	6.45 HB	6.41 HB	6.34 HB	6.40 HB	6.37 HB	6.42 HB	6.41 HB	6.47 HB	6.35 HB	6.43 BM	6.27
2	6.25 FG	6.26 HB	6.24 HB	6.22 HB	6.22 HB	6.21 HB	6.26 CG	6.25 HB	6.23 HB	6.23 HB	6.05
3	6.19 HB	6.20 HB	6.24 HB	6.18 HB	6.17 HB	6.21 HB	6.19 HB	6.19 HB	6.17 HB	6.17 HB	6.01
4	6.16 G	6.16 G	6.13 G	6.13 CG	6.12 CG	6.12 G	6.13 CG	6.13 G	6.15 CG	6.13 G	6.02
5	6.16 CG	6.14 G	6.13 G	6.14 CG	6.14 CG	6.14 G	6.14 CG	6.13 G	6.14 CG	6.14 G	5.99
6	6.14 CG	6.11 G	6.13 G	6.13 CG	6.12 CG	6.13 G	6.11 SG	6.11 G	6.13 CG	6.14 G	5.90
7	6.19 CG	6.19 G	6.21 G	6.21 CG	6.23 CG	6.21 G	6.21 CG	6.18 CG	6.25 CG	6.21 G	5.94
8	6.35 G	6.31 SG	6.32 G	6.32 CG	6.35 CG	6.31 G	6.35 CG	6.33 CG	6.34 CG	6.34 G	6.01
9	6.45 SG	6.41 G	6.43 G	6.42 CG	6.46 CG	6.43 G	6.46 CG	6.45 CG	6.45 CG	6.43 G	5.85
10	6.50 SG	6.51 G	6.51 G	6.50 CG	6.50-	6.51 G	6.51-	6.51-	6.51-	6.51-	5.71
11	6.55 SG	6.58 G	6.58 G	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	5.84
12	6.62 SG	6.59 G	6.61 G	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	5.94
13	6.64 S	6.52 SG	6.52-	6.52-	6.52-	6.52-	6.52-	6.52-	6.52-	6.52-	6.02
14	6.72 SG	6.68 G	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	5.98
15	6.75 CS	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	5.95
16	6.67 FS	6.66 SG	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	5.96
17	6.65 FS	6.66 S	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	6.66-	6.36
18	6.84 BM	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.83
19	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	< 0.0	< 0.0	0.0	0.4	0.6	0.4	0.5	0.7	0.6	0.9	
BED ELEVATION	6.66		6.64	6.53	6.49	6.51	6.51	6.48	6.47	6.44	
RIGHT EDGE WATER	18.0	17.7	12.2	10.5	9.8	10.0	9.9	9.7	9.6	9.1	
BED ELEVATION	6.84	6.68	6.62	6.52	6.49	6.51	6.51	6.48	6.47	6.44	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT
 - DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT
 - DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 33.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1481, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1115	5-14 1242	5-16 1020	5-19 1055	5-21 1047	5-22 1535	5-24 1350	5-27 1105	5-28 1108	5-30 1052	6-1 1042
WATER SURFACE(1)											
LEFT BANK GAGE	6.82	6.78	6.68	6.74	7.02	7.30	7.55	6.91	6.87	6.75	6.73
RIGHT BANK GAGE	6.81	6.77	6.69	6.74	7.03	7.32*	7.57	6.91	6.87	6.74	6.72
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.35+	7.35+	7.35+	7.35+	7.35+	7.35+	7.35 BM	7.35-	7.35-	7.35-	7.35-
1	7.30+	7.30+	7.30+	7.30+	7.30+	7.30+	7.30 BM	7.30-	7.30-	7.30-	7.30-
2	7.19+	7.19+	7.19+	7.19+	7.19+	7.19	7.20 BM	7.20-	7.20-	7.20-	7.20-
3	6.92+	6.92+	6.92+	6.92+	6.92	6.92	6.95 BM	6.95-	6.95-	6.95-	6.95-
4	6.54 FG	6.54 G	6.59 BM	6.54 BM	6.54 BM	6.61 CS	6.63 S	6.62 BM	6.60 BM	6.59 BM	6.54 BM
5	6.42 FG	6.42 G	6.44 CG	6.44 CG	6.42 G	6.44 S	6.46 CS	6.42 G	6.41 G	6.41 G	6.42 G
6	6.32 FG	6.34 CG	6.35 CG	6.34 CG	6.31 FG	6.33	6.36 CS	6.30 G	6.27 G	6.30 G	6.30 G
7	6.25 SG	6.26 CG	6.26 CG	6.25 G	6.23 FG	6.22	6.26 CS	6.23 G	6.22 SG	6.23 G	6.22 G
8	6.27 SG	6.27	6.26 SG	6.26 CS	6.24 CS	6.15	6.24 CS	6.21 G	6.22 G	6.22 SG	6.22 SG
9	6.19 SG	6.19 FG	6.17 G	6.11 CS	6.05	6.11	6.31 CS	6.21 G	6.22 G	6.21 FG	6.22 SG
10	6.14 CS	6.05 S	5.99 CS	5.92 CS	5.96 S	6.02 S	6.31 S	6.24 FG	6.21 SG	6.17 FG	6.18 SG
11	6.13 CS	6.06	6.02 CS	6.00 S	5.89	5.94	6.18 FS	6.20	6.21	6.15	6.13
12	6.06 CS	6.03	6.00 CS	5.99 S	5.78 CS	5.84	6.12 FS	6.19	6.21	6.17	6.11
13	5.95 CS	5.96	5.87 SG	5.80 CS	5.76 FG	5.79	6.04 FS	6.14	6.20	6.07	6.08
14	5.77 CS	5.78 S	5.80 SG	5.76 SG	5.72 FG	5.70	5.89 FS	5.98 S	5.99 S	5.98 S	5.85
15	5.80 CS	5.84 FS	5.86 M	5.84 FS	5.80 S	5.59 S	5.62 SG	5.88 S	5.90 S	5.86 CS	5.84 CS
16	6.22 BM	6.38 BM	6.23 BM	6.53 BM	6.23 BM	6.21 BM	6.17 BM	6.15 BM	6.41 BM	6.21 BM	6.25 BM
17	6.73 BM	6.77 BM	6.77-	6.77-	6.76 BM	6.65	6.55 BM	6.75 BM	6.71 BM	6.61 BM	6.65 BM
18	7.49+	7.49+	7.49+	7.49+	7.49+	7.49+	7.49 BM	7.49-	7.49-	7.49-	7.49-
19	7.55+	7.55+	7.55+	7.55+	7.55+	7.55+	7.55 BM	7.55-	7.55-	7.55-	7.55-
20	7.46+	7.46+	7.46+	7.46+	7.46+	7.46+	7.46 BM	7.46-	7.46-	7.46-	7.46-
21	7.32+	7.32+	7.32+	7.32+	7.32+	7.32 BM	7.13 BM	7.13-	7.13-	7.13-	7.13-
22	6.78 CS	6.78-	6.78-	6.78-	6.84 S	6.90 S	6.95 S	6.85 S	6.84 FS	6.84-	6.84-
23	6.77 CS	6.76 FS	6.76-	6.76-	6.82 S	6.81 S	6.98 S	6.82 S	6.82 FS	6.82-	6.82-
24	6.71 SG	6.73 FS	6.73-	6.73 FS	6.75 S	6.80 S	6.76 S	6.68 S	6.69 FS	6.69 S	6.68 S
25	6.59 SG	6.57 FS	6.57 FS	6.57 FS	6.63 S	6.62 S	6.65 S	6.58 S	6.58 FS	6.57 S	6.57 S
26	6.39 SG	6.38 FS	6.38 FS	6.38 FS	6.42 CS	6.59 CS	6.52 S	6.44 SG	6.38 FS	6.40 S	6.39 SG
27	6.66 BM	6.68 FS	6.68-	6.71 BM	6.74 BM	6.64 S	6.74 BM	6.74 BM	6.74 BM	6.70 BM	6.71 BM
28	7.29+	7.29+	7.29+	7.29+	7.29+	7.29+	7.29 BM	7.29-	7.29-	7.29-	7.29-
29	7.43+	7.43+	7.43+	7.43+	7.43+	7.43+	7.43 BM	7.43-	7.43-	7.43-	7.43-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.2	3.4	3.5	3.3	2.4	1.4	< 0.0	3.1	3.3	3.5	3.6
BED ELEVATION	6.82	6.77	6.68	6.74	7.02	7.30		6.91	6.87	6.75	6.72
RIGHT EDGE WATER	27.4	27.4	26.9	27.4	27.6	28.1	>29.0	27.5	27.4	27.4	27.2
BED ELEVATION	6.81	6.76	6.69	6.74	7.01	7.23		6.77	6.87	6.74	6.72
LEFT EDGE BAR	17.1	17.0	16.8	16.8	17.1	17.3		17.0	17.1	17.2	17.1
BED ELEVATION	6.81	6.77	6.69	6.74	7.03	7.32		6.75	6.79	6.74	6.72
RIGHT EDGE BAR	21.6	23.0	24.5	23.5	21.4	21.0		21.5	21.5	23.6	23.6
BED ELEVATION	6.81	6.76	6.69	6.74	7.03	7.32		6.91	6.87	6.74	6.72

TABLE 33.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1481, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1047	6- 5 845	6- 7 1022	6- 9 1131	6-10 1120	6-11 1024	6-12 1032	6-13 1037	6-14 1130	6-15 1051	6-16 950
WATER SURFACE(1)											
LEFT BANK GAGE	6.74	6.76	6.85	7.23	7.40	7.55	7.69	7.62	7.55	7.45	7.17
RIGHT BANK GAGE	6.73	6.75	6.85	7.24	7.42	7.57	7.74	7.65	7.58	7.46	7.17
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.35-	7.35-	7.35-	7.35-	7.35 BM	7.34 BM	7.34 BM	7.35 BM	7.32 BM	7.35 BM	7.35-
1	7.30-	7.30-	7.30-	7.30-	7.31 BM	7.31 BM	7.29 BM	7.31 BM	7.27 BM	7.31 BM	7.31-
2	7.20-	7.20-	7.20-	7.12 BM	7.12 BM	7.11 BM	7.17 BM	7.13 BM	7.23 BM	7.17 BM	7.15 BM
3	6.95-	6.95-	6.95-	6.96 BM	6.94 BM	6.92 BM	6.90 M	6.92 BM	6.97 BM	6.93 BM	6.96 BM
4	6.54 BM	6.54 BM	6.58 BM	6.54 BM	6.64 G	6.54 G	6.55 SG	6.53 BM	6.65 BM	6.59 BM	6.57 BM
5	6.43 G	6.41 G	6.42 G	6.41 FG	6.42 FG	6.40 G	6.40 HB	6.39 FG	6.45 G	6.43 G	6.41 G
6	6.32 G	6.31 G	6.29 G	6.28 FG	6.30 FG	6.30 G	6.29 HB	6.31 FG	6.34 G	6.33 G	6.32 G
7	6.19 S	6.23 S	6.25 S	6.24 FG	6.26 FG	6.24 FG	6.21 G	6.22 FG	6.27 G	6.25 G	6.23 FG
8	6.25 S	6.25 S	6.23 CS	6.22 SG	6.22 SG	6.23 SG	6.18 G	6.18 G	6.24 S	6.23 CS	6.19 FG
9	6.23 SG	6.24 G	6.23 G	6.24 CS	6.19 S	6.23 S	6.18 S	6.19 S	6.24 S	6.20 S	6.17 CS
10	6.16 SG	6.15 FG	6.19 S	6.15 S	6.21 S	6.16 S	6.22 S	6.26 S	6.14 S	6.18 S	6.21 S
11	6.12 S	6.07 S	6.15 S	6.14 S	6.10 S	6.13 S	6.21 S	6.31 S	6.15 S	6.15 S	6.28 S
12	6.10 S	6.10 S	6.10 S	6.09 S	6.02 SG	5.96 S	6.07 S	6.22 S	6.15 S	6.13 S	6.07 S
13	6.08 S	5.96 S	6.02 S	6.04 S	5.92 SG	6.04 S	6.14 SG	6.13 S	6.13 S	6.06 S	6.09 S
14	5.88 S	5.84 S	5.87 S	6.00 S	5.97 CS	6.06 S	6.12 S	6.09 S	6.11 S	6.06 S	6.02 S
15	5.83 CS	5.84 CS	5.80 S	5.66 S	5.71 SG	5.72 SG	5.77 S	6.02 S	5.91 SG	5.76 G	5.79 G
16	6.23 BM	6.27 BM	6.25 BM	6.02 S	5.98 BM	5.93 BM	5.99 BM	6.17 BM	6.08 BM	5.96 S	6.07 BM
17	6.65 BM	6.71 BM	6.74 BM	6.64 BM	6.69 BM	6.62 BM	6.50 BM	6.67 BM	6.58 BM	6.63 BM	6.70 BM
18	7.49-	7.49-	7.49-	7.49-	7.49-	7.50 BM	7.46 BM	7.54 BM	7.46 BM	7.46-	7.46-
19	7.55-	7.55-	7.55-	7.55-	7.55-	7.53 BM	7.55 BM	7.56 BM	7.55 BM	7.55-	7.55-
20	7.46-	7.46-	7.46-	7.46-	7.46-	7.47 BM	7.51 BM	7.46 BM	7.53 BM	7.47 BM	7.47-
21	7.13-	7.13-	7.13-	7.20 S	7.37 BM	7.18 BM	7.37 BM	7.19 BM	7.39 BM	7.18 BM	7.18-
22	6.84-	6.84-	6.82 S	6.94 S	7.02 S	6.87 S	7.02 S	6.99 S	6.92 S	6.97 S	6.85 CS
23	6.82-	6.82-	6.81 S	6.80 S	6.87 S	6.96 S	6.97 S	6.98 S	6.99 S	6.90 S	6.79 CS
24	6.66 S	6.69 S	6.66 S	6.75 S	6.79 S	6.84 S	6.90 S	6.84 S	6.94 S	6.76 S	6.68 CS
25	6.57 S	6.57 S	6.56 S	6.61 S	6.65 S	6.60 S	6.74 S	6.75 S	6.80 S	6.62 S	6.59 CS
26	6.40 S	6.36 G	6.41 SG	6.47 SG	6.42 CS	6.43 CS	6.58 SG	6.54 S	6.64 S	6.58 S	6.41 CS
27	6.71 BM	6.72 BM	6.70 BM	6.59 BM	6.79 BM	6.67 BM	6.60 BM	6.55 BM	6.56 FG	6.55 FG	6.71 BM
28	7.29-	7.29-	7.29-	7.29-	7.34 BM	7.36 BM	7.48 BM	7.27 BM	7.32 BM	7.14 BM	7.14-
29	7.43-	7.43-	7.43-	7.43-	7.43-	7.44 BM	7.47 BM	7.43 BM	7.46 BM	7.46-	7.46-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.6	3.5	3.3	1.6	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	1.9
BED ELEVATION	6.74	6.76	6.85	7.23							7.17
RIGHT EDGE WATER	27.2	27.3	27.4	27.8	28.2	>29.0	>29.0	>29.0	>29.0	28.2	27.8
BED ELEVATION	6.73	6.75	6.84	7.25	7.34					7.48	7.02
LEFT EDGE BAR	17.1	17.1	17.1	17.3	17.4					17.8	17.2
BED ELEVATION	6.73	6.75	6.78	6.82	7.42					7.46	6.74
RIGHT EDGE BAR	23.7	23.5	21.6	21.0	20.1					20.0	21.3
BED ELEVATION	6.73	6.75	6.84	7.20	7.43					7.47	7.17

TABLE 33.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1481, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1033	6-18 1104	6-19 914	6-20 930	6-21 1004	6-23 916	6-25 1533	6-27 1442	6-29 1413	7- 1 1050	7- 3 1107
WATER SURFACE(1)											
LEFT BANK GAGE	7.18	7.38	7.35	7.44	7.44	7.35	7.28	7.24	6.89	7.20	7.11
RIGHT BANK GAGE	7.19	7.40	7.37	7.48	7.48	7.38	7.28	7.24	6.89	7.21	7.12
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.35-	7.36 BM	7.34 BM	7.35 BM	7.35 BM	7.34 BM	7.34-	7.34-	7.34-	7.34-	7.34-
1	7.31-	7.31 BM	7.32 BM	7.31 BM	7.32 BM	7.31 BM	7.31-	7.31-	7.31-	7.31-	7.31-
2	7.14 BM	7.18 BM	7.20 BM	7.16 BM	7.14 BM	7.16 BM	7.16 BM	7.16 BM	7.16 BM	7.16 BM	7.16-
3	6.96 BM	6.95 BM	6.95 BM	6.94 BM	6.94 BM	6.93 BM	6.96 BM	6.96 BM	6.96-	6.99 BM	6.99 BM
4	6.56 BM	6.67 S	6.68 S	6.59 S	6.58 S	6.56 S	6.65 S	6.59 BM	6.52 G	6.52 S	6.59 S
5	6.39 G	6.40 G	6.41 SG	6.40 G	6.40 G	6.39 SG	6.40 FG	6.42 SG	6.40 G	6.39 G	6.34 G
6	6.31 FG	6.33 SG	6.34 SG	6.33 SG	6.34 SG	6.32 SG	6.31 SG	6.31 SG	6.30 SG	6.28 SG	6.28 SG
7	6.24 FG	6.27 SG	6.27 SG	6.27 SG	6.27 SG	6.26 SG	6.24 SG	6.24 SG	6.25 SG	6.20 SG	6.21 SG
8	6.18 FG	6.19 SG	6.22 SG	6.18 SG	6.21 SG	6.18 SG	6.18 SG	6.14 SG	6.16 SG	6.16 SG	6.18 SG
9	6.16 FG	6.19 S	6.22 S	6.17 SG	6.21 S	6.18 S	6.12 SG	6.09 SG	6.11 SG	6.11 SG	6.14 G
10	6.19 S	6.14 S	6.21 S	6.19 G	6.21 S	6.17 S	6.19 S	6.10 S	6.10 S	6.14 S	6.10 S
11	6.14 S	6.13 S	6.16 S	6.22 S	6.16 S	6.19 S	6.16 S	6.09 S	6.18 S	6.08 S	6.21 S
12	6.12 S	6.09 S	6.13 S	6.13 S	6.14 S	6.14 S	6.18 S	6.15 S	6.18 S	6.13 S	6.22 S
13	6.08 S	6.04 S	6.05 S	6.07 S	6.10 S	6.19 S	6.14 S	6.11 S	6.11 S	6.18 S	6.20 S
14	6.04 S	6.08 S	5.99 S	6.08 S	6.09 S	6.13 S	6.15 S	6.02 S	6.11 S	6.14 S	6.19 S
15	5.93 S	5.90 CS	5.80 FG	5.81 S	5.85 S	5.87 FG	5.96 S	5.98 S	5.89 S	5.92 FG	5.88 SG
16	5.91 S	5.93 FG	5.94 BM	5.90 S	5.92 S	5.96 BM	5.96 S	5.95 S	6.00 BM	6.10 BM	6.20 BM
17	5.98 BM	6.70 BM	6.53 BM	6.48 BM	6.49 BM	6.50 BM	6.55 BM	6.46 BM	6.59 BM	6.67 BM	6.65 BM
18	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-
19	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-
20	7.47-	7.47-	7.47-	7.49 BM	7.49 BM	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-
21	7.18 BM	7.38 BM	7.37 BM	7.36 BM	7.41 BM	7.16 BM	7.16-	7.16-	7.16-	7.19 BM	7.19-
22	6.81 CS	6.94 S	6.91 S	6.98 S	7.02 S	6.98 S	6.94 S	6.79 S	6.78 S	6.85 S	6.79 S
23	6.88 CS	6.86 S	6.95 S	6.91 S	6.89 S	6.91 S	6.81 S	6.80 S	6.77 S	6.81 S	6.79 S
24	6.68 CS	6.78 S	6.84 S	6.85 S	6.78 S	6.73 S	6.78 S	6.76 S	6.71 FG	6.70 FG	6.71 S
25	6.59 S	6.70 S	6.66 S	6.70 S	6.70 S	6.64 CS	6.61 G	6.60 SG	6.57 FG	6.60 SG	6.59 G
26	6.40 S	6.53 FG	6.58 S	6.55 S	6.52 CS	6.51 S	6.48 G	6.45 SG	6.36 FG	6.39 SG	6.38 G
27	6.73 BM	6.58 BM	6.67 BM	6.67 BM	6.65 BM	6.65 BM	6.70 BM	6.70 BM	6.67 BM	6.70 BM	6.74 BM
28	7.14-	7.15-	7.35 BM	7.26 BM	7.29 BM	7.29 BM	7.29-	7.29-	7.29-	7.29-	7.29-
29	7.46-	7.46-	7.46-	7.46-	7.49 BM	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.9	< 0.0	0.0	< 0.0	< 0.0	< 0.0	1.2	1.5	3.3	1.8	2.2
BED ELEVATION	7.18		7.34				7.28	7.24	6.89	7.20	7.11
RIGHT EDGE WATER	27.7	28.4	28.1	28.2	29.5	28.1	27.9	27.8	27.5	27.8	27.6
BED ELEVATION	7.19	7.42	7.39	7.52	7.51	7.35	7.29	7.25	6.89	7.22	7.13
LEFT EDGE BAR	17.3	17.5	17.7	17.9	17.8	17.5	17.4	17.8	17.1	17.6	17.5
BED ELEVATION	6.79	7.40	7.37	7.49	7.48	7.39	6.75	6.99	6.61	6.98	7.08
RIGHT EDGE BAR	20.9	20.4	20.5	20.0	20.0	20.4	21.1	21.1	21.3	21.0	21.3
BED ELEVATION	7.19	7.41	7.38	7.49	7.49	7.39	7.09	7.12	6.89	7.19	7.12

TABLE 33.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1481, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7-5 1344	7-7 1015	7-9 1402	7-12 1123	7-16 1350	7-20 1354	7-23 1433	7-26 1010	7-29 1426	9-15 1200	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.95	6.81	6.73	6.60	6.54	6.56	6.56	6.53	6.51	6.48*	
RIGHT BANK GAGE	6.95	6.80	6.72	6.59	6.53	6.55	6.57	6.52	6.50	6.46	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.32
1	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.27
2	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.11
3	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.90
4	6.54 FG	6.51 FS	6.53 FS	6.53 G	6.52 G	6.54 G	6.54 BM	6.53 BM	6.53-	6.53-	5.91
5	6.38 FG	6.39 G	6.40 G	6.38 G	6.39 G	6.37 G	6.39 G	6.40 G	6.38 G	6.38 SG	5.78
6	6.27 G	6.30 G	6.31 G	6.29 G	6.29 G	6.28 G	6.29 G	6.30 G	6.28 G	6.28 SG	5.64
7	6.22 SG	6.20 SG	6.22 SG	6.23 G	6.22 FG	6.24 SG	6.22 G	6.23 G	6.20 G	6.22 SG	5.63
8	6.15 G	6.17 G	6.16 G	6.16 G	6.16 SG	6.16 SG	6.14 G	6.15 G	6.15 G	6.17 SG	5.66
9	6.13 G	6.12 G	6.12 G	6.14 G	6.13 FG	6.14 SG	6.14 G	6.12 G	6.13 G	6.15 SG	5.64
10	6.15 CS	6.11 SG	6.11 SG	6.11 G	6.11 FG	6.10 SG	6.12 SG	6.08 G	6.08 G	6.08 SG	5.70
11	6.22 CS	6.11 SG	6.09 S	6.06 SG	6.02 FG	6.00 FG	5.98 SG	5.95 FG	5.91 FG	5.91 SG	5.55
12	6.18 CS	6.20 S	6.03 S	5.92 SG	5.87 FG	5.83 FG	5.95 SG	5.82 FG	5.79 FG	5.83 SG	5.51
13	6.25 S	6.18 S	5.99 SG	5.87 FG	5.86 FG	5.85 G	5.86 G	5.85 FG	5.84 FG	5.85 SG	5.47
14	6.10 S	6.12 S	5.98 FG	5.89 FG	5.90 S	5.94 S	5.95 S	5.91 S	5.93 S	5.94 M	5.30
15	5.94 S	6.01 S	6.10 SG	6.07 S	6.05 S	6.04 S	6.06 S	6.03 S	6.04 SG	6.04 M	5.21
16	6.55 BM	6.33 BM	6.32 BM	6.33 BM	6.13 BM	6.28 BM	6.30 BM	6.28 BM	6.25 M	6.27 BM	5.90
17	6.73 BM	6.72 BM	6.72 BM	6.59 BM	6.53 BM	6.53-	6.53-	6.53-	6.53-	6.53-	6.46
18	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46
19	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.53
20	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.46
21	7.19-	7.19-	7.19-	7.19-	7.19-	7.19-	7.19-	7.19-	7.19-	7.19-	7.13
22	6.75 CS	6.75 S	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.15
23	6.76 S	6.77 S	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.20
24	6.66 SG	6.67 SG	6.68 SG	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.68-	6.06
25	6.55 SG	6.57 FS	6.54 FS	6.54-	6.54-	6.54-	6.54-	6.54-	6.54-	6.54-	5.94
26	6.31 FG	6.30 G	6.32 SG	6.32-	6.32-	6.32-	6.32-	6.32-	6.32-	6.37 S	5.42
27	6.65 BM	6.57 BM	6.64 BM	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.55
28	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.14
29	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.43
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.2	3.5	3.6	3.8	3.9	3.9	3.8	4.0	4.1	4.5	
BED ELEVATION	6.95	6.81	6.73	6.60	6.54	6.56	6.56	6.53	6.51	6.47	
RIGHT EDGE WATER	27.6	27.2	27.3	17.0	17.0	16.9	16.9	16.8	16.9	26.9	
BED ELEVATION	6.92	6.80	6.72	6.59	6.53	6.55	6.57	6.52	6.50	6.41	
LEFT EDGE BAR	17.0	17.0	17.0							16.8	
BED ELEVATION	6.73	6.72	6.72							6.46	
RIGHT EDGE BAR	21.5	21.4	23.5							25.8	
BED ELEVATION	6.86	6.80	6.72							6.45	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 34.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1533, EAST FORK RIVER, WYOMING, 1980

DATE	5-13	5-14	5-16	5-19	5-21	5-22	5-24	5-27	5-28	5-30	6- 1
TIME	1111	1220	1014	1045	1047	1515	1340	1105	1058	1046	1038
WATER SURFACE(1)											
LEFT BANK GAGE	6.84	6.80	6.71	6.77	7.06	7.35	7.58	6.95	6.90	6.78	6.76
RIGHT BANK GAGE	6.84	6.80	6.71	6.77	7.05	7.32	7.56	6.94	6.90	6.78	6.76
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	7.14+	7.14+	7.14+	7.14+	7.14+	7.14	7.10	7.10-	7.10-	7.10-	7.10-
2	6.84	6.80	6.80-	6.77	6.81	6.52	6.52	6.72	6.63	6.71	6.68
3	6.32	6.36	6.30	6.34	6.26	6.17	6.15	6.32	6.12	6.31	6.30
4	6.05	6.13	6.14	6.16	6.08	5.92	5.97	6.09	5.98	6.16	6.14
5	6.02	6.00	6.05	6.04	5.92	5.86	5.85	5.97	5.99	6.00	6.01
6	6.02	6.00	6.01	6.02	5.96	6.00	5.82	6.09	6.08	6.12	6.12
7	5.96	5.99	6.01	6.00	5.97	6.00	5.94	6.11	6.10	6.16	6.14
8	6.08	6.08	6.08	6.08	5.98	6.07	6.04	6.18	6.17	6.14	6.17
9	6.07	6.10	6.11	6.09	6.03	6.05	6.11	6.19	6.20	6.17	6.27
10	6.09	6.10	6.13	6.10	6.07	6.09	6.10	6.19	6.12	6.25	6.26
11	6.12	6.17	6.17	6.17	6.14	6.14	6.13	6.19	6.18	6.21	6.27
12	6.22	6.20	6.21	6.22	6.21	6.19	6.20	6.21	6.22	6.24	6.25
13	6.24	6.28	6.26	6.27	6.24	6.25	6.23	6.24	6.25	6.27	6.29
14	6.32	6.30	6.32	6.32	6.27	6.27	6.26	6.32	6.30	6.33	6.34
15	6.39	6.40	6.41	6.45	6.46	6.45	6.45	6.45	6.53	6.45	6.46
16	7.32+	7.32+	7.32+	7.32+	7.32+	7.32	7.30	7.30-	7.30-	7.30-	7.30-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.0	2.0	2.2	2.0	1.4	0.6	0.4	1.4	1.5	1.8	1.8
BED ELEVATION	6.84	6.80	6.71	6.77	7.06	7.35	7.54	6.95	6.90	6.78	6.76
RIGHT EDGE WATER	15.7	15.6	15.5	15.5	15.9	16.0	16.4	15.8	15.4	15.4	15.4
BED ELEVATION	6.84	6.80	6.71	6.77	6.94	7.32	7.56	6.94	6.90	6.78	6.76

