UNITED STATES
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GEOLOGICAL SURVEY

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

Part II. Bed Elevations, 1979

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

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ABSTRACT

At 39 cross sections in a 3.3-kilometer reach of East Fork River, Wyoming, bed elevations were measured daily during a month-long period that included the peak snowmelt runoff. Elevations were measured at less frequent intervals for a week before and several weeks after the one-month period. Considerable scour and fill was recorded at many of the cross sections.

INTRODUCTION

For a decade, East Fork River in western Wyoming has been a field laboratory for the study of bedload-sediment transport. Previous studies in East Fork River and its principal tributary, Muddy Creek, have been reported by Andrews (1979a, 1979b), Bennett and Nordin (1977), Dietrich and others (1979), Emmett (1980), Leopold and Emmett (1976, 1977), Lisle (1979), and Mahoney and others (1976). In 1979, we intensified our program to provide more definitive field data on bedload transport in a stream where the distribution of transportable material on the streambed was not uniform.

This report is the second of a series that tabulates the field data collected during and after the snowmelt runoff season of 1979 in a 3.3-km (kilometer) reach of East Fork River, Wyoming. Characteristics of the study reach and of the drainage basin upstream are summarized in Part I of this series (Emmett and others, 1980), as well as by Andrews (1979b) and Mahoney and others (1976). This report tabulates the river-bed elevations that were measured and the types of bed material that were observed over a period of several months in 39 cross sections in the reach. Other reports in the series will contain data on river stage, river discharge, river slope, bed-material particle size, sediment-transport rates (all in Part I), and concentrations of fluorescent tracer particles (planned as Part III). One interpretive report has been prepared so far (Meade and others, 1981).

CROSS SECTIONS

Cross sections were placed a mean centerline distance of 81 m (meters) apart (most sections were 60 to 100 m apart) at a total of 40 locations in the study reach (fig. 1). All but one of these sections (1573) were marked by

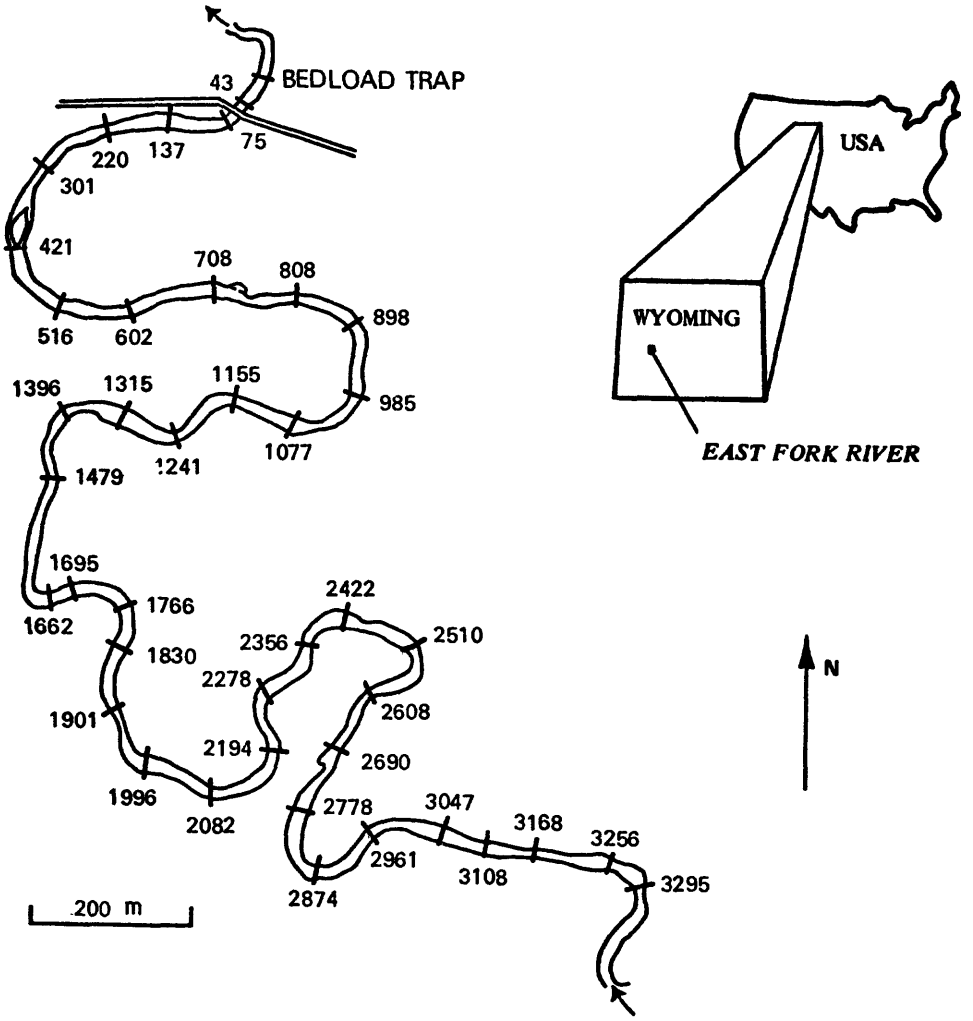

Figure 1.--Map of the 3.3-kilometer study reach, East Fork River, Wyoming. Cross-section numbers correspond to centerline distance, in meters, upriver of bedload trap.

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 one meter 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.

A few meters upriver of each cross section, we installed a staff gage on which we could read the river stage. 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.

Eight of the cross sections used in 1979 correspond to those used earlier in our 1975 study (Mahoney and others, 1976) as follows:

1975 Section	1979 Section
B 15	0421
B 14	0808
B 13	1315
B 12	1662
B 11	2194
B 10	2510
B 9	2874
B 8	3168

Cross-channel distances are measured from the same zero points in all but two of these pairs of cross sections: the zero point at section B 15 corresponds to a distance of 1.0 m in Section 0421; the zero point at Section B 11 corresponds to a distance of 11.1 m in Section 2194. Although the 1975 data are reported in feet of depth below gage readings rather than in meters of elevations above NGVD, the 1975 data can be converted to a format comparable to the one used in this report because all elevations are tied to the same benchmarks.

MEASUREMENT OF BED ELEVATION

Bed elevations at 1-m intervals across the river in the 39 cross sections on successive days are listed in tables 1 through 40. 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 each section we measured on a given day, we recorded the gage reading (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 a wading rod. Our wading rods were marked every 0.05 or 0.1 m, and we estimated the depth to the nearest 0.01 m by interpolation. From the gage reading, we calculated the elevation of the water surface above NGVD. By subtracting the depth measurements from the elevation of the water surface, we calculated the bed elevations.

Sources of Error

In most cases, the bed elevations listed in tables 1 through 40 are probably accurate to 0.02 or 0.03 m. The leveling established the gage datums 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 or subtracted from 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 can be considered accurate only within about 0.02 m, because different observers who measured depths on different days might differ by 0.02 m in the way they interpolated a given depth measurement.

An additional source of error in our measurements of bed elevation during high river stages at cross sections on river bends is the superelevation of the water surface. We placed only one staff gage at each cross section, on one side of the river or the other; and all our depth measurements at that section were subtracted from the elevation of the water surface as measured on that gage. During high stages at river bends, however, the water surface is often several centimeters higher on the outside of the bend than on the inside. This error shows up at cross section 2510 (table 30), for example, where the gage was on the right bank on the outside of a bend: elevations on May 27 at horizontal distances 0 and 1 m were recorded as being 0.06 m higher than they actually were, because the water-surface elevation at the left bank (as determined relative to the known elevation of the top of the zero stake) was some 0.06 m lower than at the right bank. Similarly, at cross section 0421 (table 6), where the gage was on the right bank on the inside of a bend, elevations at horizontal distances 3 and 4 m appear to be lowest during the high-water periods of May 26-30 and June 14-16. Because the river bed here is an outcrop of bedrock, the apparent change in bed elevation reflects the superelevation of the water surface on the outside of the bend. These two cases are probably the most extreme examples of the effects of superelevation on bends; that is, the error is probably no greater elsewhere in the East Fork River than it is in cross sections 2510 and 0421. In future studies, we shall make more effective adjustments for superelevation of the water surface by installing gages on both sides of the river at each cross section.

Other apparently spurious fluctuations in bed elevation are recorded in the tables. Sudden changes or wide fluctuations in apparent bed elevation at the edges of banks are not to be taken at face value. At places such as horizontal distances 20 m in cross section 0708 (table 9), 12 m in section 2194 (table 26), and 2 m in section 2690 (table 32), the measuring points fell 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 19 m in cross section 2961, table 35), the bank caved into the channel during the course of the 1979 runoff season. The reader is warned to watch for the designation BM (bank material) at such

stations as an indication of the reasons for seemingly erratic fluctuations in reported bed elevation.

A similar problem shows up at three sections (distances 26-31 at section 1077, 1-6 at section 1662, and 4-14 at sections 1996--tables 13, 19, and 24), 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.

Mean Bed Elevations

Table 41 contains the mean bed elevation at each cross section for each day of measurement during the 1979 field season. The mean was computed only from the elevations of the active channel bed. We defined the active width as the part of the channel that lay between the banks and whose bed elevations were not subject to the spurious fluctuations described earlier. For computing mean bed elevations, we used only data from those stations that fell within or at the edges of the active width. For computing the changes in cross-sectional area of the bed, 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 41. 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

Table 42 contains the changes in the cross-sectional areas of the bed material, relative to the cross-sectional area on the first day of measurement. 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 computed for table 41 by the active width of the channel bed (given near the top of each column in table 42). From these cross-sectional areas we computed the changes shown in table 42. 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 field data and computing the numbers, the changes in cross-sectional area shown in table 42 are probably no more accurate than ± 0.2 square meter.

DESIGNATION OF BED MATERIAL

Bed material, also reported in tables 1-40, was determined by visual observation 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 1-40 must be considered 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).

"Floor" below Bed Material

The final column of tables 1-39 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 of resistance where the rod could no longer be forced into the bed. This level of resistance usually consisted of coarse gravel or bedrock.

BEAVER DAMS

Beavers are active in the study reach of East Fork River, and their dams sometimes affect the flow of water and sediment. One beaver dam had been constructed just upriver of cross section 2194 before the beginning of the 1979 field season. Despite our partly successful attempts to remove this dam in early May 1979, its debris continued to influence the elevations of the river bed in section 2194. A comparison of the 1979 elevations with those of the same section in 1975 (Mahoney and others, 1976, p. 158-167) will show the considerable (but highly localized) effect of the beaver dam.

No other beaver dams affected the study reach until late in the 1979 field season. At the time of our October measurements, a large dam built below cross section 1662 had backed water as far upriver as section 2082. Because the transport of sediment had essentially ceased for the year by the time this dam was built, its effect on bed elevation is probably negligible. Its most visible effect was the change in the superficial bed material recorded in cross section 1662 between late July and early October.

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TABLES

TABLE 1.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0043, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1127	1735	1432	1256	817	1546	810	904	820	840
WATER SURFACE(1)	6.17	6.34	6.49	6.45	6.44	6.68	6.59	6.37	5.91	5.71
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
1	6.56+	6.56+	6.56+	6.56+	6.56+	6.56 BM	6.58	6.58-	6.58-	6.58-
2	6.34+	6.34+	6.34+	6.34+	6.34 S	6.23 BM	6.09 S	6.20 S	6.20-	6.20-
3	6.14+	6.14 S	5.97 BM	5.91 S	5.85 S	5.83 S	5.81 S	5.76 S	5.76 S	5.76-
4	5.95	5.80 S	5.72 S	5.76 S	5.75 S	5.48 S	5.56 S	5.48 S	5.49 BM	5.31 M
5	5.59	5.42 S	5.37 S	5.35 S	5.44 S	5.28 S	5.35 S	5.12 S	5.05 S	5.05 S
6	5.30	4.94 S	4.75 S	5.00 S	4.80 S	4.28 S	4.49 S	4.43 S	4.91 SG	4.81 S
7	4.93	4.82 S	4.44 S	4.38 S	4.21 S	4.03 S	4.44 S	4.37 S	4.46 S	4.76 S
8	4.96	4.73 S	4.41 S	4.31 S	4.04 S	3.78 S	4.24 S	4.12 S	4.30 S	4.31 S
9	4.63	4.61 S	4.19 S	4.11 SG	3.79 S	3.70 S	4.15 S	3.89 S	4.11 S	4.00 SG
10	4.41	4.48 S	4.08 S	4.00 S	3.79 G	3.68 S	3.99 S	3.77 S	3.91 S	3.86 SG
11	4.39	4.28 S	3.99 S	3.91 S	3.64 S	3.68 S	3.59 S	3.87 S	3.91 S	3.86 SG
12	4.37	4.09 S	3.96 S	3.75 S	3.60 SG	3.38 G	3.39 S	3.72 S	3.80 S	3.86 S
13	4.57	3.94 S	3.88 S	3.72 S	3.58 S	3.28 G	3.29 S	3.59 SG	3.65 SG	3.66 S
14	4.75	3.84 S	3.81 G	3.65 G	3.62 S	3.33 SG	3.39 G	3.58 FG	3.58 SG	3.61 G
15	4.93	3.79 G	3.98 G	3.77 G	3.59 S	3.83 G	3.59 G	3.71 G	3.67 G	3.71 G
16	4.97	3.94 S	3.88 G	3.89 SG	3.84 S	3.92 G	3.83 G	3.77 G	3.87 G	3.87 G
17	5.02	4.14 S	4.08 G	4.03 SG	4.10 S	4.08 HB	4.13 G	4.09 G	4.17 G	4.10 G
18	4.97	4.58 S	4.36 G	4.25 SG	4.24 SG	4.31 HB	4.29 S	4.39 G	4.38 FG	4.35 G
19	5.02	4.89 G	4.88 S	4.71 S	4.64 CS	4.62 S	4.63 S	4.82 G	4.76 S	4.75 SG
20	5.05	4.99 G	4.99 G	5.03 G	5.08 G	5.03 SG	5.04 S	4.99 G	5.00 BM	5.06 G
21	5.63	5.48 G	5.47 BM	5.42 G	5.41 G	5.45 G	5.49 G	5.51 G	5.50 BM	5.51
22	6.27+	6.27 BM	6.22 BM	6.28 BM	6.32 BM	6.28 BM	6.30 BM	6.29 BM	6.29-	6.29-
23	6.40+	6.40+	6.40 BM	6.39 BM	6.39 BM	6.39 BM	6.41 BM	6.41-	6.41-	6.41-
24	6.57+	6.57+	6.57+	6.57+	6.57+	6.57 BM	6.59	6.59-	6.59-	6.59-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	3.2	2.3	2.1	2.3	1.8	0.5	0.7	1.7	2.5	3.8
BED ELEVATION	6.17	6.34	6.49	6.45	6.38	6.68	6.59	6.26	5.91	5.71
RIGHT EDGE WATER	21.7	22.6	23.7	23.6	23.5	24.5	24.0	22.7	21.2	21.0
BED ELEVATION	6.17	6.34	6.49	6.45	6.44	6.68	6.59	6.37	5.91	5.51

TABLE 1.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0043, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1405	1430	1542	1352	1225	1333	1250	1452	1446	1404	1412
WATER SURFACE(1)	5.59	5.68	5.87	6.11	6.22	6.05	5.78	5.57	5.57	5.75	5.88
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-
2	6.20-	6.20-	6.20-	6.11	6.15 S	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-
3	5.76-	5.76-	5.84 M	5.78 S	5.76 S	5.79 S	5.67 S	5.67-	5.67-	5.75 BM	5.82 BM
4	5.58 BM	5.65 BM	5.33 M	5.69 M	5.37 S	5.54 S	5.29 S	5.31 BM	5.32 BM	5.70 BM	5.60 BM
5	5.10 SG	5.01 M	4.93 FS	5.19 M	5.23 S	5.18 S	5.18 S	5.19 S	5.15 FS	5.17 S	5.20 S
6	4.91 FS	4.79 M	4.92 FS	5.06 S	5.01 S	4.95 S	5.37 FS	5.26 S	5.30 FS	5.35 S	5.46 S
7	4.75 S	4.68 S	4.87 FS	5.01 S	4.50 S	4.72 S	5.14 S	5.10 S	5.15 FS	5.09 S	5.17 S
8	4.43 CS	4.29 S	4.52 FS	4.66 S	4.36 S	4.73 S	4.61 S	4.60 S	4.76 FS	4.65 S	4.63 S
9	4.22 CS	4.08 S	4.13 CS	4.15 S	4.18 S	4.57 S	4.22 S	4.14 S	4.21 S	4.25 S	4.24 S
10	3.91 SG	3.86 SG	3.88 FG	4.13 SG	3.82 S	4.30 CS	3.94 CS	3.93 SG	3.89 SG	4.02 FG	3.87 S
11	3.89 S	3.83 CS	3.96 CS	4.01 G	3.72 S	4.11 S	3.88 CS	3.75 SG	3.84 SG	3.89 G	3.70 S
12	3.92 S	3.91 S	3.81 CS	3.91 G	3.72 S	4.00 S	3.69 CS	3.79 SG	3.86 SG	3.89 SG	3.80 S
13	3.66 SG	3.65 S	3.67 FG	3.81 G	3.77 S	3.78 S	3.66 S	3.73 SG	3.91 SG	3.90 S	3.80 S
14	3.57 G	3.52 SG	3.54 FG	3.73 S	3.62 S	3.72 SG	3.54 CS	3.71 SG	3.77 SG	3.75 CS	3.67 S
15	3.64 CG	3.76 SG	3.63 CG	3.79 G	3.77 G	3.71 G	3.67 FG	3.79 SG	3.74 SG	3.81 SG	3.76 S
16	3.87 CG	3.96 G	3.83 CG	3.87 G	3.97 G	3.95 G	3.88 FG	3.94 G	3.90 FG	3.97 SG	3.87 S
17	4.11 G	4.10 G	4.07 CG	4.21 G	4.07 SG	4.13 G	4.18 FG	4.24 S	4.15 SG	4.18 SG	4.10 FG
18	4.37 FG	4.38 SG	4.34 CS	4.36 SG	4.39 S	4.47 SG	4.46 FG	4.45 SG	4.42 SG	4.45 SG	4.52 SG
19	4.94 S	4.83 S	4.63 S	4.75 S	4.84 SG	4.80 SG	4.80 S	4.80 S	4.80 S	4.80 S	4.83 S
20	5.06 S	5.03 SG	4.97 G	5.01 G	5.05 G	5.06 SG	5.10 S	5.08 S	5.05 FS	5.06 G	4.98 G
21	5.50 CG	5.49 M	5.62 G	5.85 BM	5.82 S	5.81 BM	5.54 M	5.54 BM	5.51 S	5.49 G	5.49 G
22	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-
23	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-
24	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	4.0	3.1	2.5	2.0	1.9	2.1	2.8	4.0	4.0	3.0	2.7
BED ELEVATION	5.58	5.68	5.87	6.11	6.22	6.05	5.78	5.31	5.32	5.75	5.88
RIGHT EDGE WATER	21.2	21.2	21.2	21.5	21.6	21.5	21.0	21.0	21.2	21.3	21.4
BED ELEVATION	5.54	5.53	5.87	6.00	6.22	5.90	5.78	5.54	5.55	5.54	5.88

TABLE 1.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0043, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1400	1537	1435	1400	1350	1330	1341	1458	951	1319	1408
WATER SURFACE(1)	6.13	6.25	6.15	5.87	5.77	5.74	5.59	5.49	5.46	5.52	5.52
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-
2	6.15-	6.15 BM	6.13 BM	6.13-	6.13-	6.13-	6.13-	6.13-	6.13-	6.13-	6.13-
3	5.87 BM	5.85 BM	5.79 BM	5.78 FS	5.75 FS	5.74	5.74-	5.74-	5.74-	5.74-	5.74-
4	5.68 BM	5.41 S	5.52 S	5.56 FS	5.24 FG	5.64 BM	5.30 BM	5.49 BM	5.44 BM	5.42	5.20 FS
5	5.26 S	5.30 S	5.23 S	5.22 FS	5.25 S	5.22 S	5.22 FS	5.24 FS	5.24 FS	5.23 S	5.27 FS
6	5.33 S	5.10 S	5.05 S	5.17 FS	5.38 S	5.35 S	5.40 FS	5.42 FS	5.40 S	5.40 S	5.38 FS
7	4.97 S	4.87 S	4.85 S	4.82 FS	5.24 S	5.21 S	5.12 FS	5.12 FS	5.14 S	5.14 S	5.06 FS
8	4.55 S	4.46 S	4.76 S	4.90 FS	4.82 S	4.74 S	4.82 FS	4.87 S	4.82 S	4.82 S	4.72 S
9	4.21 S	4.45 S	4.69 S	4.63 S	4.41 S	4.35 S	4.45 FS	4.57 FS	4.44 S	4.47 S	4.37 S
10	3.92 FG	4.07 S	4.41 S	4.16 CS	4.07 SG	4.12 S	4.17 CS	4.22 S	4.15 CS	4.21 S	4.23 S
11	3.83 FG	4.00 S	4.14 S	4.04 CS	3.89 SG	3.99 S	4.01 CS	4.06 SG	4.04 CS	4.11 S	4.15 S
12	3.83 SG	3.77 S	4.10 S	3.92 CS	3.76 S	3.86 S	3.99 S	4.02 SG	3.96 CS	4.09 S	4.11 S
13	3.68 FG	3.70 S	3.80 S	3.88 S	3.79 S	3.83 S	3.91 S	3.98 S	3.96 CS	4.00 S	3.96 S
14	3.67 G	3.65 FG	3.63 S	3.71 S	3.82 S	3.84 S	3.74 SG	3.83 SG	3.73 CS	3.75 S	3.79 CS
15	3.73 G	3.78 G	3.60 G	3.80 S	3.77 S	3.76 S	3.78 SG	3.80 SG	3.68 CS	3.81 S	3.77 CS
16	3.94 G	4.03 G	3.83 G	3.95 CS	3.88 G	3.91 SG	3.93 SG	3.96 SG	3.83 CS	3.98 S	3.92 CS
17	4.23 FG	4.15 SG	4.11 SG	4.20 CS	4.17 G	4.22 SG	4.21 SG	4.23 SG	4.16 S	4.23 S	4.23 CS
18	4.49 SG	4.41 FG	4.42 S	4.43 CS	4.43 G	4.52 SG	4.49 SG	4.48 SG	4.47 S	4.52 S	4.51 CS
19	4.78 SG	4.87 SG	4.75 G	4.72 CS	4.77 G	4.80 S	4.78 FS	4.79 S	4.80 SG	4.81 S	4.80 S
20	4.97 G	4.95 G	5.00 G	4.97 CG	4.97 G	5.03 G	5.06 G	5.04 G	5.04 G	5.04 G	5.02 G
21	5.49 G	5.47 G	5.47 G	5.47	5.52	5.49	5.50 G	5.49 G	5.49-	5.52	5.51 BM
22	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-
23	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-
24	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.1	1.9	2.0	2.5	2.9	3.0	3.9	4.0	3.9	4.0	3.8
BED ELEVATION	6.10	6.25	6.13	5.87	5.77	5.74	5.59	5.49	5.46	5.42	5.52
RIGHT EDGE WATER	21.6	21.7	21.6	21.8	21.0	21.2	21.2	21.0	20.9	21.0	21.0
BED ELEVATION	5.97	5.86	5.87	5.87	5.52	5.54	5.56	5.49	5.46	5.52	5.51

TABLE 1.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0043, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 9	5-21
TIME	1533	1227	1123	1255	1339	1250	1248	1755	1600	1235	
WATER SURFACE(1)	5.52	5.55	5.51	5.53	5.49	5.48	5.41	5.34	5.33	5.26	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
1	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.58-	6.56
2	6.13-	6.13-	6.13-	6.13-	6.13-	6.13-	6.13-	6.13-	6.13-	6.13-	6.09
3	5.74-	5.74-	5.74-	5.74-	5.74-	5.74-	5.74-	5.74-	5.74-	5.74-	5.67
4	5.33 BM	5.38 BM	5.42	5.48 S	5.46 BM	5.44 BM	5.41	5.29 BM	5.29-	5.29-	5.13
5	5.24 S	5.26 S	5.23 S	5.19 S	5.29 FS	5.33 S	5.32 FS	5.33 S	5.33 S	5.33-	4.76
6	5.37 S	5.37 S	5.38 S	5.33 S	5.33 FS	5.33 S	5.30 S	5.30 S	5.31 S	5.31-	4.28
7	5.14 S	5.14 S	5.15 S	5.12 S	5.11 FS	5.13 S	5.11 S	5.12 S	5.12 S	5.12-	4.03
8	4.70 S	4.64 S	4.63 S	4.70 S	4.67 FS	4.68 S	4.64 S	4.60 S	4.63 S	5.14 S	3.65
9	4.32 S	4.35 S	4.24 S	4.20 S	4.23 S	4.30 S	4.33 S	4.64 S	4.82 S	4.99 S	3.63
10	4.13 S	4.16 S	4.10 S	4.09 S	4.04 S	4.18 S	4.27 S	4.63 S	4.82 S	5.00 S	3.62
11	4.12 S	4.08 S	4.01 S	4.03 S	4.02 S	4.15 S	4.29 S	4.63 S	4.79 S	5.06 S	3.59
12	4.12 S	4.13 S	4.11 S	4.18 S	4.12 S	4.18 S	4.20 S	4.38 S	4.48 S	5.06 S	3.38
13	4.03 S	4.04 S	4.01 S	4.01 S	4.00 S	4.10 S	4.12 S	4.10 S	4.13 S	4.67 S	3.28
14	3.78 S	3.84 S	3.75 S	3.79 S	3.78 CS	3.80 S	3.78 S	3.77 S	3.83 S	4.12 S	3.33
15	3.81 S	3.80 S	3.73 S	3.71 S	3.79 S	3.76 S	3.78 S	3.78 S	3.79 S	4.01 S	3.59
16	3.94 S	3.98 S	3.95 S	3.96 S	3.96 CS	3.90 S	3.92 S	3.94 S	3.97 S	4.11 S	3.77
17	4.18 S	4.23 S	4.21 S	4.20 S	4.21 CS	4.24 S	4.18 S	4.15 S	4.18 S	4.16 S	4.03
18	4.48 S	4.50 S	4.51 S	4.47 S	4.53 CS	4.53 S	4.51 S	4.53 S	4.55 S	4.47 S	4.24
19	4.79 S	4.80 S	4.80 S	4.85 S	4.78 S	4.79 S	4.82 S	4.78 S	4.79 S	4.79 S	4.62
20	5.02 G	5.05 G	5.08 SG	5.01 SG	5.02 G	5.00 SG	5.07 S	5.09 M	5.11 S	5.10 S	4.67
21	5.50 G	5.48 G	5.50	5.49 SG	5.48 BM	5.48 SG	5.48-	5.48-	5.48-	5.48-	5.41
22	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.29-	6.22
23	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.41-	6.39
24	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.57
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.9	4.0	4.0	4.0	3.9	4.0	4.0	4.0	4.1	4.1	
BED ELEVATION	5.52	5.38	5.42	5.48	5.49	5.44	5.41	5.29	5.33	5.26	
RIGHT EDGE WATER	21.0	21.1	21.1	21.1	21.0	21.0	20.8	20.6	20.6	20.4	
BED ELEVATION	5.50	5.53	5.51	5.53	5.48	5.48	5.41	5.34	5.33	5.26	
LEFT EDGE BAR									5.0	4.8	
BED ELEVATION									5.33	5.26	
RIGHT EDGE BAR									5.9	7.4	
BED ELEVATION									5.33	5.26	

(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 2.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0075, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1200	1720	1420	1230	845	1527	843	930	855	850
WATER SURFACE(1)	6.22	6.40	6.53	6.52	6.51	6.74	6.61	6.42	5.93	5.73
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	6.53+	6.53+	6.53	6.53-	6.53-	6.57 BM	6.55 BM	6.55-	6.55-	6.55-
1	6.28+	6.28 BM	6.25 M	6.31 M	6.28 M	6.24 BM	6.24 BM	6.30 M	6.30-	6.30-
2	5.90	5.70 BM	5.80 M	5.72 S	5.79 M	5.71 M	5.83 BM	5.83 M	5.83 BM	5.83-
3	5.62	5.65 BM	5.53 M	5.57 S	5.55 M	5.26 CS	5.33 M	5.55 BM	5.32 M	5.53 BM
4	5.22	5.22 CS	5.18 S	5.22 SG	5.24 S	5.13 CS	5.11 SG	5.14 SG	5.10 SG	5.12 SG
5	5.05	5.02 CS	5.00 SG	5.02 SG	5.04 SG	4.84 S	4.83 S	4.91 S	4.97 S	4.98 S
6	4.94	4.94 S	4.89 SG	4.92 SG	4.95 S	4.59 CS	4.58 S	4.75 S	4.93 S	4.93 S
7	4.82	4.84 S	4.75 S	4.77 SG	4.73 S	4.34 S	4.31 S	4.54 S	4.90 S	4.88 S
8	4.83	4.68 S	4.62 S	4.62 S	4.46 S	4.32 S	4.21 S	4.32 S	4.75 S	4.73 S
9	4.77	4.60 S	4.52 S	4.37 S	4.34 S	4.22 S	4.28 S	4.32 S	4.47 S	4.48 S
10	4.82	4.56 S	4.36 S	4.29 S	4.27 HB	4.24 HB	4.24 HB	4.29 S	4.34 S	4.33 S
11	4.87	4.52 S	4.28 S	4.27 G	4.29 G	4.23 HB	4.21 HB	4.28 S	4.27 S	4.28 S
12	5.02	4.50 S	4.25 S	4.27 G	4.26 G	4.22 HB	4.20 HB	4.27 S	4.30 S	4.28 S
13	5.18	4.35 S	4.29 SG	4.34 G	4.32 G	4.29 HB	4.29 HB	4.32 S	4.31 S	4.38 S
14	5.20	4.48 G	4.40 G	4.47 G	4.40 G	4.39 HB	4.37 HB	4.44 S	4.43 S	4.48 S
15	5.07	4.60 G	4.48 G	4.57 G	4.48 HB	4.54 G	4.48 HB	4.53 S	4.57 S	4.58 S
16	4.92	4.60 G	4.55 G	4.59 G	4.57 G	4.55 HB	4.53 HB	4.59 S	4.60 S	4.65 S
17	4.69	4.64 G	4.58 G	4.62 G	4.60 G	4.58 HB	4.55 HB	4.62 S	4.62 S	4.63 S
18	4.80	4.74 M	4.67 M	4.72 S	4.68 M	4.66 S	4.61 S	4.60 S	4.62 S	4.63 S
19	5.59	5.22 M	5.15 M	5.16	5.18 M	5.22 M	5.14 BM	5.15 M	5.28 BM	5.23 S
20	6.19	5.94 BM	5.90 M	5.91 BM	6.16 BM	5.94 M	5.85 BM	5.95 M	5.95-	5.95-
21	6.26+	6.26 BM	6.26 M	6.25 BM	6.21 BM	6.22 M	6.14 BM	6.28 BM	6.28-	6.28-
22	6.35+	6.35	6.32	6.32 BM	6.23 BM	6.31 BM	6.27 BM	6.35 BM	6.35-	6.35-
23	6.40+	6.40	6.37	6.37 BM	6.37 BM	6.37 BM	6.34 BM	6.42 BM	6.42-	6.42-
24	6.53+	6.53+	6.53	6.53-	6.53-	6.53 BM	6.51 BM	6.51-	6.51-	6.51-
25	6.63+	6.63+	6.63+	6.63+	6.63+	6.63 BM	6.61 BM	6.61-	6.61-	6.61-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	1.2	0.5	0.0	0.2	0.2	< 0.0	0.0	0.5	1.8	2.1
BED ELEVATION	6.22	6.40	6.53	6.52	6.51		6.55	6.42	5.93	5.73
RIGHT EDGE WATER	20.8	23.0	24.0	23.6	23.6	26.3	25.0	23.0	19.2	19.1
BED ELEVATION	6.22	6.40	6.53	6.52	6.51	6.74	6.61	6.42	5.93	5.23

TABLE 2.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0075, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1400	1420	1553	1342	1225	1330	1234	1439	1450	1400	1410
WATER SURFACE(1)	5.59	5.71	5.91	6.18	6.30	6.10	5.81	5.59	5.57	5.78	5.92
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-
1	6.30-	6.30-	6.30-	6.30-	6.30 M	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-
2	5.83-	5.71 M	5.80 BM	5.78 BM	5.88 BM	5.82 BM	5.72 BM	5.72-	5.72-	5.72 M	5.82 BM
3	5.29 S	5.33 M	5.53 BM	5.29 S	5.55 S	5.37 SG	5.34 M	5.36 BM	5.32 M	5.32 M	5.27 S
4	5.05 S	5.09 M	5.10 SG	5.12 S	5.25 S	5.35 S	5.27 S	5.30 FS	5.31 M	5.29 FS	5.29 S
5	4.95 SG	4.99 FS	4.95 S	5.10 S	5.25 S	5.22 S	5.16 S	5.19 FS	5.15 FS	5.18 S	5.14 S
6	4.94 S	4.97 S	4.97 S	5.08 S	5.10 S	5.05 S	5.07 S	5.09 S	5.07 FS	5.12 S	5.08 S
7	4.88 S	4.90 S	4.91 S	4.91 S	4.90 S	5.01 S	4.94 CS	4.94 S	4.92 FS	4.95 S	4.95 S
8	4.75 S	4.77 S	4.88 S	4.86 S	4.73 S	4.81 S	4.70 CS	4.77 S	4.77 SG	4.80 S	4.78 S
9	4.63 S	4.54 S	4.82 CS	4.72 CS	4.74 S	4.78 S	4.58 FG	4.69 S	4.72 S	4.62 S	4.60 S
10	4.41 S	4.36 S	4.86 CS	4.84 CS	4.68 S	4.72 S	4.58 S	4.68 S	4.62 S	4.55 S	4.62 S
11	4.29 S	4.31 S	4.86 S	4.87 S	4.67 S	4.74 S	4.69 S	4.69 S	4.62 S	4.58 S	4.67 S
12	4.25 S	4.31 S	5.10 S	5.08 S	4.76 S	4.81 S	4.74 S	4.77 S	4.67 S	4.66 S	4.87 S
13	4.34 S	4.39 S	5.25 S	4.87 S	4.90 S	4.80 S	4.76 S	4.86 S	4.82 S	4.80 S	5.08 S
14	4.47 S	4.59 S	5.26 S	5.05 S	4.88 S	4.73 S	4.79 S	4.91 S	4.97 S	4.95 S	5.27 S
15	4.59 S	4.61 S	5.21 S	5.09 S	4.88 S	4.81 S	4.77 S	4.81 S	4.91 S	4.98 S	5.17 S
16	4.68 S	4.60 S	5.01 S	5.08 S	4.74 S	4.80 S	4.78 S	4.78 SG	4.77 S	4.93 S	4.97 S
17	4.64 S	4.61 S	4.66 S	4.92 S	4.85 S	4.75 S	4.75 CS	4.76 SG	4.74 S	4.78 S	4.72 G
18	4.62 S	4.69 S	4.68 S	4.90 S	4.84 S	4.80 S	4.81 CS	4.82 SG	4.80 SG	4.79 S	4.79 SG
19	5.27 S	5.31 M	5.29 S	5.26 BM	5.20 BM	5.18 BM	5.28 FS	5.26 BM	5.27 M	5.26 S	5.24 S
20	5.95-	5.95-	5.95-	6.18 BM	5.98 BM	5.99	5.99-	5.99-	5.99-	5.99-	5.99-
21	6.28-	6.28-	6.28-	6.28-	6.28 BM	6.28-	6.28-	6.28-	6.28-	6.28-	6.28-
22	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-
23	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-
24	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-
25	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.8	2.0	1.6	1.3	1.0	1.3	1.8	2.7	2.7	1.9	1.8
BED ELEVATION	5.59	5.71	5.89	6.18	6.30	6.10	5.81	5.59	5.57	5.78	5.92
RIGHT EDGE WATER	19.0	19.2	19.2	20.0	21.2	20.0	19.2	19.1	19.0	19.2	19.2
BED ELEVATION	5.27	5.33	5.91	6.18	6.30	5.99	5.81	5.26	5.27	5.78	5.92

TABLE 2.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0075, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1355	1530	1435	1405	1338	1320	1329	1446	1450	1307	1357
WATER SURFACE(1)	6.18	6.30	6.21	5.91	5.81	5.77	5.61	5.50	5.47	5.53	5.54
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-
1	6.30-	6.24 BM	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-
2	5.89 BM	5.74 BM	5.80 BM	5.76 BM	5.72 BM	5.77	5.77-	5.77-	5.77-	5.77-	5.77-
3	5.53 BM	5.33 SG	5.36 BM	5.51 BM	5.31 FS	5.31 FS	5.39 BM	5.30 BM	5.29 M	5.36 BM	5.33 BM
4	5.17 FS	5.28 S	5.26 S	5.31 S	5.32 S	5.33 FS	5.32 FS	5.29 FS	5.28 FS	5.27 S	5.20 FS
5	5.13 FS	5.28 S	5.24 S	5.25 S	5.26 S	5.26 S	5.23 SG	5.09 SG	4.97 SG	5.01 S	4.91 FS
6	5.02 S	5.12 S	5.16 S	5.16 S	5.21 S	5.09 S	5.10 S	4.96 SG	4.87 CS	4.83 S	4.99 S
7	4.88 S	5.06 S	5.00 S	5.01 S	4.86 S	4.96 S	4.92 SG	4.93 SG	4.88 CS	4.85 S	4.97 S
8	4.73 S	5.00 S	4.85 S	4.78 S	4.67 S	4.67 FG	4.87 SG	4.87 SG	4.89 CS	5.01 S	5.11 S
9	4.73 S	4.80 S	4.74 S	4.56 S	4.51 FG	4.52 SG	4.72 S	4.95 SG	4.90 SG	5.12 S	5.17 S
10	4.93 S	4.74 S	4.78 S	4.51 S	4.39 SG	4.38 FG	4.73 S	5.15 S	5.20 SG	5.17 S	5.25 CS
11	4.88 S	4.81 S	4.70 S	4.51 S	4.41 S	4.44 S	4.87 S	5.27 SG	5.21 SG	5.21 S	5.27 CS
12	4.93 S	4.70 S	4.65 S	4.71 S	4.64 S	4.62 S	4.99 S	5.35 SG	5.26 SG	5.25 SG	5.29 CS
13	4.98 S	4.75 S	4.60 S	4.74 S	4.80 S	4.76 S	5.10 S	5.39 SG	5.38 FG	5.33 SG	5.29 CS
14	5.13 S	4.77 S	4.65 S	4.74 S	4.92 S	4.92 S	5.46 SG	5.47 SG	5.47 SG	5.38 SG	5.28 CS
15	5.14 S	4.71 S	4.64 S	4.71 S	4.78 FS	4.92 S	5.45 SG	5.47 SG	5.46 SG	5.48 SG	5.32 SG
16	5.03 S	4.70 S	4.66 G	4.68 S	4.69 SG	4.86 S	5.27 SG	5.43 SG	5.42 SG	5.43 SG	5.41 SG
17	4.97 S	4.80 S	4.77 G	4.77 CS	4.79 S	4.79 SG	4.81 SG	5.16 SG	5.07 CS	5.23 SG	5.21 SG
18	4.73 S	4.74 S	4.78 SG	4.81 S	4.81 S	4.87 S	4.85 S	4.85 SG	4.83 SG	4.88	4.93 S
19	5.26 S	5.27 S	5.26 S	5.26 BM	5.29 FS	5.27 FS	5.29 M	5.29 BM	5.32 BM	5.29	5.30 BM
20	6.18 BM	6.19 BM	5.99 BM	5.99-	5.99-	5.99-	5.99-	5.99-	5.99-	5.99-	5.99-
21	6.28-	6.20 BM	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-
22	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-
23	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-
24	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-
25	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.3	0.8	1.2	1.6	1.8	2.0	2.5	2.9	2.9	2.7	2.7
BED ELEVATION	6.18	6.30	6.21	5.91	5.79	5.77	5.61	5.50	5.46	5.53	5.54
RIGHT EDGE WATER	20.0	21.7	20.9	19.3	19.1	19.2	19.1	19.0	19.0	19.0	19.0
BED ELEVATION	6.18	6.30	6.21	5.91	5.81	5.32	5.31	5.29	5.32	5.29	5.30