TABLE 34.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1533, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 1037	6-5 835	6-7 1012	6-9 1130	6-10 1120	6-11 1006	6-12 1010	6-13 1015	6-14 1050	6-15 1032	6-16 1403
WATER SURFACE(1)											
LEFT BANK GAGE	6.78	6.79	6.89	7.28	7.46	7.58	7.72	7.65	7.57	7.48	7.14
RIGHT BANK GAGE	6.77	6.79	6.88	7.25	7.43	7.56	7.72	7.64	7.57	7.46	7.12
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	7.10-	7.10-	7.10-	7.18 HB	7.24 HB	7.17 HB	7.22 HB	7.20 HB	7.21 BM	7.19 HB	
2	6.68 HB	6.71 HB	6.74 HB	6.58 G	6.54 HB	6.54 HB	6.59 HB	6.54 HB	6.55 HB	6.56 HB	
3	6.29 HB	6.31 HB	6.32 HB	6.17 HB	6.17 HB	6.13 HB	6.25 HB	6.16 HB	6.09 G	6.09 G	
4	6.09 HB	6.09 HB	6.09 HB	5.95 HB	5.94 HB	5.94 G	6.03 HB	5.93 G	5.89 SG	5.91 G	
5	6.00 CS	6.00 CS	6.01 FG	5.88 HB	5.87 HB	5.85 G	5.92 HB	5.90 G	5.87 G	5.88 SG	
6	6.09 CS	6.10 CS	6.09 FG	5.92 S	5.92 S	5.87 S	5.86 S	5.99 S	5.93 S	5.95 S	
7	6.10 S	6.13 S	6.13 S	5.97 S	6.05 S	5.96 S	5.93 CS	6.05 S	6.03 S	5.99 S	
8	6.19 S	6.20 S	6.17 SG	6.07 S	6.06 S	6.03 FG	6.03 S	6.06 S	6.07 S	5.98 S	
9	6.23 S	6.28 S	6.19 CS	6.08 S	6.07 S	6.07 FG	6.06 SG	6.13 S	6.13 S	6.09 S	
10	6.20 S	6.29 S	6.19 CS	6.16 S	6.10 S	6.08 FG	6.07 G	6.15 S	6.15 S	6.09 S	
11	6.22 S	6.29 S	6.18 S	6.15 G	6.12 S	6.16 FG	6.13 SG	6.14 SG	6.17 G	6.17 S	
12	6.20 S	6.29 S	6.20 S	6.18 S	6.19 S	6.23 G	6.21 G	6.15 S	6.23 G	6.18 SG	
13	6.32 S	6.29 S	6.26 SG	6.24 S	6.24 S	6.24 G	6.24 SG	6.23 CS	6.25 G	6.23 G	
14	6.31 CG	6.31 CG	6.32 CG	6.24 SG	6.25 S	6.27 G	6.29 G	6.28 G	6.32 G	6.27 G	
15	6.38 BM	6.38 BM	6.43 BM	6.43 BM	6.42 S	6.44 G	6.40 M	6.44	6.45 BM	6.44 FS	
16	7.30-	7.30-	7.30-	7.25 BM	7.43 BM	7.45 BM	7.47 BM	7.38 BM	7.37 BM	7.35 BM	
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.7	1.8	1.6	0.8	0.5	0.4	0.6	0.4	0.4	0.5	
BED ELEVATION	6.78	6.79	6.89	7.28	7.47	7.58	7.72	7.66	7.57	7.49	
RIGHT EDGE WATER	15.5	15.4	15.7	16.0	16.0	16.4	>16.0	>16.0	16.4	16.1	
BED ELEVATION	6.77	6.75	6.88	7.25	7.43	7.56			7.57	7.45	

TABLE 34.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1533, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1016	6-18 1043	6-19 900	6-20 915	6-21 947	6-23 904	6-25 1555	6-27 1425	6-29 1500	7- 1 1042	7- 3 1059
WATER SURFACE(1)											
LEFT BANK GAGE	7.22	7.42	7.39	7.49	7.49	7.40	7.31	7.28	6.92	7.24	7.15
RIGHT BANK GAGE	7.20	7.39	7.37	7.47	7.47	7.38	7.29	7.25	6.91	7.22	7.13
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	7.20 HB	7.11 HB	7.20 HB	7.15 HB	7.25 HB	7.21 HB	7.15 HB	7.20 HB	7.20- HB	7.14 HB	7.15 HB
2	6.58 HB	6.54 HB	6.54 HB	6.59 HB	6.56 HB	6.52 HB	6.56 HB	6.58 HB	6.53 HB	6.56 HB	6.59 HB
3	6.16 HB	6.12 HB	6.17 HB	6.14 HB	6.16 HB	6.20 HB	6.20 HB	6.18 HB	6.29 HB	6.32 HB	6.28 HB
4	5.92 G	5.89 G	5.93 G	5.94 FG	5.94 FG	5.95 G	5.95 G	5.96 HB	6.07 SG	6.04 G	6.04 G
5	5.91 G	5.88 SG	5.88 FG	5.88 S	5.89 SG	5.90 G	5.90 G	5.88 G	5.88 S	5.93 G	5.91 G
6	5.92 FG	5.92 S	5.91 S	5.91 S	5.98 CS	5.91 S	5.90 FG	5.87 G	5.97 S	5.91 SG	5.95 S
7	6.10 S	6.12 S	6.03 S	6.09 S	6.09 S	6.03 S	6.10 S	5.98 S	6.05 S	6.09 S	6.07 S
8	6.15 S	6.14 S	6.01 S	6.06 S	6.03 CS	6.09 S	6.08 S	6.07 S	6.05 CS	6.13 S	6.12 CS
9	6.14 S	6.09 S	6.13 S	6.08 S	6.08 G	6.08 G	6.08 G	6.08 S	6.09 G	6.15 S	6.10 CS
10	6.15 S	6.11 FG	6.10 S	6.10 G	6.10 G	6.10 G	6.14 S	6.15 S	6.11 G	6.16 S	6.12 G
11	6.23 S	6.19 S	6.16 S	6.17 G	6.16 SG	6.14 G	6.17 G	6.16 S	6.16 S	6.15 SG	6.16 G
12	6.23 S	6.21 S	6.19 G	6.24 FS	6.20 G	6.20 G	6.23 G	6.19 G	6.20 S	6.21 G	6.18 G
13	6.21 SG	6.24 G	6.22 S	6.26 G	6.26 S	6.22 FG	6.22 G	6.25 G	6.22 G	6.22 G	6.21 G
14	6.28 SG	6.27 G	6.27 SG	6.27 G	6.27 S	6.29 FG	6.29 G	6.26 G	6.28 G	6.31 G	6.30 G
15	6.44 S	6.44 FS	6.47 FS	6.48 S	6.49 FS	6.49 FS	6.42 BM	6.45 BM	6.44 S	6.43 G	6.41 BM
16	7.35-	7.32 BM	7.36 BM	7.35 FS	7.35 BM	7.32 BM	6.98 BM	6.96 BM	6.96-	6.97 BM	6.95 BM
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.9	0.6	0.6	0.6	0.5	0.6	0.7	0.8	1.3	0.9	1.0
BED ELEVATION	7.23	7.42	7.40	7.49	7.49	7.41	7.31	7.29	6.92	7.24	7.15
RIGHT EDGE WATER	15.9	16.1	16.0	16.1	16.1	16.0	16.0	16.0	15.7	16.0	16.0
BED ELEVATION	6.95	7.39	7.36	7.47	7.47	7.32	6.98	6.96	6.91	6.97	6.95

TABLE 34.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1533, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1350	7- 7 1009	7- 9 1409	7-12 1117	7-16 1344	7-20 1349	7-23 1426	7-26 1005	7-29 1420	9-15 1140	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	6.99	6.83	6.75	6.63	6.58	6.60	6.60	6.57	6.55	6.51	
RIGHT BANK GAGE	6.97	6.83	6.75	6.64	6.59	6.60	6.60	6.58	6.56	6.51	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
1	7.15- 6.55 HB	7.15- 6.57 HB	7.15- 6.54 HB	7.15- 6.51 HB	7.15- 6.53 HB	7.15- 6.55 HB	7.15- 6.55 HB	7.15- 6.57 HB	7.15- 6.53 HB	7.15- 6.53- 6.51	7.10 6.51
2	6.19 HB	6.30 HB	6.30 HB	6.24 HB	6.25 HB	6.28 HB	6.24 HB	6.26 HB	6.22 HB	6.26 M	6.09
3	6.05 CG	6.13 HB	6.14 HB	6.10 HB	6.08 HB	6.12 HB	6.11 HB	6.06 HB	6.09 HB	6.10 SG	5.89
4	5.89 CG	5.97 HB	5.94 S	5.92 CS	5.94 S	5.92 HB	5.94 HB	5.93 CS	5.93 HB	5.93 S	5.79
5											
6	6.00 S	6.02 S	6.04 S	6.03 CS	6.05 CS	6.01 CS	6.06 S	6.02 CS	6.04 CS	5.94 S	5.72
7	6.08 S	6.06 S	5.97 S	6.10 S	6.10 S	6.09 S	6.10 S	6.08 S	6.12 CS	6.00 S	5.43
8	6.06 S	6.06 SG	6.13 S	6.12 S	6.13 S	6.10 S	6.12 S	6.11 S	6.13 CS	6.13 S	5.58
9	6.13 SG	6.20 S	6.15 S	6.15 S	6.16 S	6.17 S	6.18 S	6.16 S	6.16 CS	6.24 S	5.55
10	6.20 S	6.18 S	6.16 S	6.17 S	6.20 S	6.22 S	6.28 S	6.24 S	6.26 S	6.31 S	5.57
11											
12	6.14 S	6.17 S	6.16 S	6.21 S	6.26 S	6.30 S	6.29 S	6.30 S	6.33 S	6.31 S	5.70
13	6.22 SG	6.22 SG	6.22 SG	6.26 FS	6.27 S	6.28 S	6.31 S	6.31 S	6.33 S	6.32 S	6.02
14	6.21 SG	6.24 SG	6.24 SG	6.27 S	6.26 G	6.25 CG	6.26 SG	6.25 SG	6.24 SG	6.26 S	6.09
15	6.30 SG	6.32 G	6.31 G	6.31 CG	6.29 G	6.30 CG	6.30 CG	6.29 CG	6.29 SG	6.30 SG	6.09
16	6.39 S	6.40 BM	6.42 BM	6.42 BM	6.43 BM	6.42 BM	6.43 BM	6.39 BM	6.43 FS	6.42 BM	6.38
17											
18	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95-	6.95
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.2	1.4	1.5	1.8	1.9	1.9	1.8	2.0	1.9	2.1	
BED ELEVATION	6.99	6.83	6.75	6.63	6.58	6.60	6.60	6.57	6.55	6.51	
RIGHT EDGE WATER	15.8	15.4	15.4	15.3	15.3	15.3	15.3	15.3	15.3	15.2	
BED ELEVATION	6.92	6.83	6.73	6.64	6.59	6.60	6.60	6.58	6.56	6.51	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 35.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1573, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1105	5-14 1222	5-16 1010	5-19 1042	5-21 1039	5-22 1514	5-24 1321	5-27 1052	5-28 1057	5-30 1043	6- 1 1033
WATER SURFACE(1)											
LEFT BANK GAGE	6.85	6.81	6.72	6.78	7.06	7.37	7.63*	6.97*	6.92	6.80	6.78
RIGHT BANK GAGE	6.87	6.81	6.72*	6.78	7.07	7.35	7.61	6.97	6.92	6.80	6.78
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.68 HB	6.78 HB	6.67 HB	6.78 HB	6.75 HB	6.72 HB	6.80 HB	6.76 HB	6.76 HB	6.70 HB	6.74 HB
2	6.40 CG	6.43 G	6.41 CG	6.48 HB	6.38 G	6.45 HB	6.42 HB	6.38 CG	6.36 HB	6.42 HB	6.38 HB
3	6.45 CG	6.47 G	6.47 CG	6.45 CG	6.39 G	6.45 HB	6.42 HB	6.45 CG	6.47 G	6.46 CG	6.46 G
4	6.41 G	6.47 G	6.40 CG	6.38 CG	6.37 G	6.40 SG	6.42 HB	6.37 CG	6.38 G	6.40 CG	6.38 G
5	6.37 FG	6.39 FG	6.36 CG	6.36 CG	6.32 S	6.36 SG	6.34 HB	6.37 CG	6.36 G	6.39 CG	6.39 G
6	6.35 FG	6.35 FG	6.32 CG	6.31 CG	6.29 SG	6.34 CS	6.36 G	6.34 CG	6.32 G	6.35 CG	6.36 G
7	6.27 G	6.27 SG	6.26 CG	6.28 G	6.26 SG	6.31 S	6.39 G	6.27 G	6.26 FG	6.29 CG	6.28 G
8	6.24 SG	6.22 G	6.22 CG	6.25 G	6.22 G	6.31 S	6.37 FG	6.24 FG	6.23 FG	6.27 FG	6.23 FG
9	6.20 G	6.21 G	6.20 CG	6.20 CG	6.18 G	6.27 S	6.29 CS	6.22 SG	6.29 CS	6.30 CS	6.22 FG
10	6.20 G	6.18 G	6.20 CG	6.20 CG	6.19 G	6.22 S	6.21 CS	6.21 S	6.22 CS	6.28 S	6.22 SG
11	6.21 CG	6.18 G	6.22 CG	6.21 CG	6.18 G	6.25 S	6.21 S	6.29 S	6.32 CS	6.26 CS	6.23 SG
12	6.22 CG	6.22 G	6.26 CG	6.21 CG	6.19 FG	6.23 S	6.23 S	6.29 S	6.37 S	6.34 CS	6.26 G
13	6.26 CG	6.25 G	6.25 CG	6.25 SG	6.19 G	6.12 HB	6.26 SG	6.39 S	6.37 S	6.26 SG	6.28 FS
14	6.28 G	6.28 BM	6.30 CG	6.22 SG	6.27 S	6.22 SG	6.31 SG	6.38 S	6.40 S	6.40 S	6.42 FS
15	7.06+	7.06+	7.06+	7.06+	7.06 BM	6.95 BM	7.01 BM	7.01-	7.01-	7.01-	7.01-
16	7.56+	7.56+	7.56+	7.56+	7.56+	7.56+	7.56 BM	7.56-	7.56-	7.56-	7.56-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.9	0.9	0.9	1.0	0.6	0.4	0.4	0.9	0.8	0.9	0.9
BED ELEVATION	6.85	6.81	6.72	6.78	7.06	7.37	7.63	6.97	6.92	6.80	6.78
RIGHT EDGE WATER	14.8	14.6	14.8	14.8	15.3	15.3	>16.0	14.7	14.8	14.7	14.6
BED ELEVATION	6.57	6.50	6.62	6.51	7.07	7.05		6.43	6.48	6.50	6.52

TABLE 35.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1573, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3	6- 5	6- 7	6- 9	6-10	6-11	6-12	6-13	6-14	6-15	6-16
WATER SURFACE(1)	1026	826	1016	1110	1105	951	954	953	1008	1013	1401
LEFT BANK GAGE	6.80	6.81	6.90	7.30	7.48	7.60	7.73	7.68	7.61	7.52	7.17
RIGHT BANK GAGE	6.79	6.81	6.91	7.29	7.46	7.58	7.71	7.65	7.58	7.49	7.16
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.69 HB	6.70 HB	6.75 HB	6.70 HB	6.86 HB	6.76 HB	6.83 HB	6.77 HB	6.62 HB	6.66 HB	
2	6.35 HB	6.36 CG	6.35 HB	6.45 HB	6.45 HB	6.44 HB	6.37 HB	6.42 HB	6.37 HB	6.46 HB	
3	6.46 CG	6.44 CG	6.42 CG	6.42 G	6.41 HB	6.45 HB	6.41 HB	6.40 CG	6.47 HB	6.42 HB	
4	6.37 CG	6.36 CG	6.36 CG	6.40 HB	6.39 HB	6.38 G	6.33 G	6.37 CG	6.36 HB	6.39 G	
5	6.36 CG	6.38 CG	6.35 SG	6.32 HB	6.37 HB	6.31 HB	6.31 HB	6.32 G	6.29 HB	6.31 G	
6	6.32 G	6.32 G	6.30 G	6.31 G	6.32 HB	6.32 FG	6.30 HB	6.31 G	6.35 G	6.25 SG	
7	6.27 FG	6.26 G	6.25 FG	6.31 S	6.28 S	6.32 SG	6.27 SG	6.33 S	6.31 S	6.30 SG	
8	6.22 FG	6.25 CG	6.22 FG	6.29 S	6.23 S	6.27 S	6.27 S	6.27 S	6.29 S	6.29 S	
9	6.24 FG	6.22 SG	6.22 FG	6.20 G	6.20 S	6.21 G	6.23 S	6.29 S	6.28 S	6.27 S	
10	6.21 SG	6.23 SG	6.21 FG	6.18 G	6.19 S	6.19 G	6.20 S	6.31 S	6.18 G	6.28 S	
11	6.21 SG	6.23 SG	6.19 SG	6.23 S	6.27 S	6.18 SG	6.21 S	6.31 S	6.27 S	6.20 FG	
12	6.21 SG	6.21 G	6.22 SG	6.20 S	6.20 S	6.19 G	6.22 S	6.35 S	6.23 S	6.25 S	
13	6.28 FS	6.29 S	6.26 G	6.22 S	6.23 S	6.18 G	6.22 S	6.20 S	6.20 S	6.17 G	
14	6.39 FS	6.39 FS	6.41 FS	6.19 FG	6.30 S	6.20 S	6.22 S	6.23 S	6.24 HB	6.21 S	
15	7.01-	7.01-	7.01-	6.97 BM	7.02 BM	6.94 BM	7.00 BM	6.96 BM	6.98 BM	6.97 BM	
16	7.56-	7.56-	7.56-	7.56-	7.56-	7.54 BM	7.50 BM	7.54 BM	7.55 BM	7.55-	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.9	0.9	0.8	0.4	0.4	0.3	0.5	0.2	0.2	0.3	
BED ELEVATION	6.80	6.81	6.90	7.30	7.49	7.61	7.74	7.68	7.60	7.53	
RIGHT EDGE WATER	14.6	14.7	14.6	15.3	15.4	>16.0	>16.0	>16.0	>16.0	15.7	
BED ELEVATION	6.51	6.46	6.46	7.09	7.46					7.49	

TABLE 35.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1573, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1000	6-18 1023	6-19 849	6-20 904	6-21 933	6-23 851	6-25 1616	6-27 1447	6-29 1357	7- 1 1035	7- 3 1053
WATER SURFACE(1)											
LEFT BANK GAGE	7.25	7.46	7.42	7.52	7.52	7.42	7.33	7.28	6.94	7.27	7.16
RIGHT BANK GAGE	7.24	7.43	7.40	7.48	7.49	7.40	7.31	7.29	6.94	7.25	7.16
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.75 HB	6.87 HB	6.73 HB	6.64 HB	6.71 HB	6.69 HB	6.75 HB	6.66 HB	6.69 HB	6.78 HB	6.72 HB
2	6.38 HB	6.46 HB	6.41 HB	6.46 HB	6.35 HB	6.41 HB	6.36 G	6.36 G	6.34 HB	6.36 HB	6.34 HB
3	6.39 G	6.44 G	6.42 G	6.40 G	6.41 G	6.38 G	6.36 G	6.34 G	6.42 HB	6.42 G	6.37 CG
4	6.34 G	6.36 G	6.31 G	6.36 G	6.33 G	6.33 G	6.35 G	6.28 G	6.35 HB	6.36 HB	6.33 CG
5	6.32 HB	6.35 G	6.34 G	6.35 G	6.31 G	6.35 G	6.32 G	6.35 G	6.33 CG	6.37 HB	6.33 CG
6	6.31 G	6.29 G	6.32 FG	6.33 FG	6.31 G	6.26 HB	6.27 G	6.29 G	6.30 G	6.31 HB	6.27 G
7	6.31 CS	6.26 CS	6.25 FG	6.38 CS	6.27 FG	6.26 FG	6.24 G	6.26 G	6.24 G	6.26 G	6.24 CG
8	6.25 CS	6.27 S	6.22 CS	6.36 S	6.23 SG	6.27 S	6.24 S	6.25 S	6.23 G	6.24 S	6.23 S
9	6.21 S	6.29 S	6.20 G	6.22 SG	6.25 S	6.28 S	6.23 S	6.22 S	6.21 S	6.24 SG	6.28 S
10	6.27 S	6.23 S	6.23 S	6.18 SG	6.24 S	6.26 S	6.27 S	6.23 S	6.25 S	6.25 CS	6.28 S
11	6.33 S	6.19 G	6.23 S	6.29 S	6.23 S	6.23 S	6.21 S	6.26 S	6.29 S	6.26 S	6.27 S
12	6.32 S	6.19 G	6.19 G	6.30 S	6.27 S	6.29 S	6.21 G	6.25 S	6.32 S	6.23 S	6.24 S
13	6.28 S	6.17 G	6.20 G	6.20 S	6.20 HB	6.26 S	6.20 S	6.25 S	6.29 S	6.23 G	6.23 S
14	6.31 S	6.31 S	6.25 S	6.23 S	6.24 S	6.24 S	6.33 S	6.31 S	6.37 S	6.28 G	6.29 HB
15	7.07 BM	6.91 BM	6.97 BM	6.93 BM	7.01 BM	7.00 BM	7.11 BM	7.03 BM	7.03-	7.06 BM	7.09 BM
16	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.5	0.2	0.5	0.4	0.4	0.4	0.4	0.3	0.5	0.6	0.5
BED ELEVATION	7.25	7.47	7.42	7.52	7.52	7.42	7.33	7.28	6.94	7.27	7.16
RIGHT EDGE WATER	15.2	15.3	15.3	15.5	15.5	15.3	15.2	15.2	14.8	15.3	15.3
BED ELEVATION	7.07	7.43	7.05	7.48	7.49	7.40	7.07	7.05	6.46	7.09	7.08

TABLE 35.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1573, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1240	7- 7 1001	7- 9 1412	7-12 1109	7-16 1342	7-20 1346	7-23 1423	7-26 959	7-29 1418	9-15 1130	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	7.01*	6.85	6.77	6.65	6.60*	6.61*	6.61*	6.58*	6.57*	6.52*	
RIGHT BANK GAGE	7.01	6.85	6.77	6.65	6.60	6.61	6.61	6.58	6.57	6.52	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
1	6.67 HB	6.65 HB	6.67 HB	6.65 HB	6.65- S	6.61 HB	6.61 HB	6.61- HB	6.61- HB	6.61- CG	6.61
2	6.32 HB	6.34 HB	6.36 HB	6.34 SG	6.35 S	6.31 HB	6.33 HB	6.33 HB	6.34 CS	6.32 CG	6.31
3	6.36 CG	6.43 CG	6.45 CG	6.44 CG	6.45 CG	6.41 CG	6.43 CG	6.42 CG	6.44 CG	6.42 CG	6.34
4	6.34 CG	6.35 CG	6.36 CG	6.36 CG	6.37 CG	6.34 CG	6.35 CG	6.35 CG	6.35 CG	6.34 CG	6.28
5	6.34 CG	6.35 CG	6.36 CG	6.35 CG	6.38 CG	6.35 CG	6.35 CG	6.35 CG	6.35 CG	6.36 CG	6.23
6	6.29 CG	6.32 G	6.34 G	6.33 CG	6.32 G	6.31 CG	6.31 CG	6.31 CG	6.33 CG	6.32 CG	6.18
7	6.25 G	6.25 G	6.27 G	6.27 G	6.28 G	6.27 G	6.28 CG	6.26 G	6.27 CG	6.29 G	6.14
8	6.22 CS	6.23 G	6.25 G	6.23 SG	6.24 G	6.22 G	6.23 CG	6.25 G	6.25 G	6.23 SG	5.93
9	6.21 S	6.22 SG	6.24 SG	6.22 SG	6.22 SG	6.21 G	6.21 CG	6.22 SG	6.24 SG	6.22 SG	6.01
10	6.21 S	6.30 S	6.22 SG	6.22 SG	6.21 SG	6.21 CG	6.21 SG	6.21 SG	6.24 SG	6.23 S	6.09
11	6.25 S	6.33 S	6.25 SG	6.22 SG	6.22 SG	6.21 CG	6.24 CG	6.21 SG	6.25 SG	6.23 S	6.18
12	6.27 S	6.35 S	6.24 G	6.26 SG	6.25 CG	6.22 SG	6.22 SG	6.23 SG	6.24 SG	6.22 S	6.19
13	6.23 S	6.31 S	6.34 FS	6.34 S	6.34 FS	6.31 S	6.33 FS	6.34 FS	6.35 FS	6.32 S	6.12
14	6.31 S	6.32 S	6.34 FS	6.33 S	6.33 FS	6.32 FS	6.33 FS	6.32 FS	6.34 FS	6.32 S	6.19
15	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-	7.09-	6.91
16	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.50
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.5	0.8	0.9	1.0	1.1	1.0	1.0	1.1	1.1	1.2	
BED ELEVATION	7.01	6.85	6.77	6.65	6.60	6.61	6.61	6.58	6.57	6.52	
RIGHT EDGE WATER	14.7	14.7	14.7	14.7	14.6	14.7	14.7	14.7	14.7	14.8	
BED ELEVATION	6.46	6.47	6.47	6.49	6.48	6.55	6.52	6.47	6.48	6.49	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 36.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1610, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1101	5-14 1155	5-16 1005	5-19 1035	5-21 1030	5-22 1454	5-24 1318	5-27 1048	5-28 1042	5-30 1013	6- 1 1023
WATER SURFACE(1)											
LEFT BANK GAGE	6.95	6.91	6.81	6.88	7.12	7.43	7.65*	7.01*	6.96	6.84	6.81
RIGHT BANK GAGE	6.93	6.90	6.80*	6.87	7.11	7.39	7.61	7.00	6.96	6.83	6.81
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.95 HB	6.91 HB	6.91- HB	6.91- HB	7.02 HB	6.98 HB	6.85 HB	6.89 HB	6.88 HB	6.84 HB	6.81 HB
2	6.63 S	6.60 HB	6.65 HB	6.59 CG	6.63 CG	6.61 BM	6.52 HB	6.55 HB	6.57 HB	6.58 HB	6.57 HB
3	6.50 G	6.51 CG	6.55 CG	6.47 CG	6.52 CG	6.56 G	6.50 HB	6.50 HB	6.49 CG	6.52 CG	6.51 G
4	6.43 G	6.43 CG	6.44 CG	6.42 G	6.45 CG	6.49 HB	6.41 HB	6.39 HB	6.38 CG	6.41 CG	6.40 G
5	6.34 G	6.35 CG	6.36 CG	6.34 G	6.37 SG	6.39 HB	6.35 HB	6.30 HB	6.33 CG	6.32 CG	6.33 G
6	6.32 G	6.32 CG	6.32 CG	6.30 G	6.30 SG	6.33 HB	6.28 G	6.29 HB	6.31 CG	6.28 CG	6.27 G
7	6.22 G	6.27 CG	6.27 CG	6.25 G	6.21 SG	6.27 HB	6.23 SG	6.19 HB	6.20 CG	6.24 CG	6.25 G
8	6.15 G	6.16 CG	6.18 CG	6.17 G	6.14 SG	6.12 HB	6.13 G	6.16 HB	6.16 CG	6.16 CG	6.20 G
9	6.19 G	6.21 G	6.22 CG	6.21 G	6.20 S	6.16 CS	6.17 HB	6.22 FG	6.28 FG	6.25 FG	6.25 SG
10	6.32 FG	6.29 SG	6.30 G	6.28 S	6.31 S	6.28 S	6.34 HB	6.39 FG	6.38 FG	6.36 G	6.40 SG
11	6.40 S	6.37 SG	6.40 G	6.37 S	6.33 S	6.34 S	6.47 S	6.45 CS	6.46 SG	6.44 FG	6.53 SG
12	6.46 S	6.43 CS	6.43 G	6.42 S	6.48 S	6.61 S	6.72 S	6.54 CS	6.52 S	6.48 S	6.50 S
13	6.56 S	6.50 CS	6.50 S	6.47 S	6.61 S	6.74 S	6.82 S	6.59 CS	6.55 S	6.48 S	6.49 S
14	6.56 S	6.49 CS	6.48 CS	6.46 S	6.51 S	6.90 S	6.91 S	6.64 CS	6.50 S	6.45 S	6.50 S
15	6.64 S	6.53 S	6.48 S	6.45 S	6.61 S	6.71 S	6.89 S	6.45 CS	6.57 S	6.48 S	6.43 S
16	6.63 S	6.59 S	6.55 S	6.57 S	6.53 S	6.83 S	6.94 S	6.70 CS	6.63 S	6.68 S	6.55 S
17	6.73 S	6.74 S	6.73 FS	6.64 BM	6.63 S	6.75 S	6.93 S	6.80 S	6.75 S	6.69 S	6.67 S
18	6.83 BM	6.84 FS	6.84- FS	6.87 BM	6.85 M	6.81 S	6.94 S	6.89 S	6.85 FS	6.83 FS	6.83- FS
19	7.56+	7.56+	7.56+	7.56+	7.56+	7.56+	7.56 BM	7.56-	7.56-	7.56-	7.56-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.0	1.0	1.5	1.2	0.8	0.5	0.2	0.9	0.9	1.0	1.0
BED ELEVATION	6.95	6.91	6.81	6.88	7.12	7.23	7.45	7.01	6.96	6.84	6.81
RIGHT EDGE WATER	18.3	18.3	17.9	18.0	18.5	18.9	>19.0	18.4	18.5	18.0	17.9
BED ELEVATION	6.93	6.89	6.80	6.87	7.10	7.29		7.00	6.95	6.83	6.81

TABLE 36.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1610, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1008	6- 5 807	6- 7 958	6- 9 1110	6-10 1057	6-11 932	6-12 925	6-13 929	6-14 939	6-15 955	6-16 1359
WATER SURFACE(1)											
LEFT BANK GAGE	6.83	6.85	6.95	7.36	7.55	7.66	7.75	7.71	7.65	7.56	7.22
RIGHT BANK GAGE	6.82	6.83	6.93	7.33	7.50	7.61	7.71	7.67	7.61	7.53	7.19
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.83 HB	6.85 HB	6.90 HB	6.88 HB	6.85 HB	6.89 HB	7.03 HB	6.99 HB	6.87 HB	6.87 HB	
2	6.56 HB	6.58 HB	6.57 HB	6.54 G	6.55 HB	6.56 HB	6.56 HB	6.53 HB	6.54 HB	6.54 HB	
3	6.45 CG	6.46 CG	6.50 CG	6.52 G	6.55 HB	6.54 G	6.50 HB	6.49 G	6.48 HB	6.49 HB	
4	6.40 CG	6.38 CG	6.41 CG	6.41 SG	6.44 G	6.43 G	6.39 HB	6.41 G	6.40 HB	6.40 G	
5	6.33 CG	6.34 CG	6.34 CG	6.33 G	6.38 G	6.33 G	6.32 CG	6.33 G	6.30 HB	6.30 G	
6	6.30 CG	6.26 CG	6.27 CG	6.32 G	6.35 G	6.34 G	6.28 HB	6.31 G	6.30 HB	6.28 G	
7	6.23 CG	6.24 CG	6.21 CG	6.22 G	6.23 G	6.24 HB	6.21 HB	6.20 G	6.21 HB	6.20 G	
8	6.18 CG	6.18 CG	6.15 CG	6.14 G	6.15 FG	6.17 CG	6.15 G	6.16 HB	6.16 HB	6.14 HB	
9	6.24 CS	6.25 FG	6.24 FG	6.10 SG	6.22 FG	6.23 G	6.16 G	6.17 HB	6.19 HB	6.21 G	
10	6.36 G	6.38 FG	6.35 FG	6.39 SG	6.32 FG	6.35 FG	6.28 SG	6.32 FG	6.36 HB	6.34 FG	
11	6.45 G	6.45 FG	6.44 CS	6.44 S	6.46 S	6.45 SG	6.47 S	6.51 CS	6.47 S	6.51 FG	
12	6.48 S	6.47 FG	6.62 CS	6.50 S	6.60 S	6.63 S	6.63 S	6.55 CS	6.54 S	6.58 CS	
13	6.48 S	6.45 S	6.54 S	6.59 S	6.82 S	6.75 S	6.72 S	6.76 S	6.74 S	6.71 CS	
14	6.51 S	6.45 S	6.56 S	6.60 S	6.79 FG	6.90 S	6.90 S	6.84 S	6.87 S	6.75 S	
15	6.51 S	6.44 S	6.57 S	6.74 S	6.86 S	6.92 S	7.02 S	6.94 S	6.94 S	6.84 S	
16	6.53 S	6.44 S	6.49 S	6.45 S	6.97 S	6.92 S	6.98 S	7.00 S	6.88 S	6.97 S	
17	6.68 FS	6.68 FS	6.68 S	6.72 S	6.87 S	6.90 S	7.06 S	6.90 S	6.86 S	6.94 S	
18	6.82 FS	6.83 S	6.87 S	6.83 FS	6.85 S	6.95 BM	7.02 S	7.04 S	7.00 S	6.96 S	
19	7.56-	7.56-	7.56-	7.56-	7.56-	7.58 BM	7.61 BM	7.56 BM	7.59 BM	7.59-	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	1.0 6.83	1.0 6.85	0.8 6.95	0.4 7.37	0.4 7.56	0.3 7.66	0.2 7.76	0.2 7.71	0.3 7.46	0.3 7.57	
RIGHT EDGE WATER BED ELEVATION	18.0 6.82	18.0 6.83	18.3 6.93	18.8 7.33	18.9 7.34	>19.0	>19.0	>19.0	>19.0	18.9 7.52	

TABLE 36.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1610, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 945	6-18 1000	6-19 831	6-20 851	6-21 915	6-23 836	6-25 1635	6-27 1504	6-29 1600	7- 1 1026	7- 3 1044
WATER SURFACE(1)											
LEFT BANK GAGE	7.30	7.49	7.48	7.55	7.57	7.46	7.38	7.35	6.96	7.30	7.22
RIGHT BANK GAGE	7.28	7.46	7.44	7.52	7.53	7.44	7.35	7.32	6.95	7.28	7.20
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.98 HB	7.02 HB	6.84 HB	6.86 HB	6.95 HB	6.86 HB	6.90 HB	6.87 HB	6.86 HB	6.88 HB	6.99 HB
2	6.53 HB	6.59 HB	6.54 HB	6.52 HB	6.52 HB	6.49 HB	6.52 HB	6.47 HB	6.49 G	6.51 HB	6.52 HB
3	6.46 HB	6.48 HB	6.46 HB	6.46 HB	6.46 HB	6.46 HB	6.46 G	6.45 HB	6.45 G	6.41 HB	6.43 CG
4	6.37 HB	6.40 G	6.41 HB	6.42 HB	6.41 HB	6.40 HB	6.40 G	6.39 HB	6.39 G	6.39 HB	6.40 G
5	6.33 HB	6.37 G	6.32 HB	6.34 HB	6.33 HB	6.32 HB	6.31 G	6.32 G	6.29 G	6.30 HB	6.31 G
6	6.31 HB	6.29 HB	6.31 HB	6.32 HB	6.33 HB	6.31 HB	6.28 G	6.30 G	6.26 G	6.26 HB	6.26 G
7	6.19 HB	6.26 HB	6.21 HB	6.22 HB	6.21 HB	6.22 HB	6.22 G	6.22 G	6.21 G	6.21 HB	6.22 HB
8	6.13 HB	6.17 HB	6.12 HB	6.14 HB	6.15 HB	6.12 HB	6.16 G	6.16 G	6.17 G	6.15 HB	6.18 HB
9	6.22 FG	6.25 SG	6.23 G	6.23 HB	6.26 G	6.20 G	6.23 G	6.24 G	6.22 G	6.23 G	6.23 HB
10	6.37 FG	6.40 S	6.42 FG	6.39 FG	6.38 G	6.37 G	6.36 G	6.41 FG	6.35 G	6.37 G	6.37 G
11	6.54 S	6.49 S	6.54 S	6.47 CS	6.45 FG	6.48 SG	6.43 FG	6.48 S	6.40 G	6.46 S	6.42 G
12	6.59 S	6.52 S	6.55 S	6.51 S	6.53 CS	6.54 S	6.50 S	6.50 FG	6.45 CS	6.47 FG	6.55 S
13	6.61 S	6.68 S	6.69 S	6.65 S	6.63 S	6.63 S	6.63 G	6.62 S	6.59 CS	6.60 FG	6.57 S
14	6.67 S	6.75 S	6.80 S	6.68 S	6.78 S	6.79 S	6.70 S	6.73 S	6.58 CS	6.66 S	6.67 S
15	6.65 S	6.77 S	6.89 S	6.69 S	6.85 S	6.90 S	6.80 S	6.75 S	6.55 S	6.74 S	6.75 S
16	6.70 S	6.88 S	6.92 S	6.82 S	6.92 S	6.79 S	6.79 S	6.67 S	6.62 S	6.68 FS	6.67 S
17	6.72 S	6.77 S	6.82 S	6.82 S	6.97 S	6.84 S	6.75 S	6.77 S	6.62 S	6.66 FS	6.71 S
18	6.94 FS	6.87 S	6.93 S	6.88 S	6.91 S	6.84 S	6.85 FS	6.85 S	6.84 S	6.87 M	6.87 FS
19	7.59-	7.46 BM	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.6	0.3	0.4	0.2	0.4	0.5	0.4	0.4	1.0	0.6	0.7
BED ELEVATION	7.30	7.50	7.48	7.56	7.57	7.46	7.38	7.36	6.86	7.30	7.22
RIGHT EDGE WATER	18.7	19.0	18.9	18.9	18.9	18.9	18.8	18.9	18.2	18.7	18.6
BED ELEVATION	7.27	7.46	7.34	7.34	7.37	7.41	7.34	7.32	6.95	7.28	7.20

TABLE 36.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1610, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1100	7- 7 958	7- 9 1417	7-12 1103	7-16 1332	7-20 1339	7-23 1414	7-26 955	7-29 1411	9-15 1110	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	7.06	6.89	6.81	6.69	6.65	6.66	6.66	6.64	6.61	6.57	
RIGHT BANK GAGE	7.04	6.88	6.80	6.68*	6.64*	6.65*	6.65*	6.63*	6.60*	6.56	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
1	6.83 HB	6.89 HB	6.89- HB	6.89- HB	6.89- CG	6.89- CG	6.89- CG	6.89- CG	6.89- CG	6.89- G	6.81
2	6.50 HB	6.49 CG	6.51 HB	6.53 HB	6.51 CG	6.50 CG	6.52 CG	6.50 CG	6.50 CG	6.53 G	6.47
3	6.43 CG	6.46 CG	6.42 G	6.46 HB	6.43 CG	6.44 CG	6.44 CG	6.45 CG	6.41 CG	6.43 CG	6.28
4	6.39 CG	6.39 CG	6.40 CG	6.40 CG	6.39 CG	6.38 CG	6.39 CG	6.40 CG	6.38 CG	6.38 CG	6.26
5	6.29 CG	6.30 CG	6.31 CG	6.33 CG	6.32 CG	6.33 CG	6.32 CG	6.31 CG	6.29 CG	6.33 CG	6.21
6	6.26 HB	6.26 CG	6.28 CG	6.27 HB	6.24 CG	6.25 CG	6.26 CG	6.26 CG	6.26 CG	6.25 CG	6.15
7	6.21 G	6.26 CG	6.28 HB	6.21 HB	6.23 CG	6.25 CG	6.23 CG	6.21 CG	6.20 CG	6.20 CG	6.12
8	6.11 G	6.18 CG	6.20 HB	6.17 CG	6.16 CG	6.15 CG	6.17 CG	6.16 CG	6.17 HB	6.16 SG	5.97
9	6.23 G	6.25 FG	6.26 G	6.26 FG	6.24 FG	6.24 FG	6.27 G	6.25 G	6.25 SG	6.25 SG	6.06
10	6.35 G	6.37 G	6.38 G	6.36 G	6.35 G	6.35 G	6.38 G	6.37 G	6.37 G	6.36 SG	6.09
11	6.41 FG	6.40 G	6.40 G	6.41 G	6.43 G	6.42 G	6.43 G	6.41 G	6.40 G	6.41 G	6.11
12	6.45 CS	6.48 FG	6.47 FG	6.47 FG	6.52 FG	6.46 FG	6.48 SG	6.47 SG	6.46 SG	6.47 CS	5.86
13	6.57 CS	6.52 FG	6.50 SG	6.49 CS	6.51 FG	6.49 FG	6.50 SG	6.50 SG	6.49 SG	6.48 G	5.96
14	6.61 CS	6.56 CS	6.50 SG	6.50 S	6.53 FG	6.50 FG	6.50 SG	6.50 SG	6.48 SG	6.45 SG	5.95
15	6.62 S	6.57 S	6.49 FS	6.45 CS	6.43 FG	6.35 SG	6.36 SG	6.34 SG	6.32 SG	6.24 CS	5.88
16	6.55 S	6.56 S	6.51 FS	6.49 FS	6.51 FG	6.45 FS	6.45 SG	6.50 FS	6.44 FS	6.13 CS	6.00
17	6.60 S	6.60 FS	6.54 FS	6.56 FS	6.59 FS	6.55 FS	6.57 FS	6.57 FS	6.57 FS	6.35 BM	6.10
18	6.86 FS	6.88 FS	6.80 FS	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80
19	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.9	1.0	1.1	1.3	1.4	1.4	1.4	1.5	1.5	1.8	
BED ELEVATION	6.91	6.89	6.81	6.69	6.64	6.66	6.66	6.63	6.60	6.57	
RIGHT EDGE WATER	18.3	18.0	18.0	17.6	17.1	17.3	17.3	17.2	17.2	17.5	
BED ELEVATION	7.04	6.88	6.80	6.68	6.64	6.65	6.65	6.63	6.60	6.56	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 37.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1662, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1048	5-14 1154	5-16 954	5-19 1025	5-21 1024	5-22 1449	5-24 1258	5-27 1032	5-28 1039	5-30 1005	6- 1 1023
WATER SURFACE(1)											
LEFT BANK GAGE	6.97	6.93	6.82	6.90	7.17	7.48	7.69	7.04	6.99	6.86	6.84
RIGHT BANK GAGE	6.96	6.92	6.82	6.89	7.15	7.45	7.66	7.03	6.98	6.85	6.83
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.50+	7.50+	7.50+	7.50+	7.50+	7.50 BM	7.49 BM	7.49-	7.49-	7.49-	7.49-
1	7.39+	7.39+	7.39+	7.39+	7.39+	7.39 BM	7.40 BM	7.40-	7.40-	7.40-	7.40-
2	7.30+	7.30+	7.30+	7.30+	7.30+	7.30 BM	7.43 BM	7.43-	7.43-	7.43-	7.43-
3	7.21+	7.21+	7.21+	7.21+	7.21+	7.21 BM	7.40 BM	7.40-	7.40-	7.40-	7.40-
4	7.29+	7.29+	7.29+	7.29+	7.29+	7.29 BM	7.33 BM	7.33-	7.33-	7.33-	7.33-
5	7.47+	7.47+	7.47+	7.47+	7.47+	7.47 BM	7.49 BM	7.49-	7.49-	7.49-	7.49-
6	7.36+	7.36+	7.36+	7.36+	7.36+	7.36 BM	7.38 BM	7.38-	7.38-	7.38-	7.38-
7	6.78 FS	6.80 M	6.76 M	6.80 M	6.79 FS	6.80 M	6.80 M	6.81 M	6.78 FS	6.80 FS	6.82 M
8	6.82 FS	6.81 M	6.82 M	6.88 M	6.84 FS	6.87 M	6.84 M	6.81 M	6.84 FS	6.85 FS	6.85-
9	6.67 FS	6.70 M	6.68 M	6.69 M	6.65 FS	6.67 M	6.70 M	6.71 M	6.68 FS	6.72 FS	6.72 M
10	6.52 FS	6.58 M	6.53 M	6.58 M	6.59 FS	6.68 M	6.69 M	6.72 M	6.69 FS	6.68 FS	6.68 FS
11	6.22 FS	6.30 M	6.28 M	6.28 M	6.36 FS	6.40 M	6.29 M	6.44 M	6.35 FS	6.35 FS	6.37 FS
12	5.89 FS	5.91 M	5.92 M	5.86 M	6.03 FS	6.06 FS	5.92 M	6.08 M	5.95 FS	5.97 SG	5.89 FS
13	5.66 FS	5.70 M	5.66 M	5.67 M	5.68 S	5.75 FS	5.68 FS	5.74 M	5.71 FS	5.73 FS	5.74 FS
14	5.73 FS	5.78 M	5.76 M	5.78 M	5.77 SG	5.75 FS	5.68 FS	5.72 FS	5.70 FS	5.72 FS	5.72 FS
15	5.81 S	5.82 FS	5.83 S	5.82 S	5.78 S	5.72 FS	5.55 FS	5.58 FS	5.57 FS	5.46 FS	5.62 FS
16	5.78 S	5.76 FS	5.77 S	5.75 S	5.76 FG	5.59 FS	5.50 FS	5.44 FS	5.47 FS	5.47 FS	5.48 S
17	5.78 S	5.82 FS	5.76 FS	5.76 SG	5.75 S	5.60 S	5.57 FS	5.43 FS	5.47 S	5.60 S	5.55 S
18	5.84 S	5.91 FS	5.87 FS	5.98 SG	5.83 S	5.54 S	5.70 FS	5.61 FS	5.55 S	5.63 S	5.65 FS
19	5.94 S	6.00 FS	6.00 FS	6.01 SG	5.89 S	5.93 CS	5.84 FS	5.80 FS	5.72 S	5.65 CS	5.74 FS
20	5.96 S	6.03 S	5.98 SG	5.94 SG	5.96 S	5.94 S	5.81 FS	5.84 FS	5.86 S	5.81 FG	5.83 FS
21	6.01 CS	6.05 S	6.04 SG	6.05 SG	6.13 CS	5.97 S	5.84 FS	6.04 FS	5.96 S	5.81 FG	5.82 G
22	5.98 CS	6.05 S	6.02 SG	6.05 SG	6.05 CS	6.12 S	5.98 S	5.99 S	5.96 CS	5.87 G	5.95 CG
23	6.27 FG	6.33 G	6.30 CG	6.26 M	6.20 G	6.25 S	6.26 SG	6.33 CG	6.28 G	6.32 G	6.33 CG
24	6.79 BM	6.62 BM	6.82 BM	6.85 BM	6.81 BM	6.77 BM	6.53 G	6.48 CG	6.48 G	6.59 G	6.57 CG
25	7.62+	7.62+	7.62+	7.62+	7.62+	7.62+	7.62 BM	7.62-	7.62-	7.62-	7.62-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	6.9	6.4	6.5	6.5	6.5	0.0	< 0.0	7.0	6.9	6.9	6.7
RIGHT EDGE WATER BED ELEVATION	24.3	24.2	24.0	24.2	24.5	24.5	>25.0	24.3	24.4	24.2	24.1
	6.96	6.92	6.82	6.89	7.13	7.14		7.00	6.98	6.65	6.82

TABLE 37.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1662, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 1003	6-5 801	6-7 1000	6-9 1047	6-10 1038	6-11 1146	6-12 1206	6-13 1107	6-14 921	6-15 1140	6-16 1662
WATER SURFACE(1)											
LEFT BANK GAGE	6.86	6.86	6.98	7.40	7.58	7.71	7.81	7.75	7.68	7.60	7.25
RIGHT BANK GAGE	6.85	6.86	6.97	7.38	7.56	7.67	7.79	7.73	7.64	7.58*	7.23*
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.49-	7.49-	7.49-	7.49-	7.45 BM	7.48 BM	7.46 BM	7.45 BM	7.48 BM	7.45 BM	
1	7.40-	7.40-	7.40-	7.40-	7.38 BM	7.41 BM	7.39 BM	7.37 BM	7.40 BM	7.39 BM	
2	7.43-	7.43-	7.43-	7.43-	7.47 BM	7.49 BM	7.49 BM	7.44 BM	7.48 BM	7.47 BM	
3	7.40-	7.40-	7.40-	7.40-	7.23 BM	7.24 BM	7.24 BM	7.26 BM	7.24 BM	7.22 BM	
4	7.33-	7.33-	7.33-	7.33-	7.29 BM	7.33 BM	7.33 BM	7.29 BM	7.30 BM	7.29 BM	
5	7.49-	7.49-	7.49-	7.49-	7.47 BM	7.49 BM	7.49 BM	7.46 BM	7.47 BM	7.47 BM	
6	7.38-	7.38-	7.38-	7.37 BM	7.36 BM	7.41 BM	7.42 BM	7.35 BM	7.38 BM	7.45 BM	
7	6.80 M	6.80 M	6.79 M	6.78 FS	6.78 FS	6.79 M	6.78 M	6.77 M	6.79 M	6.77 M	
8	6.86 M	6.85 M	6.84 M	6.87 FS	6.86 FS	6.89 M	6.86 M	6.86 M	6.86 M	6.89 M	
9	6.71 FS	6.70 M	6.69 FS	6.64 FS	6.65 FS	6.66 FS	6.65 M	6.65 M	6.64 FS	6.66 M	
10	6.65 FS	6.66 FS	6.65 FS	6.58 FS	6.63 FS	6.65 FS	6.67 M	6.66 M	6.66 FS	6.66 M	
11	6.36 FS	6.44 FS	6.39 FS	6.40 FS	6.47 FS	6.42 FS	6.46 M	6.42 M	6.26 FS	6.25 M	
12	5.97 FS	6.09 FS	5.97 FS	5.97 FS	5.97 FS	5.88 FS	5.82 M	5.86 M	6.04 FS	5.78 M	
13	5.74 FS	5.76 FS	5.76 FS	5.77 FS	5.75 FS	5.66 FS	5.64 M	5.63 M	5.67 FS	5.68 M	
14	5.74 FS	5.73 FS	5.75 FS	5.69 FS	5.66 S	5.58 S	5.69 M	5.60 M	5.61 FS	5.59 M	
15	5.59 FS	5.59 FS	5.59 FS	5.50 S	5.47 S	5.47 S	5.40 FS	5.40 G	5.39 G	5.39 HB	
16	5.48 FS	5.48 FS	5.52 FS	5.47 S	5.52 S	5.42 S	5.38 G	5.39 S	5.39 S	5.40 S	
17	5.68 S	5.65 S	5.52 S	5.49 S	5.57 S	5.49 S	5.47 S	5.48 S	5.48 S	5.43 S	
18	5.68 S	5.65 S	5.58 S	5.67 S	5.71 S	5.54 S	5.53 S	5.55 S	5.52 S	5.58 S	
19	5.66 S	5.74 S	5.60 S	5.89 S	5.68 SG	5.65 G	5.65 SG	5.68 S	5.67 S	5.67 S	
20	5.79 G	5.77 G	5.80 S	5.95 S	5.77 G	5.75 G	5.79 S	5.80 S	5.76 S	5.77 S	
21	5.76 G	5.78 G	5.82 S	6.03 S	5.85 S	5.78 G	5.84 S	5.81 S	5.78 S	5.78 S	
22	5.86 G	5.86 G	5.87 G	6.09 S	5.93 S	5.90 G	5.92 S	5.86 G	5.85 S	5.82 G	
23	6.22 G	6.33 G	6.22 G	6.20 G	6.11 G	6.17 G	6.26 S	6.20 G	6.19 S	6.22 G	
24	6.51 G	6.52 G	6.52 BM	6.50 FG	6.61 BM	6.52 S	6.61 S	6.61 BM	6.58 FS	6.54 G	
25	7.62-	7.62-	7.62-	7.62-	7.62-	7.64 BM	7.61 BM	7.62 BM	7.62 BM	7.62-	
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	6.7	6.8	6.1	5.8	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	
BED ELEVATION	6.84	6.83	6.84	7.41							
RIGHT EDGE WATER	24.2	24.3	24.4	24.6	24.7	>25.0	>25.0	>25.0	>25.0	24.5	
BED ELEVATION	6.85	6.85	6.97	7.09	7.55					7.07	

TABLE 37.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1662, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1112	6-18 1142	6-19 1005	6-20 1034	6-21 1030	6-23 1008	6-25 1520	6-27 1502	6-29 1424	7- 1 1015	7- 3 1034
WATER SURFACE(1)											
LEFT BANK GAGE	7.34	7.57	7.53	7.64	7.62	7.53	7.44	7.39	7.01	7.34	7.26
RIGHT BANK GAGE	7.32*	7.55*	7.51*	7.62*	7.60*	7.51*	7.42*	7.37*	6.99*	7.32*	7.24*
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.45-	7.46 BM	7.45 BM	7.46 BM	7.45 BM	7.46 BM	7.46-	7.46-	7.46-	7.46-	7.46-
1	7.39-	7.37 BM	7.39 BM	7.39 BM	7.40 BM	7.38 BM	7.38-	7.38-	7.38-	7.38-	7.38-
2	7.47-	7.30 BM	7.47 BM	7.47 BM	7.48 BM	7.47 BM	7.47-	7.47-	7.47-	7.47-	7.47-
3	7.22-	7.21 BM	7.22 BM	7.23 BM	7.24 BM	7.24 BM	7.24-	7.24-	7.24-	7.24-	7.24-
4	7.29-	7.30 BM	7.29 BM	7.34 BM	7.36 BM	7.33 BM	7.33-	7.33-	7.33-	7.33-	7.33-
5	7.47-	7.46 BM	7.46 BM	7.48 BM	7.47 BM	7.47 BM	7.47-	7.47-	7.47-	7.47-	7.47-
6	7.35-	7.34 BM	7.35 BM	7.38 BM	7.32 BM	7.36 BM	7.32 BM	7.33 BM	7.33-	7.36 BM	7.36-
7	6.77 M	6.79 M	6.78 M	6.76 FFS	6.79 FFS	6.78 FFS	6.77 M	6.78 M	6.77 M	6.77 FFS	6.76 FFS
8	6.89 M	6.87 M	6.87 M	6.91 FFS	6.92 FFS	6.89 FFS	6.91 M	6.88 M	6.91 M	6.92 FFS	6.93 FFS
9	6.66 M	6.66 M	6.64 M	6.64 FFS	6.64 FFS	6.64 FFS	6.66 M	6.64 M	6.68 M	6.66 FFS	6.64 FFS
10	6.65 M	6.67 M	6.70 M	6.73 FFS	6.72 FFS	6.73 FFS	6.76 M	6.75 M	6.75 FFS	6.73 FFS	6.70 FFS
11	6.31 M	6.46 M	6.38 M	6.52 FFS	6.39 FFS	6.48 FFS	6.47 M	6.34 FFS	6.29 FFS	6.46 FFS	6.28 FFS
12	5.81 M	5.98 M	5.89 M	5.96 FFS	5.88 FFS	5.95 FFS	5.94 M	5.81 FFS	5.88 FFS	5.92 FFS	5.83 FFS
13	5.70 M	5.72 M	5.65 M	5.68 FFS	5.66 FFS	5.75 FFS	5.75 M	5.61 FFS	5.72 FFS	5.73 FFS	5.65 FFS
14	5.61 M	5.59 M	5.55 M	5.65 FFS	5.61 FFS	5.63 FFS	5.68 M	5.66 M	5.72 FFS	5.67 M	5.62 M
15	5.50 M	5.46 S	5.51 M	5.61 FFS	5.61 FFS	5.56 FFS	5.58 M	5.64 S	5.59 FFS	5.66 S	5.73 S
16	5.47 M	5.47 S	5.59 S	5.53 S	5.67 S	5.52 FFS	5.58 M	5.64 S	5.60 FFS	5.59 S	5.78 S
17	5.50 S	5.55 S	5.64 S	5.58 S	5.69 S	5.50 FFS	5.55 M	5.66 S	5.72 S	5.92 S	5.85 S
18	5.70 S	5.65 S	5.64 S	5.54 S	5.72 S	5.59 S	5.58 M	5.77 S	5.72 S	6.09 S	5.84 S
19	5.91 S	5.86 S	5.63 G	5.67 G	5.87 S	5.72 S	5.81 S	5.86 S	5.86 S	6.16 S	5.83 S
20	5.94 S	5.95 S	5.84 S	5.78 S	5.80 S	5.79 S	5.92 S	5.83 S	5.96 S	5.95 S	5.97 S
21	6.11 S	6.14 S	5.91 S	5.82 S	5.86 S	5.83 S	5.98 S	5.94 S	5.97 S	6.13 S	6.11 S
22	6.15 S	6.05 S	5.96 FFS	5.97 FFS	5.90 S	5.90 S	5.94 S	5.99 S	5.90 S	6.09 S	6.02 S
23	6.25 S	6.26 S	6.19 S	6.21 S	6.10 S	6.20 S	6.28 S	6.10 S	6.25 S	6.12 S	6.16 S
24	6.51 G	6.51 S	6.49 G	6.51 G	6.46 G	6.42 G	6.46 FFS	6.40 G	6.40 S	6.36 CG	6.43 G
25	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	6.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	5.6	5.9	6.5	6.0	6.2
BED ELEVATION	7.35						7.45	7.39	6.84	7.36	7.26
RIGHT EDGE WATER	24.5	24.5	24.5	24.5	24.6	24.6	24.5	24.7	24.3	24.7	24.7
BED ELEVATION	6.56	6.59	6.60	7.61	7.59	7.50	7.08	7.06	6.98	7.02	7.02

TABLE 37.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1662, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1402	7- 7 950	7- 9 1430	7-12 1057	7-16 1329	7-20 1333	7-23 1403	7-26 950	7-29 1404	9-15 1050	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	7.07	6.91	6.82	6.70	6.66	6.67	6.67	6.64	6.63	6.58	
RIGHT BANK GAGE	7.05*	6.90*	6.81*	6.69*	6.65*	6.66*	6.66*	6.63*	6.62*	6.57*	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.45
1	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.37
2	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.30
3	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.21
4	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.29
5	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.46
6	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.32
7	6.76 FS	6.78 FS	6.83 FS	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	5.59
8	6.86 FS	6.87 FS	6.87 FS	6.87-	6.87-	6.87-	6.87-	6.87-	6.87-	6.87-	5.47
9	6.65 FS	6.63 FS	6.63 FS	6.63-	6.63-	6.63-	6.63-	6.63-	6.63-	6.63-	5.47
10	6.72 FS	6.73 FS	6.72 FS	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	5.42
11	6.39 FS	6.34 FS	6.29 FS	6.27 FS	6.36 FS	6.28 FS	6.29 FS	6.29 FS	6.28 FS	6.25 FS	5.34
12	5.86 FS	5.83 FS	5.74 FS	5.80 FS	5.85 FS	5.75 FS	5.75 FS	5.76 FS	5.79 FS	5.81 FS	5.30
13	5.73 FS	5.71 FS	5.78 FS	5.75 FS	5.74 FS	5.80 FS	5.74 FS	5.79 FS	5.74 FS	5.77 FS	5.33
14	5.81 S	5.91 S	5.90 FS	5.88 S	5.88 S	5.87 S	5.86 S	5.87 FS	5.77 S	5.85 FS	5.33
15	5.83 S	5.82 S	5.82 FS	5.82 S	5.84 S	5.82 S	5.82 S	5.82 FS	5.82 FS	5.79 FS	5.35
16	5.82 S	5.79 S	5.82 FS	5.78 S	5.78 S	5.79 S	5.78 S	5.80 FS	5.79 FS	5.79 FS	5.20
17	5.81 S	5.78 S	5.81 S	5.87 S	5.87 S	5.87 S	5.86 S	5.89 FS	5.90 S	5.88 FS	5.36
18	5.83 S	5.78 S	5.84 S	5.89 S	5.96 S	5.96 S	5.96 S	5.95 S	5.97 S	5.96 FS	5.43
19	5.95 S	5.97 S	5.93 S	6.07 S	6.05 S	6.05 S	6.05 S	6.06 S	6.06 S	6.05 FS	5.52
20	6.01 S	6.00 S	6.00 S	6.05 S	6.04 CS	6.03 CS	6.04 CS	6.02 S	6.01 CS	6.02 FS	5.70
21	6.13 S	6.18 S	6.12 S	6.05 SG	6.03 SG	6.03 CS	6.05 CS	6.04 CS	6.05 SG	6.05 SG	5.68
22	6.05 S	6.08 S	6.01 CS	6.05 FG	6.05 SG	6.05 CS	6.05 SG	6.05 CS	6.05 FG	6.05 SG	5.75
23	6.23 G	6.33 G	6.22 G	6.24 G	6.25 G	6.24 G	6.25 CG	6.23 SG	6.24 CG	6.23 M	6.05
24	6.34 G	6.39 G	6.38 G	6.36 G	6.29 CG	6.36 CG	6.36 CG	6.36 CG	6.38 CG	6.37 BM	6.29
25	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.61
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	6.5	6.9	6.9	10.1	10.3	10.2	10.3	10.4	10.4	10.3	
BED ELEVATION	6.83	6.78	6.83	6.70	6.66	6.67	6.67	6.64	6.63	6.58	
RIGHT EDGE WATER	24.7	24.4	24.4	24.3	24.2	24.2	24.3	24.2	24.3	24.1	
BED ELEVATION	7.04	6.89	6.80	6.68	6.64	6.65	6.65	6.40	6.41	6.39	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 38.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1695, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1041	5-14 1133	5-16 950	5-19 1020	5-21 1018	5-22 1431	5-24 1220	5-27 1028	5-28 1028	5-30 1005	6- 1 1018
WATER SURFACE(1)											
LEFT BANK GAGE	6.97	6.94	6.83	6.90	7.19	7.50	7.71	7.07	7.02	6.88	6.86
RIGHT BANK GAGE	6.98	6.94	6.83*	6.91	7.19	7.52	7.72	7.07	7.01	6.88	6.85
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.57+	7.57+	7.57+	7.57+	7.57+	7.57+	7.57 BM	7.57-	7.57-	7.57-	7.57-
1	7.42+	7.42+	7.42+	7.42+	7.42+	7.42+	7.42 BM	7.42-	7.42-	7.42-	7.42-
2	7.50+	7.50+	7.50+	7.50+	7.50+	7.50 BM	7.51 BM	7.51-	7.51-	7.51-	7.51-
3	6.82 BM	6.85 BM	6.83 BM	6.88 BM	6.86 S	6.89 BM	6.94 FS	6.91 FS	6.91 BM	6.91-	6.91-
4	6.77 S	6.77 S	6.77 FS	6.78 S	6.78 S	6.70 S	6.79 FS	6.89 CS	6.87 S	6.87 S	6.87-
5	6.75 S	6.76 S	6.76 S	6.76 S	6.73 S	6.65 S	6.91 FS	6.91 CS	6.84 S	6.85 S	6.85 S
6	6.72 S	6.73 S	6.76 S	6.72 S	6.63 SG	6.63 S	6.96 FS	6.88 CS	6.82 S	6.81 S	6.81 S
7	6.70 S	6.71 CS	6.73 S	6.69 S	6.66 SG	6.60 S	7.09 FS	6.87 CS	6.82 S	6.79 S	6.78 S
8	6.68 S	6.67 CS	6.69 S	6.68 S	6.60 SG	6.51 S	7.06 S	6.85 CS	6.82 S	6.77 S	6.78 S
9	6.59 S	6.68 CS	6.66 S	6.64 S	6.67 SG	6.55 S	6.90 S	6.77 CS	6.81 S	6.75 FG	6.78 SG
10	6.56 S	6.54 CS	6.63 S	6.61 S	6.59 SG	6.69 S	6.84 S	6.77 CS	6.72 S	6.73 SG	6.77 S
11	6.58 S	6.60 CS	6.63 S	6.58 S	6.64 SG	6.58 S	6.74 S	6.65 CS	6.64 CS	6.65 SG	6.66 S
12	6.56 S	6.59 CS	6.57 S	6.55 CS	6.55 SG	6.58 S	6.63 S	6.57 SG	6.64 FG	6.56 SG	6.55 SG
13	6.48 S	6.54 CS	6.49 S	6.48 S	6.50 SG	6.56 S	6.58 S	6.52 SG	6.50 FG	6.50 SG	6.50 FG
14	6.38 S	6.48 CS	6.40 G	6.41 S	6.45 SG	6.55 S	6.49 S	6.46 FG	6.43 G	6.45 FG	6.45 FG
15	6.36 S	6.35 CS	6.35 G	6.34 CS	6.37 SG	6.41 CS	6.33 G	6.36 FG	6.34 G	6.35 G	6.33 G
16	6.26 G	6.25 G	6.27 SG	6.26 SG	6.26 SG	6.30 CS	6.26 G	6.26 G	6.25 G	6.26 G	6.27 G
17	6.16 G	6.15 G	6.20 CG	6.15 SG	6.14 CS	6.19 CS	6.18 G	6.22 G	6.19 G	6.23 G	6.24 G
18	6.18 G	6.19 G	6.20 CG	6.19 G	6.18 G	6.19 CS	6.19 G	6.19 CG	6.19 G	6.21 G	6.20 G
19	6.21 G	6.23 G	6.23 CG	6.29 G	6.19 G	6.21 CS	6.22 G	6.10 CG	6.10 G	6.12 G	6.10 G
20	6.39 G	6.41 G	6.43 CG	6.43 G	6.39 G	6.40 CS	6.33 G	6.48 BM	6.39 G	6.46 BM	6.37 BM
21	6.97+	6.97+	6.97+	6.97+	6.97 BM	6.91 CS	6.85 G	6.87 BM	6.89 G	6.80 BM	6.85 BM
22	7.72+	7.72+	7.72+	7.72+	7.72+	7.72+	7.72+	7.72+	7.72+	7.72+	7.72+
23	7.74+	7.74+	7.74+	7.74+	7.74+	7.74+	7.74+	7.74+	7.74+	7.74+	7.74+
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.9	2.8	3.0	2.9	2.6	2.0	< 0.0	2.7	2.8	3.1	4.8
BED ELEVATION	6.88	6.94	6.83	6.90	7.19	7.50		7.07	7.02	6.88	6.86
RIGHT EDGE WATER	20.7	20.7	20.7	20.7	21.7	21.7	21.7	21.7	21.5	21.1	21.0
BED ELEVATION	6.57	6.56	6.56	6.58	7.19	7.30	7.10	7.07	7.01	6.88	6.85