TABLE 2.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0075, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 9	5-21
TIME	1524	1217	1117	1242	1352	1243	1229	1750	1557	1219	
WATER SURFACE(1)	5.54	5.56	5.54	5.55	5.51	5.49	5.42	5.35	5.34	5.28	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.53
1	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24-	6.24
2	5.77-	5.77-	5.77-	5.77-	5.77-	5.77-	5.77-	5.77-	5.77-	5.77-	4.88
3	5.31 M	5.31 M	5.38 BM	5.32 M	5.35 M	5.33 M	5.33 BM	5.30 M	5.32 BM	5.28 BM	4.64
4	5.08 S	5.06 S	5.11 S	5.09 S	5.07 S	5.06 CS	5.05 S	5.03 S	5.07 S	5.03 S	4.90
5	5.03 S	4.88 SG	4.96 S	5.02 S	4.91 S	4.93 S	4.96 S	4.98 S	4.99 S	5.05 S	4.38
6	5.05 S	5.03 S	5.11 S	4.99 S	4.92 S	4.92 S	4.95 S	5.01 S	4.97 S	5.09 S	4.31
7	5.07 S	4.98 S	5.04 S	5.00 S	5.00 S	4.97 S	4.92 S	4.95 S	4.95 S	5.07 S	4.29
8	5.11 S	5.05 S	5.03 S	5.00 S	5.04 S	5.04 S	5.02 S	4.89 S	4.93 S	5.03 S	4.21
9	5.14 S	5.15 S	5.07 S	5.09 S	5.07 S	5.09 S	5.09 S	5.02 SG	5.03 S	5.00 S	4.22
10	5.14 S	5.16 S	5.16 SG	5.20 S	5.18 S	5.16 S	5.16 S	5.17 SG	5.18 S	5.10 S	4.24
11	5.22 S	5.23 S	5.24 SG	5.24 SG	5.23 S	5.24 SG	5.26 SG	5.24 SG	5.24 SG	5.17 S	4.21
12	5.27 S	5.29 SG	5.30 SG	5.30 SG	5.29 SG	5.30 SG	5.32 SG	5.28 SG	5.30 SG	5.23 S	4.20
13	5.31 S	5.30 SG	5.34 SG	5.32 SG	5.32 SG	5.33 FG	5.34 SG	5.29 SG	5.29-	5.29-	4.29
14	5.30 S	5.31 SG	5.33 SG	5.32 SG	5.33 SG	5.34 FG	5.35 SG	5.32 FG	5.32-	5.32-	4.37
15	5.31 S	5.31 SG	5.33 SG	5.33 SG	5.32 SG	5.34 FG	5.35 SG	5.30 FG	5.30-	5.30-	4.48
16	5.35 SG	5.34 SG	5.34 SG	5.34 SG	5.31 S	5.33 FG	5.33 SG	5.33 FG	5.33-	5.28 S	4.53
17	5.17 S	5.21 SG	5.24 SG	5.22 S	5.18 S	5.26 SG	5.20 S	5.22 S	5.24 S	5.19 S	4.55
18	4.93 S	4.94 S	5.03 S	5.00 S	4.98 S	5.03 S	4.97 S	5.02 S	4.99 S	4.96 S	4.60
19	5.27 BM	5.26 BM	5.32 BM	5.29 BM	5.29-	5.28 BM	5.29 M	5.23 M	5.25 BM	5.28 BM	5.05
20	5.99-	5.99-	5.99-	5.99-	5.99-	5.99-	5.99-	5.99-	5.99-	5.99-	5.85
21	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.20-	6.14
22	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-	6.23
23	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.42-	6.34
24	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51
25	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.7	2.8	2.7	2.7	2.9	2.7	2.9	3.0	3.0	3.0	
BED ELEVATION	5.54	5.56	5.54	5.55	5.51	5.49	5.42	5.30	5.32	5.28	
RIGHT EDGE WATER	19.0	19.0	19.0	19.0	18.9	19.0	19.1	19.3	19.2	19.0	
BED ELEVATION	5.27	5.26	5.32	5.29	5.26	5.28	5.31	5.35	5.34	5.28	
LEFT EDGE BAR									12.6	12.6	
BED ELEVATION									5.34	5.28	
RIGHT EDGE BAR									16.8	16.0	
BED ELEVATION									5.34	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.
\+ 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, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1210	1710	1615	1234	855	1514	904	950	908	855
WATER SURFACE(1)	6.24	6.43	6.59	6.54	6.54	6.84	6.70	6.43	5.98	5.80
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	6.70+	6.70+	6.70+	6.70+	6.70+	6.70 BM	6.70	6.70-	6.70-	6.70-
1	6.24	6.17 BM	6.32 BM	6.19 BM	6.15 BM	6.16 BM	6.28 BM	6.26 BM	6.26-	6.26-
2	6.16	6.09 BM	6.21 BM	6.00 BM	6.10 BM	6.12 BM	6.09 BM	6.10 BM	6.10-	6.10-
3	5.86	5.91 BM	5.96 BM	5.84 BM	5.98 BM	5.84 BM	5.69 BM	5.68 BM	5.81 BM	5.81-
4	5.34	5.13 M	5.12 S	5.26 BM	5.22 M	5.22 M	5.05 M	5.12 BM	5.04 BM	5.07 S
5	4.91	4.85 G	4.87 S	4.86 S	4.92 G	4.87 S	4.86 SG	4.89 S	4.83 S	5.00 S
6	5.01	4.97 G	4.99 SG	5.00 SG	4.98 G	5.07 CS	5.02 G	5.01 S	5.07 S	5.20 SG
7	5.12	5.09 G	5.09 G	5.12 G	5.11 G	5.12 SG	5.12 G	5.12 S	5.13 SG	5.20 SG
8	5.19	5.15 G	5.16 G	5.18 G	5.17 G	5.20 G	5.19 G	5.16 G	5.22 FG	5.25 G
9	5.17	5.15 CG	5.15 G	5.14 G	5.13 G	5.16 G	5.13 G	5.13 G	5.17 G	5.19 G
10	5.19	5.13 G	5.15 G	5.12 G	5.11 G	5.14 G	5.08 G	5.10 G	5.15 G	5.15 SG
11	5.20	5.15 G	5.14 G	5.12 G	5.10 G	5.12 G	5.10 G	5.08 G	5.12 G	5.10 G
12	5.16	5.11 G	5.09 G	5.10 G	5.10 G	5.11 G	5.09 G	5.09 G	5.10 G	5.10 G
13	5.14	5.07 G	5.09 G	5.08 G	5.06 G	5.10 G	5.08 G	5.07 G	5.10 G	5.10 G
14	5.11	5.05 S	5.09 G	5.04 G	5.07 S	5.10 SG	5.07 SG	5.05 G	5.06 G	5.05 G
15	5.12	5.07 S	5.09 SG	5.09 G	5.05 G	5.11 S	5.06 S	5.10 S	5.07 G	5.05 G
16	5.14	5.07 S	5.14 SG	5.08 G	5.06 G	5.11 S	5.07 S	5.16 S	5.08 G	5.15 S
17	5.16	5.13 S	5.14 S	5.10 G	5.09 G	5.14 S	5.12 S	5.12 S	5.15 S	5.14 S
18	5.20	5.17 S	5.19 S	5.20 S	5.16 S	5.22 S	5.17 S	5.15 S	5.15 S	5.25 S
19	5.26	5.25 G	5.29 G	5.34 S	5.25 S	5.27 S	5.32 S	5.26 S	5.36 S	5.35 S
20	5.32	5.27 M	5.29 S	5.32 S	5.36 S	5.33 S	5.22 S	5.29 S	5.40 S	5.40 S
21	5.52	5.41 M	5.39 S	5.44 BM	5.39 S	5.39 S	5.33 BM	5.34 S	5.50 S	5.46 FS
22	6.40+	6.40 BM	6.29 BM	6.37 BM	6.37 BM	6.38 BM	6.12 BM	6.40 BM	6.40-	6.40-
23	6.21+	6.21 BM	6.24 BM	6.20 BM	6.26 BM	6.25 BM	6.20 BM	6.21 BM	6.21-	6.21-
24	6.11+	6.11 BM	6.13 BM	6.08 BM	6.11 BM	6.12 BM	6.09 BM	6.11 BM	6.11-	6.11-
25	6.33+	6.33 BM	6.34 BM	6.32 BM	6.33 BM	6.33 BM	6.33	6.33 BM	6.33-	6.33-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	1.0	0.7	0.9	1.0	0.8	< 0.0	0.0	0.8	2.4	3.3
BED ELEVATION	6.24	6.43	6.59	6.19	6.54		6.70	6.43	5.98	5.80
RIGHT EDGE WATER	21.6	>25.0	>25.0	>25.0	>25.0	>25.0	>25.0	>25.0	21.5	21.5
BED ELEVATION	6.24								5.98	5.67

TABLE 3.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0137, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1405	1410	1548	1332	1220	1325	1228	1435	1437	1352	1357
WATER SURFACE(1)	5.67	5.77	5.95	6.21	6.32	6.14	5.86	5.66	5.65	5.84	5.96
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-
1	6.26-	6.26-	6.26-	6.26-	6.19 BM	6.19-	6.19-	6.19-	6.19-	6.19-	6.19-
2	6.10-	6.10-	6.10-	6.12 BM	6.10 BM	6.14 BM	6.14-	6.14-	6.14-	6.14-	6.14-
3	5.81-	5.81-	5.85 BM	5.86 BM	5.80 BM	5.82 BM	5.71 BM	5.71-	5.71-	5.79 BM	5.80 BM
4	5.05 BM	5.03 M	5.10 M	5.11 BM	5.10 M	5.13 S	5.05 BM	5.06 M	5.09 BM	5.06 M	5.09 FS
5	4.91 CS	4.95 SG	4.90 SG	4.90 CS	4.92 SG	4.92 G	4.88 FG	4.92 FG	4.92 FG	4.91 G	4.91 G
6	5.20 FG	5.22 SG	5.05 SG	5.11 CS	5.09 SG	5.14 G	5.11 FG	5.14 SG	5.13 G	5.14 G	5.12 FG
7	5.22 G	5.22 SG	5.15 SG	5.19 FG	5.19 G	5.16 G	5.21 FG	5.19 G	5.20 G	5.19 G	5.16 CG
8	5.25 G	5.26 SG	5.20 G	5.21 G	5.25 G	5.25 G	5.25 FG	5.26 G	5.26 G	5.23 G	5.25 CG
9	5.19 G	5.19 G	5.13 G	5.14 G	5.17 G	5.14 G	5.19 G	5.16 G	5.17 G	5.17 G	5.16 CG
10	5.13 G	5.15 G	5.10 G	5.14 G	5.16 SG	5.14 SG	5.11 G	5.14 G	5.16 G	5.14 G	5.14 CG
11	5.10 SG	5.12 SG	5.10 G	5.11 G	5.12 G	5.13 G	5.08 G	5.13 G	5.13 SG	5.12 G	5.12 CG
12	5.10 SG	5.12 SG	5.08 S	5.11 G	5.11 SG	5.13 G	5.07 G	5.11 G	5.12 SG	5.12 G	5.12 CG
13	5.07 SG	5.08 SG	5.08 SG	5.09 G	5.09 SG	5.13 G	5.04 G	5.08 SG	5.08 SG	5.07 G	5.07 CG
14	5.06 SG	5.06 SG	5.05 G	5.04 SG	5.07 SG	5.07 G	5.04 G	5.07 SG	5.11 S	5.07 G	5.05 CG
15	5.13 S	5.07 SG	5.06 G	5.07 SG	5.07 G	5.09 SG	5.06 G	5.13 S	5.18 S	5.08 G	5.07 CG
16	5.14 CS	5.11 SG	5.07 G	5.09 G	5.10 G	5.12 G	5.10 G	5.20 S	5.20 S	5.09 G	5.10 G
17	5.18 SG	5.12 SG	5.10 G	5.10-	5.10 G	5.12 SG	5.09 G	5.26 SG	5.20 SG	5.16 SG	5.14 S
18	5.22 G	5.17 SG	5.15 SG	5.16 SG	5.15 G	5.22 SG	5.23 CS	5.28 SG	5.23 SG	5.29 S	5.16 SG
19	5.30 G	5.26 SG	5.25 SG	5.26 G	5.25 SG	5.27 G	5.33 CS	5.31 S	5.29 SG	5.30 SG	5.27 G
20	5.31 FS	5.26 SG	5.20 SG	5.19	5.20 S	5.29 S	5.44 CS	5.36 S	5.30 S	5.28 S	5.21 SG
21	5.48 BM	5.44 FS	5.49 S	5.40	5.36 S	5.39 S	5.41 CS	5.41 FS	5.38 S	5.41 BM	5.41 M
22	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-
23	6.21-	6.21-	6.21-	6.21-	6.21 BM	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-
24	6.11-	6.11-	6.11-	6.11-	6.10	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-
25	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.3	3.1	2.8	1.7	0.8	2.0	2.7	3.2	3.3	2.7	2.5
BED ELEVATION	5.67	5.77	5.95	6.21	6.32	6.14	5.86	5.66	5.65	5.84	5.96
RIGHT EDGE WATER	21.3	21.5	21.6	21.8	24.8	21.7	21.7	21.4	21.5	21.6	21.5
BED ELEVATION	5.67	5.77	5.68	6.19	6.32	6.14	5.83	5.66	5.65	5.82	5.69

TABLE 3.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0137, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1343	1520	1424	1350	1335	1315	1326	1444	1500	1308	1355
WATER SURFACE(1)	6.22	6.33	6.25	5.96	5.88	5.84	5.68	5.58	5.55	5.60	5.61
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-
1	6.19-	6.18 BM	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-
2	6.11 BM	6.11 BM	6.12 BM	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-
3	5.86 BM	5.88 BM	5.87 BM	5.85 BM	5.80 BM	5.84	5.84-	5.84-	5.29 BM	5.29-	5.29-
4	5.21 BM	5.21 S	5.22 S	5.18 BM	5.03 S	5.04 FS	5.01 BM	5.15 BM	5.04 M	5.10 BM	5.02 BM
5	4.92 S	4.89 SG	4.94 FG	4.92 FG	5.01 SG	4.92 FG	4.91 FG	4.91 SG	4.88 S	4.90 BM	4.91 G
6	5.12 CS	5.08 FG	5.09 FG	5.09 FG	5.18 FG	5.19 FG	5.06 SG	5.15 SG	5.20 S	5.11 SG	5.09 G
7	5.15 SG	5.13 G	5.18 G	5.16 FG	5.26 G	5.23 G	5.21 G	5.20 SG	5.25 SG	5.16 SG	5.21 G
8	5.25 G	5.18 G	5.24 G	5.23 CG	5.27 G	5.24 G	5.24 G	5.26 G	5.26 SG	5.23 G	5.30 G
9	5.14 G	5.15 G	5.16 G	5.13 CG	5.24 G	5.16 G	5.17 G	5.18 G	5.20 S	5.16 G	5.22 G
10	5.12 G	5.15 G	5.14 G	5.14 FG	5.14 G	5.14 FG	5.16 SG	5.16 SG	5.13 S	5.10 S	5.12 SG
11	5.13 G	5.12 G	5.13 G	5.11 FG	5.13 SG	5.13 FG	5.16 SG	5.15 SG	5.11 S	5.10 CS	5.10 S
12	5.11 G	5.12 G	5.12 G	5.09 FG	5.08 G	5.09 G	5.11 SG	5.12 SG	5.10 CS	5.09 S	5.10 S
13	5.09 G	5.10 G	5.12 S	5.07 G	5.08 G	5.09 G	5.06 SG	5.11 S	5.07 CS	5.06 SG	5.06 S
14	5.08 G	5.11 S	5.10 S	5.03 G	5.08 G	5.12 S	5.10 SG	5.15 S	5.05 S	5.07 SG	5.05 SG
15	5.09 G	5.08 G	5.10 S	5.06 G	5.12 SG	5.14 S	5.11 SG	5.15 S	5.15 S	5.12 CS	5.12 S
16	5.10 G	5.16 S	5.10 G	5.09 G	5.18 S	5.24 S	5.10 CG	5.19 S	5.12 S	5.17 S	5.15 S
17	5.10 G	5.13 S	5.10 G	5.15 S	5.28 S	5.19 S	5.25 CS	5.21 SG	5.18 S	5.14 S	5.17 S
18	5.17 G	5.15 G	5.17 G	5.28 S	5.28 S	5.21 SG	5.25 CS	5.23 SG	5.23 S	5.22 CS	5.21 SG
19	5.27 SG	5.18 S	5.35 G	5.44 S	5.37 S	5.36 S	5.28 S	5.28 SG	5.27 SG	5.26 CS	5.28 G
20	5.24 G	5.23 S	5.44 S	5.51 S	5.44 S	5.34 S	5.35 S	5.33 S	5.31 S	5.30 S	5.31 S
21	5.39 BM	5.42 S	5.41 S	5.47 S	5.44 S	5.41 S	5.37 FS	5.38 BM	5.39 S	5.41 FS	5.45 BM
22	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-
23	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-
24	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-
25	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.6	0.7	1.5	2.5	2.6	3.0	3.2	3.2	3.0	3.1	3.1
BED ELEVATION	6.22	6.33	6.25	5.96	5.88	5.84	5.68	5.26	5.29	5.60	5.61
RIGHT EDGE WATER	21.6	21.7	21.6	21.5	21.6	21.6	21.4	21.3	21.4	21.4	21.3
BED ELEVATION	6.22	6.33	6.25	5.73	5.77	5.79	5.68	5.58	5.55	5.60	5.61

TABLE 3.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0137, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 9	5-21
TIME	1521	1212	1113	1236	1327	1240	1224	1740	1550	1201	
WATER SURFACE(1)	5.61	5.62	5.59	5.60	5.57	5.55	5.49	5.43	5.42	5.37	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70
1	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.15
2	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.12-	6.00
3	5.30 BM	5.30-	5.30-	5.30-	5.30-	5.30-	5.30-	5.30-	5.30-	5.30-	5.29
4	5.10 BM	5.11 M	5.08 M	5.05 M	5.07 M	5.02 BM	5.00 M	5.01 M	5.08 M	5.18 BM	5.00
5	4.92 G	4.91 FG	4.96 G	4.93 S	4.91 S	4.94 FG	4.94 SG	4.93 G	4.93 S	4.96 M	4.83
6	5.19 G	5.12 FG	5.15 G	5.13 SG	5.16 SG	5.21 SG	5.19 SG	5.13 SG	5.17 S	5.17 S	4.97
7	5.19 G	5.21 FG	5.25 G	5.20 SG	5.18 G	5.22 SG	5.21 G	5.21 SG	5.22 SG	5.22 SG	5.09
8	5.29 G	5.24 G	5.27 G	5.26 SG	5.23 G	5.25 SG	5.26 G	5.25 G	5.26 G	5.23 SG	5.15
9	5.19 SG	5.19 G	5.19 G	5.17 SG	5.17 G	5.17 SG	5.18 G	5.17 SG	5.21 G	5.17 SG	5.13
10	5.11 S	5.14 S	5.12 S	5.15 S	5.11 S	5.13 S	5.14 S	5.13 SG	5.11 S	5.17 S	5.08
11	5.13 S	5.10 HB	5.12 S	5.14 S	5.12 S	5.12 S	5.11 SG	5.13 SG	5.11 S	5.15 S	5.08
12	5.13 S	5.12 S	5.09 S	5.14 S	5.09 S	5.10 SG	5.11 SG	5.12 SG	5.14 S	5.11 S	5.07
13	5.12 S	5.11 S	5.08 S	5.12 S	5.15 S	5.04 SG	5.07 SG	5.10 S	5.14 S	5.11 S	5.04
14	5.11 S	5.04 G	5.02 SG	5.07 SG	5.16 S	5.08 S	5.08 S	5.13 S	5.12 S	5.12 S	5.02
15	5.10 SG	5.09 G	5.06 SG	5.07 G	5.04 SG	5.07 SG	5.11 S	5.14 S	5.11 S	5.10 S	5.04
16	5.10 SG	5.09 G	5.09 SG	5.07 SG	5.08 SG	5.10 SG	5.14 S	5.15 S	5.14 S	5.12 S	5.06
17	5.14 SG	5.11 FG	5.11 SG	5.11 SG	5.10 SG	5.12 S	5.12 S	5.14 S	5.13 S	5.17 S	5.09
18	5.22 CS	5.22 FG	5.19 FG	5.21 FG	5.18 SG	5.20 G	5.20 G	5.18 SG	5.17 G	5.20 SG	5.15
19	5.29 CS	5.29 FG	5.28 FG	5.27 FG	5.27 SG	5.28 G	5.28 G	5.27 SG	5.27 G	5.27 SG	4.98
20	5.31 S	5.32 G	5.31 S	5.30 S	5.30 S	5.31 FS	5.30 FS	5.29 S	5.28 SG	5.27 S	5.10
21	5.40 BM	5.40 M	5.45 BM	5.40 M	5.41 M	5.43 FS	5.41 BM	5.43 M	5.42 BM	5.42-	5.16
22	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.40-	6.12
23	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.21-	6.20
24	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-	6.10-	6.08
25	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.33-	6.32
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.0	3.6	3.5	3.2	3.3	3.3	3.4	3.4	3.4	3.6	
BED ELEVATION	5.30	5.24	5.28	5.27	5.23	5.27	5.28	5.22	5.17	5.23	
RIGHT EDGE WATER	21.3	21.3	21.2	21.3	21.3	21.3	21.1	21.0	21.0	20.7	
BED ELEVATION	5.61	5.62	5.59	5.60	5.57	5.55	5.49	5.43	5.42	5.37	

(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 4.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0220, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1220	1715	1414	1227	900	1458	913	1002	915	908
WATER SURFACE(1)	6.29	6.48	6.62	6.60	6.60	6.87	6.73	6.49	6.07	5.88
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	6.73+	6.73+	6.73+	6.73+	6.73+	6.73	6.73	6.73-	6.73-	6.73-
1	6.56+	6.56+	6.56 BM	6.59 BM	6.59-	6.56 BM	6.56 BM	6.56-	6.56-	6.56-
2	6.33+	6.33 BM	6.37 BM	6.32 BM	6.33 BM	6.32 BM	6.31 BM	6.37 BM	6.37-	6.37-
3	5.50	5.48 M	5.56 BM	5.56 BM	5.63 BM	5.67 BM	5.70 BM	5.76 BM	5.69 BM	5.63 M
4	5.34	5.30 G	5.27 G	5.31 G	5.28 G	5.31 SG	5.28 SG	5.31 G	5.31 HB	5.28 G
5	5.34	5.30 G	5.28 G	5.34 G	5.28 G	5.32 G	5.26 G	5.31 G	5.36 HB	5.33 G
6	5.39	5.43 G	5.35 G	5.51 G	5.38 G	5.39 G	5.35 G	5.37 G	5.41 G	5.38 G
7	5.41	5.43 G	5.37 G	5.39 G	5.38 G	5.38 G	5.37 G	5.38 G	5.42 G	5.42 G
8	5.43	5.43 G	5.39 G	5.47 G	5.43 G	5.42 G	5.39 G	5.42 G	5.44 G	5.43 G
9	5.44	5.43 G	5.39 G	5.41 G	5.39 G	5.41 G	5.36 G	5.39 G	5.42 G	5.40 G
10	5.39	5.41 G	5.35 G	5.36 G	5.35 G	5.37 G	5.34 G	5.37 G	5.40 G	5.38 G
11	5.39	5.41 G	5.38 G	5.40 G	5.39 G	5.38 G	5.36 G	5.37 G	5.40 G	5.38 G
12	5.37	5.34 G	5.32 G	5.25 G	5.32 G	5.33 G	5.31 G	5.34 G	5.36 G	5.34 G
13	5.36	5.33 G	5.29 G	5.30 G	5.33 G	5.30 G	5.27 G	5.31 G	5.31 G	5.33 G
14	5.41	5.30 SG	5.29 S	5.30 FG	5.25 G	5.32 SG	5.26 SG	5.29 G	5.29 G	5.28 FG
15	5.39	5.38 S	5.30 S	5.39 S	5.32 S	5.38 S	5.31 S	5.30 S	5.27 SG	5.23 SG
16	5.41	5.37 S	5.33 S	5.26 S	5.34 S	5.37 S	5.31 S	5.28 S	5.29 S	5.28 CS
17	5.32	5.33 S	5.23 S	5.38 S	5.36 S	5.37 S	5.35 S	5.27 S	5.25 S	5.28 S
18	5.21	5.28 S	5.24 S	5.30 S	5.23 S	5.30 S	5.25 S	5.28 S	5.19 S	5.16 S
19	5.31	5.28 S	5.18 S	5.31 S	5.22 S	5.27 S	5.23 S	5.23 S	5.19 S	5.12 S
20	5.56	5.23 S	5.29 S	5.31 BM	5.28 S	5.32 S	5.26 S	5.35 S	5.23 S	5.20 S
21	5.87	5.90 M	5.77 M	5.88 BM	5.75 BM	5.90 BM	5.76 M	5.86 S	6.00 M	6.00-
22	6.36+	6.36	6.55 M	6.51 BM	6.53 BM	6.42 BM	6.49 BM	6.49	6.49-	6.49-
23	6.72+	6.72+	6.72+	6.72+	6.72+	6.72 BM	6.71 BM	6.71-	6.71-	6.71-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	2.2	1.7	0.9	0.7	1.2	< 0.0	0.0	1.8	2.9	2.8
BED ELEVATION	6.29	6.48	6.62	6.60	6.60		6.73	6.49	6.07	5.78
RIGHT EDGE WATER	21.7	22.0	22.4	22.2	>22.0	>23.0	>23.0	22.0	21.5	20.4
BED ELEVATION	6.29	6.36	6.62	6.60				6.49	6.07	5.48