TABLE 38.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1695, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 1000	6- 5 757	6- 7 948	6- 9 1055	6-10 1050	6-11 1128	6-12 1134	6-13 1050	6-14 938	6-15 1120	6-16 1695
WATER SURFACE(1)											
LEFT BANK GAGE	6.87	6.88	7.00	7.42	7.59	7.71	7.81	7.76	7.69	7.62	7.28
RIGHT BANK GAGE	6.87	6.88	7.01	7.44	7.61	7.74	7.82*	7.78	7.72	7.64	7.28
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.57-	7.57-	7.57-	7.57-	7.55 BM	7.56 BM	7.53 BM	7.55 BM	7.55 BM	7.53 BM	7.53 BM
1	7.42-	7.42-	7.42-	7.42-	7.43 BM	7.41 BM	7.45 BM	7.44 BM	7.46 BM	7.46 BM	7.46 BM
2	7.51-	7.51-	7.51-	7.51-	7.49 BM	7.49 BM	7.48 BM	7.51 BM	7.48 BM	7.50 BM	7.50 BM
3	6.91-	6.91-	6.92 BM	6.91 BM	6.99 S	7.01 M	6.96 M	7.06 S	7.05 S	7.13 S	7.13 S
4	6.86 S	6.87 S	6.87 S	6.70 S	6.68 S	6.80 S	6.91 M	6.95 S	7.01 S	6.98 S	6.98 S
5	6.85 S	6.85 S	6.82 S	6.83 S	6.71 S	6.95 S	6.97 M	6.94 S	7.01 S	7.01 S	7.01 S
6	6.78 S	6.79 S	6.77 SG	6.70 S	6.85 S	6.92 S	6.96 M	6.93 S	7.00 S	6.88 S	6.88 S
7	6.75 SG	6.76 CS	6.76 SG	6.80 S	6.76 S	6.75 S	6.97 M	6.98 S	7.04 S	7.06 S	7.06 S
8	6.75 FG	6.76 FG	6.72 SG	6.80 S	6.78 S	6.71 S	6.79 FS	6.95 S	7.00 S	6.91 S	6.91 S
9	6.75 FG	6.76 SG	6.75 FG	6.82 S	6.78 S	6.78 S	6.90 FS	6.95 S	6.94 S	6.91 S	6.91 S
10	6.73 SG	6.72 SG	6.71 FG	6.72 S	6.66 S	6.82 S	6.78 S	6.89 S	6.82 S	6.90 S	6.90 S
11	6.65 SG	6.66 SG	6.62 SG	6.54 S	6.59 S	6.71 S	6.80 S	6.80 S	6.80 S	6.76 S	6.76 S
12	6.56 FG	6.55 SG	6.55 S	6.54 S	6.56 S	6.63 S	6.71 S	6.72 S	6.74 S	6.72 CS	6.72 CS
13	6.49 FG	6.50 SG	6.52 S	6.60 S	6.57 S	6.49 S	6.63 S	6.60 S	6.58 CS	6.63 CS	6.63 CS
14	6.45 FG	6.43 FG	6.43 SG	6.51 S	6.48 S	6.43 FG	6.48 G	6.49 S	6.53 FG	6.51 SG	6.51 SG
15	6.36 G	6.36 G	6.32 SG	6.38 S	6.38 SG	6.33 G	6.30 G	6.36 FG	6.36 G	6.35 G	6.35 G
16	6.28 G	6.27 G	6.28 G	6.34 S	6.22 G	6.26 G	6.26 G	6.27 FG	6.26 G	6.25 G	6.25 G
17	6.22 G	6.24 G	6.24 G	6.21 SG	6.19 G	6.21 G	6.20 G	6.24 G	6.22 G	6.22 G	6.22 G
18	6.19 G	6.21 G	6.21 G	6.19 G	6.19 G	6.20 G	6.18 G	6.18 G	6.19 G	6.16 G	6.16 G
19	6.10 G	6.11 G	6.12 G	6.13 G	6.13 G	6.14 G	6.12 G	6.15 G	6.16 G	6.14 G	6.14 G
20	6.49 BM	6.18 G	6.56 BM	6.44 BM	6.23 G	6.49 G	6.31 G	6.32 G	6.49 G	6.41 G	6.41 G
21	6.84 BM	6.75 G	6.90 G	6.82 CS	6.89 G	6.81 S	6.71 G	6.68 BM	6.69 G	6.65 G	6.65 G
22	7.72+	7.72+	7.72+	7.72+	7.72+	7.72+	7.72 BM	7.13 BM	7.14 BM	7.13 G	7.13 G
23	7.74+	7.74+	7.74+	7.74+	7.74+	7.74+	7.74 BM	7.75 BM	7.75-	7.75-	7.75-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	3.1 6.87	3.1 6.88	2.9 7.00	2.3 7.42	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	
RIGHT EDGE WATER BED ELEVATION	21.1 6.87	21.1 6.88	21.4 7.01	21.7 7.14	21.7 7.11	21.8 7.74	>23.0	>23.0	22.1 7.14	22.1 7.18	

TABLE 38.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1695, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1058	6-18 1119	6-19 948	6-20 1014	6-21 1012	6-23 950	6-25 1540	6-27 1523	6-29 1429	7- 1 1008	7- 3 1026
WATER SURFACE(1)											
LEFT BANK GAGE	7.37	7.57	7.54	7.65	7.62	7.54	7.45	7.40	7.03	7.36	7.27
RIGHT BANK GAGE	7.37	7.60	7.55	7.67	7.64	7.56	7.48	7.41	7.02	7.37	7.28
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.53-	7.53 BM	7.53-	7.56 BM	7.56 BM	7.54 BM	7.54-	7.54-	7.54-	7.54-	7.54-
1	7.46-	7.43 BM	7.44 BM	7.47	7.45 BM	7.44 BM	7.44-	7.44-	7.44-	7.44-	7.44-
2	7.50-	7.50 BM	7.49 BM	7.51 BM	7.51 BM	7.50 BM	7.50-	7.50-	7.50-	7.50-	7.50-
3	6.90 S	6.87 BM	6.91 S	6.88 S	7.04 BM	6.93 S	6.84 S	6.90 BM	6.83 BM	6.86 BM	6.85 FS
4	6.72 S	6.65 S	6.75 S	6.88 S	6.81 S	6.83 S	6.62 S	6.81 S	6.72 FS	6.64 S	6.76 FS
5	6.70 S	6.76 S	6.51 S	6.85 S	6.72 S	6.79 S	6.73 S	6.71 S	6.72 S	6.58 S	6.66 S
6	6.87 S	6.73 S	6.86 S	6.81 S	6.53 S	6.68 S	6.76 S	6.68 S	6.80 S	6.63 S	6.74 S
7	6.84 S	6.84 S	6.86 S	6.79 S	6.70 S	6.74 S	6.84 S	6.68 S	6.75 S	6.61 CS	6.65 S
8	6.80 S	6.65 S	6.82 S	6.78 S	6.66 S	6.83 S	6.85 S	6.78 S	6.74 S	6.69 CS	6.57 S
9	6.73 S	6.71 S	6.91 S	6.85 S	6.84 S	6.78 S	6.76 S	6.83 S	6.73 S	6.70 CS	6.81 S
10	6.75 S	6.66 S	6.92 S	6.81 S	6.88 S	6.76 S	6.75 S	6.72 S	6.74 S	6.66 CS	6.72 S
11	6.66 S	6.67 S	6.84 S	6.66 S	6.78 S	6.73 S	6.76 S	6.70 S	6.71 CS	6.64 FG	6.68 S
12	6.64 S	6.62 CS	6.72 S	6.66 S	6.64 S	6.64 S	6.75 S	6.70 S	6.63 SG	6.61 G	6.67 S
13	6.56 S	6.57 CS	6.58 S	6.48 CS	6.53 S	6.54 FG	6.57 FG	6.60 G	6.55 SG	6.55 G	6.56 SG
14	6.46 G	6.48 FG	6.50 SG	6.48 G	6.48 G	6.45 FG	6.47 G	6.49 FG	6.44 FG	6.46 G	6.45 SG
15	6.35 G	6.38 G	6.34 G	6.36 G	6.35 G	6.34 G	6.36 G	6.38 G	6.35 SG	6.36 G	6.35 SG
16	6.27 G	6.27 G	6.25 G	6.26 G	6.25 G	6.26 G	6.28 G	6.29 G	6.28 G	6.26 G	6.27 G
17	6.22 G	6.21 G	6.21 G	6.23 G	6.23 G	6.22 G	6.25 G	6.23 G	6.24 G	6.25 G	6.25 G
18	6.18 G	6.20 G	6.18 G	6.18 G	6.20 G	6.20 G	6.22 G	6.20 G	6.20 G	6.18 CG	6.21 G
19	6.13 G	6.16 G	6.13 G	6.16 G	6.13 G	6.08 G	6.09 G	6.11 G	6.13 G	6.14 CG	6.15 G
20	6.46 G	6.35 M	6.39 BM	6.26 G	6.22 G	6.29 FG	6.42 S	6.27 G	6.17 BM	6.18 BM	6.33 BM
21	6.63 G	6.90 BM	7.14 BM	6.63 BM	6.62 G	6.64 BM	6.69 G	6.64 G	6.62 BM	6.64 BM	6.64 G
22	7.15 BM	7.18 BM	7.14 BM	7.17 BM	7.14 BM	7.15 BM	7.18 BM	7.16 SG	7.16-	7.15 BM	7.14 BM
23	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.4	< 0.0	0.2	< 0.0	< 0.0	0.0	2.2	2.3	2.7	2.4	2.4
BED ELEVATION	7.37		7.54			7.54	7.45	7.40	7.03	7.36	7.27
RIGHT EDGE WATER	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	21.1	22.2	22.1
BED ELEVATION	7.19	7.18	7.16	7.19	7.16	7.16	7.18	7.21	6.63	7.21	7.19

TABLE 38.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1695, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1409	7- 7 942	7- 9 1436	7-12 1049	7-16 1324	7-20 1332	7-23 1357	7-26 947	7-29 1358	9-15 1035	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	7.09	6.93	6.84	6.72	6.67	6.69	6.69	6.66	6.64	6.59*	
RIGHT BANK GAGE	7.10	6.94	6.85	6.71	6.66	6.68	6.68	6.65	6.63	6.58	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.53
1	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	7.41
2	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.48
3	6.86 FS	6.83 BM	6.84 BM	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.82
4	6.89 S	6.73 FS	6.74 FS	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	5.75
5	6.69 S	6.73 S	6.71 FS	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	5.87
6	6.67 S	6.73 S	6.70 FS	6.69 S	6.67 FS	6.68 FS	6.68-	6.68-	6.68-	6.68-	5.88
7	6.69 S	6.71 S	6.64 S	6.62 S	6.61 S	6.60 S	6.61 S	6.63 S	6.61 SG	6.61-	5.92
8	6.67 CS	6.71 S	6.64 S	6.64 S	6.64 S	6.62 S	6.63 FS	6.63 S	6.62 S	6.62-	5.80
9	6.73 S	6.72 S	6.63 CS	6.61 CS	6.61 SG	6.59 S	6.61 S	6.61 SG	6.61 SG	6.61-	5.84
10	6.71 CS	6.68 S	6.63 CS	6.60 FG	6.60 SG	6.59 CS	6.61 CS	6.62 SG	6.61 SG	6.61-	5.77
11	6.64 CS	6.70 S	6.64 FG	6.64 SG	6.64 SG	6.64 S	6.64 SG	6.64 FG	6.63 SG	6.63-	5.91
12	6.66 S	6.63 CS	6.62 FG	6.62 SG	6.65 SG	6.64 CS	6.62 SG	6.63 FG	6.62 FG	6.62-	5.83
13	6.55 CS	6.54 SG	6.54 FG	6.56 SG	6.56 SG	6.57 SG	6.55 G	6.55 G	6.55 SG	6.55 SG	5.68
14	6.43 G	6.43 SG	6.44 SG	6.45 SG	6.45 SG	6.43 SG	6.46 SG	6.45 SG	6.43 SG	6.44 SG	6.21
15	6.35 S	6.34 G	6.35 FG	6.36 G	6.37 FG	6.36 SG	6.36 G	6.35 SG	6.35 SG	6.36 SG	6.04
16	6.28 G	6.30 G	6.28 G	6.29 G	6.28 FG	6.28 G	6.31 G	6.30 FG	6.30 G	6.28 FG	6.14
17	6.24 G	6.24 G	6.24 G	6.25 G	6.24 G	6.26 G	6.25 CG	6.24 CG	6.25 G	6.26 G	6.04
18	6.18 G	6.21 G	6.19 G	6.20 G	6.19 G	6.19 G	6.21 CG	6.21 CG	6.21 CG	6.20 G	5.99
19	6.14 G	6.14 G	6.13 G	6.13 G	6.14 G	6.15 G	6.16 CG	6.15 CG	6.14 CG	6.14 G	5.95
20	6.38 G	6.33 BM	6.35 BM	6.43 BM	6.24 G	6.47 BM	6.42 M	6.46 M	6.43 M	6.28 BM	5.71
21	6.63 BM	6.67 G	6.65 G	6.64 SG	6.64 G	6.68 BM	6.65 G	6.63 G	6.63 G	6.63-	6.62
22	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.13
23	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.74
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.6	2.9	3.0	5.4	6.0	6.0	6.2	6.3	6.7	12.8	
BED ELEVATION	7.09	6.93	6.84	6.72	6.67	6.68	6.68	6.66	6.64	6.58	
RIGHT EDGE WATER	21.3	21.3	21.2	21.2	21.1	21.0	21.2	21.2	21.0	20.6	
BED ELEVATION	6.68	6.71	6.69	6.68	6.66	6.68	6.67	6.65	6.63	6.58	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 39.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1730, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1030	5-14 1132	5-16 941	5-19 1011	5-21 1014	5-22 1422	5-24 1155	5-27 1016	5-28 1024	5-30 959	6- 1 1016
WATER SURFACE(1)											
LEFT BANK GAGE	7.00	6.95	6.85	6.92	7.20	7.51	7.74	7.09	7.04	6.90	6.88
RIGHT BANK GAGE	7.00	6.96	6.85*	6.92	7.21	7.53	7.74	7.10	7.04	6.90	6.86
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.53+	7.53+	7.53+	7.53+	7.53+	7.53+	7.53 BM	7.53-	7.53-	7.53-	7.53-
1	7.57+	7.57+	7.57+	7.57+	7.57+	7.57+	7.57 BM	7.57-	7.57-	7.57-	7.57-
2	7.18+	7.18+	7.18+	7.18+	7.18 BM	7.22 BM	7.23 BM	7.23-	7.23-	7.23-	7.23-
3	7.18+	7.18+	7.18+	7.18+	7.18 BM	7.19 S	7.21 BM	7.21-	7.21-	7.21-	7.21-
4	7.00 S	7.00-	7.00-	7.00-	7.02 M	7.04 S	7.15 BM	7.09 BM	7.09-	7.09-	7.09-
5	6.70 S	6.70 FS	6.70 FS	6.70 FS	6.71 FS	6.85 S	6.98 FS	6.77 S	6.75 S	6.74 FS	6.72 S
6	6.62 S	6.62 S	6.61 FS	6.62 FS	6.48 S	6.97 S	6.91 FS	6.68 S	6.68 S	6.67 FS	6.66 S
7	6.52 S	6.55 S	6.55 FS	6.53 FS	6.67 S	6.88 S	6.84 S	6.66 S	6.66 S	6.63 S	6.59 S
8	6.41 S	6.50 S	6.46 FS	6.45 S	6.51 S	6.84 S	6.84 S	6.62 S	6.61 CS	6.57 SG	6.56 S
9	6.42 S	6.40 S	6.45 FS	6.45 S	6.45 S	6.66 S	6.74 S	6.59 S	6.50 CS	6.52 S	6.50 S
10	6.38 S	6.41 SG	6.41 FS	6.42 S	6.36 S	6.51 S	6.62 S	6.50 S	6.47 CS	6.49 S	6.47 S
11	6.40 S	6.42 S	6.40 FS	6.40 S	6.47 S	6.35 S	6.34 SG	6.44 FG	6.43 CS	6.44 S	6.44 S
12	6.38 S	6.42 S	6.35 FS	6.36 S	6.46 S	6.24 FG	6.21 CS	6.37 FG	6.33 FG	6.37 S	6.36 S
13	6.31 SG	6.36 SG	6.33 FS	6.35 FS	6.44 S	6.14 FG	6.21 G	6.20 G	6.16 FG	6.20 FG	6.17 S
14	6.20 SG	6.22 SG	6.24 SG	6.22 S	6.40 S	6.07 G	6.06 G	6.07 G	6.07 G	6.05 G	6.07 SG
15	6.07 G	6.08 G	6.05 G	6.07 FG	6.30 S	6.04 G	6.06 G	6.04 CG	6.11 G	6.09 G	6.04 G
16	6.23 G	6.17 G	6.15 CG	6.17 CG	6.13 G	6.09 G	6.12 G	6.18 CG	6.27 G	6.27 CG	6.27 G
17	6.40 G	6.37 G	6.35 CG	6.24 CG	6.30 G	6.24 G	6.32 G	6.38 CG	6.40 G	6.42 CG	6.38 G
18	6.49 G	6.47 G	6.45 CG	6.45 CG	6.41 G	6.38 G	6.45 G	6.44 CG	6.41 G	6.42 CG	6.38 G
19	6.57 G	6.86 BM	6.85 BM	6.87 BM	6.87 BM	6.91 BM	6.91 BM	6.82 BM	6.82 BM	6.39 CG	6.37 G
20	7.28+	7.28+	7.28+	7.28+	7.28+	7.28 BM	7.26 BM	7.26-	7.26-	7.26-	7.26-
21	7.69+	7.69+	7.69+	7.69+	7.69+	7.69+	7.69 BM	7.69-	7.69-	7.69-	7.69-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	4.0	4.1	4.3	4.1	1.9	1.5	< 0.0	4.0	4.1	4.5	4.6
BED ELEVATION	7.00	6.95	6.85	6.92	7.20	7.44		7.09	7.04	6.90	6.87
RIGHT EDGE WATER	19.5	19.2	19.0	19.2	19.8	20.2	>21.0	19.5	19.4	19.2	19.2
BED ELEVATION	7.00	6.96	6.85	6.92	7.21	7.35		7.10	7.04	6.90	6.86

TABLE 39.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1730, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 944	6- 5 737	6- 7 940	6- 9 1032	6-10 1035	6-11 1107	6-12 1113	6-13 1034	6-14 904	6-15 1105	6-16 1344
WATER SURFACE(1)											
LEFT BANK GAGE	6.89	6.90	7.01	7.43	7.60	7.72	7.83	7.78	7.72	7.64	7.29
RIGHT BANK GAGE	6.89	6.90	7.02	7.44	7.62	7.75	7.83	7.79	7.73	7.66	7.31
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.53-	7.53-	7.53-	7.53-	7.54 BM	7.52 BM	7.54 BM	7.54 BM	7.52 BM	7.52 BM	7.52 BM
1	7.57-	7.57-	7.57-	7.57-	7.56 BM	7.56 BM	7.56 BM	7.56 BM	7.56 BM	7.56 BM	7.56 BM
2	7.23-	7.23-	7.23-	7.28 G	7.22 S	7.21 BM	7.20 BM	7.26 BM	7.22 BM	7.21 BM	7.21 BM
3	7.21-	7.21-	7.21-	7.28 FS	7.27 S	7.29 BM	7.29 BM	7.28 M	7.36 S	7.39 FS	7.39 FS
4	7.09-	7.09-	7.09-	7.03 FS	7.00 S	7.04 M	7.08 BM	7.19 S	7.24 S	7.16 FS	7.16 FS
5	6.73 FS	6.75 FS	6.73 FS	6.76 S	6.89 S	6.97 M	6.99 FS	6.76 S	6.68 S	6.99 FS	6.99 FS
6	6.64 S	6.63 S	6.73 FS	6.68 S	6.67 S	6.92 S	6.93 FS	6.99 S	6.86 S	6.80 FS	6.80 FS
7	6.59 S	6.59 S	6.71 FS	6.66 S	6.75 S	6.84 S	6.81 S	6.89 S	6.91 S	6.79 S	6.79 S
8	6.55 S	6.54 S	6.56 S	6.48 S	6.71 S	6.77 S	6.71 S	6.80 S	6.79 S	6.64 S	6.64 S
9	6.50 SG	6.50 SG	6.52 S	6.40 S	6.69 S	6.68 S	6.63 S	6.65 S	6.69 S	6.58 S	6.58 S
10	6.47 SG	6.47 SG	6.50 CS	6.42 S	6.61 S	6.60 S	6.46 S	6.58 S	6.57 S	6.47 CS	6.47 CS
11	6.41 SG	6.42 SG	6.41 S	6.41 S	6.40 S	6.50 S	6.45 S	6.44 S	6.31 S	6.38 CS	6.38 CS
12	6.35 SG	6.35 SG	6.35 S	6.39 S	6.15 S	6.41 S	6.36 S	6.28 S	6.23 FS	6.27 CS	6.27 CS
13	6.17 SG	6.20 S	6.27 S	6.30 S	6.20 SG	6.14 S	6.17 S	6.09 S	6.13 G	6.12 CS	6.12 CS
14	6.09 G	6.10 S	6.08 S	6.23 S	6.10 G	6.04 G	6.04 G	6.06 G	6.02 G	6.04 G	6.04 G
15	6.11 G	6.11 G	6.03 G	6.03 G	6.06 G	6.04 G	6.05 G	6.05 G	6.02 G	6.03 G	6.03 G
16	6.28 CG	6.26 CG	6.20 CG	6.12 CG	6.09 CG	6.03 CG	6.13 CG	6.07 CG	6.11 SG	6.13 CG	6.13 CG
17	6.39 CG	6.41 CG	6.36 CG	6.29 CG	6.25 CG	6.32 CG	6.35 CG	6.28 CG	6.25 CG	6.35 CG	6.35 CG
18	6.39 CG	6.40 CG	6.41 CG	6.44 CG	6.44 CG	6.39 CG	6.36 CG	6.37 CG	6.34 CG	6.36 CG	6.36 CG
19	6.41 CG	6.38 CG	6.80 BM	6.81 BM	6.91 BM	6.88 BM	6.42 G	6.60 BM	6.77 S	6.74 BM	6.74 BM
20	7.26-	7.26-	7.26-	7.26 BM	7.28 BM	7.27 BM	7.25 BM	7.26 BM	7.23 BM	7.27 BM	7.27 BM
21	7.69-	7.69-	7.69-	7.69-	7.69-	7.72 BM	7.68 BM	7.71 BM	7.63 BM	7.63-	7.63-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER BED ELEVATION	4.5	4.5	4.2	1.6	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0
RIGHT EDGE WATER BED ELEVATION	19.2	19.2	19.3	20.1	20.2	>21.0	>21.0	>21.0	>21.0	20.2	20.2
	6.89	6.90	7.01	7.43	7.31					7.31	7.31

TABLE 39.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1730, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1045	6-18 1110	6-19 932	6-20 958	6-21 955	6-23 934	6-25 1545	6-27 1543	6-29 1438	7- 1 1000	7- 3 1018
WATER SURFACE(1)											
LEFT BANK GAGE	7.38	7.58	7.55	7.65	7.63	7.55	7.46	7.40	7.04	7.36	7.28
RIGHT BANK GAGE	7.40	7.61	7.57	7.68	7.66	7.59	7.48	7.42	7.04	7.38	7.30
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.52-	7.54 BM	7.54-	7.52 BM	7.51 BM	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-
1	7.56-	7.56 BM	7.56-	7.55 BM	7.55 BM	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-
2	7.21-	7.21 BM	7.22 BM	7.22 BM	7.22 BM	7.22 BM	7.22 BM	7.20 BM	7.20-	7.21 BM	7.21-
3	7.39-	7.38 FS	7.38 FS	7.39 S	7.38 S	7.39 SG	7.39 S	7.40 BM	7.40-	7.40-	7.40-
4	7.24 S	7.18 FS	7.18 FS	7.25 S	7.22 S	7.24 FS	7.16 S	7.12 BM	7.12-	7.00 S	7.10 FS
5	6.81 S	6.70 S	6.82 S	6.76 FS	6.88 S	6.85 S	6.98 S	6.80 S	6.64 S	6.64 S	6.60 S
6	6.74 S	6.72 S	6.65 S	6.68 S	6.76 S	6.88 S	6.64 S	6.73 S	6.61 S	6.58 S	6.71 S
7	6.65 S	6.53 S	6.50 SG	6.63 S	6.72 S	6.59 S	6.66 S	6.51 S	6.52 S	6.49 S	6.53 S
8	6.52 FG	6.58 S	6.54 S	6.43 S	6.52 S	6.46 S	6.62 S	6.43 S	6.44 S	6.48 S	6.58 S
9	6.42 FG	6.53 S	6.55 S	6.54 S	6.40 G	6.44 S	6.51 S	6.61 S	6.48 S	6.40 S	6.41 S
10	6.42 S	6.47 S	6.46 S	6.46 S	6.30 G	6.36 S	6.37 S	6.51 S	6.41 S	6.37 S	6.41 S
11	6.38 FG	6.39 S	6.38 S	6.36 S	6.24 G	6.32 S	6.33 S	6.37 S	6.39 S	6.46 S	6.35 CS
12	6.31 G	6.30 G	6.27 G	6.27 G	6.16 G	6.24 CS	6.25 S	6.33 CS	6.32 CS	6.34 S	6.48 S
13	6.17 G	6.17 G	6.15 G	6.16 G	6.15 G	6.12 G	6.12 G	6.22 CS	6.21 SG	6.19 FG	6.32 S
14	6.07 G	6.07 G	6.04 G	6.05 G	6.04 G	6.05 G	6.04 G	6.04 G	6.06 G	6.07 G	6.17 SG
15	6.05 G	6.03 G	6.04 G	6.05 G	6.03 G	6.07 G	6.05 G	6.04 G	6.06 G	6.08 CG	6.06 CG
16	6.12 G	6.09 G	6.09 G	6.14 G	6.12 G	6.11 G	6.17 G	6.04 G	6.23 G	6.26 CG	6.23 CG
17	6.31 G	6.27 G	6.28 G	6.27 G	6.28 G	6.30 G	6.32 G	6.32 G	6.35 G	6.37 CG	6.38 CG
18	6.32 G	6.36 G	6.28 G	6.33 G	6.35 SG	6.35 G	6.34 G	6.32 G	6.30	6.28 CG	6.29 CG
19	6.38 G	6.82 BM	6.64 BM	6.42 G	6.38 G	6.66 BM	6.77 BM	6.42 G	6.63 BM	6.28 G	6.31 BM
20	7.28 BM	7.26 BM	7.26 BM	7.28 BM	7.24 BM	7.29 BM	7.28 BM	7.29 BM	7.29-	7.28 BM	7.27 BM
21	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.3	< 0.0	1.1	< 0.0	< 0.0	1.2	1.4	1.5	4.3	1.5	3.8
BED ELEVATION	7.38		7.55			7.54	7.46	7.30	7.04	7.26	7.28
RIGHT EDGE WATER	20.1	20.2	20.2	20.4	20.2	20.2	20.1	20.1	19.6	20.1	20.1
BED ELEVATION	7.28	7.31	7.28	7.68	7.66	7.59	7.28	7.32	7.04	7.29	7.30

TABLE 39.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1730, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1412	7- 7 937	7- 9 1441	7-12 1045	7-16 1317	7-20 1328	7-23 1355	7-26 942	7-29 1353	9-15 1020	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	7.10	6.94	6.86	6.73	6.68	6.70	6.69	6.66*	6.65	6.59	
RIGHT BANK GAGE	7.11	6.95	6.86	6.73	6.68	6.69	6.69	6.66	6.64	6.59	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51
1	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55
2	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.18
3	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.18
4	7.07 FS	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.00
5	6.70 S	6.56 FS	6.65 FS	6.66 FS	6.68 FS	6.67 FS	6.67 S	6.65 S	6.64 S	6.64-	5.72
6	6.54 S	6.55 FS	6.55 FS	6.61 S	6.56 FS	6.54 S	6.54 S	6.45 S	6.54 FS	6.54 S	5.80
7	6.56 S	6.52 FS	6.49 FS	6.48 S	6.48 FS	6.48 S	6.48 S	6.46 S	6.46 FS	6.48 S	5.63
8	6.53 CS	6.45 S	6.41 S	6.42 S	6.41 FS	6.40 S	6.41 S	6.42 S	6.42 FS	6.40 S	5.89
9	6.38 CS	6.40 S	6.43 S	6.41 S	6.39 FS	6.39 S	6.38 S	6.38 S	6.38 S	6.36 S	5.83
10	6.35 CS	6.41 S	6.43 S	6.40 S	6.38 FS	6.39 S	6.39 S	6.39 S	6.40 S	6.39 S	5.80
11	6.46 S	6.40 S	6.41 CS	6.40 S	6.39 FS	6.39 S	6.41 S	6.42 S	6.41 CS	6.39 S	5.80
12	6.40 S	6.36 FG	6.36 CS	6.37 S	6.38 CS	6.38 S	6.38 S	6.38 S	6.27 CS	6.36 CS	6.05
13	6.29 CS	6.29 FG	6.30 SG	6.30 SG	6.30 FG	6.29 CS	6.28 FS	6.30 SG	6.31 SG	6.28 CS	6.09
14	6.11 FG	6.11 G	6.13 G	6.12 G	6.14 SG	6.12 FG	6.11 SG	6.13 SG	6.13 G	6.13 G	6.02
15	6.09 G	6.15 G	6.14 G	6.12 G	6.16 G	6.12 G	6.16 CG	6.15 CG	6.14 CG	6.18 G	5.99
16	6.22 CG	6.32 G	6.30 CG	6.30 CG	6.31 G	6.30 G	6.29 CG	6.30 CG	6.32 CG	6.31 G	6.04
17	6.36 CG	6.37 G	6.38 CG	6.38 CG	6.38 G	6.37 G	6.38 CG	6.38 CG	6.38 CG	6.38 G	6.13
18	6.28 CG	6.28 G	6.29 CG	6.28 CG	6.27 G	6.27 G	6.29 CG	6.30 CG	6.28 CG	6.27 G	6.27
19	6.58 BM	6.63 BM	6.56 BM	6.60 BM	6.61 BM	6.49 BM	6.59 BM	6.63 BM	6.60 BM	6.57 BM	6.28
20	7.27-	7.27-	7.27-	7.27-	7.27-	7.27-	7.27-	7.27-	7.27-	7.27-	7.23
21	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	3.9	4.2	4.4	4.7	5.0	4.9	4.8	4.9	5.0	5.4	
BED ELEVATION	7.10	6.94	6.86	6.73	6.68	6.69	6.69	6.66	6.64	6.59	
RIGHT EDGE WATER	19.6	19.5	19.4	19.2	19.1	19.1	19.2	19.1	19.1	19.1	
BED ELEVATION	7.11	6.95	6.86	6.73	6.68	6.69	6.69	6.66	6.64	6.59	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 40.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1766, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1018	5-14 1110	5-16 937	5-19 1005	5-21 1000	5-22 1405	5-24 1139	5-27 1004	5-28 1007	5-30 948	6-1 1005
WATER SURFACE(1)											
LEFT BANK GAGE	7.00	6.97	6.86*	6.93	7.26	7.56	7.79*	7.11*	7.05	6.91	6.89
RIGHT BANK GAGE	7.02	6.98	6.86	6.94	7.26	7.59	7.80	7.12	7.07	6.92	6.90
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.53+	7.53+	7.53+	7.53+	7.53+	7.53+	7.53 BM	7.53-	7.53-	7.53-	7.53-
1	7.55+	7.55+	7.55+	7.55+	7.55+	7.55 M	7.57 BM	7.57-	7.57-	7.57-	7.57-
2	7.49+	7.49+	7.49+	7.49+	7.49+	7.49 M	7.52 BM	7.52-	7.52-	7.52-	7.52-
3	7.49+	7.49+	7.49+	7.49+	7.49+	7.49 M	7.54 BM	7.54-	7.54-	7.54-	7.54-
4	7.36+	7.36+	7.36+	7.36+	7.36+	7.36 S	7.41 SG	7.41-	7.41-	7.41-	7.41-
5	7.34+	7.34+	7.34+	7.34+	7.34+	7.34 FG	7.37 SG	7.37-	7.37-	7.37-	7.37-
6	7.26+	7.26+	7.26+	7.26+	7.26 BM	7.26 FG	7.30 SG	7.30-	7.30-	7.30-	7.30-
7	7.13+	7.13+	7.13+	7.13+	7.13 SG	7.11 FG	7.25 SG	7.25-	7.25-	7.25-	7.25-
8	6.99 SG	6.99-	6.99-	6.99-	7.03 SG	7.01 FG	7.17 SG	7.09 G	7.09-	7.09-	7.09-
9	6.90 SG	6.91 SG	6.91-	6.91 SG	6.94 SG	6.90 FG	7.01 SG	6.99 G	6.95 G	6.95-	6.95-
10	6.81 SG	6.86 SG	6.86 SG	6.82 SG	6.86 SG	6.80 S	6.92 CS	6.88 G	6.87 G	6.85 FG	6.85 M
11	6.68 S	6.79 CS	6.69 FS	6.71 SG	6.67 CS	6.68 S	6.86 CS	6.73 FG	6.75 S	6.74 S	6.72 M
12	6.59 S	6.61 S	6.61 FS	6.62 S	6.61 CS	6.66 S	6.61 S	6.63 S	6.66 S	6.67 S	6.64 FS
13	6.50 CS	6.57 S	6.56 S	6.56 CS	6.51 S	6.56 S	6.50 S	6.55 S	6.61 S	6.60 S	6.57 S
14	6.43 CS	6.48 S	6.51 S	6.55 S	6.56 S	6.35 S	6.33 S	6.44 CS	6.51 S	6.52 S	6.49 S
15	6.33 CS	6.42 S	6.50 S	6.55 S	6.45 S	6.31 S	6.13 S	6.22 CS	6.27 S	6.30 S	6.41 S
16	6.21 CS	6.36 S	6.44 S	6.45 S	6.34 S	6.15 S	6.09 CS	6.07 CS	6.06 S	6.20 S	6.25 S
17	6.20 SG	6.13 S	6.38 S	6.35 S	6.23 S	6.09 S	6.01 S	6.00 CS	5.99 S	6.14 S	6.11 S
18	6.08 SG	6.13 S	6.26 S	6.37 S	6.19 S	6.06 S	5.83 S	5.85 S	5.86 S	5.94 S	5.85 S
19	5.86 SG	5.91 S	6.20 S	6.29 S	6.20 S	5.91 S	5.74 S	5.64 FG	5.73 S	5.76 S	5.71 CS
20	5.72 G	5.71 S	6.00 S	6.28 S	6.16 S	5.83 S	5.63 G	5.62 G	5.65 S	5.61 G	5.60 FG
21	5.69 G	5.78 S	5.73 S	6.08 S	6.04 S	5.78 S	5.65 FS	5.64 FG	5.64 S	5.63 S	5.61 G
22	6.16 SG	6.19 S	6.18 FS	6.18 S	5.84 S	5.77 S	5.67 FS	5.62 M	5.72 S	5.82 S	5.70 S
23	6.37 SG	6.46 M	6.41 BM	6.40 BM	6.36 M	6.36 S	6.17 CS	6.26 M	6.26 BM	5.96 BM	6.05 BM
24	6.78 BM	6.89 BM	6.86 BM	6.86 BM	6.82 BM	6.82 M	6.73 BM	6.74 BM	6.78 BM	6.78 BM	6.65 BM
25	7.26+	7.26+	7.26+	7.26+	7.26 BM	7.25 BM	7.28 BM	7.28-	7.28-	7.28-	7.28-
26	7.69+	7.69+	7.69+	7.69+	7.69+	7.69+	7.69 BM	7.69-	7.69-	7.69-	7.69-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	7.8	8.3	10.0	8.8	6.0	1.0	< 0.0	7.8	8.1	9.5	9.5
BED ELEVATION	7.00	6.97	6.86	6.93	7.26	7.55		7.11	7.05	6.91	6.89
RIGHT EDGE WATER	24.8	24.8	24.0	24.5	25.0	25.4	>26.0	24.8	24.9	24.6	24.6
BED ELEVATION	7.02	6.98	6.86	6.94	7.26	7.59		7.12	7.07	6.92	6.90

TABLE 40.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1766, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-3 931	6-5 732	6-7 931	6-9 1030	6-10 1022	6-11 1046	6-12 1045	6-13 1016	6-14 915	6-15 1050	6-16 1341
WATER SURFACE(1)											
LEFT BANK GAGE	6.90	6.91	7.03	7.47	7.65	7.77	7.86	7.81	7.76	7.69	7.33
RIGHT BANK GAGE	6.92	6.92	7.05	7.50	7.68	7.80	7.87*	7.82*	7.77*	7.70*	7.35*
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.53-	7.53-	7.53-	7.53-	7.53 BM	7.53 BM	7.55 BM	7.53 BM	7.54 BM	7.53 BM	7.53 BM
1	7.57-	7.57-	7.57-	7.57-	7.58 BM	7.59 BM	7.61 BM	7.59 BM	7.59 BM	7.59 BM	7.59 BM
2	7.52-	7.52-	7.52-	7.52-	7.51 BM	7.52 BM	7.55 BM	7.52 BM	7.54 S	7.51 BM	7.51 BM
3	7.54-	7.54-	7.54-	7.54-	7.51 BM	7.52 FS	7.53 BM	7.51 BM	7.52 FS	7.50 BM	7.50 BM
4	7.41-	7.41-	7.41-	7.38 CS	7.43 CS	7.43 S	7.44 S	7.46 FG	7.45 SG	7.47 FG	7.47 FG
5	7.37-	7.37-	7.37-	7.37 CS	7.35 CS	7.36 FG	7.42 S	7.40 FG	7.39 SG	7.39 FG	7.39 FG
6	7.30-	7.30-	7.30-	7.30 FG	7.30 CS	7.31 FG	7.35 FG	7.33 FG	7.35 FG	7.35 FG	7.35 FG
7	7.25-	7.25-	7.25-	7.20 FG	7.20 CS	7.23 FG	7.28 FG	7.28 FG	7.27 FG	7.29 G	7.29 G
8	7.09-	7.09-	7.09-	7.09 FG	7.09 CS	7.12 FG	7.22 S	7.22 FG	7.14 FG	7.15 G	7.15 G
9	6.95-	6.95-	6.98 G	6.97 FG	6.97 S	7.05 S	7.12 S	7.03 G	6.98 FG	6.98 G	6.98 G
10	6.86 FG	6.87 G	6.86 SG	6.80 FG	6.86 S	6.92 S	6.95 S	7.00 G	6.94 CS	6.92 FG	6.92 FG
11	6.72 SG	6.72 SG	6.71 SG	6.69 S	6.78 S	6.76 S	6.80 S	6.85 S	6.91 S	6.87 S	6.87 S
12	6.64 FS	6.63 SG	6.62 S	6.61 S	6.61 S	6.66 S	6.72 S	6.70 S	6.74 S	6.73 S	6.73 S
13	6.58 FS	6.53 S	6.57 S	6.38 S	6.46 S	6.48 S	6.44 S	6.53 S	6.60 S	6.59 S	6.59 S
14	6.49 S	6.51 S	6.51 S	6.24 S	6.41 S	6.38 S	6.34 S	6.27 S	6.40 S	6.39 S	6.39 S
15	6.46 S	6.50 S	6.43 S	6.27 S	6.30 S	6.27 S	6.16 S	6.12 S	6.16 S	6.27 S	6.27 S
16	6.42 S	6.44 S	6.42 S	6.21 S	6.15 S	6.14 S	6.03 S	5.99 S	6.00 S	6.11 S	6.11 S
17	6.42 S	6.43 S	6.30 S	6.01 S	5.95 SG	5.95 S	5.95 S	5.89 S	5.91 S	5.94 S	5.94 S
18	6.39 S	6.32 S	6.26 S	5.98 S	5.87 SG	5.79 S	5.91 S	5.80 S	5.79 SG	5.80 S	5.80 S
19	6.37 S	6.35 S	6.08 S	5.91 S	5.75 SG	5.75 FG	5.70 S	5.66 CS	5.67 FG	5.67 S	5.67 S
20	6.21 S	6.14 S	6.00 S	5.76 S	5.63 G	5.62 FG	5.61 G	5.62 CS	5.60 G	5.60 S	5.60 S
21	5.87 S	5.92 S	5.94 S	5.72 S	5.57 G	5.66 S	5.52 G	5.51 CS	5.55 G	5.54 S	5.54 S
22	5.58 G	5.59 S	5.70 SG	5.70 S	5.68 S	5.68 FS	5.66 S	5.61 CS	5.56 S	5.59 S	5.59 S
23	6.02 G	6.11 BM	6.15 BM	6.00 G	5.93 G	5.92 BM	5.76 S	5.74 CS	5.70 S	5.61 S	5.61 S
24	6.74 BM	6.72 BM	6.73 BM	6.73 BM	6.78 BM	6.74 M	6.50 FS	6.38 BM	6.27 BM	5.82 S	5.82 S
25	7.28-	7.28-	7.28-	7.37 BM	7.18 BM	7.33 BM	7.24 BM	7.21 BM	7.07 BM	7.12 BM	7.12 BM
26	7.69-	7.69-	7.69-	7.69-	7.69-	7.70 BM	7.69 BM	7.68 BM	7.67 BM	7.67 BM	7.67 BM
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	9.4	9.4	8.2	3.5	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0
BED ELEVATION	6.91	6.91	7.03	7.47							
RIGHT EDGE WATER	24.8	24.7	24.8	25.2	25.4	>26.0	>26.0	>26.0	>26.0	>26.0	>26.0
BED ELEVATION	6.92	6.92	7.05	7.42	7.63						

TABLE 40.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1766, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1030	6-18 1050	6-19 910	6-20 943	6-21 938	6-23 917	6-25 1605	6-27 1535	6-29 1442	7- 1 950	7- 3 1010
WATER SURFACE(1)											
LEFT BANK GAGE	7.41	7.63	7.61	7.69	7.68	7.59	7.48	7.44	7.05	7.38	7.30
RIGHT BANK GAGE	7.42*	7.64*	7.61*	7.71*	7.69*	7.59*	7.49*	7.44*	7.06*	7.39*	7.31*
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.53-	7.52 BM	7.53 BM	7.54 BM	7.53 BM	7.53 BM	7.53-	7.53-	7.53-	7.53-	7.53-
1	7.59-	7.58 BM	7.59 BM	7.59 BM	7.57 BM	7.58 BM	7.58-	7.58-	7.58-	7.58-	7.58-
2	7.51-	7.51 BM	7.53 M	7.54 BM	7.53 BM	7.52 BM	7.52-	7.52-	7.52-	7.52-	7.52-
3	7.50-	7.51 M	7.52 M	7.51 BM	7.50 BM	7.51 BM	7.51-	7.51-	7.51-	7.51-	7.51-
4	7.47-	7.44 FG	7.46 FG	7.46 SG	7.46 FS	7.45 SG	7.43 FG	7.43 SG	7.43-	7.43-	7.43-
5	7.39 FG	7.40 FG	7.41 FG	7.39 SG	7.40 FG	7.40 SG	7.38 FG	7.39 FG	7.39-	7.38 FG	7.38-
6	7.34 FG	7.34 FG	7.36 FG	7.35 SG	7.33 FG	7.34 SG	7.34 FG	7.34 FG	7.34-	7.35 FG	7.35-
7	7.27 FG	7.28 FG	7.27 FG	7.27 G	7.27 FG	7.29 SG	7.27 FG	7.28 G	7.28-	7.25 G	7.23 G
8	7.10 FG	7.15 FG	7.15 FG	7.14 G	7.10 FG	7.09 SG	7.08 FG	7.12 G	7.05 G	7.06 G	7.07 G
9	6.98 FG	6.97 G	6.99 FG	6.97 G	6.99 G	6.97 G	6.93 G	6.94 G	6.90 G	6.89 G	6.89 SG
10	6.91 FG	6.86 FG	6.93 SG	6.91 G	6.96 S	6.86 SG	6.86 FG	6.84 G	6.84 G	6.84 G	6.82 SG
11	6.74 SG	6.73 S	6.87 S	6.70 SG	6.87 CS	6.78 S	6.83 FG	6.77 S	6.76 SG	6.71 SG	6.62 S
12	6.62 S	6.55 S	6.69 S	6.59 S	6.59 S	6.61 S	6.64 FG	6.74 S	6.73 SG	6.70 CS	6.61 S
13	6.47 S	6.45 S	6.60 S	6.47 S	6.48 S	6.55 S	6.62 S	6.64 S	6.67 S	6.65 CS	6.48 S
14	6.31 S	6.34 S	6.38 S	6.30 S	6.36 S	6.38 FG	6.53 S	6.36 S	6.63 S	6.44 S	6.40 S
15	6.02 S	6.21 S	6.20 S	6.19 S	6.01 S	6.17 S	6.28 S	6.24 S	6.45 S	6.43 S	6.32 S
16	6.00 S	6.00 S	5.99 S	5.96 S	5.89 S	5.91 S	6.08 S	6.02 S	6.17 S	6.18 S	6.10 S
17	5.90 G	5.90 CS	5.95 S	5.98 S	5.86 S	5.89 S	5.88 S	5.92 S	5.98 S	6.01 S	6.01 S
18	5.78 G	5.78 CS	5.80 G	5.80 G	5.78 G	5.78 G	5.74 G	5.79 S	5.83 S	5.97 S	5.94 S
19	5.64 G	5.65 CS	5.67 G	5.66 G	5.67 G	5.68 G	5.68 G	5.67 G	5.65 G	5.64 G	5.80 S
20	5.59 G	5.59 G	5.59 G	5.60 G	5.58 G	5.59 G	5.57 G	5.62 G	5.58 G	5.57 G	5.57 S
21	5.70 S	5.52 G	5.60 G	5.61 S	5.53 G	5.58 S	5.56 G	5.55 G	5.55 CG	5.49 G	5.52 SG
22	5.60 S	5.56 G	5.61 S	5.55 S	5.50 S	5.56 S	5.72 S	5.60 G	5.49 FG	5.47 G	5.50 SG
23	5.84 S	5.76 G	5.80 S	5.71 S	5.69 S	5.68 S	5.78 S	5.83 BM	5.82 BM	5.69 BM	5.55 G
24	5.90 SG	5.83 M	5.88 S	5.86 S	5.84 S	5.88 S	5.86 S	5.86 BM	5.77 BM	5.93 BM	5.90 BM
25	7.13 BM	7.16 BM	7.11 BM	7.11 BM	7.10 BM	7.06 BM	7.07 BM	7.08 BM	7.06 BM	7.08 BM	7.05 BM
26	7.67-	7.67-	7.67-	7.66 BM	7.62 BM	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	4.7	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	3.6	3.7	8.0	5.0	6.1
BED ELEVATION	7.41						7.48	7.44	7.05	7.38	7.30
RIGHT EDGE WATER	25.2	25.7	25.4	>26.0	>26.0	25.4	25.3	25.2	25.0	25.2	25.1
BED ELEVATION	7.38	7.64	7.61			7.58	7.34	7.36	7.06	7.37	7.31

TABLE 40.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1766, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1420	7- 7 932	7- 9 1450	7-12 1037	7-16 1313	7-20 1323	7-23 1346	7-26 936	7-29 1348	9-15 1000	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	7.12	6.95	6.86	6.74	6.68	6.70	6.69	6.67	6.65	6.60	
RIGHT BANK GAGE	7.13*	6.96*	6.87*	6.74*	6.68*	6.70*	6.69*	6.67*	6.65*	6.60*	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.52
1	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.55
2	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.49
3	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.49
4	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	5.53
5	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	5.45
6	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-	7.35-	6.51
7	7.23-	7.23-	7.23-	7.23-	7.23-	7.23-	7.23-	7.23-	7.23-	7.23-	6.46
8	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	6.39
9	6.90 SG	6.92 G	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.32
10	6.74 SG	6.85 G	6.84 G	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	2.29
11	6.74	6.74 SG	6.73	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	5.36
12	6.69	6.70	6.70	6.70 FS	6.70-	6.70-	6.69	6.69	6.69	6.69	5.31
13	6.61	6.63 FS	6.62 FS	6.61 FS	6.59 S	6.60	6.55	6.55	6.53 SG	6.56	5.37
14	6.51	6.57 FS	6.56	6.53 FS	6.48 S	6.49 CS	6.47	6.46 S	6.46 SG	6.48 S	5.35
15	6.27 S	6.43 S	6.42 S	6.52 FS	6.48 S	6.47 S	6.42 S	6.44 S	6.44 SG	6.42 S	5.37
16	6.20	6.34	6.32	6.52	6.42	6.41	6.39	6.38	6.39	6.39	5.36
17	6.06	6.12	6.15	6.50	6.43	6.47	6.37	6.38	6.41	6.39	5.46
18	5.75 FS	5.85	5.96	6.42	6.39	6.40	6.38	6.43	6.43	6.40	5.47
19	5.65	5.80	5.75	6.20	6.39	6.42	6.37	6.36 FS	6.37	6.38	5.42
20	5.58 G	5.56 G	5.56 G	5.80 S	6.38 S	6.41 S	6.36 S	6.36 FS	6.33 S	6.36 S	5.48
21	5.53	5.55	5.54	5.57	6.23	6.30	6.32	6.30	6.30	6.33	5.49
22	5.51 FS	5.54 FS	5.54	5.62 BM	5.86	6.11	6.20	6.22	6.20	6.19	5.47
23	5.73 BM	5.60	5.73 BM	5.78 BM	5.77 BM	5.80 BM	5.77	5.75	5.77	5.82	5.47
24	5.89 BM	5.93 BM	5.91 BM	5.93 BM	5.96 BM	6.14 BM	6.15 FS	6.15 BM	6.14 FS	6.16 BM	5.77
25	7.09 BM	7.09-	7.09-	7.09-	7.09-	6.70 BM	6.28 FS	6.30 BM	6.33 BM	6.22 BM	6.22
26	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	7.5	8.8	9.5	11.3	12.1	12.0	12.0	12.3	12.4	12.8	
BED ELEVATION	7.12	6.95	6.86	6.74	6.68	6.70	6.69	6.67	6.65	6.60	
RIGHT EDGE WATER	25.1	24.8	24.8	24.7	24.7	25.0	25.2	25.2	25.2	25.1	
BED ELEVATION	7.13	6.69	6.87	6.73	6.68	6.70	6.69	6.67	6.62	6.29	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 41.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1800, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1011	5-14 1110	5-16 925	5-19 945	5-21 953	5-22 1339	5-24 1102	5-27 951	5-28 952	5-30 946	6-1 1005
WATER SURFACE(1)											
LEFT BANK GAGE	7.02	6.98	6.86*	6.95	7.27	7.58	7.79	7.12	7.07	6.93	6.90
RIGHT BANK GAGE	7.03	6.99	6.87	6.96	7.27	7.59	7.80	7.12	7.07	6.93	6.90
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.48+	7.48+	7.48+	7.48+	7.48+	7.48 BM	7.56 BM	7.56-	7.56-	7.56-	7.56-
1	7.36+	7.36+	7.36+	7.36+	7.36+	7.36 BM	7.41 BM	7.41-	7.41-	7.41-	7.41-
2	6.67 SG	6.68 BM	6.66 G	6.70 G	6.68 BM	6.66 S	6.69 G	6.72 G	6.72 G	6.72 FG	6.71 G
3	6.66 SG	6.67 G	6.67 G	6.69 G	6.67 S	6.67 S	6.69 G	6.71 G	6.71 G	6.73 G	6.72 SG
4	6.67 SG	6.70 G	6.70 G	6.71 G	6.68 S	6.69 S	6.73 G	6.74 G	6.71 G	6.75 G	6.74 SG
5	6.77 SG	6.77 G	6.76 G	6.78 G	6.77 S	6.80 S	6.79 G	6.78 G	6.78 G	6.81 G	6.78 SG
6	6.80 SG	6.79 G	6.80 G	6.80 G	6.78 S	6.81 S	6.81 SG	6.80 G	6.80 G	6.82 G	6.82 SG
7	6.74 SG	6.77 G	6.76 G	6.77 G	6.77 S	6.79 S	6.79 SG	6.78 G	6.79 G	6.81 G	6.80 SG
8	6.69 SG	6.71 G	6.71 G	6.70 G	6.72 S	6.74 S	6.69 SG	6.71 G	6.69 G	6.73 G	6.72 SG
9	6.62 SG	6.66 G	6.63 G	6.65 G	6.61 S	6.64 S	6.69 SG	6.66 FG	6.67 FG	6.68 G	6.69 SG
10	6.48 SG	6.51 G	6.48 SG	6.50 FG	6.46 S	6.55 S	6.59 CS	6.50 FG	6.49 FG	6.52 SG	6.50 SG
11	6.33 SG	6.36 G	6.34 SG	6.35 FG	6.34 S	6.40 S	6.54 CS	6.37 FG	6.37 FG	6.40 FG	6.38 SG
12	6.38 SG	6.33 SG	6.28 SG	6.32 SG	6.32 S	6.36 S	6.47 S	6.45 SG	6.37 S	6.33 SG	6.30 SG
13	6.55 S	6.57 S	6.29 S	6.32 S	6.30 S	6.33 S	6.32 S	6.59 CS	6.47 S	6.34 CS	6.30 SG
14	6.76 S	6.76 S	6.63 SG	6.63 S	6.51 S	6.34 S	6.27 S	6.66 CS	6.69 S	6.67 S	6.34 S
15	6.82 S	6.73 S	6.72 SG	6.63 S	6.48 S	6.34 S	6.17 S	6.67 CS	6.74 S	6.72 S	6.58 S
16	6.72 S	6.68 S	6.67 SG	6.61 S	6.47 S	6.45 S	6.18 S	6.62 CS	6.70 S	6.68 CS	6.63 SG
17	6.60 S	6.50 S	6.52 S	6.46 SG	6.38 S	6.50 S	6.27 S	6.56 CS	6.57 S	6.63 CS	6.60 S
18	6.41 S	6.49 S	6.47 S	6.45 SG	6.37 S	6.39 S	6.33 FS	6.46 CS	6.41 S	6.43 S	6.34 S
19	6.33 S	6.39 S	6.42 S	6.32 SG	6.29 CS	6.20 S	6.16 FS	6.23 CS	6.26 S	6.39 FS	6.30 S
20	6.32 M	6.36 S	6.31 S	6.50 BM	6.48 BM	6.53 S	6.33 FS	6.55 BM	6.54 BM	6.53 BM	6.52 BM
21	7.40+	7.40+	7.40+	7.40+	7.40+	7.40 BM	7.36 BM	7.36-	7.36-	7.36-	7.36-
22	7.53+	7.53+	7.53+	7.53+	7.53+	7.53 BM	7.50 BM	7.50-	7.50-	7.50-	7.50-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.7	1.7	1.5	1.7	1.4	< 0.0	< 0.0	1.6	1.7	1.6	1.7
BED ELEVATION	6.77	6.74	6.72	6.75	7.27			6.79	6.78	6.78	6.75
RIGHT EDGE WATER	20.8	20.8	20.9	20.7	20.9	>22.0	>22.0	20.7	20.7	20.7	20.7
BED ELEVATION	6.82	6.74	6.77	6.73	7.27			6.82	6.75	6.83	6.70

TABLE 41.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1800, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 927	6- 5 729	6- 7 925	6- 9 1008	6-10 1006	6-11 1015	6-12 1016	6-13 952	6-14 845	6-15 1025	6-16 1338
WATER SURFACE(1)											
LEFT BANK GAGE	6.92	6.92	7.05	7.48	7.66	7.77	7.85	7.80	7.75	7.69	7.33
RIGHT BANK GAGE	6.92	6.93	7.06	7.50	7.68	7.79	7.87	7.82	7.77	7.71	7.34
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.56-	7.56-	7.56-	7.56-	7.54 BM	7.56 BM	7.55 BM	7.55 BM	7.53 BM	7.57 BM	
1	7.41-	7.41-	7.41-	7.41-	7.42 BM	7.43 BM	7.44 BM	7.45 BM	7.40 BM	7.44 BM	
2	6.72 G	6.71 G	6.71 G	6.71 G	6.69	6.72 FG	6.70 G	6.72 BM	6.70 S	6.69 G	
3	6.72 G	6.72 G	6.73 G	6.70 G	6.68	6.74 G	6.73 FG	6.69 G	6.68	6.68	
4	6.74 G	6.74 G	6.70 G	6.72 FG	6.71 S	6.76 G	6.74 G	6.71 G	6.72 SG	6.72 G	
5	6.79 G	6.79 G	6.72 G	6.79 FG	6.78 S	6.81 FG	6.83 G	6.75 FG	6.78 S	6.77 G	
6	6.82 G	6.84 G	6.77 G	6.82 FG	6.80 S	6.84 FG	6.83 G	6.80 FG	6.80 S	6.80 S	
7	6.79 G	6.78 G	6.80 G	6.82 FG	6.78 S	6.81 FG	6.82 G	6.81 FG	6.79 S	6.80 S	
8	6.72 G	6.73 G	6.77 G	6.71 FG	6.74 S	6.75 S	6.74 FG	6.69 FG	6.72 SG	6.70 S	
9	6.67 FG	6.66 G	6.73 G	6.60 FG	6.67 S	6.74 S	6.69 S	6.66 CS	6.55 SG	6.60 SG	
10	6.50 FG	6.50 G	6.45 FG	6.49 SG	6.58 S	6.62 S	6.68 S	6.62 CS	6.48 S	6.57 S	
11	6.37 FG	6.39 G	6.35 FG	6.45 SG	6.55 S	6.38 S	6.57 S	6.53 CS	6.43 S	6.40 S	
12	6.32 FG	6.33 FG	6.26 FG	6.37 S	6.30 S	6.40 S	6.37 S	6.41 S	6.42 S	6.40 S	
13	6.26 CS	6.27 FG	6.25 S	6.38 S	6.41 S	6.26 S	6.34 S	6.32 S	6.35 S	6.42 S	
14	6.31 S	6.26 SG	6.29 S	6.28 S	6.38 S	6.23 S	6.22 S	6.20 S	6.12 S	6.23 S	
15	6.52 S	6.45 S	6.47 S	6.25 S	6.29 S	6.27 S	6.25 S	6.13 S	6.12 S	6.13 S	
16	6.52 S	6.47 S	6.43 S	6.34 S	6.24 S	6.19 S	6.15 S	6.12 S	6.12 S	6.09 S	
17	6.49 S	6.48 S	6.37 S	6.34 S	6.28 S	6.24 S	6.21 S	6.14 S	6.19 S	6.21 SG	
18	6.39 S	6.43 S	6.31 CS	6.31 S	6.32 S	6.32 S	6.29 S	6.25 S	6.29 S	6.22 S	
19	6.24 S	6.29 SG	6.25 CS	6.19 S	6.18 S	6.19 S	6.24 S	6.18 S	6.15 S	6.18 FG	
20	6.52 BM	6.48 BM	6.53 BM	6.51 S	6.49 S	6.51 S	6.50 BM	6.23 S	6.27 S	6.45 BM	
21	7.36-	7.36-	7.36-	7.37 BM	7.39 BM	7.41 BM	7.40 BM	7.40 BM	7.43 BM	7.40 BM	
22	7.50-	7.50-	7.50-	7.50-	7.53 BM	7.54 BM	7.54 BM	7.54 BM	7.53 BM	7.54 BM	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.6	1.5	1.4	0.7	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	
BED ELEVATION	6.78	6.76	6.77	7.48							
RIGHT EDGE WATER	20.8	20.7	20.8	21.7	22.2	>22.0	>22.0	>22.0	>22.0	>22.0	
BED ELEVATION	6.82	6.84	6.75	7.50	7.56						