TABLE 4.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0220, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1355	1413	1534	1333	1210	1325	1234	1433	1430	1342	1400
WATER SURFACE(1)	5.74	5.84	6.03	6.27	6.38	6.21	5.96	5.75	5.74	5.92	6.05
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-
1	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-
2	6.37-	6.37-	6.37-	6.37-	6.35 BM	6.35-	6.35-	6.35-	6.35-	6.35-	6.35-
3	5.70 BM	5.70 BM	5.67 BM	5.72 BM	5.63 BM	5.66 BM	5.64 BM	5.65 M	5.69 BM	5.68 BM	5.85 BM
4	5.31 CG	5.30 G	5.32 CG	5.31 G	5.30 G	5.31 G	5.31 SG	5.32 G	5.32 G	5.32 G	5.33 G
5	5.37 CG	5.34 G	5.34 CG	5.31 G	5.33 G	5.33 G	5.32 G	5.31 G	5.36 G	5.35 G	5.38 G
6	5.42 CG	5.39 G	5.39 CG	5.39 G	5.39 G	5.37 G	5.38 G	5.39 G	5.42 G	5.42 G	5.38 G
7	5.44 CG	5.43 G	5.41 CG	5.39 G	5.40 G	5.37 G	5.41 G	5.40 G	5.44 G	5.42 G	5.38 G
8	5.43 CG	5.44 G	5.47 CG	5.42 G	5.46 G	5.43 G	5.43 G	5.42 G	5.44 G	5.45 CG	5.41 G
9	5.42 CG	5.41 G	5.42 CG	5.39 SG	5.42 G	5.41 G	5.41 G	5.40 G	5.43 G	5.41 CG	5.42 G
10	5.42 CG	5.39 G	5.41 CG	5.37 SG	5.40 G	5.41 G	5.39 G	5.39	5.41 G	5.40 G	5.39 G
11	5.39 CG	5.40 G	5.40 CG	5.39 G	5.42 G	5.39 G	5.41 G	5.41 G	5.41 G	5.40 G	5.41 G
12	5.34 CG	5.34 G	5.38 CG	5.35 G	5.48 CS	5.36 G	5.36 G	5.35 G	5.37 G	5.36 G	5.39 SG
13	5.31 G	5.30 G	5.30 CG	5.37 S	5.46 CS	5.35 SG	5.33 S	5.33 SG	5.32 FG	5.34 G	5.33 S
14	5.29 G	5.28 G	5.29 CG	5.33 S	5.39 S	5.36 S	5.37 S	5.32 CS	5.32 SG	5.32 FG	5.37 S
15	5.25 FG	5.25 FG	5.28 CS	5.25 S	5.44 S	5.43 S	5.39 S	5.35 CS	5.32 SG	5.32 FG	5.29 S
16	5.25 CS	5.19 CS	5.22 CS	5.27 S	5.33 S	5.47 S	5.31 S	5.30 S	5.31 SG	5.34 S	5.32 S
17	5.32 CS	5.25 CS	5.23 S	5.27 S	5.39 S	5.41 S	5.23 S	5.32 S	5.30 SG	5.24 S	5.18 S
18	5.31 S	5.14 S	5.18 S	5.27 S	5.32 S	5.11 SG	5.31 S	5.20 S	5.30 SG	5.25 S	5.18 S
19	5.12 SG	5.13 S	5.13 S	5.21 S	5.22 SG	5.18 S	5.23 S	5.23 S	5.21 SG	5.21 S	5.14 S
20	5.14 SG	5.15 BM	5.16 FS	5.22 S	5.22 S	5.23 S	5.21 S	5.16 S	5.16 SG	5.17 S	5.20 SG
21	6.00-	5.84	5.99 FS	5.92 S	5.82 BM	5.79 S	5.84 FS	5.75 M	5.75-	5.88 S	5.79 FS
22	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-
23	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.9	2.8	2.8	2.5	1.8	2.5	2.8	2.8	2.9	2.7	2.7
BED ELEVATION	5.74	5.84	5.98	6.27	6.38	6.21	5.81	5.75	5.74	5.92	5.81
RIGHT EDGE WATER	20.4	21.0	21.4	21.6	21.9	21.6	21.3	21.0	20.7	21.4	21.4
BED ELEVATION	5.41	5.84	6.03	6.27	6.38	6.21	5.96	5.75	5.74	5.92	5.96

TABLE 4.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0220, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1345	1315	1425	1345	1330	1308	1321	1437	1446	1305	1354
WATER SURFACE(1)	6.29	6.40	6.32	6.05	5.97	5.93	5.76	5.66	5.62	5.68	5.68
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-
1	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-
2	6.28 BM	6.30 BM	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-
3	5.74 S	5.44 S	5.41 M	5.54 BM	5.51 BM	5.48 S	5.46	5.59 BM	5.42 M	5.47 BM	5.41 BM
4	5.29 G	5.30	5.31 G	5.30 CG	5.33 G	5.32 G	5.31 G	5.32 G	5.32 G	5.30 G	5.31 G
5	5.34 G	5.33 G	5.33 G	5.35 CG	5.37 G	5.37 G	5.36 G	5.40 G	5.40 G	5.39 G	5.37 G
6	5.39 G	5.40 G	5.36 G	5.41 CG	5.43 G	5.41 G	5.40 G	5.43 G	5.42 G	5.42 G	5.43 G
7	5.37 G	5.41 G	5.38 G	5.43 CG	5.44 G	5.44 G	5.44 G	5.44 G	5.45 G	5.46 G	5.45 G
8	5.41 G	5.44 G	5.41 G	5.43 CG	5.46 G	5.46 G	5.44 CG	5.46 G	5.44 G	5.46 G	5.46 G
9	5.40 G	5.40 G	5.40 G	5.42 CG	5.42 G	5.43 G	5.43 CG	5.44 G	5.44 G	5.44 G	5.44 G
10	5.40 G	5.39 G	5.40 G	5.41 CG	5.40 G	5.42 G	5.41 CG	5.43 G	5.42 G	5.43 G	5.42 G
11	5.39 SG	5.40 SG	5.37 G	5.41 CG	5.42 G	5.41 G	5.41 CG	5.42 G	5.41 G	5.40 G	5.42 G
12	5.36 G	5.42 S	5.35 SG	5.35 CG	5.37 G	5.38 G	5.34 G	5.36 G	5.38 G	5.37 G	5.35 G
13	5.35 S	5.40 SG	5.29 S	5.33 CG	5.34 G	5.32 FG	5.33 FG	5.34 FG	5.33 FG	5.34 G	5.33 FG
14	5.33 S	5.40 S	5.36 S	5.32 CS	5.34 S	5.31 FG	5.32 FG	5.34 SG	5.32 FG	5.33 FG	5.33 SG
15	5.24 S	5.39 S	5.37 S	5.36 CS	5.42 S	5.33 SG	5.33 SG	5.33 SG	5.31 FG	5.30 FG	5.30 SG
16	5.24 S	5.42 S	5.45 S	5.33 CS	5.37 S	5.31 S	5.33 SG	5.32 SG	5.27 FG	5.28 FG	5.26 SG
17	5.19 S	5.35 S	5.45 S	5.31 S	5.27 S	5.28 S	5.28 CS	5.25 SG	5.22 SG	5.18 FG	5.17 SG
18	5.14 S	5.22 S	5.29 S	5.28 S	5.17 S	5.21 S	5.23 CS	5.22 CS	5.17 CS	5.18 FG	5.17 S
19	5.21 S	5.30 S	5.27 S	5.22 S	5.28 S	5.17 SG	5.14 S	5.17 S	5.15 SG	5.17 G	5.14 SG
20	5.24 S	5.35 S	5.28 S	5.23 BM	5.22 S	5.18 S	5.19 FS	5.22 S	5.22 S	5.21 BM	5.16 SG
21	5.81 FS	5.86 BM	5.83 BM	5.96 BM	5.96 BM	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-
22	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-
23	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.8	1.7	2.2	2.6	2.6	2.6	2.9	2.9	2.8	2.9	2.8
BED ELEVATION	6.29	6.40	6.32	6.05	5.92	5.84	5.67	5.66	5.62	5.68	5.68
RIGHT EDGE WATER	21.7	21.9	21.6	21.4	21.3	20.7	20.3	20.3	20.2	20.2	20.3
BED ELEVATION	6.29	6.38	6.32	6.05	5.97	5.93	5.76	5.31	5.30	5.30	5.33

TABLE 4.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0220, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 9	5-21
TIME	1515	1202	1108	1228	1327	1230	1220	1735	1542	1142	
WATER SURFACE(1)	5.68	5.70	5.67	5.68	5.65	5.63	5.56	5.48	5.47	5.40	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73
1	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56
2	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.30-	6.28
3	5.49 BM	5.48 M	5.42 M	5.41 M	5.49 BM	5.45 BM	5.44 M	5.48 M	5.47 BM	5.47-	5.12
4	5.30 G	5.30 G	5.29 G	5.31 G	5.32 G	5.32 G	5.31 G	5.29 G	5.29 G	5.30 G	5.03
5	5.36 G	5.37 G	5.38 G	5.35 SG	5.38 G	5.38 G	5.40 G	5.35 G	5.37 G	5.35 G	4.90
6	5.40 G	5.42 G	5.42 G	5.39 G	5.43 G	5.43 G	5.43 G	5.41 G	5.42 G	5.42-	5.27
7	5.43 G	5.43 G	5.45 G	5.43 G	5.44 SG	5.44 SG	5.45 SG	5.43 SG	5.43 G	5.43-	4.76
8	5.46 G	5.44 G	5.46 G	5.44 G	5.44 SG	5.43 SG	5.46 SG	5.45 SG	5.44 G	5.44-	4.90
9	5.42 G	5.42 G	5.44 G	5.42 FG	5.44 SG	5.43 SG	5.44 SG	5.42 SG	5.44 SG	5.44-	4.86
10	5.40 G	5.41 G	5.43 G	5.40 SG	5.42 SG	5.43 SG	5.43 SG	5.41 SG	5.42 SG	5.42-	4.81
11	5.41 G	5.41 G	5.40 G	5.42 SG	5.39 SG	5.40 SG	5.40 SG	5.40 SG	5.41 SG	5.39 SG	4.87
12	5.36 G	5.37 G	5.37 S	5.35 SG	5.35 SG	5.37 SG	5.37 SG	5.35 SG	5.36 SG	5.35 SG	4.97
13	5.31 G	5.33 FG	5.33 SG	5.32 SG	5.33 S	5.33 SG	5.34 SG	5.32 SG	5.32 FG	5.32 SG	5.13
14	5.30 FG	5.31 FG	5.31 S	5.30 S	5.32 S	5.30 SG	5.31 SG	5.30 SG	5.31 FG	5.28 SG	5.15
15	5.28 FG	5.30 SG	5.29 S	5.30 S	5.31 S	5.26 SG	5.26 SG	5.27 SG	5.27 FG	5.24 SG	4.97
16	5.23 FG	5.22 SG	5.24 S	5.28 S	5.28 S	5.25 S	5.20 S	5.19 SG	5.22 FG	5.17 SG	5.08
17	5.18 SG	5.19 SG	5.22 S	5.17 S	5.25 S	5.25 S	5.20 S	5.24 SG	5.15 SG	5.15 SG	5.03
18	5.12 S	5.17 S	5.21 S	5.23 S	5.22 S	5.22 S	5.21 S	5.11 SG	5.12 G	5.11 SG	5.08
19	5.15 S	5.15 SG	5.16 S	5.15 S	5.23 S	5.17 S	5.16 S	5.11 SG	5.10 G	5.09 SG	5.09
20	5.17 S	5.18 G	5.17 S	5.14 SG	5.14 SG	5.13 SG	5.15 SG	5.12 SG	5.15 G	5.13 SG	5.12
21	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-	5.14
22	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.36
23	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.8	2.6	3.0	2.9	2.9	2.8	2.9	3.0	3.0	3.2	
BED ELEVATION	5.68	5.70	5.42	5.54	5.65	5.63	5.56	5.48	5.47	5.40	
RIGHT EDGE WATER	20.2	20.2	20.1	20.2	20.3	20.3	20.3	20.7	20.3	20.3	
BED ELEVATION	5.30	5.31	5.26	5.31	5.29	5.28	5.29	5.48	5.15	5.24	
LEFT EDGE BAR										5.9	
BED ELEVATION										5.40	
RIGHT EDGE BAR										10.4	
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.
+ 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 0301, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1230	1700	1400	1218	908	1443	924	1010	923	914
WATER SURFACE(1)	6.35	6.55	6.70	6.67	6.67	6.94	6.82	6.54	6.09	5.91
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
1	6.84+	6.84+	6.84+	6.84+	6.84+	6.84 BM	6.82	6.82-	6.82-	6.82-
2	6.60+	6.60+	6.60 BM	6.67	6.65 BM	6.63 BM	6.64 BM	6.64-	6.64-	6.64-
3	5.83	6.05 BM	5.81 BM	5.94 BM	5.92 BM	5.94 BM	6.07 BM	6.00 BM	6.09 BM	5.86 BM
4	4.87	4.81 S	4.70 G	4.63 HB	4.66 HB	4.64 HB	4.67 HB	4.67 HB	4.66 HB	4.66 G
5	4.58	4.57 CG	4.56 G	4.53 8	4.54 HB	4.54 HB	4.52 HB	4.53 G	4.54 HB	4.50 G
6	4.69	4.61 CG	4.57 G	4.57 G	4.51 HB	4.59 G	4.52 HB	4.52 SG	4.49 HB	4.51 G
7	4.85	4.83 CG	4.77 G	4.71 G	4.70 G	4.74 G	4.70 G	4.67 G	4.74 HB	4.71 G
8	4.89	4.77 CG	4.87 G	4.91 G	4.85 G	4.89 G	4.83 G	4.85 G	4.85 HB	4.94 SG
9	4.95	4.89 G	4.90 G	4.91 G	4.89 G	4.94 G	4.89 G	4.94 SG	5.00 SG	5.06 S
10	4.98	4.97 CS	5.02 G	5.02 G	4.98 G	5.04 SG	5.00 SG	5.01 SG	5.14 S	5.18 S
11	5.05	5.13 S	5.10 G	5.12 G	5.10 G	5.09 G	5.10 SG	5.08 SG	5.17 S	5.31 S
12	5.17	5.15 S	5.25 S	5.21 G	5.20 S	5.19 G	5.17 SG	5.18 SG	5.21 S	5.26 S
13	5.23	5.17 S	5.25 S	5.19 S	5.22 5	5.26 5	5.24 S	5.22 S	5.40 5	5.36 S
14	5.33	5.33 G	5.30 SG	5.35 G	5.31 S	5.34 G	5.31 SG	5.32 S	5.43 S	5.36 S
15	5.64	5.23 S	5.39 M	5.71 BM	5.39 G	5.48 BM	5.39 M	5.40 S	5.49 S	5.50 5
16	6.15	6.15 BM	6.10 BM	6.67 BM	6.66 BM	6.68 BM	6.69 BM	6.69-	6.69-	6.69-
17	6.73+	6.73+	6.73+	6.73+	6.73+	6.73 BM	6.74 BM	6.74-	6.74-	6.74-
18	6.71+	6.71+	6.71+	6.71+	6.71+	6.71 BM	6.72 BM	6.72-	6.72-	6.72-
19	6.59+	6.59+	6.59+	6.59 BM	6.61 BM	6.55 BM	6.59 BM	6.59-	6.59-	6.59-
20	6.59+	6.59+	6.59+	6.59 BM	6.54 BM	6.52 BM	6.51 BM	6.51-	6.51-	6.51-
21	6.69+	6.69+	6.69+	6.69+	6.69+	6.69 BM	6.70 BM	6.70-	6.70-	6.70-
22	6.75+	6.75+	6.75+	6.75+	6.75+	6.75 BM	6.76 BM	6.76-	6.76-	6.76-
23	6.76+	6.76+	6.76+	6.76+	6.76+	6.76 BM	6.76 BM	6.76-	6.76-	6.76-
24	6.15	6.25 5	6.28 S	6.25 S	6.23 S	6.28 S	6.31 S	6.25 S	6.25-	6.25-
25	6.14	6.17 S	6.15 5	6.19 S	6.18 5	6.25 S	6.29 S	6.20 S	6.20-	6.20-
26	6.05	5.93 S	6.00 S	5.99 S	5.95 5	6.04 S	6.10 S	6.10 S	6.10-	6.10-
27	6.06	5.87 S	5.80 S	5.82 5	5.82 S	5.96 S	5.97 5	5.90 S	5.90-	5.90-
28	6.53+	6.53 S	6.50 BM	6.47 BM	6.49 BM	6.10 S	5.87 S	5.98 M	5.98-	5.98-
29	6.62+	6.62+	6.62 BM	6.62 BM	6.61 BM	6.62 BM	6.61 BM	6.61-	6.61-	6.61-
30	6.60+	6.60+	6.60 BM	6.61 BM	6.62 BM	6.62 BM	6.59	6.59-	6.59-	6.59-
31	6.60+	6.60+	6.60 BM	6.62 BM	6.59 BM	6.58 BM	6.59	6.59-	6.59-	6.59-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	2.5	2.5	1.8	2.0	1.8	1.7	1.0	2.2	3.0	3.0
BED ELEVATION	6.35	6.55	6.70	6.67	6.67	6.94	6.82	6.54	6.09	5.86
RIGHT EDGE WATER	27.7	28.5	31.5	31.5	31.5	>31.0	>32.0	28.6	15.8	15.5
BED ELEVATION	6.35	6.55	6.70	6.67	6.67			6.54	6.09	5.91
LEFT EDGE BAR	16.1	16.1	16.3	16.0	16.0			15.7		
BED ELEVATION	6.35	6.55	6.70	6.67	6.66			6.54		
RIGHT EDGE BAR	23.6	23.5	23.2	23.4	23.4			23.5		
BED ELEVATION	6.35	6.55	6.70	6.67	6.67			6.54		

TABLE 5.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0301, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1345	1400	1536	1330	1207	1319	1230	1425	1425	1345	1343
WATER SURFACE(1)	5.77	5.87	6.08	6.34	6.45	6.27	6.00	5.78	5.76	5.97	6.11
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-
2	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-
3	5.77 BM	5.76 BM	5.81 BM	5.81 BM	5.75 BM	5.94 BM	6.00 BM	6.00-	6.00-	5.97 BM	6.11 BM
4	4.62 HB	4.66 HB	4.68 HB	4.67 HB	4.65 HB	4.87 S	4.66 HB	4.66 HB	4.66 HB	4.67 HB	4.68 HB
5	4.49 HB	4.52 HB	4.56 HB	4.53 HB	4.53 G	4.54 G	4.54 HB	4.50 G	4.51 G	4.57 G	4.53 G
6	4.55 G	4.69 S	4.64 SG	4.72 CS	4.55 G	4.54 G	4.50 HB	4.53 G	4.54 G	4.47 S	4.72 S
7	4.85 S	4.95 S	4.85 S	4.95 CS	4.75 G	4.73 G	4.72 SG	4.91 S	4.91 S	4.88 S	4.99 S
8	5.01 S	5.10 S	5.04 S	5.02 CS	5.00 S	4.94 S	5.02 S	5.15 S	5.18 S	5.16 S	5.17 S
9	5.07 S	5.15 CS	5.14 S	5.16 CS	5.11 S	5.13 S	5.22 S	5.26 S	5.27 S	5.32 S	5.21 S
10	5.16 S	5.21 CS	5.24 S	5.07 CS	5.18 S	5.30 S	5.27 S	5.32 S	5.30 S	5.37 S	5.40 S
11	5.30 S	5.27 CS	5.24 S	5.16 CS	5.27 S	5.37 S	5.36 S	5.35 S	5.40 S	5.27 S	5.36 S
12	5.35 S	5.35 CS	5.29 S	5.23 CS	5.31 S	5.30 S	5.41 S	5.33 S	5.38 S	5.32 S	5.31 S
13	5.41 S	5.41 CS	5.27 S	5.27 CS	5.39 S	5.29 S	5.50 S	5.37 S	5.41 S	5.34 S	5.31 S
14	5.41 S	5.42 CS	5.35 S	5.30 SG	5.40 S	5.43 S	5.44 S	5.38 S	5.42 S	5.43 S	5.41 S
15	5.47 S	5.48 FS	5.48 S	5.42 S	5.43 S	5.54 S	5.50 S	5.52 S	5.50 S	5.58 S	5.51 S
16	6.69-	6.69-	5.90 BM	5.90-	5.90-	5.90-	5.88 BM	5.88-	5.88-	5.88-	5.90 BM
17	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-
18	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-
19	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
20	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-
21	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-
22	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-
23	6.76-	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-	6.24	6.20 S	6.19 S	6.19-	6.19-	6.19-	6.19-	6.19-
25	6.20-	6.20-	6.20-	6.18	6.11 S	6.13 S	6.13-	6.13-	6.13-	6.13-	6.13-
26	6.10-	6.10-	6.10-	6.08	6.10 S	6.06 S	6.06-	6.06-	6.06-	6.06-	6.05 S
27	5.90-	5.90-	5.90-	5.93	5.95 S	5.93 S	5.93-	5.93-	5.93-	5.93-	5.96 S
28	5.98-	5.98-	5.98-	6.27	5.99 M	5.97 S	5.97-	5.97-	5.97-	5.97-	6.06 S
29	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-
30	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
31	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.0	3.0	2.9	2.4	2.5	2.6	3.0	3.1	3.2	3.0	3.0
BED ELEVATION	5.77	5.76	6.08	6.13	6.45	6.16	6.00	5.78	5.76	5.97	6.11
RIGHT EDGE WATER	15.5	15.5	16.0	28.1	28.2	28.2	16.0	15.5	15.5	15.8	28.0
BED ELEVATION	5.77	5.51	5.90	6.34	6.45	6.09	5.88	5.78	5.76	5.97	6.06
LEFT EDGE BAR				15.7	15.8	15.7					16.0
BED ELEVATION				6.04	6.45	6.00					5.90
RIGHT EDGE BAR				23.5	23.5	23.7					23.6
BED ELEVATION				6.34	6.45	6.27					6.11