TABLE 41.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1800, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 1013	6-18 1025	6-19 855	6-20 916	6-21 919	6-23 859	6-25 1620	6-27 1547	6-29 1454	7- 1 945	7- 3 1002
WATER SURFACE(1)											
LEFT BANK GAGE	7.42	7.62	7.60	7.70	7.69	7.61	7.51	7.46	7.06	7.41	7.34
RIGHT BANK GAGE	7.44	7.65	7.62	7.71	7.71	7.62	7.52	7.47	7.07	7.42	7.34
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.57- BM	7.53 BM	7.52 BM	7.55 BM	7.54 BM	7.57 BM	7.57- BM	7.57- BM	7.57- BM	7.57- BM	7.57- BM
1	7.40 BM	7.42 BM	7.41 BM	7.43 BM	7.42 BM	7.44 BM	7.41 BM	7.40 BM	7.40- BM	7.40 BM	7.40- BM
2	6.71 FG	6.68 S	6.68 G	6.69 G	6.69 G	6.70 SG	6.67 BM	6.68 G	6.69 G	6.70 G	6.71 G
3	6.70 G	6.71 S	6.72 G	6.73 SG	6.71 G	6.71 G	6.69 G	6.71 G	6.74 G	6.73 G	6.76 G
4	6.73 G	6.71 S	6.72 G	6.74 SG	6.73 G	6.72 G	6.73 G	6.75 G	6.77 G	6.75 G	6.77 G
5	6.79 CG	6.76 S	6.79 SG	6.79 SG	6.80 G	6.74 G	6.76 G	6.78 G	6.78 G	6.79 G	6.80 G
6	6.82 CG	6.79 S	6.81 G	6.83 G	6.81 G	6.81 G	6.80 G	6.80 G	6.78 G	6.81 G	6.81 G
7	6.79 G	6.81 S	6.80 G	6.79 G	6.81 G	6.81 G	6.79 G	6.78 G	6.76 G	6.80 G	6.78 G
8	6.72 G	6.67 S	6.71 G	6.72 G	6.72 G	6.75 G	6.72 G	6.73 G	6.71 G	6.72 G	6.71 G
9	6.62 G	6.60 S	6.61 S	6.65 S	6.65 SG	6.70 S	6.69 FG	6.66 G	6.63 G	6.62 G	6.64 SG
10	6.48 G	6.49 S	6.49 S	6.57 S	6.62 S	6.62 S	6.71 S	6.58 CS	6.49 SG	6.48 G	6.59 S
11	6.34 S	6.45 S	6.48 S	6.51 S	6.50 S	6.63 S	6.54 S	6.56 S	6.35 S	6.40 S	6.56 S
12	6.39 S	6.40 S	6.36 S	6.37 S	6.35 S	6.60 S	6.50 S	6.54 S	6.35 S	6.42 S	6.51 S
13	6.50 S	6.39 S	6.23 S	6.33 S	6.33 S	6.60 S	6.43 F	6.55 S	6.45 S	6.46 S	6.32 S
14	6.49 S	6.33 S	6.27 S	6.31 S	6.22 S	6.51 S	6.48 S	6.50 S	6.54 S	6.62 S	6.34 S
15	6.45 SG	6.36 S	6.13 S	6.31 S	6.12 S	6.31 S	6.35 FS	6.45 S	6.66 S	6.61 S	6.42 S
16	6.45 SG	6.33 S	6.22 S	6.21 S	6.20 S	6.22 S	6.26 FS	6.46 S	6.66 S	6.62 S	6.34 S
17	6.47 SG	6.28 S	6.29 SG	6.28 SG	6.17 S	6.18 S	6.21 S	6.41 S	6.62 S	6.49 C	6.42 S
18	6.47 SG	6.32 SG	6.30 S	6.28 S	6.25 S	6.24 S	6.20 S	6.30 S	6.47 S	6.49 S	6.44 S
19	6.21 G	6.22 S	6.15 S	6.15 S	6.13 S	6.12 SG	6.06 G	6.15 S	6.39 S	6.29 S	6.33 S
20	6.50 M	6.25 S	6.49 FS	6.48 S	6.40 S	6.42 S	6.49 S	6.47 BM	6.52 BM	6.50 BM	6.51 FS
21	7.39 BM	7.41 BM	7.41 BM	7.41 BM	7.44 BM	7.44 BM	7.43 BM	7.44 BM	7.44- BM	7.42 BM	7.42- BM
22	7.54- BM	7.55 BM	7.54 BM	7.53 BM	7.61 BM	7.56 BM	7.56- BM	7.56- BM	7.56- BM	7.56- BM	7.56- BM
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.9	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	0.5	0.7	1.5	0.9	1.2
BED ELEVATION	7.42						7.51	7.46	6.77	7.41	7.34
RIGHT EDGE WATER	21.1	>22.0	>22.0	>22.0	>22.0	>22.0	21.4	21.2	20.6	21.0	20.9
BED ELEVATION	7.44						7.52	7.47	6.82	7.42	7.34

TABLE 41.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1800, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7-5 1427	7-7 925	7-9 1452	7-12 1031	7-16 1307	7-20 1318	7-23 1344	7-26 931	7-29 1346	9-15 950	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	7.14	6.96	6.88	6.74*	6.69*	6.72*	6.72*	6.67*	6.66*	6.60*	
RIGHT BANK GAGE	7.14	6.97	6.89	6.75	6.69	6.71	6.71	6.67	6.66	6.60	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.57-	7.57-	7.57-	7.57-	7.57-	7.57-	7.57-	7.57-	7.57-	7.57-	7.48
1	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.36
2	6.72 G	6.70 G	6.72 G	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	5.72
3	6.75 G	6.76 G	6.76 G	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	5.63
4	6.78 G	6.77 G	6.77 G	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	5.63
5	6.81 G	6.79 G	6.82 G	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	5.74
6	6.80 G	6.79 G	6.81 G	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	5.53
7	6.78 G	6.77 G	6.78 G	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-	5.52
8	6.72 G	6.73 G	6.73 G	6.72 G	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	5.54
9	6.62 G	6.64 G	6.62 G	6.61 G	6.61 G	6.62 G	6.62 G	6.61 G	6.63 G	6.60 SG	5.55
10	6.51 S	6.47 G	6.47 G	6.47 FG	6.48 G	6.48 FG	6.48 G	6.46 SG	6.48 G	6.46 SG	5.57
11	6.52 S	6.36 FG	6.34 G	6.32 G	6.32 FG	6.35 FG	6.34 FG	6.33 FG	6.33 G	6.31 S	5.71
12	6.57 S	6.27 FG	6.24 FG	6.30 S	6.30 SG	6.31 CS	6.30 SG	6.27 CS	6.30 CS	6.29 S	5.81
13	6.52 S	6.34 SG	6.15 SG	6.31 S	6.37 S	6.46 S	6.41 S	6.37 CS	6.38 CS	6.40 S	5.88
14	6.45 S	6.55 CS	6.21 S	6.23 S	6.30 S	6.33 S	6.23 S	6.20 S	6.24 S	6.33 S	5.94
15	6.37 S	6.84 SG	6.56 S	6.03 G	6.01 S	6.13 CS	6.16 CS	6.14 S	6.22 S	6.39 S	5.96
16	6.42 S	6.82 SG	6.64 S	6.11 G	6.09 FG	6.10 FG	6.11 G	6.11 G	6.13 FG	6.38 CS	5.97
17	6.42 S	6.64 SG	6.59 S	6.43 S	6.16 S	6.13 FG	6.15 G	6.15 G	6.16 FG	6.27 CS	6.03
18	6.48 S	6.38 S	6.54 S	6.50 S	6.29 S	6.23 FS	6.22 S	6.19 FS	6.20 SG	6.28 CS	6.04
19	6.28 S	6.28 S	6.39 S	6.44 S	6.39 S	6.33 S	6.35 S	6.28 FS	6.27 CS	6.21 CS	5.98
20	6.50 FS	6.47 BM	6.46 S	6.45 S	6.47 BM	6.40 BM	6.48 BM	6.38 FS	6.45 M	6.46 BM	6.09
21	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.36
22	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.50
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	1.5	1.5	1.5	7.5	8.2	8.2	8.3	8.5	8.7	9.0	
BED ELEVATION	6.77	6.76	6.75	6.74	6.69	6.71	6.71	6.67	6.66	6.60	
RIGHT EDGE WATER	20.7	20.8	20.7	20.7	20.6	20.7	20.6	20.6	20.6	20.6	
BED ELEVATION	6.82	6.85	6.88	6.75	6.69	6.71	6.71	6.67	6.66	6.58	

- (1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.
 (2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.
 (3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.
 ABBREVIATIONS USED IN TABLE:
 HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
 CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL
 (4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
 * WATER SURFACE ELEVATION ESTIMATED.
 + VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
 - VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT
 DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 42.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1830, EAST FORK RIVER, WYOMING, 1980

DATE TIME	5-13 1000	5-14 1036	5-16 925	5-19 935	5-21 953	5-22 1313	5-24 1025	5-27 955	5-28 958	5-30 944	6- 1 1005
WATER SURFACE(1)											
LEFT BANK GAGE	7.06	7.02	6.90	6.97	7.29	7.63	7.83	7.15	7.10	6.96	6.93
RIGHT BANK GAGE	7.05	7.01	6.89	6.96	7.27	7.60	7.80	7.14	7.08	6.94	6.91
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.75+ BM	7.75+ BM	7.75+ BM	7.75+ BM	7.75+ BM	7.75+ BM	7.75 BM	7.75- BM	7.75- BM	7.75- BM	7.75- BM
1	7.00 BM	7.01 BM	6.90 BM	6.90- BM	7.01 BM	7.03 BM	6.95 BM	7.01 BM	6.99 BM	6.94 BM	6.93 BM
2	6.08 SG	6.17 SG	6.20 BM	6.13 BM	6.07 BM	5.97 SG	5.95 SG	6.13 BM	6.11 BM	6.09 BM	6.09 BM
3	6.20 SG	6.25 SG	6.22 G	6.24 G	6.21 G	6.16 SG	6.13 SG	6.15 SG	6.13 G	6.14 G	6.11 G
4	6.34 SG	6.35 SG	6.33 G	6.35 G	6.33 SG	6.30 SG	6.33 SG	6.33 SG	6.32 G	6.34 G	6.34 G
5	6.46 FG	6.46 SG	6.46 G	6.47 G	6.40 SG	6.47 SG	6.46 SG	6.45 SG	6.50 G	6.50 G	6.51 G
6	6.55 FG	6.56 SG	6.56 G	6.56 G	6.53 SG	6.52 SG	6.54 SG	6.57 G	6.60 G	6.59 G	6.58 G
7	6.71 FG	6.74 SG	6.74 G	6.76 G	6.70 SG	6.72 SG	6.64 SG	6.75 G	6.78 G	6.74 G	6.73 G
8	6.79 SG	6.77 SG	6.80 G	6.79 G	6.77 SG	6.80 SG	6.82 SG	6.80 G	6.80 G	6.79 G	6.78 G
9	6.83 SG	6.81 SG	6.83 G	6.82 G	6.82 SG	6.82 SG	6.86 CS	6.83 G	6.84 G	6.81 G	6.84 G
10	6.85 SG	6.84 SG	6.87 CG	6.85 G	6.81 SG	6.83 CS	6.85 S	6.83 G	6.88 G	6.85 G	6.85 G
11	6.84 SG	6.83 SG	6.87 G	6.85 G	6.83 SG	6.85 S	6.82 SG	6.84 G	6.85 G	6.85 G	6.84 G
12	6.78 SG	6.79 SG	6.83 CG	6.80 G	6.78 SG	6.79 S	6.85 S	6.76 SG	6.77 SG	6.75 G	6.74 G
13	6.66 SG	6.66 S	6.67 G	6.65 G	6.62 CG	6.67 S	6.71 S	6.67 S	6.61 SG	6.63 G	6.62 G
14	6.61 SG	6.61 S	6.49 G	6.49 G	6.56 CS	6.70 S	6.80 S	6.65 S	6.58 CS	6.53 FG	6.51 FG
15	6.63 SG	6.54 S	6.47 SG	6.49 S	6.50 S	6.78 S	6.84 S	6.71 S	6.59 CS	6.49 SG	6.45 SG
16	6.67 SG	6.65 S	6.48 S	6.50 S	6.47 S	6.82 S	6.64 S	6.71 S	6.61 CS	6.55 S	6.52 SG
17	6.84 SG	6.73 S	6.58 SG	6.56 SG	6.53 S	6.68 S	6.71 S	6.79 S	6.74 CS	6.63 S	6.61 S
18	6.85 SG	6.87 S	6.85 SG	6.84 SG	6.81 S	6.67 S	6.76 S	6.83 S	6.82 CS	6.74 FS	6.71 S
19	6.89 FG	6.91 S	6.88 S	6.86 SG	6.87 S	6.83 S	6.81 S	6.86 S	6.87 S	6.87 FS	6.87 S
20	6.88 FG	6.92 S	6.86 S	6.86 SG	6.86 S	6.87 S	6.87 S	6.90 S	6.89 S	6.90 S	6.90 FS
21	6.53 S	6.64 S	6.86 S	6.83 SG	6.84 S	6.74 S	6.80 S	6.85 S	6.76 S	6.79 FS	6.83 FS
22	6.15 S	6.23 FS	6.19 FS	6.23 FS	6.19 M	6.23 S	6.27 FS	6.28 FS	6.33 S	6.33 M	6.33 M
23	6.17 S	6.21 FS	6.19 M	6.21 FS	6.20 M	6.22 S	6.20 FS	6.24 FS	6.25 S	6.27 M	6.25 M
24	6.28 FS	6.29 FS	6.29 M	6.35 M	6.29 M	6.32 S	6.22 BM	6.32 M	6.31 S	6.37 M	6.41 M
25	6.70 BM	6.80 BM	6.79 BM	6.80 BM	6.87 BM	6.79 BM	6.72 BM	6.81 BM	6.71 BM	6.77 BM	6.79 BM
26	7.22+	7.22+	7.22+	7.22+	7.22 BM	7.26 BM	7.26 BM	7.26-	7.26-	7.26-	7.26-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.6	0.5	1.0	1.2	0.7	0.1	0.0	0.7	0.5	0.5	1.0
BED ELEVATION	7.03	7.01	6.90	6.57	6.99	7.63	7.75	6.97	6.94	6.96	6.93
RIGHT EDGE WATER	25.8	25.5	25.5	25.5	>26.0	>26.0	>26.0	25.8	25.9	25.4	25.4
BED ELEVATION	6.94	6.91	6.89	6.91				7.04	7.03	6.94	6.91

TABLE 42.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1830, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6- 3 923	6- 5 726	6- 7 918	6- 9 1000	6-10 951	6-11 945	6-12 940	6-13 928	6-14 851	6-15 1005	6-16 1336
WATER SURFACE(1)											
LEFT BANK GAGE	6.95	6.95	7.08	7.51	7.71	7.80	7.89	7.86	7.79	7.73	7.37
RIGHT BANK GAGE	6.93	6.93	7.06	7.49	7.67	7.79	7.87	7.82	7.77	7.70	7.35
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.75-	7.75-	7.75-	7.75-	7.69	7.68	7.69	7.67	7.67	7.67	7.67
1	6.94	6.94	6.97	6.99	6.95	6.86	6.94	6.86	6.86	6.84	6.84
2	6.06	6.08	6.08	5.92	5.91	5.90	5.97	5.87	5.89	6.00	6.20
3	6.12	6.17	6.13	6.04	6.11	6.00	6.06	5.99	6.05	6.06	6.06
4	6.33	6.35	6.34	6.34	6.35	6.36	6.37	6.32	6.32	6.32	6.32
5	6.48	6.49	6.39	6.43	6.46	6.47	6.49	6.45	6.43	6.44	6.44
6	6.56	6.58	6.58	6.53	6.58	6.55	6.58	6.53	6.52	6.53	6.53
7	6.73	6.76	6.72	6.66	6.65	6.62	6.74	6.63	6.64	6.58	6.58
8	6.77	6.77	6.78	6.80	6.81	6.78	6.79	6.79	6.79	6.80	6.80
9	6.82	6.83	6.82	6.82	6.84	6.80	6.81	6.82	6.80	6.80	6.80
10	6.84	6.87	6.85	6.83	6.84	6.82	6.86	6.84	6.82	6.83	6.83
11	6.84	6.86	6.85	6.83	6.83	6.82	6.92	6.86	6.83	6.83	6.83
12	6.76	6.76	6.78	6.79	6.83	6.79	6.84	6.81	6.82	6.80	6.80
13	6.64	6.64	6.66	6.68	6.71	6.72	6.74	6.74	6.78	6.75	6.75
14	6.52	6.49	6.50	6.55	6.76	6.75	6.76	6.80	6.68	6.67	6.67
15	6.43	6.44	6.54	6.60	6.77	6.82	6.78	6.83	6.54	6.67	6.67
16	6.46	6.46	6.52	6.61	6.79	6.81	6.82	6.71	6.75	6.70	6.70
17	6.61	6.55	6.53	6.58	6.60	6.69	6.74	6.73	6.66	6.73	6.73
18	6.66	6.66	6.64	6.60	6.58	6.76	6.76	6.75	6.79	6.82	6.82
19	6.84	6.82	6.80	6.78	6.77	6.77	6.79	6.82	6.82	6.89	6.89
20	6.92	6.91	6.88	6.90	6.86	6.87	6.86	6.89	6.90	6.90	6.90
21	6.79	6.79	6.81	6.68	6.68	6.77	6.79	6.78	6.74	6.70	6.70
22	6.33	6.34	6.33	6.31	6.33	6.32	6.31	6.35	6.39	6.39	6.39
23	6.25	6.26	6.29	6.21	6.24	6.24	6.22	6.22	6.20	6.27	6.27
24	6.38	6.36	6.36	6.33	6.32	6.35	6.37	6.33	6.32	6.32	6.32
25	6.77	6.77	6.86	6.83	6.70	6.76	6.74	6.76	6.71	6.74	6.74
26	7.26-	7.26-	7.26-	7.32	7.30	7.31	7.33	7.30	7.31	7.31	7.31
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.6	0.6	0.5	0.7	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	
BED ELEVATION	6.93	6.92	6.92	6.90							
RIGHT EDGE WATER	25.3	25.4	25.5	>26.0	>26.0	>26.0	>26.0	>26.0	>26.0	>26.0	
BED ELEVATION	6.90	6.88	6.97								

TABLE 42.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1830, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	6-17 953	6-18 1008	6-19 835	6-20 910	6-21 907	6-23 853	6-25 1647	6-27 1614	6-29 1500	7- 1 942	7- 3 958
WATER SURFACE(1)											
LEFT BANK GAGE	7.46	7.66	7.64	7.72	7.72*	7.64*	7.51*	7.46*	7.08*	7.43*	7.35*
RIGHT BANK GAGE	7.44	7.64	7.62	7.70	7.70	7.62	7.51	7.46	7.08	7.43	7.35
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.67-	7.67	7.67-	7.67	7.66	7.64	7.64-	7.64-	7.64-	7.64-	7.64-
1	6.77 BM	6.71 BM	6.83 BM	6.84 BM	6.80 BM	6.73 BM	6.80 BM	6.88 BM	6.88 BM	6.82 BM	6.83 BM
2	5.93 G	5.91 G	5.87 G	5.92 G	5.91 G	5.85 G	5.88 G	5.93 G	5.98 G	6.00 BM	5.95 G
3	5.99 FG	5.99 G	5.99 SG	6.02 G	6.01 G	6.04 G	5.95 G	6.04 G	6.03 FG	6.01 G	6.02 G
4	6.29 FG	6.27 G	6.29 SG	6.28 S	6.30 G	6.25 G	6.23 G	6.26 G	6.28 G	6.27 G	6.27 G
5	6.46 FG	6.42 SG	6.45 G	6.44 G	6.44 G	6.43 G	6.41 G	6.46 G	6.47 G	6.49 G	6.46 G
6	6.55 FG	6.54 SG	6.53 G	6.55 G	6.53 G	6.54 G	6.53 G	6.55 G	6.57 G	6.58 G	6.58 G
7	6.63 CS	6.62 SG	6.63 G	6.61 SG	6.62 G	6.62 G	6.61 G	6.65 G	6.70 G	6.71 G	6.71 G
8	6.78 CS	6.77 SG	6.76 SG	6.79 G	6.79 G	6.79 G	6.76 G	6.78 G	6.77 G	6.78 G	6.76 G
9	6.83 CS	6.79 S	6.81 SG	6.81 S	6.81 G	6.82 SG	6.79 G	6.79 G	6.83 G	6.83 G	6.82 G
10	6.84 CS	6.84 S	6.84 S	6.83 SG	6.91 S	6.86 G	6.83 G	6.84 SG	6.85 G	6.85 G	6.85 G
11	6.84	6.83 SG	6.83 G	6.83	6.88	6.88	6.81 G	6.81 SG	6.81 G	6.83 G	6.85
12	6.77	6.83	6.77	6.81	6.78	6.83	6.82	6.85	6.76	6.75	6.82
13	6.74	6.65	6.74	6.69	6.72	6.80	6.75 FG	6.76	6.62	6.64 SG	6.75
14	6.48	6.47	6.66	6.63	6.80	6.76	6.80 S	6.75	6.61	6.70	6.77
15	6.49	6.55	6.66	6.71	6.78	6.71	6.81	6.83	6.68	6.64	6.79
16	6.57	6.56	6.63	6.65	6.68	6.66	6.71	6.79	6.75	6.65	6.75
17	6.68	6.63	6.64	6.66	6.67	6.66	6.81	6.67	6.73	6.68	6.72
18	6.80	6.67	6.71	6.69	6.70	6.76	6.69	6.75	6.76	6.75	6.72
19	6.89	6.87	6.87	6.82	6.81	6.82	6.71	6.79	6.73	6.75	6.69
20	6.93	6.93	6.93	6.94	6.95	6.93	6.91	6.86	6.81	6.81	6.79
21	6.82	6.86	6.79	6.72	6.78	6.86	6.81	6.89	6.88	6.92	6.90
22	6.40	6.26	6.30	6.32	6.35	6.38	6.37	6.39	6.36	6.48	6.38
23	6.17	6.24	6.22	6.22	6.25	6.28	6.27	6.36	6.29	6.28	6.27
24	6.39	6.29	6.32	6.32	6.32	6.30	6.33	6.37	6.35	6.36	6.35
25	6.67 BM	6.70 BM	6.74 M	6.84 BM	6.74 BM	6.69 BM	6.73 BM	6.68 BM	6.68 BM	6.74 BM	6.70 FS
26	7.31 BM	7.31 BM	7.31 BM	7.30 BM	7.27 BM	7.30 BM	7.30 BM	7.31 BM	7.31-	7.31 BM	7.32 BM
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.8	0.0	0.1	< 0.0	< 0.0	0.0	0.6	0.5	0.2	0.3	0.3
BED ELEVATION	6.85	7.67	7.64			7.64	6.80	6.79	6.97	6.86	6.87
RIGHT EDGE WATER	>26.0	>26.0	>26.0	>26.0	>26.0	>26.0	>26.0	>26.0	25.8	>26.0	>26.0
BED ELEVATION	7.31								6.97		

TABLE 42.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1830, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE TIME	7- 5 1440	7- 7 921	7- 9 1504	7-12 1027	7-16 1302	7-20 1311	7-23 1338	7-26 927	7-29 1333	9-15 930	5-13
WATER SURFACE(1)											
LEFT BANK GAGE	7.15*	6.98*	6.89*	6.77*	6.70*	6.72*	6.72*	6.69*	6.67*	6.62*	
RIGHT BANK GAGE	7.15	6.98	6.89	6.77	6.70	6.72	6.71	6.68	6.66	6.61	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.64
1	6.89 BM	6.81 BM	6.87 BM	6.87-	6.87-	6.87-	6.87-	6.87-	6.87-	6.87-	6.68
2	6.05 G	5.98 G	6.00 G	6.03 CS	5.98 BM	5.98 BM	5.98	5.95 M	5.95 S	5.96 FS	5.78
3	6.08 G	6.03 G	6.06 G	6.04 G	6.00 G	6.01 G	6.05 G	6.05	6.07 G	6.00 S	5.72
4	6.28 G	6.31 G	6.33 G	6.31 G	6.29 G	6.31 G	6.32 G	6.31 G	6.33 G	6.29 SG	5.92
5	6.47 G	6.48 G	6.49 SG	6.51 G	6.47 G	6.50 G	6.49 G	6.47 G	6.47 G	6.46 SG	6.11
6	6.60 G	6.58 G	6.58 SG	6.59 G	6.57 G	6.58 G	6.58 G	6.56 G	6.57 G	6.55 SG	6.02
7	6.72 G	6.71 G	6.73 SG	6.75 G	6.70 G	6.72 G	6.69 G	6.68 G	6.68-	6.68-	6.07
8	6.76 G	6.77 G	6.77 G	6.77 G	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	5.99
9	6.81 G	6.80 G	6.82 G	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	5.93
10	6.84 G	6.85 G	6.86 SG	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	5.81
11	6.83 G	6.83 G	6.84 G	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	5.82
12	6.85 SG	6.73 G	6.75 G	6.75 G	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	5.70
13	6.74 CS	6.61 G	6.61 G	6.63 G	6.60 G	6.62 SG	6.60 G	6.61 G	6.62 G	6.61 SG	5.67
14	6.76 CS	6.57 S	6.50 FG	6.49 SG	6.49 SG	6.51 SG	6.47 G	6.46 G	6.47 G	6.47 SG	5.71
15	6.82 CS	6.58 S	6.52 SG	6.44 SG	6.43 G	6.42 G	6.45 G	6.44 SG	6.44 SG	6.43 SG	5.63
16	6.82 CS	6.76 SG	6.58 CS	6.45 SG	6.43 G	6.43 G	6.44 G	6.44 G	6.44 G	6.44 SG	5.67
17	6.72 S	6.77 SG	6.76 S	6.50 CS	6.41 G	6.43 G	6.43 G	6.44 G	6.44 G	6.44 SG	5.64
18	6.73 S	6.75 SG	6.75 S	6.66 S	6.45 G	6.44 G	6.45 G	6.45 G	6.44 G	6.46 G	5.76
19	6.72 S	6.69 SG	6.71 S	6.74 S	6.55 FS	6.52 S	6.48 G	6.49 SG	6.47 FG	6.48 G	5.79
20	6.75 FS	6.75 FS	6.70 S	6.72 S	6.72-	6.72-	6.71 S	6.71-	6.71-	6.49 S	5.76
21	6.88 FS	6.80 FS	6.77 S	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	5.68
22	6.34 FS	6.45 FS	6.45 FS	6.53 FS	6.56 FS	6.52 FS	6.55 FS	6.53 FS	6.53 FS	6.53 FS	5.72
23	6.25 FS	6.28 FS	6.28 M	6.29 FS	6.28 FS	6.29 FS	6.28 FS	6.28 FS	6.24 FS	6.29 FS	5.79
24	6.32 FS	6.33 FS	6.36 M	6.35 FS	6.33 FS	6.34 FS	6.36 FS	6.36 FS	6.31 FS	6.37 M	5.75
25	6.69 FS	6.70 FS	6.74 M	6.74 FS	6.74-	6.72 BM	6.72-	6.72-	6.72-	6.72-	6.67
26	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-	7.22
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	0.2	0.8	0.5	1.1	1.1	1.2	1.1	1.2	1.2	1.1	
BED ELEVATION	7.03	6.98	6.89	6.77	6.48	6.49	6.71	6.68	6.66	6.42	
RIGHT EDGE WATER	25.7	25.4	25.4	25.1	24.8	25.0	24.9	24.7	24.8	24.7	
BED ELEVATION	7.15	6.98	6.89	6.77	6.70	6.72	6.71	6.68	6.66	6.61	
LEFT EDGE BAR				8.0	7.0	7.0	7.3	7.0	6.9	6.6	
BED ELEVATION				6.77	6.70	6.72	6.71	6.68	6.66	6.61	
RIGHT EDGE BAR				11.8	12.3	12.2	12.3	12.5	12.6	13.0	
BED ELEVATION				6.77	6.70	6.72	6.71	6.68	6.66	6.61	

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.