TABLE 5.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0301, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1330	1510	1412	1340	1330	1219	1311	1428	1437	1251	1345
WATER SURFACE(1)	6.36	6.46	6.38	6.10	6.01	5.97	5.79	5.68	5.64	5.71	5.72
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
1	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-
2	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-
3	6.04 BM	5.83 BM	5.76 BM	5.88 BM	5.89 BM	5.97 BM	5.97-	5.97-	5.97-	5.97-	5.97-
4	4.66 HB	4.62 HB	4.66 HB	4.65 HB	4.64 HB	4.67 HB	4.65 HB	4.65 HB	4.64 HB	4.65 HB	4.65 HB
5	4.51 HB	4.56 G	4.58 G	4.51 G	4.48 G	4.49 G	4.49 G	4.49 HB	4.65 S	4.72 S	4.82 S
6	4.72 G	4.58 G	4.63 G	4.55 CG	4.54 G	4.55 SG	4.62 S	4.79 S	5.00 S	4.93 S	5.07 S
7	4.89 FG	4.84 FG	4.78 G	4.81 CG	4.80 S	4.80 SG	4.91 S	5.08 S	5.22 S	5.18 S	5.17 S
8	5.07 FG	4.96 FG	4.95 FG	5.00 CS	5.01 S	4.99 SG	5.07 S	5.15 S	5.28 S	5.39 S	5.30 S
9	5.29 SG	5.16 S	5.10 S	5.17 CS	5.11 S	5.17 S	5.25 S	5.21 S	5.27 S	5.39 S	5.30 S
10	5.16 SG	5.16 S	5.09 S	5.22 CS	5.31 S	5.32 S	5.26 S	5.30 S	5.32 S	5.38 S	5.36 S
11	5.33 S	5.16 S	5.13 G	5.25 CS	5.29 S	5.34 S	5.32 S	5.32 S	5.33 FS	5.33 S	5.47 S
12	5.31 S	5.26 S	5.26 SG	5.37 CS	5.25 S	5.39 S	5.32 S	5.35 S	5.35 S	5.33 S	5.40 S
13	5.39 S	5.31 S	5.33 S	5.40 S	5.31 S	5.47 S	5.38 S	5.37 S	5.37 SG	5.38 S	5.48 S
14	5.43 S	5.36 S	5.43 S	5.42 S	5.37 S	5.37 S	5.40 S	5.37 S	5.39 S	5.40 S	5.51 S
15	5.45 G	5.43 S	5.44 SG	5.51 S	5.45 S	5.45 S	5.45 G	5.46 SG	5.50 SG	5.45 SG	5.45 G
16	5.89 BM	5.86 BM	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-
17	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-
18	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-
19	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
20	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-	6.51-
21	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-
22	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-
23	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-
24	6.16 S	6.16 S	6.18 S	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-
25	6.06 S	6.11 S	6.15 S	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-
26	6.11 S	6.06 S	6.08 S	6.07 S	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-
27	5.97 S	5.93 S	5.95 S	5.97 S	5.96 S	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-
28	5.98 S	6.06 BM	6.08 S	6.08-	6.08-	6.08-	6.08-	6.08-	6.08-	6.08-	6.08-
29	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-
30	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
31	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.4	2.5	2.5	2.8	3.0	3.0	3.1	3.2	3.2	3.3	3.2
BED ELEVATION	6.13	6.08	6.08	6.10	5.89	5.97	5.78	5.68	5.64	5.71	5.72
RIGHT EDGE WATER	28.2	28.3	28.2	27.9	27.9	15.7	15.6	15.6	15.5	15.6	15.7
BED ELEVATION	6.11	6.40	6.23	6.10	5.96	5.97	5.62	5.61	5.64	5.61	5.61
LEFT EDGE BAR	16.1	16.1	15.8	15.7	15.9						
BED ELEVATION	6.16	6.16	5.92	6.00	5.89						
RIGHT EDGE BAR	23.6	23.5	23.5	25.5	26.1						
BED ELEVATION	6.36	6.46	6.38	6.10	6.01						

TABLE 5.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0301, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 9	5-21
TIME	1505	1155	1106	1220	1315	1224	1213	1730	1535	1122	
WATER SURFACE(1)	5.73	5.75	5.72	5.74	5.70	5.68	5.60	5.52	5.51	5.43	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
1	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82
2	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.60
3	5.97-	5.97-	5.97-	5.97-	5.97-	5.97-	5.97-	5.97-	5.97-	5.97-	5.23
4	4.76 HB	4.65 HB	4.64 HB	4.65 HB	4.65 HB	4.67 HB	4.68 HB	4.64 HB	4.66 HB	4.62 HB	4.60
5	4.76 S	4.58 S	4.71 S	4.64 S	4.65 CS	4.67 S	4.61 S	4.63 S	4.61 S	4.59 S	4.48
6	4.98 S	5.03 S	5.06 S	5.05 S	5.08 CS	5.10 S	5.14 S	5.13 SG	5.14 S	4.98 S	4.47
7	5.18 S	5.25 S	5.30 S	5.16 S	5.26 CS	5.27 S	5.31 S	5.35 SG	5.36 S	5.18 S	4.67
8	5.26 S	5.25 S	5.19 S	5.24 S	5.39 CS	5.33 S	5.35 S	5.35 SG	5.36 S	5.28 S	4.77
9	5.31 S	5.29 S	5.28 S	5.29 S	5.38 CS	5.28 S	5.38 S	5.31 SG	5.32 S	5.38 S	4.89
10	5.31 S	5.36 S	5.40 S	5.32 S	5.38 CS	5.33 S	5.37 S	5.36 SG	5.36 S	5.39 S	4.97
11	5.40 S	5.36 S	5.34 S	5.31 S	5.36 CS	5.38 S	5.36 S	5.39 SG	5.38 S	5.38 S	5.02
12	5.38 S	5.34 S	5.47 S	5.29 S	5.41 CS	5.39 S	5.38 S	5.39 S	5.39 S	5.37 S	5.03
13	5.41 S	5.55 S	5.42 S	5.34 S	5.41 S	5.41 S	5.40 S	5.43 S	5.42 S	5.33 S	4.96
14	5.51 S	5.55 S	5.54 S	5.50 S	5.41 S	5.46 S	5.41 S	5.38 S	5.37 S	5.33 G	5.21
15	5.49 S	5.54 S	5.56 S	5.52 S	5.50 S	5.47 S	5.48 S	5.46 FS	5.42 S	5.43 G	5.23
16	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-	5.86-	5.86
17	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.74-	6.73
18	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.72-	6.71
19	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	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	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.69
22	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.75
23	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76
24	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	6.18-	5.25
25	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-	5.26
26	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	6.07-	5.24
27	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-	5.96-	5.17
28	6.08-	6.08-	6.08-	6.08-	6.08-	6.08-	6.08-	6.08-	6.08-	6.08-	5.87
29	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61
30	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59
31	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.58
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.7	3.5	3.8	
BED ELEVATION	5.73	5.75	5.72	5.74	5.70	5.68	5.60	5.52	5.51	4.67	
RIGHT EDGE WATER	15.6	15.5	15.4	15.6	15.6	15.6	15.5	15.4	15.3	15.0	
BED ELEVATION	5.73	5.61	5.62	5.70	5.69	5.68	5.56	5.52	5.51	5.43	

(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 6.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0421, EAST FORK RIVER, WYOMING, 1979

DATE	5-15	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1120	1235	1700	1405	1215	922	1431	941	1020	935	925
WATER SURFACE(1)	5.72	6.43	6.63	6.78	6.77	6.77	7.01	6.93	6.66	6.24	6.09
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.46*	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-
1	6.77*	6.77-	6.77-	6.67	6.77	6.77-	6.69	6.69-	6.69-	6.69-	6.69-
2	5.71*	5.73	5.72 BM	5.63 S	5.67 SG	6.29 BM	5.71 HB	5.89 BM	5.72 BM	5.71 HB	5.74 HB
3	5.32 HB	5.28	5.28 HB	5.29 HB	5.27 HB	5.29 HB	5.27 HB	5.25 HB	5.28 HB	5.30 HB	5.34 HB
4	5.32 HB	5.27	5.26 HB	5.25 HB	5.27 HB	5.23 HB	5.23 HB	5.21 HB	5.23 HB	5.26 HB	5.28 HB
5	5.42	5.29	5.28 HB	5.28 HB	5.27 HB	5.27 HB	5.28 HB	5.24 HB	5.25 HB	5.29 HB	5.33 HB
6	5.42	5.28	5.24 HB	5.23 HB	5.20 HB	5.21 HB	5.21 HB	5.21 HB	5.22 HB	5.27 HB	5.25 HB
7	5.30	5.24	5.21 HB	5.23 HB	5.19 HB	5.20 HB	5.21 HB	5.21 HB	5.22 HB	5.23 HB	5.29 S
8	5.48	5.35	5.33 FG	5.27 G	5.35 G	5.26 G	5.35 G	5.28 G	5.28 G	5.44 S	5.44 S
9	5.57+	5.57	5.63 FG	5.62 G	5.61 G	5.49 G	5.57 G	5.38 G	5.48 G	5.62 S	5.65 SG
10	5.83+	5.83	5.81 FG	5.79 FG	5.81 G	5.79 G	5.78 G	5.74 G	5.79 G	5.82 SG	5.84 SG
11	5.88*	5.93	5.88 FG	5.86 FG	5.87 G	5.85 G	5.86 G	5.85 G	5.88 SG	5.89 SG	5.89 SG
12	5.90*	5.92	5.91 FG	5.88 G	5.90 G	5.90 G	5.89 G	5.88 G	5.94 SG	5.92 SG	5.90 SG
13	5.87*	5.91	5.85 FG	5.84 G	5.85 SG	5.84 G	5.80 G	5.83 SG	5.91 S	5.85 SG	5.84 SG
14	5.87*	5.92	5.85 FG	5.86 SG	5.81 S	5.85 S	5.84 G	5.86 S	5.93 S	5.86 SG	5.86 SG
15	5.85*	5.90	5.78 S	5.82 S	5.81 SG	5.85 S	5.94 S	5.90 S	6.00 S	5.88 S	5.84 SG
16	5.82*	5.84	5.85 S	5.88 S	5.91 SG	5.94 SG	6.05 S	5.96 S	6.05 S	5.87 S	5.82 S
17	5.72*	5.84	5.88 S	5.88 S	5.97 S	6.00 SG	6.03 S	6.10 S	6.14 S	5.82 S	5.75 S
18	5.52	5.57	5.95 S	5.97 S	6.05 S	6.00 S	6.13 S	6.09 S	5.98 S	5.85 S	5.84 S
19	5.54	5.62	5.98 S	6.06 S	6.01 S	6.07 S	6.07 S	6.06 S	5.99 S	5.89 S	5.94 S
20	5.52	5.68	6.03 S	6.02 S	6.05 S	5.92 S	5.98 S	6.12 S	6.16 S	6.01 S	5.96 S
21	5.44	5.52	5.85 S	6.00 S	6.07 M	6.09 S	6.11 S	6.16 S	6.15 S	6.12 S	5.98 S
22	5.34	5.63	6.02 S	6.08 S	6.15 M	6.19 S	6.25 S	6.23 S	6.26 S	6.09 S	6.06 S
23	5.30	5.75	5.98 S	5.99 S	6.23 M	6.12 S	6.21 S	6.11 S	6.30 S	6.19 S	6.19-
24	5.32	5.73	5.97 S	6.04 S	5.95 S	6.04 S	6.03 S	6.20 S	6.11 S	6.19 S	6.19-
25	5.31	5.71	5.83 S	6.03 S	5.95 S	6.01 S	6.15 S	6.06 S	6.19 S	6.20	6.20-
26	5.40	5.63	5.77 S	5.94 S	5.95 S	5.99 S	6.02 S	6.06 S	6.22 S	6.21	6.21-
27	5.93+	5.93	5.89 S	5.94 BM	5.97 M	5.99 S	6.06 BM	6.15 BM	6.19 S	6.22	6.22-
28	6.79+	6.79+	6.79+	6.79+	6.79+	6.79+	6.79 BM	6.81 BM	6.81-	6.81-	6.81-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.0	1.4	1.2	1.0	1.0	1.3	1.0	1.3	1.4	1.3	1.7
BED ELEVATION	5.72	6.43	6.63	6.67	6.77	6.77	6.69	6.93	6.66	6.24	6.09
RIGHT EDGE WATER	26.6	27.3	27.4	27.4	27.5	27.5	>28.0	>28.0	27.3	27.3	22.1
BED ELEVATION	5.72	6.43	6.56	6.78	6.77	6.77			6.66	6.24	6.09
LEFT EDGE BAR	9.3										
BED ELEVATION	5.72										
RIGHT EDGE BAR	17.0										
BED ELEVATION	5.72										

TABLE 6.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0421, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1342	1353	1530	1325	1200	1315	1224	1410	1418	1336	1341
WATER SURFACE(1)	5.98	6.04	6.23	6.47	6.59	6.40	6.14	5.95	5.93	6.10	6.23
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-
1	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-
2	5.79 HB	5.69 BM	5.74 BM	5.72 M	5.67 HB	5.70 HB	5.72 BM	5.81 HB	5.83 HB	5.73 HB	5.85 BM
3	5.33 HB	5.33 HB	5.31 HB	5.32 HB	5.31 HB	5.31 HB	5.32 HB	5.31 HB	5.32 HB	5.32 HB	5.33 HB
4	5.28 HB	5.24 HB	5.26 HB	5.23 HB	5.28 HB	5.25 HB	5.26 HB	5.28 HB	5.28 HB	5.26 HB	5.25 HB
5	5.32 HB	5.34 HB	5.31 HB	5.29 HB	5.30 HB	5.29 HB	5.31 HB	5.31 HB	5.29 HB	5.30 HB	5.29 HB
6	5.29 S	5.28 HB	5.26 HB	5.23 HB	5.26 HB	5.25 HB	5.28 HB	5.28 HB	5.28 HB	5.26 HB	5.25 HB
7	5.30 S	5.29 FG	5.25 CS	5.22 HB	5.25 G	5.23 G	5.27 G	5.26 HB	5.27 HB	5.23 HB	5.22 SG
8	5.48 CS	5.50 FG	5.46 FG	5.41 SG	5.44 G	5.37 G	5.42 G	5.47 SG	5.42 G	5.40 G	5.19 FG
9	5.70 G	5.70 SG	5.68 FG	5.62 SG	5.61 G	5.60 G	5.65 FG	5.72 G	5.71 SG	5.64 G	5.63 FG
10	5.89 G	5.84 SG	5.81 FG	5.79 SG	5.82 G	5.83 G	5.84 SG	5.86 G	5.87 G	5.83 G	5.82 FG
11	5.91 G	5.89 SG	5.86 FG	5.83 S	5.86 G	5.90 G	5.89 SG	5.88 G	5.89 G	5.87 G	5.87 FG
12	5.91 G	5.93 SG	5.89 FG	5.89 S	5.90 G	5.90 G	5.91 SG	5.90 G	5.90 G	5.90 G	5.91 FG
13	5.86 G	5.84 SG	5.85 FG	5.84 S	5.84 G	5.85 G	5.85 SG	5.83 FG	5.82 SG	5.83 G	5.84 FG
14	5.87 G	5.84 SG	5.85 FG	5.85 S	5.86 G	5.89 G	5.87 SG	5.86 FG	5.85 SG	5.86 FG	5.86 FG
15	5.86 G	5.82 SG	5.83 FG	5.83 S	5.82 G	5.90 G	5.85 SG	5.85 FG	5.83 SG	5.85 FG	5.83 FG
16	5.81 FG	5.80 SG	5.80 FG	5.79 S	5.83 FG	5.92 SG	5.84 SG	5.84 FG	5.83 SG	5.86 FG	5.86 FG
17	5.71 G	5.72 SG	5.73 FG	5.77 S	5.92 SG	5.94 SG	5.86 SG	5.87 SG	5.87 SG	5.87 FG	5.84 SG
18	5.76 G	5.73 S	5.71 CS	5.87 S	5.76 CS	5.90 CS	5.90 SG	5.83 SG	5.83 SG	5.83 FG	5.82 FG
19	5.83 S	5.81 S	5.70 S	5.72 S	5.91 CS	5.90 SG	5.86 CS	5.82 SG	5.81 SG	5.80 FG	5.82 SG
20	5.96-	5.92 SG	5.84 S	5.81 S	5.92 CS	5.94 CS	5.86 CS	5.81 SG	5.77 SG	5.80 SG	5.78 SG
21	5.98-	6.00 SG	5.93 S	5.87 S	6.03 CS	5.94 CS	5.93 CS	5.86 SG	5.82 SG	5.82 FG	5.81 SG
22	6.06-	6.06-	5.99 S	6.00 S	6.12 CS	5.96 CS	6.01 CS	5.92 S	5.91 SG	5.90 FG	5.89 SG
23	6.19-	6.19-	6.04 S	5.97 S	6.07 S	6.01 S	5.96 CS	5.87 S	5.88 S	5.90 SG	5.86 S
24	6.19-	6.19-	6.10 S	5.99 S	5.86 CS	5.92 S	5.84 CS	5.79 S	5.77 SG	5.76 SG	5.73 S
25	6.20-	6.20-	6.14 S	5.95 S	5.93 S	5.96 S	5.87 S	5.79 S	5.72 SG	5.63 S	5.63 FS
26	6.21-	6.21-	6.20 S	6.05 S	5.94 S	5.96 S	5.81 S	5.72 S	5.61 SG	5.65 BM	5.66 S
27	6.22-	6.22-	6.22 S	6.17 S	5.98 M	5.92 S	5.98 S	5.95 BM	5.91 BM	5.95 BM	5.91 BM
28	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.9	1.6	1.3	1.3	1.3	1.2	1.5	1.8	2.0	1.6	1.4
BED ELEVATION	5.98	6.04	6.23	6.47	6.21	6.31	6.14	5.85	5.83	6.10	6.23
RIGHT EDGE WATER	19.8	21.9	27.2	27.1	27.4	27.2	27.2	27.0	27.0	27.3	27.2
BED ELEVATION	5.98	6.04	6.20	6.47	6.54	6.02	6.02	5.95	5.91	6.05	6.03