* WATER SURFACE ELEVATION ESTIMATED.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 43.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTIONS 0075, 0301, 0708, 0940, 1241, AND 1766.
EAST FORK RIVER, WYOMING, MAY 29, 1980

CROSS SECTION TIME	0075 1249	0301 1229	0708 1203	0940 1144	1241 1126	1766 1050
WATER SURFACE(1)						
LEFT BANK GAGE	5.64	5.82	6.09	6.38	6.50	6.97
RIGHT BANK GAGE	5.64	5.81	6.09	6.37	6.51	6.99
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)					
0	6.57+		7.00+	7.04+	7.26-	7.53-
1	6.24+		7.04+	6.36-	7.25-	7.57-
2	5.77-		6.33-	5.82 BM	6.95-	7.52-
3	5.32 FS	5.64-	5.65 FS	5.58 S	7.00-	7.54-
4	5.11 G	4.82 BM	5.62 SG	5.63 S	6.93-	7.41-
5	4.92 S	4.51 HB	5.60 SG	5.70 S	6.92-	7.37-
6	4.84 S	4.63 S	5.59 SG	5.76 SG	6.87-	7.30-
7	4.86 G	4.93 SG	5.57 SG	5.66 SG	6.98-	7.25-
8	4.46 G	5.01 S	5.57 SG	5.76 SG	6.89-	7.09-
9	4.44 S	5.03 S	5.61 S	5.75 SG	6.57-	6.95 SG
10	4.32 HB	5.09 S	5.61 S	5.76 CG	6.36 FS	6.83 SG
11	4.32 HB	5.16 SG	5.63 S	5.82 CG	6.15 FS	6.70 SG
12	4.30 HB	5.29 SG	5.53 S	5.90 CG	6.06 FS	6.66 SG
13	4.36 G	5.41 SG	5.51 S	5.98 CG	5.97 FS	6.59 S
14	4.46 SG	5.52 SG	5.47 S	6.05 CG	5.81 FS	6.53 S
15	4.64 S	5.46 SG	5.43 S	6.13 CG	5.72 S	6.31 S
16	4.64 S	5.98-	5.41 SG	6.18 CG	5.62 S	6.15 S
17	4.79 S	6.75+	5.52 SG	6.23 CG	5.61 S	6.07 S
18	4.87 S	6.71+	5.60 SG	6.36 CG	5.43 S	5.90 S
19	5.84-	6.57+	5.53 S	6.51-	5.29 G	5.70 SG
20	6.13+	6.51+	5.71 BM	6.65-	5.31 G	5.60 G
21	6.30+	6.61+	6.64+	6.80+	5.55 G	5.61 SG
22	6.40+	6.75+	6.93+	6.88+	6.33 S	5.61 SG
23	6.42+	6.76+	7.15+	7.28+	7.12-	5.93 BM
24	6.56+	6.25+			7.07-	6.73 BM
25	6.78+	6.12+			7.05-	7.28-
26		6.06-				7.69-
27		5.89-				
28		5.81-				
29		6.64+				
30		6.65+				
31		6.52+				
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS						
LEFT EDGE OF WATER	2.6	3.1	2.2	1.4	9.4	8.9
BED ELEVATION	5.64	5.82	6.09	6.38	6.50	6.97
RIGHT EDGE WATER	18.8	15.5	20.2	18.1	22.5	24.8
BED ELEVATION	5.24	5.66	5.99	6.37	6.51	6.99

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL
CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.
- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 44.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTIONS 0808, 0853, 0898, 0940, 0985, AND 1038.
EAST FORK RIVER, WYOMING, JUNE 22, 1980

CROSS SECTION TIME	0808 1506	0853 1439	0898 1340	0940 1319	0985 1250	1038 1240
WATER SURFACE(1)						
LEFT BANK GAGE	6.83	6.90	6.92	6.99	7.03	7.05
RIGHT BANK GAGE	6.82	6.93	6.97	6.99	7.06	7.08
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)					
0	7.14-	7.16-	7.24-	7.02-	7.42-	7.05 BM
1	7.08-	6.22 S	7.12-	6.91 BM	7.21-	6.67 BM
2	7.01-	6.28 S	7.04-	5.79 S	7.00 FS	6.58 FS
3	6.99-	6.28 S	6.96-	5.78 S	6.89 FS	6.41 FS
4	6.97-	6.15 S	6.79-	5.70 S	6.91 FS	6.33 S
5	6.21 S	6.33 S	6.90 BM	5.77 S	6.92 FS	6.22 S
6	6.15 S	6.40 S	6.85 FS	5.77 S	6.94 FS	6.02 S
7	6.21 S	6.35 S	6.82 FS	5.74 S	6.88 FS	6.00 S
8	6.75 FS	6.33 S	6.79 FS	5.80 S	6.86 FS	5.87 S
9	6.88-	6.31 S	6.71 FS	5.76 S	6.80 FS	5.74 S
10	6.99-	6.26 S	6.48 FS	5.69 SG	6.67 FS	5.54 S
11	6.93-	6.21 S	6.03 S	5.79 FG	6.55 FS	5.43 S
12	6.60 BM	6.14 FG	5.90 SG	5.88 CG	6.48 FS	5.17 S
13	5.84 S	6.01 FG	5.87 SG	5.91 G	6.42 FS	5.21 FG
14	5.73 S	5.94 G	5.78 G	5.98 G	6.39 FS	5.31 G
15	5.76 S	5.90 G	5.76 G	6.09 CG	6.22 S	5.39 CG
16	5.66 S	5.87 G	5.75 G	6.15 CG	6.21 S	5.46 CG
17	5.85 S	5.90 G	5.74 G	6.20 CG	6.18 S	5.61 CG
18	5.94 S	5.92 G	5.76 G	6.38 CG	6.12 S	5.81 CG
19	5.87 S	5.93 G	5.83 G	6.55 CG	6.10 S	6.01 G
20	5.76 SG	6.02 G	5.76 G	6.64 CG	6.08 CS	6.16 G
21	5.71 CG	6.12 G	5.87 G	6.80 CG	6.06 CS	6.38 G
22	5.76 G	6.25 G	5.83 CG	6.86 G	6.03 CS	6.76 G
23	5.82 G	6.27 G	5.85 G	7.22-	5.98 CS	7.03 G
24	5.89 G	6.23 G	5.97 G		5.89 SG	7.33-
25	5.92 CG		6.17 G		5.77 FG	
26	5.94 CG		6.52 G		5.70 FG	
27	6.05 CG		6.90 G		5.58 CG	
28	6.09 CG				5.59 G	
29	6.26 BM				5.67 CG	
30	6.58 BM				5.73 CG	
31					5.81 CG	
32					5.88 CG	
33					5.99 CG	
34					6.83 BM	
35					7.33-	
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS						
LEFT EDGE OF WATER	4.2	0.3	5.0	0.5	1.9	0.0
BED ELEVATION	6.58	6.89	6.90	6.99	7.02	7.05
RIGHT EDGE WATER	31.3	<24.0	27.1	22.5	34.2	23.1
BED ELEVATION	6.82		6.98	6.99	7.06	7.08
LEFT EDGE OF BAR	8.7					
BED ELEVATION	6.83					
RIGHT EDGE OF BAR	11.7					
BED ELEVATION	6.83					

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

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+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 45.- STREAMBED ELEVATIONS AND BED MATERIAL, CHUTE-CHANNEL SECTION 1400, EAST FORK RIVER WYOMING, 1980

DATE TIME	5-19 1120	5-21 1115	5-22 1611	5-24 1427	5-27 1142	5-28 1123	5-30 1109	6- 1 1107	6- 3 1109	6- 5 908	6- 7 1051
WATER SURFACE(1)											
LEFT BANK GAGE	6.54*	6.88*	7.20*	7.49*	6.70*	6.66*	6.55*	6.53*	6.54*	6.56*	6.64*
RIGHT BANK GAGE	6.54	6.88	7.20	7.49	6.70	6.66	6.55	6.53	6.54	6.56	6.64
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.11+	7.11+	7.11+	7.11 BM	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-
1	7.11+	7.11+	7.11+	7.11 BM	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-
2	7.32+	7.32+	7.32+	7.32 BM	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-
3	6.64+	6.64 S	6.70 BM	6.71 BM	6.62 BM	6.59 CS	6.59-	6.59-	6.59-	6.59-	6.61 BM
4	6.55+	6.55 S	6.52 S	6.55 FS	6.57 S	6.51 CS	6.51-	6.51-	6.51-	6.53 SG	6.51 S
5	6.54+	6.54 S	6.50 S	6.58 S	6.49 S	6.51 CS	6.52 SG	6.52-	6.52 S	6.51 S	6.50 CS
6	6.51 S	6.49 S	6.47 S	6.49 S	6.51 SG	6.53 CS	6.54 FG	6.54-	6.54-	6.55 S	6.52 SG
7	6.51 S	6.49 S	6.49 S	6.45 S	6.53 S	6.54 CS	6.53 SG	6.50 S	6.53 FG	6.52 S	6.50 SG
8	6.54 S	6.46 S	6.53 S	6.41 S	6.58 S	6.58 S	6.53 S	6.50 S	6.53 S	6.50 SG	6.49 SG
9	6.76+	6.76 BM	7.08 BM	6.69 BM	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-
10	7.39+	7.39+	7.39+	7.39 BM	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	5.7	2.4	2.5	< 0.0	2.8	2.8	4.3	6.9	4.9	3.5	2.9
BED ELEVATION	6.54	6.88	6.80		6.70	6.66	6.55	6.53	6.54	6.56	6.64
RIGHT EDGE WATER	8.0	9.1	9.0	>10.0	8.7	8.5	8.2	8.1	8.2	8.2	8.5
BED ELEVATION	6.54	6.76	7.08		6.70	6.66	6.55	6.53	6.54	6.56	6.64

TABLE 45.- STREAMBED ELEVATIONS AND BED MATERIAL, CHUTE-CHANNEL SECTION 1400, EAST FORK RIVER WYOMING, 1980 --CONTINUED

DATE TIME	6-9 1211	6-10 1215	6-11 1105	6-12 1107	6-13 1111	6-14 1522	6-15 1120	6-16 1110	6-17 1202	6-18 1135	6-19 937
WATER SURFACE(1)											
LEFT BANK GAGE	7.13*	7.32*	7.49*	7.67*	7.58*	7.48*	7.35*	7.02*	7.07*	7.30*	7.25*
RIGHT BANK GAGE	7.13	7.32	7.49	7.67	7.58	7.48	7.35	7.02	7.07	7.30	7.25
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.11-	7.11-	7.09 BM	7.15 BM	7.13 BM	7.13 BM	7.11 BM	7.11-	7.11-	7.11-	7.11-
1	7.11-	7.11-	7.09 BM	7.16 BM	7.13 BM	7.15 BM	7.14 BM	7.14-	7.14-	7.14-	7.14-
2	7.32-	7.32 BM	7.29 BM	7.33 BM	7.30 BM	7.24 BM	7.34 BM	7.34-	7.34-	7.34-	7.34-
3	6.58 FS	6.71 S	6.67 M	6.72 FS	6.70 S	6.72 S	6.53 M	6.62 FS	6.61 S	6.50 S	6.56 S
4	6.53 S	6.51 S	6.51 FS	6.56 SG	6.51 S	6.58 S	6.56 S	6.60 S	6.52 CS	6.55 S	6.54 S
5	6.52 S	6.46 S	6.49 FS	6.53 SG	6.53 S	6.64 S	6.58 S	6.62 S	6.55 CS	6.45 S	6.54 S
6	6.49 S	6.50 S	6.51 S	6.53 S	6.47 S	6.68 S	6.60 S	6.61 CS	6.61 S	6.52 S	6.55 S
7	6.52 S	6.52 S	6.44 S	6.46 S	6.42 S	6.57 S	6.62 S	6.61 S	6.60 S	6.55 S	6.58 S
8	6.51 S	6.51 S	6.56 S	6.42 SG	6.38 S	6.53 S	6.67 S	6.55 S	6.58 S	6.52 S	6.55 S
9	6.78 BM	7.30 BM	7.28 BM	7.27 BM	7.27 BM	7.28 BM	7.30 BM	6.82 BM	6.80 BM	7.27 BM	7.25 BM
10	7.39-	7.39-	7.40 BM	7.42 BM	7.40 BM	7.41 BM	7.41-	7.41-	7.41-	7.41-	7.41-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	2.2	2.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	2.2	2.2	2.1	2.3
BED ELEVATION	6.93	7.32						6.98	6.93	7.30	7.25
RIGHT EDGE WATER	9.0	9.1	>10.0	>10.0	>10.0	>10.0	9.1	9.1	9.1	9.1	9.0
BED ELEVATION	6.78	7.30					7.35	6.86	6.84	7.30	7.25

TABLE 45.- STREAMBED ELEVATIONS AND BED MATERIAL, CHUTE-CHANNEL SECTION 1400, EAST FORK RIVER WYOMING, 1980 --CONTINUED

DATE TIME	6-20 955	6-21 1027	6-23 940	6-25 1419	6-27 1348	6-29 1349	7- 1 1124	7- 3 1142	7- 5 1317	7- 7 1038	7- 9 1345
WATER SURFACE(1)											
LEFT BANK GAGE	7.38*	7.36*	7.27*	7.19*	7.14*	6.70*	7.10*	6.97*	6.75*	6.60*	6.55*
RIGHT BANK GAGE	7.38	7.36	7.27	7.19	7.14	6.70	7.10	6.97	6.75	6.60	6.55
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.10 BM	7.10 BM	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-
1	7.10 BM	7.10 BM	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-
2	7.32 BM	7.32 BM	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-	7.32-
3	6.68 S	6.69 S	6.69 S	6.61 BM	6.66 BM	6.60 BM	6.59 BM	6.59 BM	6.62 BM	6.60 BM	6.60-
4	6.53 S	6.54 S	6.52 S	6.49 S	6.47 S	6.51 SG	6.48 CS	6.49 S	6.48 FG	6.50 G	6.53 G
5	6.51 S	6.56 S	6.49 S	6.42 S	6.51 S	6.48 SG	6.54 CS	6.47 S	6.45 FG	6.49 G	6.52 FS
6	6.47 S	6.56 S	6.50 S	6.51 S	6.51 S	6.47 SG	6.58 CS	6.47 S	6.44 FG	6.46 SG	6.48 SG
7	6.50 S	6.55 S	6.53 S	6.51 S	6.53 S	6.50 S	6.53 CS	6.55 S	6.49 S	6.47 G	6.48 SG
8	6.51 S	6.51 S	6.56 S	6.46 S	6.46 S	6.56 S	6.50 S	6.54 S	6.53 CS	6.49 CS	6.52 FS
9	7.26 BM	7.30 BM	7.27 BM	6.80 BM	6.81 BM	6.81-	6.79 BM	6.76 BM	6.76-	6.76-	6.76-
10	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-
DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS											
LEFT EDGE WATER	< 0.0	< 0.0	2.2	2.2	2.4	2.8	2.2	2.2	2.7	3.0	3.5
BED ELEVATION	7.10		7.27	6.94	6.92	6.70	6.93	6.94	6.75	6.60	6.55
RIGHT EDGE WATER	9.3	9.1	9.0	9.2	9.2	8.6	9.1	9.2	8.9	8.4	8.4
BED ELEVATION	7.38	7.36	7.27	6.84	6.84	6.70	6.80	6.80	6.75	6.60	6.55

(1) ADD 2150 METERS TO OBTAIN WATER SURFACE ELEVATION AND BED ELEVATIONS ABOVE NGVD.

(2) CROSS-CHANNEL DISTANCE IN METERS FROM REFERENCE PIN ON LEFT BANK.

(3) QUALITATIVE DEFINITION OF BED MATERIAL OBTAINED BY VISUAL OBSERVATION OR BY PROBING WITH METAL ROD.

ABBREVIATIONS USED IN TABLE:

HB = HARD BOTTOM CG = COARSE GRAVEL G = GRAVEL FG = FINE GRAVEL SG = SAND AND GRAVEL

CS = COARSE SAND S = SAND FS = FINE SAND M = SOFT SILT BM = BANK MATERIAL

* WATER SURFACE ELEVATION ESTIMATED. NO LEFT BANK GAGE INSTALLED AT THIS SECTION.

+ VALUE SHOWN IS FROM FIRST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF FIRST AVAILABLE MEASUREMENT

- DOES NOT REFLECT ANY CHANGE IN BED ELEVATION PRIOR TO THAT MEASUREMENT.

- VALUE SHOWN IS FROM LAST AVAILABLE MEASUREMENT; BED IS ABOVE WATER SURFACE, BUT USE OF LAST AVAILABLE MEASUREMENT

DOES NOT REFLECT ANY CHANGE IN BED ELEVATION SINCE THAT MEASUREMENT.

TABLE 46.- MEAN BED ELEVATIONS(1), IN METERS ABOVE 2150 METER DATUM,
EAST FORK RIVER, WYOMING, 1980

SECTION	0043	0075	0137	0178	0220	0257	0301	0348	0421	0460	0516
STATIONS(2)	4-20	4-18	7-21	5-20	4-20	2-12 20-24	4-15 24-28	2-18	3-27	4-20	5-19
DATE											
5-13	4.85	4.93	5.14	5.27	5.33	5.33	5.32	5.36	5.59	5.47	5.35
5-14	4.88	4.95	5.16	5.27	5.33	5.34	5.36	5.39	5.60	5.50	5.38
5-16	4.87	4.96	5.15	5.26	5.32	5.33	5.40	5.38	5.57	5.51	5.38
5-19	4.90	5.03	5.18	5.26	5.31	5.37	5.41	5.35	5.56	5.50	5.38
5-21	4.91	4.98	5.16	5.27	5.34	5.36	5.35	5.33	5.56	5.47	5.35
5-22	--	--	--	--	--	--	--	--	--	--	--
5-24(3)	4.56	4.60	5.18	5.29	5.35	5.37	5.30	5.26	5.76	5.52	5.37
5-27	4.50	4.59	5.20	5.28	5.34	5.35	5.38	5.38	5.74	5.52	5.39
5-28	4.60	4.59	5.16	5.27	5.34	5.35	5.32	5.45	5.73	5.51	5.38
5-29	--	4.60	--	--	--	--	5.32	--	--	--	--
5-30	4.44	4.59	5.16	5.27	5.34	5.35	5.36	5.44	5.68	5.52	5.39
6-1	4.40	4.90	5.16	5.26	5.33	5.35	5.41	5.44	5.66	5.52	5.39
6-3	4.46	5.04	5.16	5.26	5.32	5.38	5.43	5.41	5.65	5.52	5.39
6-5	4.48	5.05	5.15	5.26	5.32	5.39	5.41	5.41	5.63	5.52	5.39
6-7	4.48	5.09	5.15	5.29	5.34	5.38	5.39	5.37	5.63	5.52	5.38
6-9	4.47	4.93	5.16	5.29	5.36	5.39	5.32	5.28	5.68	5.46	5.38
6-10	4.74	4.83	5.16	5.33	5.38	5.37	5.33	5.26	5.70	5.50	5.34
6-11	4.61	4.60	5.16	5.31	5.40	5.32	5.29	5.20	5.77	5.53	5.29
6-12	4.52	4.54	5.17	5.28	5.38	5.34	5.29	5.20	5.82	5.55	5.34
6-13	4.60	4.50	5.15	5.30	5.38	5.36	5.28	5.23	5.82	5.53	5.39
6-14	4.55	4.57	5.20	5.28	5.36	5.36	5.30	5.30	5.80	5.51	5.42
6-15	4.59	4.61	5.20	5.29	5.34	5.39	5.30	5.33	5.83	5.50	5.39
6-16	--	--	--	--	--	5.36	5.29	5.37	5.80	--	--
6-17	4.45	4.67	5.18	5.26	5.32	5.36	5.30	5.48	5.77	5.48	5.35
6-18	4.40	4.70	5.18	5.27	5.37	5.36	5.30	5.45	5.75	5.46	5.33
6-19	4.34	4.78	5.16	5.30	5.34	5.37	5.34	5.45	5.78	5.49	5.34
6-20	4.51	4.74	5.18	5.31	5.35	5.36	5.30	5.37	5.78	5.45	5.29
6-21	4.47	4.73	5.19	5.29	5.34	5.38	5.35	5.36	5.81	5.49	5.31
6-22	--	--	--	--	--	--	--	--	--	--	--
6-23	4.51	4.83	5.17	5.32	5.37	--	5.33	5.38	5.76	5.46	5.29
6-25	4.55	4.88	5.20	5.28	5.37	5.38	5.32	5.44	5.75	5.46	5.31
6-27	4.53	4.88	5.19	5.30	5.32	5.35	5.37	5.43	5.69	5.45	5.28
6-29	4.56	5.06	5.16	5.30	5.34	5.35	5.40	5.44	5.67	5.46	5.31
7-1	4.73	5.05	5.15	5.29	5.33	5.39	5.32	5.43	5.66	5.44	5.32
7-3	4.79	4.89	5.18	5.29	5.35	5.36	5.35	5.40	5.66	5.46	5.35
7-5	4.76	4.90	5.19	5.30	5.33	5.33	5.36	5.35	5.65	5.47	5.30
7-7	4.77	5.15	5.17	5.29	5.33	5.36	5.36	5.40	5.62	5.48	5.36
7-9	4.80	5.21	5.18	5.27	5.32	5.36	5.42	5.39	5.58	5.47	5.38
7-12	4.74	5.17	5.18	5.27	5.30	5.38	5.48	5.39	5.58	5.48	5.39
7-16	4.75	5.16	5.19	5.26	5.31	5.43	5.48	5.37	5.58	5.47	5.37
7-20	4.77	5.14	5.20	5.26	5.31	5.46	5.48	5.36	5.57	5.47	5.37
7-23	4.82	5.15	5.19	5.26	5.32	5.45	5.46	5.36	5.57	5.48	5.38
7-26	4.83	5.16	5.19	5.27	5.31	5.46	5.47	5.36	5.56	5.47	5.37
7-29	4.86	5.16	5.21	5.27	5.32	5.45	5.47	5.36	5.57	5.47	5.39
9-15(4)	4.97	5.15	5.20	5.26	5.30	5.44	5.45	5.35	5.56	5.47	5.36

TABLE 46.- MEAN BED ELEVATIONS(1), IN METERS ABOVE 2150 METER DATUM.
EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION	0556	0602	0653	0708	0757	0808	0853	0898	0940	0985	1038
STATIONS(2)	7-18	2-20	2-4 14-26	3-19	3-18	5-8 13-28	2-20	11-24	3-16	3-33	2-19
DATE											
5-13	5.34	5.51	5.51	5.52	5.54	5.86	5.91	5.83	5.77	6.24	5.94
5-14	5.34	5.55	5.54	5.55	5.55	5.86	5.93	5.85	5.78	6.24	5.97
5-16	5.36	5.53	5.54	5.54	5.57	5.84	5.93	5.84	5.78	6.24	5.97
5-19	5.34	5.53	5.55	5.54	5.54	5.85	5.93	5.83	5.74	6.23	5.97
5-21	5.34	5.53	5.52	5.59	5.52	5.85	5.93	5.84	5.73	6.22	5.97
5-22	--	--	--	--	--	--	--	--	--	--	5.97
5-24(3)	5.22	5.34	5.51	5.54	5.59	5.92	6.06	5.85	5.93	6.26	5.79
5-27	5.22	5.40	5.54	5.51	5.69	5.93	6.00	5.86	5.91	6.25	5.85
5-28	5.23	5.42	5.52	5.52	5.68	5.92	5.99	5.85	5.87	6.23	5.83
5-29	--	--	--	5.55	--	--	--	--	5.83	--	--
5-30	5.23	5.43	5.54	5.58	5.70	5.92	5.93	5.86	5.83	6.24	5.84
6-1	5.23	5.45	5.57	5.57	5.70	5.89	5.93	5.85	5.80	6.25	5.83
6-3	5.22	5.47	5.60	5.66	5.66	5.89	5.93	5.85	5.78	6.25	5.84
6-5	5.21	5.48	5.59	5.67	5.65	5.88	5.92	5.84	5.77	6.25	5.84
6-7	5.21	5.55	5.62	5.65	5.56	5.88	5.92	5.84	5.76	6.25	5.82
6-9	5.31	5.56	5.56	5.59	5.48	5.87	5.93	5.82	5.70	6.23	5.85
6-10	5.36	5.46	5.54	5.58	5.45	5.84	6.02	5.83	5.73	6.23	5.89
6-11	5.30	5.43	5.48	5.53	5.47	5.84	6.10	5.84	5.84	6.23	5.96
6-12	5.28	5.35	5.49	5.53	5.47	5.87	6.20	5.85	5.82	6.25	5.82
6-13	5.24	5.33	5.45	5.53	5.48	5.87	6.21	5.84	5.84	6.32	5.70
6-14	5.14	5.32	5.48	5.56	5.46	5.92	6.18	5.83	5.89	6.30	5.66
6-15	5.12	5.27	5.48	5.54	5.48	5.94	6.16	5.83	5.90	6.28	5.62
6-16	--	--	--	5.51	5.52	5.96	6.13	--	--	--	--
6-17	5.14	5.31	5.51	5.54	5.66	5.94	6.06	5.82	5.84	6.25	5.68
6-18	5.12	5.28	5.49	5.56	5.58	5.90	6.06	5.81	5.80	6.22	5.69
6-19	5.17	5.28	5.50	5.55	5.51	5.89	6.13	5.82	5.80	6.23	5.76
6-20	5.15	5.27	5.47	5.56	5.48	5.92	6.12	5.83	5.81	6.19	5.70
6-21	5.19	5.29	5.49	5.54	5.51	5.93	6.13	5.82	5.82	6.24	5.74
6-22	--	--	--	--	--	5.91	6.13	5.82	5.83	6.23	5.75
6-23	5.23	5.34	5.48	5.53	5.50	5.91	6.11	5.82	5.80	6.21	5.72
6-25	5.24	5.42	5.52	5.54	5.51	5.91	6.06	5.84	5.80	6.19	5.78
6-27	5.23	5.48	5.53	5.55	5.51	5.88	6.03	5.83	5.81	6.20	5.75
6-29	5.27	5.51	5.53	5.54	5.65	5.89	5.94	5.82	5.75	6.18	5.75
7-1	5.29	5.54	5.53	5.59	5.53	5.84	5.92	5.83	5.72	6.19	5.74
7-3	5.42	5.51	5.52	5.54	5.45	5.83	5.99	5.83	5.72	6.18	5.75
7-5	5.38	5.52	5.53	5.50	5.46	5.85	5.97	5.83	5.72	6.19	5.88
7-7	5.38	5.55	5.51	5.52	5.57	5.84	5.92	5.84	5.73	6.18	5.90
7-9	5.39	5.55	5.53	5.50	5.56	5.84	5.92	5.85	5.71	6.18	5.90
7-12	5.39	5.56	5.53	5.51	5.55	5.84	5.91	5.85	5.71	6.18	5.90
7-16	5.39	5.57	5.53	5.50	5.55	5.85	5.91	5.85	5.71	6.18	5.89
7-20	5.38	5.57	5.53	5.50	5.55	5.85	5.90	5.85	5.71	6.18	5.89
7-23	5.38	5.56	5.52	5.51	5.51	5.84	5.90	5.85	5.73	6.18	5.89
7-26	5.39	5.55	5.52	5.52	5.53	5.84	5.89	5.85	5.72	6.18	5.89
7-29	5.41	5.55	5.53	5.51	5.52	5.85	5.90	5.85	5.71	6.18	5.89
9-15(4)	5.39	5.55	5.53	5.50	5.50	5.83	5.89	5.84	5.71	6.17	5.89

TABLE 46.- MEAN BED ELEVATIONS(1), IN METERS ABOVE 2150 METER DATUM,
EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION	1077	1120	1155	1202	1241	1284	1315	1360	1396	1425	1481
STATIONS(2)	4-25	2-16	2-20	2-15	2-20	3-18	3-25	9-23	5-16	4-17	5-15 22-26
DATE											
5-13	6.01	5.95	6.13	5.92	6.24	6.10	6.20	6.27	6.21	6.43	6.27
5-14	6.02	5.95	6.14	5.93	6.25	6.13	6.22	6.26	6.21	6.43	6.26
5-16	6.02	5.95	6.15	5.92	6.29	6.14	6.17	6.23	6.23	6.41	6.25
5-19	6.01	5.94	6.16	5.92	6.35	6.08	6.15	6.22	6.20	6.40	6.23
5-21	6.00	5.95	6.19	5.95	6.26	6.03	6.13	6.24	6.20	6.43	6.21
5-22	5.97	5.93	6.23	5.97	6.28	5.98	6.16	6.30	6.18	6.47	6.22
5-24	5.80	5.91	6.29	6.01	6.20	5.96	6.22	6.37	6.21	6.51	6.35
5-27	5.80	5.98	6.16	5.95	6.21	6.10	6.27	6.29	6.25	6.47	6.33
5-28	5.79	5.96	6.15	5.96	6.22	6.13	6.24	6.28	6.26	6.44	6.33
5-29	---	---	---	---	6.24	---	---	---	---	---	---
5-30	5.79	5.94	6.14	5.95	6.25	6.15	6.22	6.25	6.25	6.40	6.31
6- 1	5.80	5.93	6.15	5.93	6.37	6.12	6.17	6.24	6.23	6.41	6.29
6- 3	5.87	5.91	6.15	5.95	6.38	6.08	6.16	6.24	6.23	6.41	6.29
6- 5	5.89	5.91	6.15	5.98	6.36	6.07	6.15	6.24	6.22	6.41	6.28
6- 7	5.91	5.94	6.15	5.96	6.32	6.03	6.14	6.24	6.22	6.41	6.29
6- 9	5.97	5.99	6.20	6.01	6.26	5.97	6.14	6.30	6.19	6.46	6.31
6-10	5.92	5.94	6.21	5.96	6.28	5.97	6.23	6.36	6.18	6.49	6.31
6-11	5.81	5.91	6.28	5.97	6.19	5.97	6.23	6.43	6.18	6.46	6.32
6-12	5.79	5.93	6.28	5.99	6.16	5.98	6.26	6.47	6.20	6.49	6.37
6-13	5.74	5.88	6.27	5.99	6.14	5.98	6.27	6.48	6.18	6.47	6.39
6-14	5.66	5.90	6.21	6.03	6.17	6.00	6.29	6.49	6.19	6.47	6.39
6-15	5.61	5.94	6.16	5.98	6.20	6.02	6.27	6.56	6.17	6.47	6.34
6-16	---	---	---	---	6.22	6.09	6.27	6.45	6.20	6.48	6.31
6-17	5.65	5.95	6.15	5.94	6.24	6.14	6.28	6.38	6.20	6.47	6.31
6-18	5.61	5.96	6.16	5.93	6.29	6.04	6.25	6.42	6.19	6.48	6.33
6-19	5.67	5.92	6.16	5.97	6.27	6.04	6.25	6.46	6.18	6.48	6.34
6-20	5.71	5.91	6.16	6.01	6.30	6.05	6.25	6.49	6.17	6.49	6.36
6-21	5.65	5.91	6.20	6.01	6.30	6.06	6.28	6.52	6.18	6.49	6.36
6-22	---	---	---	---	---	---	---	---	---	---	---
6-23	5.69	5.94	6.14	6.01	6.26	6.13	6.26	6.48	6.20	6.51	6.35
6-25	5.73	5.97	6.15	5.99	6.26	6.12	6.27	6.45	6.19	6.49	6.34
6-27	5.77	5.95	6.17	5.97	6.32	6.11	6.25	6.43	6.20	6.49	6.30
6-29	5.83	5.94	6.13	5.93	6.30	6.19	6.26	6.30	6.20	6.47	6.31
7- 1	5.93	5.93	6.16	6.05	6.35	6.07	6.19	6.31	6.21	6.47	6.31
7- 3	5.94	5.97	6.14	6.05	6.26	6.00	6.22	6.36	6.20	6.47	6.32
7- 5	5.97	5.97	6.12	5.98	6.25	6.04	6.25	6.33	6.20	6.47	6.31
7- 7	6.00	5.96	6.11	5.93	6.25	6.14	6.20	6.26	6.22	6.45	6.30
7- 9	5.99	5.93	6.12	5.93	6.29	6.18	6.17	6.25	6.22	6.46	6.27
7-12	5.99	5.94	6.12	5.93	6.36	6.13	6.16	6.25	6.23	6.45	6.24
7-16	5.97	5.93	6.12	5.93	6.36	6.12	6.16	6.24	6.24	6.46	6.24
7-20	5.98	5.94	6.12	5.94	6.36	6.11	6.16	6.24	6.23	6.46	6.23
7-23	5.98	5.94	6.12	5.92	6.36	6.12	6.17	6.25	6.23	6.46	6.24
7-26	5.99	5.93	6.12	5.92	6.36	6.11	6.15	6.23	6.23	6.45	6.22
7-29	5.98	5.92	6.12	5.94	6.35	6.12	6.16	6.24	6.23	6.46	6.22
9-15	5.98	5.93	6.12	5.92	6.36	6.14	6.14	6.23	6.24	6.46	6.23