TABLE 6.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0421, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1325	1445	1408	1335	1325	1211	1306	1422	1430	1254	1340
WATER SURFACE(1)	6.46	6.59	6.50	6.20	6.12	6.08	5.93	5.83	5.80	5.85	5.85
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-
1	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-
2	5.93 BM	5.69 HB	5.72 BM	5.75 BM	5.72 BM	5.65 HB	5.73 HB	5.80 HB	5.71 HB	5.78 HB	5.68 HB
3	5.30 HB	5.29 HB	5.30 HB	5.28 HB	5.32 HB	5.33 HB	5.33 HB	5.33 HB	5.31 HB	5.33 HB	5.32 HB
4	5.24 HB	5.27 HB	5.27 HB	5.25 HB	5.30 HB	5.27 HB	5.28 HB	5.29 HB	5.28 HB	5.27 HB	5.25 HB
5	5.26 HB	5.29 HB	5.29 HB	5.27 HB	5.31 HB	5.31 HB	5.28 HB	5.32 HB	5.32 HB	5.32 HB	5.30 HB
6	5.24 HB	5.25 HB	5.22 HB	5.24 HB	5.23 HB	5.28 HB	5.28 HB	5.31 HB	5.30 HB	5.30 HB	5.30 HB
7	5.20 HB	5.23 FG	5.22 HB	5.22 G	5.31 FG	5.33 FG	5.28 FG	5.32 FG	5.39 CS	5.38 S	5.43 CS
8	5.36 FG	5.39 FG	5.40 FG	5.47 SG	5.51 FG	5.49 FG	5.51 SG	5.60 S	5.59 CS	5.57 S	5.64 CS
9	5.59 FG	5.59 FG	5.62 FG	5.66 SG	5.62 FG	5.68 FG	5.70 S	5.69 G	5.70 SG	5.73 G	5.68 FG
10	5.82 FG	5.80 FG	5.80 FG	5.73 SG	5.82 FG	5.83 FG	5.84 SG	5.84-	5.84-	5.84 G	5.84 FG
11	5.86 FG	5.88 FG	5.88 FG	5.86 SG	5.86 FG	5.88 FG	5.88 G	5.88-	5.88-	5.88-	5.88-
12	5.87 G	5.89 FG	5.90 FG	5.88 SG	5.91 FG	5.91 FG	5.89 SG	5.89-	5.89-	5.89-	5.89-
13	5.84 FG	5.87 FG	5.87 FG	5.84 SG	5.87 FG	5.84 FG	5.83 SG	5.83-	5.83-	5.81 G	5.83 FG
14	5.84 FG	5.89 FG	5.86 FG	5.84 SG	5.82 FG	5.85 FG	5.85 SG	5.85-	5.85-	5.81 G	5.83 FG
15	5.84 SG	5.87 FG	5.88 FG	5.84 SG	5.85 FG	5.85 FG	5.83 SG	5.83-	5.83-	5.84 G	5.84 FG
16	5.84 SG	5.86 FG	5.90 S	5.80 SG	5.82 FG	5.84 FG	5.82 SG	5.82 SG	5.82-	5.84 G	5.84 FG
17	5.85 FS	5.87 S	5.90 S	5.79 SG	5.80 FG	5.81 FG	5.80 SG	5.80 SG	5.79	5.78 G	5.80 FG
18	5.86 S	5.84 S	5.88 S	5.85 SG	5.82 FG	5.81 FG	5.80 SG	5.79 SG	5.78 G	5.77 G	5.78 FG
19	5.83 S	5.85 S	5.82 S	5.80 SG	5.78 SG	5.75 SG	5.72 SG	5.73 SG	5.72 G	5.70 G	5.73 SG
20	5.77 CS	5.84 S	5.90 S	5.79 S	5.76 S	5.75 SG	5.70 SG	5.69 SG	5.68 G	5.66 G	5.67 SG
21	5.83 CS	5.81 S	6.05 S	5.79 S	5.82 S	5.78 S	5.68 S	5.59 SG	5.68 SG	5.66 SG	5.67 SG
22	5.85 CS	5.89 S	5.98 S	5.85 S	5.84 S	5.86 S	5.82 SG	5.76 SG	5.74 SG	5.82 SG	5.74 SG
23	5.87 CS	5.95 S	5.94 S	5.88 S	5.88 S	5.82 S	5.80 SG	5.80 FS	5.79 S	5.61 S	5.50 CS
24	5.83 CS	5.94 S	5.88 S	5.85 S	5.84 S	5.72 S	5.68 S	5.63 SG	5.49 SG	5.42 S	5.38 SG
25	5.77 CS	5.79 S	5.82 S	5.65 S	5.70 S	5.69 S	5.61 S	5.50 SG	5.35 SG	5.31 SG	5.32 FG
26	5.69 CS	5.77 S	5.74 S	5.73 S	5.70 S	5.65 S	5.56 SG	5.55 BM	5.46 BM	5.41 G	5.55 BM
27	5.93 BM	5.94 S	5.90 S	5.88 BM	5.82 S	5.91 FS	5.90 S	5.90-	5.90-	5.90-	5.90-
28	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.2	1.4	1.2	1.3	1.5	1.7	1.9	1.9	1.8	1.9	1.8
BED ELEVATION	6.37	6.24	6.50	6.20	6.12	6.08	5.85	5.80	5.77	5.85	5.85
RIGHT EDGE WATER	27.3	27.2	27.3	27.4	27.2	27.3	27.1	26.6	26.8	26.7	26.6
BED ELEVATION	5.99	6.04	6.00	6.01	5.82	6.03	5.93	5.83	5.80	5.85	5.85
LEFT EDGE BAR								9.8	9.5	10.2	10.2
BED ELEVATION								5.83	5.80	5.85	5.85
RIGHT EDGE BAR								15.3	16.5	12.6	12.6
BED ELEVATION								5.83	5.80	5.85	5.85

TABLE 6.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0421, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 9	5-15
TIME	1500	1150	1054	1211	1308	1221	1208	1720	1528	1101	
WATER SURFACE(1)	5.85	5.87	5.82	5.84	5.80	5.76	5.68	5.62	5.62	5.55	
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-	7.46
1	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.67
2	5.75 HB	5.69 HB	5.82 HB	5.80 BM	5.74 HB	5.76 HB	5.76-	5.76-	5.76-	5.76-	5.63
3	5.33 HB	5.34 HB	5.32 HB	5.34 HB	5.32 HB	5.31 HB	5.30 HB	5.32 HB	5.34 HB	5.34 HB	5.25
4	5.26 HB	5.28 HB	5.24 HB	5.28 HB	5.27 HB	5.25 HB	5.26 HB	5.27 HB	5.29 HB	5.29 HB	5.21
5	5.30 HB	5.32 HB	5.30 HB	5.33 HB	5.30 HB	5.30 HB	5.29 HB	5.30 HB	5.31 HB	5.31 HB	5.24
6	5.27 HB	5.28 HB	5.29 HB	5.30 HB	5.30 HB	5.28 HB	5.28 HB	5.27 HB	5.31 HB	5.30 HB	5.20
7	5.37 SG	5.37 SG	5.33 SG	5.36 S	5.37 CS	5.33 S	5.32 FG	5.33 SG	5.30 S	5.32 S	5.19
8	5.64 S	5.62 S	5.60 S	5.60 S	5.54 S	5.54 S	5.53 S	5.54 S	5.52 S	5.48 S	5.19
9	5.67 G	5.68 S	5.66 S	5.69 FG	5.66 FG	5.65 G	5.67 G	5.67-	5.67-	5.67-	5.16
10	5.84 SG	5.85 SG	5.85-	5.84 G	5.84-	5.84-	5.84-	5.84-	5.84-	5.84-	5.27
11	5.88-	5.88-	5.88-	5.88-	5.88-	5.88-	5.88-	5.88-	5.88-	5.88-	5.20
12	5.89-	5.89-	5.89-	5.89-	5.89-	5.89-	5.89-	5.89-	5.89-	5.89-	5.15
13	5.83 FG	5.85 FG	5.81 G	5.82 G	5.82-	5.82-	5.82-	5.82-	5.82-	5.82-	5.17
14	5.84 FG	5.86 FG	5.81 G	5.83 G	5.83-	5.83-	5.83-	5.83-	5.83-	5.83-	5.25
15	5.84 FG	5.86 FG	5.86-	5.83 G	5.83-	5.83-	5.83-	5.83-	5.83-	5.83-	5.11
16	5.84 FG	5.86 FG	5.86-	5.83 FG	5.83-	5.83-	5.83-	5.83-	5.83-	5.83-	5.17
17	5.80 FG	5.81 FG	5.79 G	5.81 FG	5.80	5.80-	5.80-	5.80-	5.80-	5.80-	5.17
18	5.77 FG	5.77 FG	5.81 G	5.79 FG	5.79 FG	5.79-	5.79-	5.79-	5.79-	5.79-	5.05
19	5.73 FG	5.71 FG	5.72 G	5.73 FG	5.74 SG	5.74 FG	5.74-	5.74-	5.74-	5.74-	5.08
20	5.66 FG	5.66 FG	5.69 SG	5.69 SG	5.69 SG	5.67 FG	5.68 B	5.68-	5.68-	5.55 S	5.12
21	5.66 S	5.65 SG	5.61 SG	5.61 S	5.61 S	5.56 S	5.56 S	5.55 S	5.60 S	5.46 S	5.14
22	5.71 S	5.66 SG	5.55 SG	5.50 SG	5.43 CS	5.40 S	5.40 S	5.38 S	5.41 S	5.36 S	5.03
23	5.47 S	5.51 SG	5.41 SG	5.40 G	5.33 SG	5.30 SG	5.31 G	5.33 SG	5.33 SG	5.33 SG	5.17
24	5.35 SG	5.36 G	5.33 SG	5.36 FG	5.35 SG	5.36 G	5.33 G	5.32 B	5.33 G	5.34 SG	5.09
25	5.32 G	5.32 G	5.31 G	5.32 FG	5.32 G	5.30 G	5.30 B	5.29 G	5.31 G	5.31 SG	5.20
26	5.49 BM	5.50 BM	5.52 BM	5.41 FG	5.40 G	5.38 G	5.38 G	5.36 G	5.39 B	5.41 SG	5.26
27	5.90-	5.90-	5.90-	5.90-	5.90-	5.90-	5.90-	5.90-	5.90-	5.90-	5.82
28	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.79
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.0	2.0	2.0	2.0	1.9	2.0	2.1	2.1	2.3	2.5	
BED ELEVATION	5.75	5.69	5.82	5.80	5.80	5.76	5.68	5.62	5.62	5.55	
RIGHT EDGE WATER	26.8	26.7	26.7	26.7	26.7	26.6	26.6	26.6	26.7	26.7	
BED ELEVATION	5.85	5.79	5.82	5.84	5.80	5.76	5.68	5.62	5.62	5.55	
LEFT EDGE BAR	10.2	10.6	9.8	1	9.6		9.1	8.8	8.2	8.3	
BED ELEVATION	5.85	5.87	5.82		5.80		5.68	5.62	5.62	5.55	
RIGHT EDGE BAR	12.6	12.8	12.9	1	17.0		20.0	20.4	20.8	20.0	
BED ELEVATION	5.85	5.87	5.82		5.80		5.68	5.62	5.62	5.55	

(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
(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 0516, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1240	1635	1400	1211	927	1427	955	1030	943	930
WATER SURFACE(1)	6.48	6.70	6.84	6.83	6.84	7.05	6.99	6.73	6.32	6.13
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.03+	7.03+	7.03+	7.03+	7.03+	7.03 BM	7.03-	7.03-	7.03-	7.03-
1	6.81+	6.81+	6.81 BM	6.82 BM	6.82 BM	6.81 BM	6.81 BM	6.81-	6.81-	6.81-
2	6.74+	6.74+	6.74 BM	6.73 BM	6.76 BM	6.70 BM	6.80 BM	6.73 BM	6.73-	6.73-
3	5.95	5.84 S	5.87 M	5.91 M	5.86 M	6.00 M	5.89 M	5.88 M	5.94 M	5.88 M
4	5.31	5.30 S	5.16 M	5.27 M	5.27 M	5.18 M	5.32 M	5.31 M	5.25 M	5.33 M
5	5.10	5.08 G	5.01 G	5.05 FG	5.04 G	5.05 HB	5.03 HB	5.06 HB	5.05 HB	5.06 G
6	5.17	5.16 G	5.14 G	5.19 G	5.14 G	5.14 S	5.16 HB	5.15 HB	5.18 HB	5.18 G
7	5.26	5.20 G	5.19 G	5.22 G	5.19 G	5.21 HB	5.21 HB	5.22 HB	5.24 HB	5.23 G
8	5.28	5.22 G	5.21 G	5.25 G	5.22 G	5.19 S	5.24 G	5.25 HB	5.24 HB	5.26 SG
9	5.34	5.20 S	5.24 SG	5.23 FG	5.22 G	5.20 S	5.25 S	5.28 S	5.31 S	5.30 SG
10	5.42	5.32 S	5.22 S	5.25 S	5.27 S	5.25 S	5.32 SG	5.31 S	5.35 S	5.33 S
11	5.47	5.34 S	5.30 S	5.29 S	5.20 S	5.30 S	5.25 S	5.35 S	5.38 S	5.38 S
12	5.53	5.34 S	5.33 S	5.42 S	5.27 S	5.30 S	5.27 S	5.25 SG	5.41 S	5.38 S
13	5.55	5.40 S	5.30 S	5.38 S	5.27 S	5.45 S	5.26 S	5.25 G	5.37 S	5.33 S
14	5.54	5.34 S	5.35 S	5.30 S	5.27 S	5.35 S	5.29 S	5.31 S	5.35 S	5.38 S
15	5.53	5.40 S	5.34 S	5.28 SG	5.31 S	5.32 S	5.34 S	5.35 S	5.38 S	5.35 S
16	5.48	5.40 S	5.28 S	5.33 S	5.28 S	5.36 S	5.35 S	5.33 S	5.35 S	5.38 S
17	5.35	5.28 S	5.40 S	5.35 S	5.30 S	5.30 S	5.34 S	5.24 S	5.30 S	5.36 S
18	5.36	5.36 S	5.36 S	5.40 S	5.41 S	5.36 S	5.35 S	5.29 S	5.41 S	5.38 S
19	5.38	5.52 S	5.42 S	5.49 S	5.42 S	5.58 M	5.46 S	5.50 S	5.44 M	5.50 M
20	6.24	6.02 BM	6.00 BM	5.94 BM	5.86 BM	5.86 BM	5.82 BM	5.98 BM	5.96 BM	5.98 BM
21	6.96+	6.96+	6.96+	6.96+	6.96+	6.96 BM	6.99 BM	6.99-	6.99-	6.99-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	2.3	2.1	0.7	0.8	0.8	< 0.0	0.2	2.0	2.1	2.3
BED ELEVATION	6.48	6.70	6.84	6.83	6.84		6.99	6.73	6.32	6.13
RIGHT EDGE WATER	20.7	20.8	20.5	20.5	20.5	>21.0	21.0	20.7	20.5	20.3
BED ELEVATION	6.48	6.70	6.84	6.83	6.84		6.99	6.73	6.32	6.13

TABLE 7.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0516, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1325	1350	1520	1305	1158	1300	1210	1405	1408	1321	1340
WATER SURFACE(1)	6.02	6.11	6.29	6.52	6.64	6.46	6.19	5.99	5.99	6.15	6.28
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-
1	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-
2	6.73-	6.73-	6.73-	6.73-	6.64 BM	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-
3	5.92 S	6.01 BM	5.95 FS	5.90 M	5.96 M	5.89 S	5.92 FS	5.87 M	5.96 M	5.96 S	5.93 FS
4	5.32 S	5.30 S	5.24 FS	5.22 M	5.29 M	5.23 S	5.10 FS	5.29 FS	5.27 M	5.15 S	5.21 S
5	5.02 G	5.02 HB	5.03 HB	5.01 HB	5.00 G	5.03 G	5.01 HB	4.99 G	5.02 G	5.03 HB	5.08 G
6	5.17 G	5.19 G	5.17 HB	5.15 HB	5.15 G	5.17 G	5.18 HB	5.14 G	5.17 G	5.18 HB	5.20 G
7	5.22 G	5.23 G	5.22 HB	5.21 HB	5.20 G	5.23 G	5.22 HB	5.21 SG	5.22 G	5.23 G	5.22 G
8	5.26 FG	5.27 SG	5.25 HB	5.27 HB	5.24 G	5.26 G	5.26 HB	5.24 CS	5.26 FG	5.26 G	5.26 G
9	5.30 SG	5.31 CS	5.28 S	5.27 S	5.27 S	5.30 S	5.29 S	5.29 S	5.29 SG	5.30 G	5.27 G
10	5.37 SG	5.36 S	5.37 S	5.31 CS	5.34 S	5.31 S	5.29 S	5.33 S	5.32 S	5.35 S	5.26 S
11	5.38 S	5.40 S	5.37 S	5.37 CS	5.31 S	5.27 S	5.34 S	5.32 S	5.35 S	5.36 S	5.31 S
12	5.42 S	5.41 S	5.37 S	5.39 S	5.42 S	5.36 S	5.36 S	5.35 S	5.37 S	5.35 S	5.30 S
13	5.39 S	5.40 S	5.40 S	5.38 S	5.46 S	5.33 S	5.40 S	5.37 S	5.37 S	5.37 S	5.33 S
14	5.39 S	5.40 S	5.38 S	5.39 S	5.29 S	5.37 S	5.46 S	5.39 S	5.44 S	5.41 S	5.29 SG
15	5.39 S	5.40 S	5.38 S	5.34 CS	5.27 S	5.37 S	5.38 S	5.42 S	5.46 S	5.45 S	5.44 SG
16	5.39 S	5.41 S	5.38 S	5.34 S	5.44 S	5.26 S	5.40 S	5.35 S	5.37 SG	5.41 S	5.42 S
17	5.38 S	5.40 S	5.38 S	5.33 S	5.39 S	5.40 S	5.37 S	5.34 S	5.36 S	5.36 S	5.36 S
18	5.37 S	5.38 S	5.41 S	5.30 S	5.40 S	5.42 S	5.38 S	5.35 S	5.39 S	5.37 S	5.38 S
19	5.42 S	5.55 FS	5.47 M	5.47 M	5.42 S	5.41 S	5.48 M	5.41 S	5.49 M	5.50 S	5.43 S
20	5.97 BM	6.03 BM	5.90 BM	5.96 BM	5.89 BM	5.91 BM	5.89 BM	5.96 BM	5.91 BM	5.95 BM	6.00 BM
21	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.5	2.3	2.3	2.3	2.0	2.1	2.3	2.7	2.8	2.2	2.2
BED ELEVATION	6.02	6.11	6.07	6.07	6.64	6.24	6.11	5.99	5.99	6.15	6.12
RIGHT EDGE WATER	20.1	20.2	20.6	20.7	20.8	20.5	20.5	20.1	20.1	20.4	20.7
BED ELEVATION	6.02	6.11	6.29	6.31	6.64	6.41	6.19	5.99	5.99	6.15	6.28

TABLE 7.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0516, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1324	1437	1400	1325	1317	1207	1315	1413	1421	1248	1330
WATER SURFACE(1)	6.52	6.64	6.55	6.27	6.18	6.13	5.98	5.89	5.85	5.90	5.90
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-
1	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-
2	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-	6.64-
3	5.97 M	5.89 M	5.91 FS	5.87 FS	6.00 M	5.99 FS	5.96 M	5.96-	5.85	5.85-	5.84 M
4	5.31 FS	5.26 S	5.22 FS	5.18 FS	5.25 S	5.23 FS	5.15 FS	5.21 M	5.20 FS	5.18 M	5.08 M
5	5.02 S	5.01 G	5.02 G	5.04 HB	5.05 S	5.03 FG	5.01 G	5.04 HB	5.04 HB	5.01 G	5.02 S
6	5.14 G	5.19 G	5.19 G	5.18 CS	5.18 SG	5.20 SG	5.19 S	5.22 FG	5.23 S	5.20 S	5.22 S
7	5.22 SG	5.26 S	5.24 SG	5.33 CS	5.30 S	5.33 S	5.37 S	5.38 SG	5.36 S	5.35 S	5.36 S
8	5.26 S	5.28 S	5.25 S	5.35 S	5.36 S	5.38 S	5.43 S	5.46 SG	5.44 S	5.42 S	5.36 S
9	5.27 S	5.32 S	5.29 SG	5.37 S	5.48 S	5.43 S	5.43 S	5.47 S	5.46 S	5.45 S	5.44 S
10	5.26 S	5.24 SG	5.25 S	5.37 S	5.51 S	5.52 S	5.46 S	5.49 S	5.50 S	5.46 S	5.47 S
11	5.25 S	5.26 S	5.29 S	5.45 S	5.43 S	5.54 S	5.49 S	5.52 S	5.51 S	5.49 S	5.49 S
12	5.30 S	5.28 S	5.34 S	5.39 S	5.45 S	5.56 S	5.48 S	5.50 S	5.48 S	5.48 S	5.50 S
13	5.37 S	5.34 S	5.35 S	5.39 S	5.44 S	5.55 S	5.37 S	5.46 S	5.45 S	5.47 S	5.48 S
14	5.32 S	5.38 S	5.37 S	5.44 S	5.38 S	5.50 S	5.43 S	5.47 S	5.45 S	5.43 S	5.43 S
15	5.30 S	5.39 S	5.39 S	5.43 S	5.38 S	5.39 S	5.43 S	5.41 S	5.40 S	5.37 S	5.39 S
16	5.32 S	5.33 S	5.39 S	5.43 S	5.37 S	5.43 S	5.39 S	5.38 S	5.40 S	5.35 S	5.34 S
17	5.32 S	5.34 S	5.35 S	5.35 S	5.39 S	5.37 S	5.33 S	5.36 S	5.34 S	5.35 S	5.33 S
18	5.41 S	5.39 S	5.37 S	5.38 S	5.39 S	5.43 S	5.34 S	5.37 S	5.38 SG	5.37 S	5.36 M
19	5.42 S	5.44 S	5.47 S	5.46 S	5.48 S	5.48 S	5.52 S	5.47 S	5.47 M	5.44 S	5.48 M
20	5.95 BM	5.85 BM	5.85 BM	5.90 BM	5.96 BM	5.91 BM	5.89 BM	5.89 BM	5.89-	5.90 BM	5.90-
21	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.2	2.1	2.1	2.2	2.3	2.2	2.9	3.2	3.0	3.2	2.8
BED ELEVATION	6.18	6.14	6.10	6.07	6.15	6.13	5.98	5.89	5.85	5.90	5.87
RIGHT EDGE WATER	20.7	20.6	20.9	20.5	20.3	20.3	20.1	20.0	19.9	20.0	19.9
BED ELEVATION	6.32	6.26	6.55	6.27	6.18	6.13	5.98	5.89	5.85	5.90	5.90