TABLE 46.- MEAN BED ELEVATIONS(1), IN METERS ABOVE 2150 METER DATUM,
EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION	1533	1573	1610	1662	1695	1730	1766	1800	1830	CHUTE 1400
STATIONS(2)	3-15	2-14	2-18	7-23	3-19	3-18	4-23	2-19	2-24	4- 8
DATE										
5-13	6.12	6.29	6.45	6.07	6.52	6.46	6.51	6.62	6.63	--
5-14	6.13	6.30	6.43	6.11	6.53	6.47	6.55	6.62	6.64	--
5-16	6.15	6.29	6.43	6.09	6.54	6.46	6.60	6.69	6.62	--
5-19	6.15	6.29	6.41	6.10	6.53	6.45	6.65	6.68	6.62	6.53
5-21	6.10	6.26	6.43	6.10	6.52	6.50	6.59	6.54	6.60	6.51
5-22	6.10	6.30	6.51	6.07	6.51	6.51	6.50	6.54	6.65	6.50
5-24	6.08	6.32	6.55	6.01	6.66	6.55	6.47	6.51	6.65	6.50
5-27	6.18	6.32	6.46	6.03	6.60	6.49	6.46	6.62	6.66	6.53
5-28	6.17	6.33	6.45	6.00	6.59	6.49	6.48	6.61	6.65	6.53
5-29	--	--	--	--	--	--	6.47	--	--	--
5-30	6.20	6.33	6.43	5.99	6.58	6.49	6.50	6.62	6.63	6.53
6- 1	6.22	6.31	6.44	6.01	6.58	6.47	6.48	6.51	6.62	6.52
6- 3	6.19	6.29	6.43	6.01	6.57	6.48	6.61	6.59	6.61	6.53
6- 5	6.22	6.30	6.41	6.02	6.58	6.48	6.61	6.55	6.61	6.52
6- 7	6.18	6.28	6.44	6.00	6.57	6.49	6.59	6.52	6.61	6.50
6- 9	6.10	6.28	6.45	6.03	6.57	6.47	6.47	6.52	6.61	6.51
6-10	6.10	6.29	6.54	6.00	6.56	6.49	6.45	6.53	6.64	6.50
6-11	6.09	6.28	6.52	5.95	6.60	6.55	6.46	6.52	6.65	6.49
6-12	6.09	6.27	6.55	5.96	6.65	6.53	6.46	6.53	6.68	6.50
6-13	6.11	6.32	6.54	5.95	6.68	6.53	6.44	6.50	6.66	6.47
6-14	6.12	6.29	6.53	5.94	6.69	6.51	6.45	6.48	6.64	6.61
6-15	6.09	6.29	6.53	5.93	6.68	6.50	6.46	6.48	6.65	6.60
6-16	--	--	--	--	--	--	--	--	--	6.60
6-17	6.14	6.31	6.47	6.03	6.58	6.47	6.42	6.57	6.63	6.58
6-18	6.12	6.29	6.51	6.04	6.56	6.46	6.41	6.52	6.61	6.51
6-19	6.10	6.27	6.53	5.99	6.61	6.45	6.46	6.49	6.63	6.55
6-20	6.12	6.31	6.49	6.00	6.60	6.46	6.42	6.52	6.63	6.50
6-21	6.12	6.28	6.52	6.02	6.57	6.45	6.41	6.49	6.65	6.55
6-22	--	--	--	--	--	--	--	--	--	--
6-23	6.11	6.29	6.50	5.99	6.58	6.46	6.42	6.56	6.66	6.51
6-25	6.12	6.27	6.48	6.04	6.59	6.47	6.45	6.54	6.65	6.48
6-27	6.10	6.28	6.48	6.04	6.58	6.46	6.45	6.59	6.67	6.50
6-29	6.11	6.30	6.43	6.05	6.57	6.45	6.47	6.61	6.64	6.50
7- 1	6.14	6.29	6.45	6.13	6.52	6.44	6.45	6.61	6.65	6.53
7- 3	6.12	6.28	6.46	6.09	6.55	6.48	6.43	6.57	6.66	6.50
7- 5	6.13	6.27	6.42	6.12	6.55	6.46	6.44	6.59	6.66	6.47
7- 7	6.15	6.31	6.43	6.12	6.56	6.45	6.48	6.61	6.63	6.48
7- 9	6.15	6.31	6.41	6.11	6.53	6.46	6.49	6.56	6.62	6.50
7-12	6.16	6.30	6.41	6.13	6.53	6.46	6.58	6.50	6.60	--
7-16	6.17	6.30	6.41	6.14	6.53	6.46	6.66	6.48	6.57	--
7-20	6.17	6.28	6.39	6.13	6.52	6.45	6.68	6.49	6.57	--
7-23	6.19	6.29	6.40	6.13	6.53	6.45	6.66	6.48	6.57	--
7-26	6.17	6.29	6.40	6.13	6.53	6.45	6.67	6.47	6.57	--
7-29	6.19	6.30	6.38	6.12	6.53	6.45	6.67	6.48	6.56	--
9-15	6.18	6.29	6.35	6.13	6.53	6.45	6.67	6.52	6.55	--

- (1) MEAN BED ELEVATIONS COMPUTED FROM DAILY ELEVATIONS LISTED IN TABLES 1 TO 44.
(2) HORIZONTAL DISTANCES, IN METERS, FROM REFERENCE PIN ON LEFT BANK, OF ELEVATIONS USED IN COMPUTING MEAN.
(3) SECTIONS 0043 THRU 0985 MEASURED ON 5-26.
(4) SECTIONS 0043 THRU 0653 MEASURED ON 9-16.

TABLE 47.- CHANGE IN CROSS-SECTIONAL AREA OF BED MATERIAL SINCE FIRST MEASUREMENT, IN SQUARE METERS, EAST FORK RIVER, WYOMING, 1980

SECTION	0043	0075	0137	0178	0220	0257	0301	0348	0421	0460	0516
WIDTH(1)	16.0	15.0	14.5	16.0	17.0	15.5	15.0	16.5	24.0	17.0	14.5
DATE											
5-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5-14	0.5	0.3	0.3	0.0	0.0	0.2	0.6	0.5	0.2	0.5	0.4
5-16	0.3	0.5	0.1	-0.2	-0.2	0.0	1.2	0.3	-0.5	0.7	0.4
5-19	0.8	1.5	0.6	-0.2	-0.3	0.6	1.4	-0.2	-0.7	0.5	0.4
5-21	1.0	0.7	0.3	0.0	0.2	0.5	0.5	-0.5	-0.7	0.0	0.0
5-22	---	---	---	---	---	---	---	---	---	---	---
5-24(2)	-4.6	-4.9	0.6	0.3	0.3	0.6	-0.3	-1.6	4.1	0.9	0.3
5-27	-5.6	-5.1	0.9	0.2	0.2	0.3	-0.4	0.3	3.6	0.9	0.6
5-28	-4.0	-5.1	0.3	0.0	0.2	0.3	0.0	1.5	3.4	0.7	0.4
5-29	---	-4.9	---	---	---	---	0.0	---	---	---	---
5-30	-6.6	-5.1	0.3	0.0	0.2	0.3	0.6	1.3	2.2	0.9	0.6
6- 1	-7.2	-0.5	0.3	-0.2	0.0	0.3	1.4	1.3	1.7	0.9	0.6
6- 3	-6.2	1.7	0.3	-0.2	-0.2	0.8	1.7	0.8	1.4	0.9	0.6
6- 5	-5.9	1.8	0.1	-0.2	0.9	0.9	1.4	0.8	1.0	0.9	0.6
6- 7	-5.9	2.4	0.1	0.3	0.2	0.8	1.1	0.2	1.0	0.9	0.4
6- 9	-6.1	0.0	0.3	0.3	0.5	0.9	0.0	-1.3	2.2	-0.2	0.4
6-10	-1.8	-1.5	0.3	1.0	0.9	0.6	0.2	-1.6	2.6	0.5	-0.1
6-11	-3.8	-4.9	0.3	0.6	1.2	-0.2	-0.4	-2.6	4.3	1.0	-0.9
6-12	-5.3	-5.8	0.4	0.2	0.9	0.2	-0.4	-2.6	5.5	1.4	-0.1
6-13	-4.0	-6.4	0.1	0.5	0.9	0.5	-0.6	-2.1	5.5	1.0	0.6
6-14	-4.8	-5.4	0.9	0.2	0.5	0.5	-0.3	-1.0	5.0	0.7	1.0
6-15	-4.2	-4.8	0.9	0.3	0.2	0.9	-0.3	-0.5	5.8	0.5	0.6
6-16	---	---	---	---	---	0.5	-0.4	0.2	5.0	---	---
6-17	-6.4	-3.9	0.6	-0.2	-0.2	0.5	-0.3	2.0	4.3	0.2	0.0
6-18	-7.2	-3.4	0.6	0.0	0.7	0.5	-0.3	1.5	3.8	-0.2	-0.3
6-19	-8.2	-2.2	0.3	0.5	0.2	0.6	0.3	1.5	4.6	0.3	-0.1
6-20	-5.4	-2.8	0.6	0.6	0.3	0.5	-0.3	0.2	4.6	-0.3	-0.9
6-21	-6.1	-3.0	0.7	0.3	0.2	0.8	0.5	0.0	5.3	0.3	-0.6
6-22	---	---	---	---	---	---	---	---	---	---	---
6-23	-5.4	-1.5	0.4	0.8	0.7	---	0.2	0.3	4.1	-0.2	-0.9
6-25	-4.8	-0.7	0.9	0.2	0.7	0.8	0.0	1.3	3.8	-0.2	-0.6
6-27	-5.1	-0.7	0.7	0.5	-0.2	0.3	0.8	1.2	2.4	-0.3	-1.0
6-29	-4.6	2.0	0.3	0.5	0.2	0.3	1.2	1.3	1.9	-0.2	-0.6
7- 1	-1.9	1.8	0.1	0.3	0.0	0.9	0.0	1.2	1.7	-0.5	-0.4
7- 3	-1.0	-0.6	0.6	0.3	0.3	0.5	0.5	0.7	1.7	-0.2	0.0
7- 5	-1.4	-0.5	0.7	0.5	0.0	0.0	0.6	-0.2	1.4	0.0	-0.7
7- 7	-1.3	3.3	0.4	0.3	0.0	0.5	0.6	0.7	0.7	0.2	0.1
7- 9	-0.8	4.2	0.6	0.0	-0.2	0.5	1.5	0.5	-0.2	0.0	0.4
7-12	-1.8	3.6	0.6	0.0	-0.5	0.8	2.4	0.5	-0.2	0.2	0.6
7-16	-1.6	3.5	0.7	-0.2	-0.3	1.6	2.4	0.2	-0.2	0.0	0.3
7-20	-1.3	3.2	0.9	-0.2	-0.3	2.0	2.4	0.0	-0.5	0.0	0.3
7-23	-0.5	3.3	0.7	-0.2	-0.2	1.9	2.1	0.0	-0.5	0.2	0.4
7-26	-0.3	3.5	0.7	0.0	-0.3	2.0	2.3	0.0	-0.7	0.0	0.3
7-29	0.2	3.5	1.0	0.0	-0.2	1.9	2.3	0.0	-0.5	0.0	0.6
9-15(3)	1.9	3.3	0.9	-0.2	-0.5	1.7	2.0	-0.2	-0.7	0.0	0.1

TABLE 47.- CHANGE IN CROSS-SECTIONAL AREA OF BED MATERIAL SINCE FIRST MEASUREMENT, IN SQUARE METERS,
EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION	0556	0602	0653	0708	0757	0808	0853	0898	0940	0985	1038
WIDTH(1)	11.0	18.0	15.0	16.0	16.0	18.0	18.0	13.0	14.5	30.5	17.5
DATE											
5-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5-14	0.0	0.7	0.5	0.5	0.2	0.0	0.4	0.3	0.1	0.0	0.5
5-16	0.2	0.4	0.5	0.3	0.5	-0.4	0.4	0.1	0.1	0.0	0.5
5-19	0.0	0.4	0.6	0.3	0.0	-0.2	0.4	0.0	-0.4	-0.3	0.5
5-21	0.0	0.4	0.2	1.1	-0.3	-0.2	0.4	0.1	-0.6	-0.6	0.5
5-22	--	--	--	--	--	--	--	--	--	--	0.5
5-24(2)	-1.3	-3.1	0.0	0.3	0.8	1.1	2.7	0.3	2.3	0.6	-2.6
5-27	-1.3	-2.0	0.5	-0.2	2.4	1.3	1.6	0.4	2.0	0.3	-1.7
5-28	-1.2	-1.6	0.2	0.0	2.2	1.1	1.4	0.3	1.5	-0.3	-1.9
5-29	--	--	--	0.5	--	--	--	--	0.9	--	--
5-30	-1.2	-1.4	0.5	1.0	2.6	1.1	0.4	0.4	0.9	0.0	-1.7
6-1	-1.2	-1.1	0.9	1.9	2.6	0.5	0.4	0.3	0.4	0.3	-1.9
6-3	-1.3	-0.7	1.4	2.2	1.9	0.5	0.4	0.3	0.1	0.3	-1.7
6-5	-1.4	-0.5	1.2	2.4	1.8	0.4	0.2	0.1	0.0	0.3	-1.7
6-7	-1.4	0.7	1.7	2.1	0.3	0.4	0.2	0.1	-0.1	0.3	-2.1
6-9	-0.3	0.9	0.8	1.1	-1.0	0.2	0.4	-0.1	-1.0	-0.3	-1.6
6-10	0.2	-0.9	0.5	1.0	-1.4	-0.4	2.0	0.0	-0.6	-0.3	-0.9
6-11	-0.4	-1.4	-0.5	0.2	-1.1	-0.4	3.4	0.1	1.0	-0.3	0.4
6-12	-0.7	-2.9	-0.3	0.2	-1.1	0.2	5.2	0.3	0.7	0.3	-2.1
6-13	-1.1	-3.2	-0.9	0.2	-1.0	0.2	5.4	0.1	1.0	2.4	-4.2
6-14	-2.2	-3.4	-0.5	0.6	-1.3	1.1	4.9	0.0	1.7	1.8	-4.9
6-15	-2.4	-4.3	-0.5	0.3	-1.0	1.4	4.5	0.0	1.9	1.2	-5.6
6-16	--	--	--	-0.2	-0.3	1.8	4.0	--	--	--	--
6-17	-2.2	-3.6	0.0	0.3	1.9	1.4	2.7	-0.1	1.0	0.3	-4.5
6-18	-2.4	-4.1	-0.3	0.6	0.6	0.7	2.7	-0.3	0.4	-0.6	-4.4
6-19	-1.9	-4.1	-0.1	0.5	-0.5	0.5	4.0	-0.1	0.4	-0.3	-3.1
6-20	-2.1	-4.3	-0.6	0.6	-1.0	1.1	3.8	0.0	0.6	-1.5	-4.2
6-21	-1.6	-4.0	-0.3	0.3	-0.5	1.3	4.0	-0.1	0.7	0.0	-3.5
6-22	--	--	--	--	--	0.9	4.0	-0.1	0.9	-0.3	-3.8
6-23	-1.2	-3.1	-0.5	0.2	-0.6	0.9	3.6	-0.1	0.4	-0.9	-3.8
6-25	-1.1	-1.6	0.2	0.3	-0.5	0.9	2.7	0.1	0.4	-1.5	-2.8
6-27	-1.2	-0.5	0.3	0.5	-0.5	0.4	2.2	0.0	0.6	-1.2	-3.3
6-29	-0.8	0.0	0.3	0.3	1.8	0.5	0.5	-0.1	-0.3	-1.8	-3.3
7-1	-0.5	0.5	0.3	1.1	-0.2	-0.4	0.2	0.0	-0.7	-1.5	-3.5
7-3	0.9	0.0	0.2	0.3	-1.4	-0.5	1.4	0.0	-0.7	-1.8	-3.3
7-5	0.4	0.2	0.3	-0.3	-1.3	-0.2	1.1	0.0	-0.7	-1.5	-1.0
7-7	0.4	0.7	0.0	0.0	0.5	-0.4	0.2	0.1	-0.6	-1.8	-0.7
7-9	0.6	0.7	0.3	-0.3	0.3	-0.4	0.2	0.3	-0.9	-1.8	-0.7
7-12	0.6	0.9	0.3	-0.2	0.2	-0.4	0.0	0.3	-0.9	-1.8	-0.7
7-16	0.6	1.1	0.3	-0.3	0.2	-0.2	0.0	0.3	-0.9	-1.8	-0.9
7-20	0.4	1.1	0.3	-0.3	0.2	-0.2	-0.2	0.3	-0.9	-1.8	-0.9
7-23	0.4	0.9	0.2	-0.2	-0.5	-0.4	-0.2	0.3	-0.6	-1.8	-0.9
7-26	0.6	0.7	0.2	-0.2	-0.2	-0.4	-0.2	0.3	-0.7	-1.8	-0.9
7-29	0.8	0.7	0.3	-0.2	-0.3	-0.2	-0.2	0.3	-0.9	-1.8	-0.9
9-15(3)	0.6	0.7	0.3	-0.3	-0.6	-0.5	-0.4	0.1	-0.9	-2.1	-0.9

TABLE 47.- CHANGE IN CROSS-SECTIONAL AREA OF BED MATERIAL SINCE FIRST MEASUREMENT, IN SQUARE METERS, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION	1077	1120	1155	1202	1241	1284	1315	1360	1396	1425	1481
WIDTH(1)	21.0	14.0	18.0	13.0	18.0	16.0	22.5	14.0	12.0	14.5	16.5
DATE											
5-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5-14	0.2	0.0	0.2	0.1	0.2	0.5	0.5	-0.1	0.0	0.0	-0.2
5-16	0.2	0.0	0.4	0.0	0.9	0.6	-0.7	-0.6	0.2	-0.3	-0.3
5-19	0.0	-0.1	0.5	0.0	2.0	-0.3	-1.1	-0.7	-0.1	-0.4	-0.7
5-21	-0.2	0.0	1.1	0.4	0.4	-1.1	-1.6	-0.4	-0.1	0.0	-1.0
5-22	-0.8	-0.3	1.8	0.7	0.7	-1.9	-0.9	0.4	-0.4	0.6	-0.8
5-24	-4.4	-0.6	2.9	1.2	-0.7	-2.2	0.5	1.4	0.0	1.2	1.3
5-27	-4.4	0.4	0.5	0.4	-0.5	0.0	1.6	0.3	0.5	0.6	1.0
5-28	-4.6	0.1	0.4	0.5	-0.4	0.5	0.9	0.1	0.6	0.1	1.0
5-29	--	--	--	--	0.0	--	--	--	--	--	--
5-30	-4.6	-0.1	0.2	0.4	0.2	0.8	0.5	-0.3	0.5	-0.4	0.7
6-1	-4.4	-0.3	0.4	0.1	2.3	0.3	-0.7	-0.4	0.2	-0.3	0.3
6-3	-2.9	-0.6	0.4	0.4	0.3	-0.3	-0.9	-0.4	0.2	-0.3	0.3
6-5	-2.5	-0.6	0.4	0.8	2.2	-0.5	-1.1	-0.4	0.1	-0.3	0.3
6-7	-2.1	-0.1	0.4	0.5	1.4	-1.1	-1.3	-0.4	0.1	-0.3	0.3
6-9	-0.8	0.6	1.3	1.2	0.4	-2.1	-1.3	0.4	-0.2	0.4	0.7
6-10	-1.9	-0.1	1.4	0.5	0.7	-2.1	0.7	1.3	-0.4	0.9	0.7
6-11	-4.2	-0.6	2.7	0.7	-0.9	-2.1	0.7	2.2	-0.4	0.4	0.8
6-12	-4.6	-0.3	2.7	0.9	-1.4	-1.9	1.4	2.8	-0.1	0.9	2.0
6-13	-5.7	-1.0	2.5	0.9	-1.8	-1.9	1.6	2.9	-0.4	0.6	2.0
6-14	-7.3	-0.7	1.4	1.4	-1.3	-1.6	2.0	3.1	-0.2	0.6	2.0
6-15	-8.4	-0.1	0.5	0.8	-0.7	-1.3	1.6	4.1	-0.5	0.6	2.2
6-16	--	--	--	--	-0.4	-0.2	1.6	2.5	-0.1	0.7	0.7
6-17	-7.6	0.0	0.4	0.3	0.0	-0.6	1.8	2.5	-0.1	0.6	0.7
6-18	-8.4	0.1	0.5	0.1	0.9	-1.0	1.1	2.1	-0.2	0.7	1.0
6-19	-7.1	-0.4	0.5	0.7	0.5	-1.0	1.1	2.7	-0.4	0.7	1.2
6-20	-6.3	-0.6	0.5	1.2	1.1	-0.8	1.1	3.1	-0.5	0.9	1.2
6-21	-7.6	-0.6	1.3	1.2	1.1	-0.6	1.8	3.5	-0.4	0.9	1.9
6-22	--	--	--	--	--	--	--	--	--	--	--
6-23	-6.7	-0.1	0.2	1.2	0.4	0.5	1.4	2.9	-0.1	1.2	1.3
6-25	-5.9	0.3	0.4	0.9	0.4	0.3	1.6	2.5	-0.2	0.9	1.2
6-27	-5.0	0.0	0.7	0.7	1.4	0.2	1.1	2.2	-0.1	0.9	1.5
6-29	-3.8	-0.1	0.0	0.1	1.1	-1.4	1.4	0.4	-0.1	0.6	0.7
7-1	-1.7	-0.3	0.5	1.7	2.0	-0.5	-0.2	0.6	0.0	0.6	0.7
7-3	-1.5	0.3	0.2	1.7	0.4	-1.6	0.5	1.3	-0.1	0.6	0.8
7-5	-0.8	0.3	-0.2	0.8	0.2	-1.0	1.1	0.8	-0.1	0.6	0.7
7-7	-0.2	-0.1	-0.4	0.1	0.2	0.6	0.0	-0.1	0.1	0.3	0.5
7-9	-0.4	-0.3	-0.2	0.1	0.9	-0.3	-0.7	-0.3	0.2	0.3	0.0
7-12	-0.4	-0.1	-0.2	0.1	2.2	0.5	-0.9	-0.3	0.2	0.3	-0.5
7-16	-0.8	-0.3	-0.2	0.1	2.2	0.3	-0.9	-0.4	0.4	0.4	-0.5
7-20	-0.6	-0.1	-0.2	0.3	2.2	0.2	-0.9	-0.4	0.2	0.4	-0.7
7-23	-0.6	-0.1	-0.2	0.0	2.2	0.3	-0.7	-0.3	0.2	0.4	-0.5
7-26	-0.4	-0.3	-0.2	0.0	2.2	0.3	-1.1	-0.6	0.2	0.3	-0.8
7-29	-0.6	-0.4	-0.2	0.3	2.0	0.3	-0.9	-0.4	0.2	0.4	-0.8
9-15	-0.6	-0.3	-0.2	0.0	2.2	0.6	-1.3	-0.6	0.4	0.4	-0.7

TABLE 47.- CHANGE IN CROSS-SECTIONAL AREA OF BED MATERIAL SINCE FIRST MEASUREMENT, IN SQUARE METERS,
EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION	1533	1573	1610	1662	1695	1730	1766	1800	1830	CHUTE 1400
WIDTH(1)	12.0	12.0	16.0	16.5	16.0	15.0	19.0	17.5	21.5	4.5
DATE										
5-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
5-14	0.1	0.1	-0.3	0.7	0.2	0.2	0.8	0.0	0.2	--
5-16	0.4	0.0	-0.3	0.3	0.3	0.0	1.7	-0.5	-0.2	--
5-19	0.4	0.0	-0.6	0.5	0.2	-0.1	2.7	-0.7	-0.2	0.0
5-21	-0.2	-0.4	-0.3	0.5	0.0	0.6	1.5	-1.4	-0.6	-0.1
5-22	-0.2	0.1	1.0	0.0	-0.2	0.8	-0.2	-1.4	0.4	-0.1
5-24	-0.5	0.4	1.6	-1.0	2.2	1.4	-0.8	-1.9	0.4	-0.1
5-27	0.7	0.4	0.2	-0.7	1.3	0.5	-0.9	0.0	0.6	0.0
5-28	0.6	0.5	0.0	-1.2	1.1	0.5	-0.6	-0.2	0.4	0.0
5-29	--	--	--	--	--	--	-0.8	--	--	--
5-30	1.0	0.5	-0.3	-1.3	1.0	0.5	-0.2	0.0	0.0	0.0
6-1	1.2	0.2	-0.2	-1.0	1.0	0.2	-0.6	-0.9	-0.2	-0.0
6-3	0.8	0.0	-0.3	-1.0	0.8	0.3	1.9	-1.2	-0.4	0.0
6-5	1.2	0.1	-0.6	-0.8	1.0	0.3	1.9	-1.2	-0.4	0.0
6-7	0.7	-0.1	-0.2	-1.2	0.8	0.5	1.5	-1.7	-0.4	-0.1
6-9	-0.2	-0.1	0.0	-0.7	0.8	0.2	-0.8	-1.7	-0.4	-0.1
6-10	-0.2	0.0	1.4	-1.2	0.6	0.5	-1.1	-1.6	0.2	-0.1
6-11	-0.4	-0.1	1.6	-2.0	1.3	1.4	-0.9	-1.7	0.4	-0.2
6-12	-0.4	-0.2	1.6	-2.8	2.1	1.1	-0.9	-1.6	1.1	-0.1
6-13	-0.1	0.4	1.4	-2.0	2.6	1.1	-1.3	-2.1	0.6	-0.3
6-14	0.0	0.0	1.3	-2.1	2.7	0.8	-1.1	-2.4	0.2	0.4
6-15	-0.4	0.0	1.3	-2.3	2.6	0.6	-0.9	-2.4	0.4	0.3
6-16	--	--	--	--	--	--	--	--	--	0.3
6-17	0.2	0.2	0.3	-0.7	1.0	0.2	-1.7	-0.9	0.0	0.2
6-18	0.0	0.0	1.0	-0.5	0.6	0.0	-1.9	-1.7	-0.4	-0.1
6-19	-0.2	-0.2	1.3	-1.3	1.4	-0.1	-0.9	-2.3	0.0	0.1
6-20	0.0	0.2	0.6	-1.2	1.3	0.0	-1.7	-1.7	0.0	-0.1
6-21	0.0	-0.1	1.1	-0.8	0.8	-0.1	-1.9	-2.3	0.4	0.1
6-22	--	--	--	--	--	--	--	--	--	--
6-23	-0.1	0.0	0.8	-1.3	1.0	0.0	-1.7	-1.0	0.6	-0.1
6-25	0.0	-0.2	0.5	-0.5	1.1	0.2	-1.1	-1.4	0.4	-0.2
6-27	-0.2	-0.1	-0.5	-0.5	1.0	0.0	-1.1	-0.5	0.9	-0.1
6-29	-0.1	0.1	-0.3	-0.3	0.8	-0.1	-0.8	-0.3	0.2	-0.1
7-1	0.2	0.0	0.0	1.0	0.0	-0.3	-1.1	-0.3	0.4	0.0
7-3	0.0	-0.1	0.2	0.3	0.5	0.3	-1.5	-0.9	0.6	-0.1
7-5	0.1	-0.2	-0.5	0.8	0.5	0.0	-1.3	-0.5	0.6	-0.3
7-7	0.4	0.2	-0.3	0.8	0.6	-0.1	-0.6	-0.3	0.0	-0.2
7-9	0.4	0.2	-0.6	0.7	0.2	0.0	-0.4	-1.0	-0.2	-0.1
7-12	0.5	0.1	-0.6	1.0	0.2	0.0	1.3	-2.1	-0.6	--
7-16	0.6	0.1	-0.6	1.2	0.2	0.0	2.9	-2.4	-1.3	--
7-20	0.6	-0.1	-1.0	1.0	0.0	-0.1	3.2	-2.3	-1.3	--
7-23	0.8	0.0	-0.8	1.0	0.2	-0.1	2.9	-2.4	-1.3	--
7-26	0.6	0.0	-0.8	1.0	0.2	-0.1	3.0	-2.6	-1.3	--
7-29	0.8	0.1	-1.1	0.8	0.2	-0.1	3.0	-2.4	-1.3	--
9-15	0.7	0.0	-1.6	1.0	0.2	-0.1	3.0	-1.7	-1.7	--

- (1) ACTIVE WIDTH OF CHANNEL, IN METERS.
(2) SECTIONS 0043 THRU 0985 MEASURED ON 5-26.
(3) SECTIONS 0043 THRU 0653 MEASURED ON 9-16.