TABLE 7.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0516, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 9	5-21
TIME	1450	1142	1051	1208	1309	1214	1202	1715	1521	1041	
WATER SURFACE(1)	5.90	5.92	5.88	5.89	5.86	5.83	5.76	5.70	5.69	5.62	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.03-				7.03-		7.03-	7.03-	7.03-	7.03-	7.03
1	6.81-				6.81-		6.81-	6.81-	6.81-	6.81-	6.81
2	6.64-				6.64-		6.64-	6.64-	6.64-	6.64-	6.64
3	5.90 BM				5.90-		5.90-	5.90-	5.90-	5.90-	5.40
4	5.28 M				5.12 M		5.33 M	5.18 S	5.24 BM	5.13 BM	5.06
5	5.02 G				5.02 G		5.01 G	5.00 S	5.04 S	5.07 S	4.99
6	5.20 SG				5.18 S		5.21 CS	5.22 S	5.21 S	5.28 S	5.12
7	5.35 SG				5.35 S		5.36 CS	5.37 S	5.36 S	5.40 S	5.19
8	5.42 SG				5.42 S		5.44 CS	5.42 S	5.43 S	5.46 S	5.18
9	5.45 SG				5.42 S		5.43 CS	5.41 S	5.43 S	5.49 S	5.05
10	5.48 SG				5.45 S		5.46 CS	5.46 S	5.45 S	5.50 S	5.16
11	5.49 S				5.48 S		5.47 CS	5.47 S	5.48 S	5.47 S	5.19
12	5.49 S				5.46 S		5.47 CS	5.46 S	5.47 S	5.46 S	5.22
13	5.47 S				5.44 S		5.45 S	5.43 S	5.44 S	5.44 S	5.25
14	5.44 S				5.42 S		5.41 S	5.42 S	5.42 S	5.42 S	5.27
15	5.42 S				5.38 S		5.38 S	5.38 S	5.39 S	5.40 S	5.25
16	5.40 S				5.40 S		5.39 S	5.39 S	5.39 S	5.38 S	5.16
17	5.35 S				5.36 S		5.36 S	5.35 S	5.36 S	5.37 S	5.19
18	5.33 S				5.36 S		5.33 S	5.36 FS	5.32 S	5.37 S	5.23
19	5.46 M				5.50 BM		5.45 M	5.46 BM	5.44 BM	5.43 BM	5.28
20	5.89 BM				5.89-		5.89-	5.89-	5.89-	5.89-	5.74
21	6.99-				6.99-		6.99-	6.99-	6.99-	6.99-	6.96
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.0				3.3		3.3	3.1	3.3	3.3	
BED ELEVATION	5.90				5.51		5.76	5.70	5.55	5.53	
RIGHT EDGE WATER	20.0				19.9		19.8	19.7	19.6	19.4	
BED ELEVATION	5.89				5.86		5.76	5.70	5.69	5.62	

(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 8.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0602, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1245	1640	1350	1156	931	1410	1058	1040	948	942
WATER SURFACE(1)	6.54	6.76	6.90	6.88	6.89	7.12	7.06	6.76	6.33	6.14
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	6.50	6.54 BM	6.48 BM	6.53 BM	6.52 BM	6.51 BM	6.48 BM	6.48-	6.48-	6.48-
1	6.12	6.10 BM	6.10 S	6.10 BM	6.11 M	6.11 M	6.10 M	6.08 M	6.11 BM	6.11-
2	5.86	5.87 M	5.83 S	5.88 M	5.85 M	5.85 M	5.88 M	5.88 M	5.91 M	5.94 S
3	5.47	5.63 M	5.70 S	5.73 M	5.71 M	5.74 M	5.74 M	5.75 M	5.78 M	5.75 S
4	5.54	5.52 M	5.55 S	5.56 M	5.57 M	5.63 M	5.65 M	5.63 M	5.58 M	5.61 S
5	5.32	5.31 M	5.31 S	5.36 M	5.26 M	5.29 M	5.29 M	5.28 M	5.26 M	5.33 S
6	5.32	5.26 S	5.17 S	5.16 M	5.23 M	5.24 M	5.21 M	5.04 M	5.03 M	5.03 S
7	5.19	5.16 S	5.14 S	5.16 S	5.11 M	5.20 M	5.09 M	4.88 M	4.96 M	4.95 S
8	5.24	5.31 S	5.24 S	5.28 S	5.14 S	5.12 S	4.99 M	4.85 M	4.96 M	4.99 S
9	5.30	5.31 S	5.26 S	5.34 S	5.21 S	5.21 S	4.94 M	4.89 M	4.95 M	4.98 S
10	5.35	5.38 S	5.30 S	5.23 S	5.41 S	5.19 S	5.06 M	4.94 S	4.97 M	5.07 S
11	5.48	5.40 S	5.50 S	5.34 S	5.28 S	5.18 S	5.08 M	4.87 S	5.06 M	5.14 S
12	5.46	5.34 S	5.50 S	5.33 S	5.38 S	5.21 S	5.05 SG	5.06 S	5.15 M	5.19 S
13	5.52	5.34 S	5.40 S	5.32 S	5.37 S	5.18 S	5.17 SG	5.12 S	5.25 S	5.24 S
14	5.51	5.36 S	5.43 S	5.32 S	5.36 S	5.22 S	5.19 S	5.21 S	5.28 S	5.27 S
15	5.59	5.36 S	5.52 S	5.28 G	5.32 SG	5.28 S	5.29 S	5.26 SG	5.30 G	5.28 G
16	5.55	5.35 S	5.47 G	5.30 G	5.30 G	5.27 G	5.28 G	5.30 G	5.30 G	5.31 G
17	5.54	5.38 SG	5.40 G	5.32 G	5.32 G	5.29 G	5.31 G	5.33 G	5.35 G	5.34 G
18	5.56	5.38 G	5.38 G	5.36 G	5.36 G	5.30 G	5.35 G	5.34 G	5.36 G	5.36 G
19	5.59	5.51 SG	5.40 G	5.40 G	5.39 G	5.37 G	5.36 G	5.36 G	5.38 G	5.37 SG
20	5.50	5.43 SG	5.43 G	5.42 G	5.42 G	5.42 S	5.32 HB	5.32 G	5.41 M	5.47 S
21	5.94	5.76 BM	6.35 BM	6.20 BM	6.04 M	5.79 BM	5.49 HB	6.13 BM	6.33 BM	6.33-
22	6.56+	6.56 BM	6.55 BM	6.64 BM	6.55 BM	6.55 BM	6.54 BM	6.69 BM	6.69-	6.69-
23	6.77+	6.77+	6.77 BM	6.78 BM	6.77 BM	6.77 BM	6.75 BM	6.75-	6.75-	6.75-
24	6.80+	6.80+	6.80 BM	6.78 BM	6.79	6.78 BM	6.80 BM	6.80-	6.80-	6.80-
25	6.90+	6.90+	6.90 BM	6.88 BM	6.89	6.88 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	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	0.2	0.2	1.1
BED ELEVATION								6.76	6.33	6.14
RIGHT EDGE WATER	21.9	22.8	25.0	25.0	25.0	>25.0	>25.0	22.6	21.0	20.8
BED ELEVATION	6.54	6.76	6.90	6.88	6.89			6.76	6.33	5.57

TABLE 8.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0602, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1326	1335	1519	1255	1150	1255	1215	1355	1400	1325	1325
WATER SURFACE(1)	6.03	6.12	6.31	6.56	6.68	6.51	6.21	6.02	5.99	6.17	6.32
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.48-	6.48-	6.48-	6.53 BM	6.52 BM	6.49 BM	6.49-	6.49-	6.49-	6.49-	6.49-
1	6.11-	6.11-	6.13 M	6.13 BM	6.13 M	6.14 BM	6.12 FS	6.12-	6.12-	6.12 M	6.16 BM
2	5.95 FS	5.94 M	6.01 FS	5.94 M	5.97 M	5.97 S	6.00 FS	5.98 FS	5.99 M	5.93 M	5.93 FS
3	5.78 FS	5.79 M	5.79 FS	5.82 FS	5.85 M	5.83 S	5.85 FS	5.86 FS	5.86 M	5.86 M	5.84 S
4	5.64 FS	5.64 M	5.66 FS	5.66 FS	5.72 M	5.69 S	5.71 FS	5.61 FS	5.64 M	5.60 M	5.46 S
5	5.30 FS	5.29 M	5.32 S	5.27 S	5.27 M	5.22 S	5.21 S	5.28 FS	5.26 S	5.31 FS	5.41 S
6	5.05 FS	5.05 FS	5.06 S	5.13 S	5.18 M	5.13 S	5.25 S	5.36 S	5.37 S	5.41 S	5.54 S
7	4.98 FS	5.01 FS	5.00 S	5.06 S	5.06 FS	5.23 S	5.31 S	5.48 S	5.47 S	5.54 S	5.63 FS
8	5.03 FS	5.02 FS	4.96 S	5.05 S	5.29 FS	5.24 S	5.41 S	5.49 S	5.53 S	5.57 S	5.61 S
9	4.97 FS	5.00 FS	4.94 S	5.17 S	5.18 S	5.46 S	5.46 S	5.61 S	5.57 S	5.50 S	5.55 S
10	5.08 S	5.09 S	5.09 S	5.12 S	5.22 S	5.36 S	5.44 S	5.60 S	5.57 S	5.54 S	5.59 S
11	5.13 S	5.12 S	5.21 S	5.38 S	5.46 S	5.27 S	5.54 S	5.59 S	5.59 S	5.54 S	5.52 S
12	5.21 CS	5.25 S	5.26 S	5.43 S	5.37 S	5.47 S	5.54 S	5.59 S	5.55 S	5.44 S	5.62 S
13	5.26 CS	5.30 S	5.31 S	5.39 S	5.36 S	5.38 S	5.60 S	5.58 S	5.54 S	5.57 S	5.60 S
14	5.29 CS	5.30 S	5.35 S	5.43 S	5.45 S	5.47 S	5.54 S	5.55 SG	5.53 S	5.52 S	5.55 S
15	5.31 SG	5.31 SG	5.36 S	5.43 S	5.60 S	5.50 S	5.51 S	5.57 SG	5.54 CS	5.52 S	5.53 S
16	5.32 FG	5.32 G	5.31 S	5.39 S	5.67 S	5.51 S	5.59 S	5.56 SG	5.54 CS	5.52 CS	5.49 SG
17	5.36 FG	5.35 G	5.33 G	5.48 S	5.70 S	5.57 S	5.62 S	5.58 SG	5.55 CS	5.54 CS	5.52 FG
18	5.37 FG	5.37 G	5.34 G	5.49 S	5.65 S	5.63 CS	5.60 SG	5.60 SG	5.59 CS	5.59 CS	5.62 FG
19	5.38 FG	5.39 SG	5.36 G	5.41 S	5.54 SG	5.68 CS	5.61 SG	5.62 SG	5.59 CS	5.60 CS	5.62 FG
20	5.53 BM	5.51 M	5.35 G	5.36 SG	5.58 S	5.63 SG	5.62 SG	5.63 SG	5.61 CS	5.61 SG	5.62 FG
21	6.33-	6.09 BM	6.01 M	5.99 BM	6.32 BM	6.05 BM	6.05-	6.05-	6.05-	5.99 M	6.04 BM
22	6.69-	6.69-	6.69-	6.69-	6.61 BM	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-
23	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-
24	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-
25	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	1.7	1.2	0.5	< 0.0	< 0.0	< 0.0	0.7	1.7	2.0	0.7	0.2
BED ELEVATION	6.03	6.12	6.28				6.21	6.02	5.99	6.17	6.28
RIGHT EDGE WATER	20.9	21.0	21.1	21.5	22.4	21.3	20.8	20.9	20.8	21.2	21.2
BED ELEVATION	5.00	6.09	6.21	6.56	6.68	6.51	6.21	5.89	5.79	6.17	6.32

TABLE 8.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0602, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1310	1427	1355	1320	1307	1216	1304	1422	1410	1228	1322
WATER SURFACE(1)	6.57	6.71	6.62	6.31	6.21	6.16	6.00	5.90	5.87	5.91	5.91
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	6.53 BM	6.53 BM	6.52 BM	6.52-	6.52-	6.52-	6.52-	6.52-	6.52-	6.52-	6.52-
1	6.14 BM	6.16 S	6.16 BM	6.15 M	6.15 M	6.15-	6.15-	6.15-	6.15-	6.15-	6.15-
2	5.94 M	5.96 S	5.94 M	5.93 FS	5.92 M	5.93 FS	5.92 M	5.92-	5.92-	5.92-	5.92-
3	5.85 M	5.86 S	5.87 FS	5.86 FS	5.87 FS	5.81 FS	5.83 M	5.84 M	5.84 FS	5.86 FS	5.81 M
4	5.45 M	5.47 S	5.50 S	5.42 FS	5.49 FS	5.47 FS	5.49 M	5.46 M	5.47 FS	5.49 FS	5.45 M
5	5.41 FS	5.41 S	5.47 S	5.41 FS	5.45 FS	5.41 FS	5.48 S	5.45 S	5.47 S	5.48 FS	5.45 S
6	5.41 S	5.40 S	5.38 S	5.36 FS	5.50 FS	5.45 FS	5.50 S	5.51 S	5.51 S	5.51 FS	5.50 S
7	5.33 S	5.38 S	5.43 S	5.47 S	5.47 FS	5.52 FS	5.50 S	5.54 S	5.56 S	5.56 FS	5.59 S
8	5.60 S	5.49 S	5.37 S	5.48 S	5.40 S	5.51 FS	5.58 S	5.58 S	5.62 S	5.61 FS	5.56 S
9	5.52 S	5.56 S	5.51 S	5.37 S	5.41 S	5.59 S	5.50 S	5.60 S	5.61 S	5.61 FS	5.57 S
10	5.61 S	5.51 S	5.52 S	5.32 S	5.58 S	5.56 S	5.63 S	5.60 S	5.62 S	5.60 S	5.56 S
11	5.52 S	5.34 S	5.40 S	5.30 S	5.60 S	5.53 S	5.61 S	5.59 S	5.59 SG	5.59 FG	5.57 S
12	5.60 S	5.36 S	5.39 S	5.28 S	5.63 S	5.61 S	5.59 SG	5.56 S	5.57 SG	5.56 FG	5.55 S
13	5.52 SG	5.57 S	5.37 S	5.37 S	5.62 S	5.56 CS	5.55 FG	5.55 CS	5.57 SG	5.56 FG	5.55 S
14	5.49 SG	5.41 S	5.56 S	5.36 S	5.55 S	5.49 CS	5.51 FG	5.53 CS	5.54 SG	5.53 FG	5.51 S
15	5.60 SG	5.39 S	5.44 S	5.39 CS	5.51 S	5.50 FG	5.49 FG	5.49 CS	5.48 SG	5.51 FG	5.50 S
16	5.53 SG	5.51 S	5.51 S	5.47 CS	5.51 S	5.47 FG	5.47 FG	5.46 CS	5.49 SG	5.47 FG	5.45 S
17	5.50 SG	5.53 S	5.62 S	5.49 CS	5.51 FG	5.48 FG	5.49 FG	5.49 FS	5.50 FG	5.49 FG	5.48 SG
18	5.50 SG	5.56 SG	5.67 S	5.64 FG	5.64 FG	5.62 FG	5.60 FG	5.63 FS	5.61 FG	5.61 FG	5.60 G
19	5.59 SG	5.56 SG	5.64 FG	5.62 FG	5.63 FG	5.61 FG	5.61 FG	5.61 FS	5.62 FG	5.61 FG	5.60 G
20	5.62 SG	5.56 FG	5.54 FG	5.54 FG	5.53 FG	5.54 FG	5.54 FG	5.54 FS	5.54 FG	5.53 FG	5.52 G
21	6.29 BM	5.86 BM	6.37 BM	5.99 BM	5.99-	5.94 BM	5.94-	5.80 M	5.80-	5.80-	5.80-
22	6.61-	6.63	6.62	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-
23	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-
24	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-
25	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	< 0.0	< 0.0	< 0.0	0.2	0.5	1.1	1.8	2.7	2.8	2.7	2.5
BED ELEVATION	6.53			6.21	6.21	6.16	6.00	5.90	5.87	5.91	5.91
RIGHT EDGE WATER	21.9	22.5	22.0	21.1	20.9	21.1	20.9	21.0	20.9	20.8	20.9
BED ELEVATION	6.57	6.71	6.62	6.04	6.21	6.01	5.59	5.80	5.76	5.62	5.86

TABLE 8.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0602, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-21
TIME	1450	1139	1045	1206	1303	1207	1145	1708	1515	1700	
WATER SURFACE(1)	5.92	5.93	5.90	5.91	5.88	5.85	5.78	5.72	5.70	5.65	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	6.52-		6.52-		6.52-	6.52-	6.52-	6.52-	6.52-	6.52-	6.48
1	6.15-		6.15-		6.15-	6.15-	6.15-	6.15-	6.15-	6.15-	5.56
2	5.92-		5.92-		5.92-	5.92-	5.92-	5.92-	5.92-	5.92-	5.28
3	5.84 M		5.86 M		5.85 S	5.83 FS	5.78 M	5.78-	5.78-	5.78-	4.95
4	5.47 M		5.44 S		5.40 S	5.48 FS	5.40 S	5.41 S	5.40 S	5.46 M	4.93
5	5.44 FS		5.46 S		5.47 S	5.51 S	5.49 S	5.51 S	5.49 S	5.51 S	4.81
6	5.52 S		5.57 S		5.54 S	5.55 S	5.55 S	5.54 S	5.50 S	5.51 S	4.64
7	5.57 S		5.59 S		5.58 S	5.56 S	5.55 S	5.52 S	5.50 S	5.50 S	4.63
8	5.56 S		5.57 S		5.56 S	5.55 S	5.54 S	5.52 S	5.51 S	5.50 S	4.61
9	5.56 S		5.56 S		5.54 S	5.54 CS	5.53 S	5.52 S	5.51 S	5.54 S	4.58
10	5.55 SG		5.58 SG		5.56 S	5.55 CS	5.56 CS	5.55 S	5.55 S	5.55 S	4.66
11	5.57 SG		5.57 SG		5.56 SG	5.56 CS	5.55 CS	5.56 S	5.54 S	5.55 S	4.74
12	5.58 SG		5.57 SG		5.57 SG	5.55 CS	5.57 CS	5.56 S	5.55 S	5.52 S	4.86
13	5.55 SG		5.57 SG		5.56 SG	5.55 CS	5.56 FG	5.55 S	5.55 S	5.55 S	5.00
14	5.52 SG		5.51 SG		5.52 SG	5.52 CS	5.52 SG	5.51 S	5.52 S	5.51 S	5.13
15	5.51 SG		5.50 SG		5.49 SG	5.51 CS	5.49 SG	5.50 S	5.50 S	5.50 S	5.17
16	5.48 FG		5.50 SG		5.49 FG	5.48 FG	5.49 FG	5.48 S	5.48 SG	5.48 S	5.27
17	5.49 FG		5.50 SG		5.48 FG	5.48 FG	5.49 FG	5.48 SG	5.48 SG	5.50 S	5.29
18	5.59 FG		5.62 SG		5.62 FG	5.59 FG	5.60 G	5.63 FG	5.61 SG	5.59 S	5.30
19	5.63 FG		5.61 SG		5.63 FG	5.61 FG	5.61 G	5.62 FG	5.61 SG	5.61 S	5.22
20	5.53 FG		5.52 BM		5.53 FG	5.54 SG	5.53 G	5.53 M	5.54 SG	5.53 S	5.32
21	5.80-		5.80-		5.80-	5.80-	5.80-	5.58 S	5.58-	5.58-	5.41
22	6.62-		6.62-		6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.54
23	6.75-		6.75-		6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75
24	6.80-		6.80-		6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.78
25	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	2.3		2.7		2.7	2.9	3.0	3.3	3.2	3.4	
BED ELEVATION	5.92		5.90		5.88	5.85	5.78	5.72	5.70	5.65	
RIGHT EDGE WATER	20.9		20.8		20.8	20.9	20.9	21.0	20.9	20.7	
BED ELEVATION	5.92		5.61		5.58	5.85	5.78	5.58	5.56	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.
\+ 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 0708, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1300	1625	1350	1153	937	1406	1105	1048	958	946
WATER SURFACE(1)	6.60	6.83	6.98	6.95	6.96	7.21	7.13	6.82	6.38	6.19
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.01+	7.01+	7.01+	7.01+	7.01+	7.01 BM	7.01 BM	7.01-	7.01-	7.01-
1	7.03+	7.03+	7.03+	7.03+	7.03+	7.03 BM	6.98 BM	6.98-	6.98-	6.98-
2	6.30	6.29 S	6.45 BM	6.45 BM	6.39 M	6.26 BM	6.24 M	6.45 BM	6.38 BM	6.38-
3	5.68	5.71 G	5.66 B	5.63 G	5.62 G	5.62 SG	5.65 G	5.61 G	5.64 G	5.65 G
4	5.68	5.65 G	5.60 G	5.57 G	5.59 G	5.59 G	5.56 G	5.55 G	5.60 G	5.61 SG
5	5.70	5.61 G	5.59 G	5.57 G	5.59 G	5.58 G	5.56 G	5.58 G	5.60 G	5.59 S
6	5.70	5.57 G	5.58 G	5.53 G	5.58 G	5.57 G	5.58 G	5.56 G	5.57 G	5.54 G
7	5.64	5.53 G	5.56 G	5.55 G	5.56 G	5.54 G	5.53 G	5.54 G	5.57 S	5.59 S
8	5.62	5.53 G	5.51 G	5.49 G	5.54 B	5.55 SG	5.54 G	5.54 G	5.56 S	5.58 S
9	5.62	5.55 G	5.51 G	5.55 G	5.54 G	5.53 SG	5.55 G	5.54 G	5.56 S	5.58 S
10	5.60	5.53 G	5.51 G	5.53 S	5.56 B	5.53 G	5.55 G	5.54 G	5.55 G	5.54 SG
11	5.56	5.53 S	5.53 G	5.51 S	5.51 G	5.51 G	5.51 G	5.55 S	5.54 G	5.54 G
12	5.56	5.51 S	5.53 SG	5.50 S	5.53 B	5.50 SG	5.54 S	5.53 S	5.53 G	5.52 G
13	5.50	5.45 SG	5.45 SG	5.45 G	5.50 S	5.49 SG	5.50 S	5.47 SG	5.51 S	5.49 G
14	5.44	5.43 S	5.45 S	5.45 S	5.44 S	5.41 S	5.46 S	5.44 SG	5.46 G	5.44 B
15	5.42	5.43 S	5.41 S	5.39 S	5.39 G	5.40 S	5.40 G	5.40 S	5.41 SG	5.43 S
16	5.43	5.37 G	5.43 SG	5.43 S	5.38 B	5.42 SG	5.41 G	5.41 S	5.43 S	5.44 S
17	5.50	5.47 G	5.49 S	5.47 G	5.47 G	5.47 SG	5.47 G	5.48 SG	5.48 SG	5.48 S
18	5.52	5.49	5.54 SG	5.50 G	5.50 S	5.51 SG	5.52 G	5.50 S	5.52 S	5.51 SG
19	5.56	5.51	5.51 SG	5.49 SG	5.49 S	5.50 S	5.49 G	5.49 S	5.50 S	5.51 SG
20	5.85	5.99	5.70 SG	5.73 BM	5.62 G	5.67 S	5.66 S	5.68 S	6.06 BM	5.72 BM
21	6.63+	6.63	6.60 BM	6.67 BM	6.58 BM	6.61 BM	6.58 BM	6.75 BM	6.75-	6.75-
22	6.93+	6.93+	6.93 BM	6.95	6.96	6.92 BM	6.93 BM	6.93-	6.93-	6.93-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	1.8	1.8	1.4	1.5	1.5	< 0.0	< 0.0	1.8	2.0	2.2
BED ELEVATION	6.60	6.83	6.98	6.95	6.96			6.82	6.38	6.13
RIGHT EDGE WATER	20.4	21.5	22.3	22.0	22.0	23.2	22.8	21.4	20.2	20.1
BED ELEVATION	6.60	6.83	6.98	6.95	6.96	7.21	7.13	6.82	6.38	6.04

TABLE 9.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0708, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1315	1329	1514	1259	1145	1257	1208	1350	1355	1313	1319
WATER SURFACE(1)	6.07	6.17	6.39	6.65	6.76	6.58	6.28	6.06	6.05	6.23	6.37
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	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-
2	6.38-	6.38-	6.39 M	6.42 BM	6.35 M	6.38 M	6.38-	6.38-	6.38-	6.23	6.32 BM
3	5.71 S	5.74 FS	5.69 S	5.69 S	5.64 G	5.67 G	5.70 FS	5.65 SG	5.63 G	5.63 G	5.64 S
4	5.57 S	5.65 S	5.62 FS	5.61 S	5.60 G	5.55 SG	5.55 SG	5.57 SG	5.58 SG	5.58 G	5.61 SG
5	5.57 S	5.76 S	5.59 S	5.65 S	5.61 G	5.58 S	5.58 S	5.57 SG	5.57 SG	5.60 G	5.58 FG
6	5.61 S	5.64 S	5.61 S	5.79 S	5.66 M	5.58 S	5.62 SG	5.62 SG	5.63 SG	5.63 G	5.57 FG
7	5.61 S	5.79 S	5.58 S	5.78 S	5.66 S	5.60 S	5.58 SG	5.58 SG	5.58 SG	5.59 G	5.62 S
8	5.55 S	5.64 S	5.54 G	5.69 S	5.65 S	5.57 S	5.56 SG	5.56 SG	5.57 SG	5.57 G	5.59 S
9	5.60 S	5.69 S	5.58 S	5.61 S	5.72 S	5.53 G	5.54 SG	5.54 SG	5.56 SG	5.54 G	5.58 S
10	5.57 S	5.69 S	5.69 S	5.58 S	5.57 SG	5.54 G	5.54 SG	5.54 S	5.55 S	5.56 SG	5.55 S
11	5.61 S	5.77 S	5.66 S	5.56 S	5.63 S	5.53 G	5.53 S	5.53 S	5.54 S	5.54 G	5.52 S
12	5.55 S	5.57 SG	5.61 S	5.58 S	5.58 S	5.56 S	5.53 S	5.52 S	5.54 S	5.52 G	5.48 G
13	5.53 S	5.59 S	5.64 S	5.69 S	5.46 G	5.48 SG	5.48 S	5.47 S	5.49 S	5.47 G	5.45 G
14	5.45 G	5.51 S	5.72 S	5.47 S	5.47 S	5.45 S	5.47 S	5.45 S	5.45 S	5.48 S	5.44 G
15	5.41 G	5.43 SG	5.79 S	5.49 S	5.40 S	5.42 S	5.43 S	5.43 S	5.44 S	5.43 S	5.40 SG
16	5.47 S	5.45 SG	5.83 S	5.51 S	5.53 S	5.45 S	5.47 S	5.44 S	5.46 S	5.46 S	5.41 CG
17	5.54 S	5.48 SG	5.79 S	5.50 S	5.52 S	5.49 S	5.50 S	5.50 S	5.50 S	5.48 S	5.47 S
18	5.57 S	5.54 SG	5.56 S	5.53 S	5.53 S	5.51 SG	5.52 S	5.50 SG	5.52 S	5.52 SG	5.51 SG
19	5.51 S	5.55 S	5.49 SG	5.52 S	5.51 G	5.52 G	5.53 S	5.51 S	5.52 S	5.51 FG	5.50
20	6.07	5.98 BM	5.98 BM	5.65 S	5.65 G	5.73 S	6.02 BM	5.64 BM	6.05 BM	5.69 BM	5.97 BM
21	6.75-	6.75-	6.75-	6.65	6.65 BM	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-
22	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.0	2.1	2.0	1.8	1.9	1.8	2.1	2.4	2.3	2.0	1.9
BED ELEVATION	5.71	6.17	6.39	6.65	6.76	6.28	6.28	6.06	6.05	6.23	6.37
RIGHT EDGE WATER	20.0	20.1	20.2	21.0	21.1	20.5	20.1	20.1	20.0	20.2	20.2
BED ELEVATION	6.07	6.06	6.39	6.65	6.76	6.58	6.22	6.04	6.05	6.23	6.37

TABLE 9.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0708, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1312	1434	1400	1315	1303	1200	1244	1412	1400	1227	1312
WATER SURFACE(1)	6.64	6.77	6.68	6.37	6.27	6.22	6.06	5.95	5.92	5.97	5.98
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	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-
2	6.39 BM	6.38 BM	6.38 BM	6.37 BM	6.27 BM	6.27-	6.27-	6.27-	6.27-	6.27-	6.27-
3	5.61 S	5.66 S	5.62 G	5.62 G	5.65 G	5.64 FG	5.64 G	5.60 G	5.61 G	5.64 BM	5.62 G
4	5.62 S	5.59 S	5.56 G	5.58 G	5.57 G	5.61 G	5.57 FG	5.59 G	5.59 G	5.58 G	5.58 SG
5	5.74 S	5.66 S	5.56 G	5.59 G	5.58 G	5.60 G	5.56 FG	5.55 SG	5.57 G	5.57 G	5.57 SG
6	5.84 S	5.72 S	5.55 G	5.55 G	5.57 FG	5.57 G	5.56 G	5.55 SG	5.57 SG	5.56 SG	5.57 SG
7	5.79 S	5.72 S	5.54 G	5.55 G	5.57 FG	5.58 G	5.55 G	5.55 S	5.54 SG	5.55 SG	5.57 SG
8	5.77 S	5.71 S	5.55 G	5.56 G	5.57 FG	5.57 G	5.53 SG	5.55 S	5.55 SG	5.56 SG	5.56 SG
9	5.76 S	5.63 S	5.52 G	5.57 G	5.56 G	5.55 G	5.53 G	5.54 S	5.55 SG	5.56 SG	5.56 SG
10	5.69 S	5.52 SG	5.52 G	5.54 G	5.55 G	5.56 G	5.54 G	5.52 SG	5.53 SG	5.55 SG	5.56 SG
11	5.61 S	5.57 S	5.48 G	5.55 G	5.54 G	5.54 G	5.53 G	5.52 SG	5.54 SG	5.55 SG	5.55 SG
12	5.54 SG	5.52 S	5.50 S	5.53 G	5.53 G	5.53 G	5.52 G	5.50 SG	5.51 SG	5.55 SG	5.52 SG
13	5.49 G	5.53 G	5.47 G	5.49 SG	5.50 G	5.52 SG	5.48 SG	5.47 S	5.50 SG	5.48 SG	5.49 SG
14	5.42 G	5.42 S	5.45 SG	5.45 S	5.46 S	5.44 SG	5.47 SG	5.44 S	5.45 SG	5.46 SG	5.46 SG
15	5.41 G	5.47 S	5.42 S	5.44 S	5.45 S	5.44 SG	5.45 S	5.46 S	5.44 SG	5.45 SG	5.44 SG
16	5.39 SG	5.40 S	5.40 S	5.44 SG	5.44 S	5.44 SG	5.44 SG	5.48 S	5.43 SG	5.44 SG	5.44 SG
17	5.44 S	5.45 S	5.47 S	5.48 FS	5.49 S	5.49 SG	5.48 SG	5.47 SG	5.49 SG	5.49 S	5.48 SG
18	5.49 S	5.48 SG	5.47 S	5.50 SG	5.53 S	5.52 SG	5.53 SG	5.50 SG	5.52 SG	5.49 SG	5.51 SG
19	5.49 S	5.49 S	5.50 S	5.50 G	5.51 S	5.52 SG	5.52 SG	5.50 SG	5.51	5.50 G	5.51 SG
20	5.64 S	6.16 M	5.61 BM	6.04 BM	5.67 BM	5.65 SG	6.04 BM	5.63 BM	5.65 BM	5.66 BM	5.68 BM
21	6.64 BM	6.75 M	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-
22	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.8	1.7	1.8	2.0	2.0	2.1	2.2	2.4	2.5	2.5	2.3
BED ELEVATION	6.44	6.77	6.47	6.37	6.27	6.22	6.06	5.95	5.92	5.97	5.96
RIGHT EDGE WATER	21.0	21.4	20.9	20.3	20.1	20.2	20.1	20.1	20.0	20.0	20.1
BED ELEVATION	6.64	6.77	6.60	6.24	5.89	5.72	6.06	5.95	5.65	5.66	5.74

TABLE 9.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0708, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-21
TIME	1436	1131	1037	1158	1253	1156	1133	1700	1506	1640	
WATER SURFACE(1)	5.98	6.00	5.96	5.98	5.94	5.91	5.83	5.76	5.75	5.68	
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	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98
2	6.27-	6.27-	6.27-	6.27-	6.27-	6.27-	6.27-	6.27-	6.27-	6.27-	6.23
3	5.67 M	5.67 M	5.65 M	5.65 S	5.62 SG	5.63 SG	5.61 M	5.63 S	5.60 SG	5.63 M	5.55
4	5.58 G	5.59 SG	5.57 G	5.57 S	5.56 SG	5.58 SG	5.56 G	5.56 S	5.57 SG	5.57 M	5.55
5	5.57 G	5.57 SG	5.56 G	5.57 S	5.56 SG	5.57 SG	5.56 G	5.56 M	5.56 FG	5.57 M	5.55
6	5.56 SG	5.56 SG	5.56 G	5.56 SG	5.55 SG	5.56 SG	5.56 SG	5.56 SG	5.56 FG	5.59 M	5.53
7	5.56 SG	5.57 SG	5.55 G	5.56 SG	5.54 SG	5.55 SG	5.54 SG	5.55 SG	5.55 FG	5.63 M	5.53
8	5.57 SG	5.54 SG	5.56 G	5.56 SG	5.55 SG	5.54 SG	5.54 SG	5.54 S	5.55 FG	5.59 S	5.41
9	5.56 SG	5.56 SG	5.55 G	5.55 SG	5.53 SG	5.54 SG	5.53 SG	5.53 S	5.55 SG	5.66 S	5.41
10	5.53 SG	5.54 SG	5.54 G	5.54 SG	5.52 CG	5.54 SG	5.53 S	5.54 S	5.55 SG	5.63 S	5.51
11	5.54 SG	5.52 SG	5.53 G	5.60 SG	5.57 S	5.53 SG	5.55 S	5.55 S	5.55 SG	5.56 S	5.45
12	5.55 SG	5.52 SG	5.48 G	5.54 SG	5.54 SG	5.52 S	5.51 S	5.50 S	5.50 SG	5.52 SG	5.48
13	5.48 SG	5.49 SG	5.58 S	5.52 S	5.46 G	5.51 S	5.48 S	5.49 S	5.48 SG	5.46 SG	5.45
14	5.46 S	5.47 SG	5.54 S	5.48 S	5.53 S	5.51 S	5.45 S	5.46 S	5.45 SG	5.43 SG	5.41
15	5.44 S	5.43 SG	5.54 S	5.50 S	5.51 S	5.48 S	5.43 S	5.42 S	5.41 SG	5.42 SG	5.34
16	5.43 SG	5.42 FG	5.46 S	5.46 S	5.50 S	5.47 S	5.43 S	5.44 S	5.43 SG	5.44 SG	5.37
17	5.47 SG	5.48 G	5.48 SG	5.46 S	5.48 SG	5.49 SG	5.48 SG	5.50 S	5.49 SG	5.48 SG	5.41
18	5.49 SG	5.50 G	5.49 SG	5.51 SG	5.52 SG	5.51 SG	5.50 SG	5.51 S	5.51 SG	5.50 SG	5.46
19	5.49 SG	5.50 G	5.48 SG	5.52 S	5.52 SG	5.51 G	5.51 SG	5.51 SG	5.50 SG	5.52 M	5.48
20	5.68	5.66 BM	5.68 BM	5.69 BM	5.94 BM	5.71 BM	5.63 BM	5.65 S	5.63 BM	5.63-	5.61
21	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.75-	6.58
22	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.92
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.5	2.5	2.5	2.4	2.3	2.5	2.7	2.9	2.8	2.9	
BED ELEVATION	5.98	6.00	5.96	5.98	5.94	5.91	5.83	5.76	5.75	5.68	
RIGHT EDGE WATER	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.1	20.0	19.9	
BED ELEVATION	5.68	5.66	5.68	5.69	5.94	5.71	5.63	5.76	5.63	5.60	

(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 10.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0808, EAST FORK RIVER, WYOMING, 1979

DATE	5-15	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1220	1305	1615	1345	1201	943	1350	1120	1058	1006	950
WATER SURFACE(1)	6.03	6.66	6.88	7.04	7.00	7.01	7.25	7.18	6.88	6.45	6.27
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.17*	7.17-	7.17-	7.17-	7.17-	7.17-	7.17 BM	7.17-	7.17-	7.17-	7.17-
1	7.13*	7.13-	7.13-	7.13-	7.13-	7.13-	7.11 BM	7.11 BM	7.11-	7.11-	7.11-
2	6.98*	6.98-	6.98-	7.04 BM	7.04-	7.04-	6.97 BM	6.98 BM	6.98-	6.98-	6.98-
3	7.01*	7.01-	7.01-	7.02 BM	7.02-	7.02-	7.01 BM	6.93 BM	6.93-	6.93-	6.93-
4	6.90*	6.90-	6.88	6.97 BM	6.94 BM	7.01 BM	6.89 BM	6.86 BM	6.86-	6.86-	6.86-
5	6.16*	6.19	6.14 S	6.27 M	6.10 CS	6.24 SG	6.18 S	6.25 S	6.23 S	6.35 S	6.35-
6	6.06*	6.04	6.02 S	6.17 M	6.13 S	6.18 S	6.17 S	6.18 S	5.96 S	6.22 S	6.22-
7	6.22*	6.06	6.00 S	5.98 G	6.00 G	6.05 S	6.04 S	6.10 S	6.02 S	6.40 S	6.40-
8	6.41*	6.29	6.40 S	6.27 S	6.38 S	6.33 S	6.07 S	6.04 S	6.32 S	6.32-	6.32-
9	6.87*	6.87-	6.87-	6.92 BM	6.90 BM	6.87 BM	6.86 BM	6.88 BM	6.88-	6.88-	6.88-
10	6.92*	6.92-	6.92-	6.92 BM	6.92 BM	6.92 BM	6.93 BM	6.93 BM	6.93-	6.93-	6.93-
11	6.91*	6.91-	6.91-	6.87 BM	6.90 BM	6.90 BM	6.91 BM	6.92 BM	6.92-	6.92-	6.92-
12	6.93*	6.93-	6.93-	6.95 BM	6.92 S	6.92 BM	6.95 BM	6.94 BM	6.94-	6.94-	6.94-
13	6.02	6.10	6.00 S	6.22 M	6.12 S	6.09 M	6.04 BM	6.21 BM	6.17 S	6.15 S	6.01 S
14	5.71	5.68	5.74 S	5.75 S	5.75 S	5.75 S	5.88 S	5.82 S	5.95 S	5.95 S	5.92 S
15	5.63	5.64	5.78 S	5.72 S	5.67 S	5.77 S	5.89 S	5.88 S	5.79 S	5.92 S	5.92 S
16	5.67	5.64	5.82 S	5.72 S	5.75 S	5.80 S	5.95 S	5.86 S	5.88 S	5.95 S	5.82 S
17	5.65	5.74	5.76 S	5.67 S	5.91 S	5.83 S	5.88 S	5.86 S	5.87 S	5.87 S	5.73 S
18	5.71	5.76	5.73 S	5.71 S	5.75 SG	5.83 S	5.91 S	5.90 S	5.81 S	5.74 S	5.82 S
19	5.73	5.75	5.72 G	5.80 S	5.86 S	5.80 S	5.87 S	5.83 S	5.83 S	5.94 S	5.72 S
20	5.75	5.77	5.72 G	5.77 G	5.80 CS	5.87 S	5.85 S	5.93 S	5.85 S	5.89 S	5.78 S
21	5.85	5.76	5.68 G	5.77 G	5.78 G	5.79 G	5.75 G	5.80 SG	5.81 G	5.80 S	5.75 G
22	5.82	5.73	5.72 G	5.77 G	5.79 G	5.74 G	5.75 G	5.73 G	5.77 G	5.76 G	5.75 G
23	5.86	5.77	5.78 G	5.80 G	5.80 G	5.77 G	5.79 G	5.78 G	5.78 G	5.80 G	5.77 G
24	5.91	5.90	5.80 G	5.82 G	5.83 G	5.80 G	5.84 G	5.85 G	5.88 G	5.87 G	5.84 G
25	5.98	5.96	5.90 G	5.91 G	5.90 G	5.92 G	5.94 G	5.94 G	5.95 G	5.94 G	5.92 G
26	5.97	5.98	5.92 G	5.94 G	5.95 G	5.95 G	5.94 G	5.95 G	5.97 G	5.99 G	5.97 G
27	5.97	5.98	5.92 CG	5.93 G	5.93 G	5.93 G	5.94 G	5.95 G	6.03 G	6.02 G	6.00 G
28	5.93	5.96	5.90 G	5.91 G	5.91 G	5.91 G	5.93 G	6.00 G	6.06 G	6.07 G	6.07 G
29	5.93	6.16	5.92 G	5.94 G	5.94 G	5.92 G	5.97 SG	6.05 G	6.10 G	6.23 BM	6.07 G
30	6.56*	6.56	6.58 G	6.56	6.55 BM	6.54 BM	6.57 S	6.56 BM	6.60 M	6.60-	6.60-
31	6.70*	6.66	6.56	6.56-	6.72 BM	6.73	6.74 BM	6.71	6.73 M	6.73-	6.73-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	12.9	4.3	4.0	2.0	3.6	4.0	< 0.0	0.5	4.2	4.5	12.5
BED ELEVATION	6.03	6.66	6.88	7.04	7.00	7.01		7.18	6.88	6.45	6.27
RIGHT EDGE WATER	29.2	31.0	31.4	31.8	31.6	31.6	31.6	31.7	31.5	29.5	29.3
BED ELEVATION	6.03	6.66	6.88	7.04	7.00	7.01	7.16	7.16	6.88	6.45	6.27
LEFT EDGE BAR		8.6	8.7						8.6	7.4	
BED ELEVATION		6.66	6.88						6.86	6.45	
RIGHT EDGE BAR		12.2	12.2						12.5	12.4	
BED ELEVATION		6.54	6.88						6.88	6.45	

TABLE 10.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0808, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1316	1321	1458	1244	1142	1245	1157	1335	1343	1304	1312
WATER SURFACE(1)	6.19	6.26	6.46	6.72	6.82	6.63	6.35	6.16	6.14	6.30	6.44
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-
1	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-
2	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-
3	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-
4	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-
5	6.35-	6.35-	6.39 S	6.36 S	6.25 S	6.22 S	6.22 S	6.22-	6.22-	6.22-	6.29 S
6	6.22-	6.22-	6.25 S	6.27 S	6.16 S	6.00 S	6.11 S	6.11-	6.11-	6.11-	6.26 S
7	6.40-	6.40-	6.28 S	6.36 S	6.32 S	6.22 S	6.25 S	6.25-	6.25-	6.25-	6.22 S
8	6.32-	6.32-	6.46 S	6.45 S	6.62 S	6.55 S	6.55-	6.55-	6.55-	6.55-	6.55-
9	6.88-	6.88-	6.88-	6.88-	6.82	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-
10	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-
11	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-
12	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-
13	6.06 FS	6.04 BM	6.03 FS	6.02 S	6.05 M	6.05 S	6.04 FS	5.95 BM	6.00 M	6.07 BM	6.02 BM
14	5.87 S	5.75 FS	5.71 FS	5.70 S	5.62 G	5.82 S	5.83 S	5.89 S	5.79 S	5.69 S	5.67 G
15	5.93 S	5.82 S	5.71 S	5.70 S	5.54 SG	5.89 S	5.95 S	5.80 S	5.80 S	5.67 S	5.66 S
16	5.85 S	5.83 S	5.71 S	5.79 S	5.65 S	5.91 SG	5.93 S	5.82 S	5.79 S	5.66 S	5.66 S
17	5.77 S	5.81 CS	5.74 CS	5.67 SG	5.67 S	5.90 S	5.92 SG	5.76 S	5.74 S	5.63 G	5.68 S
18	5.77 S	5.75 SG	5.71 FG	5.70 SG	5.74 S	5.86 S	5.93 FG	5.75 S	5.68 SG	5.68 G	5.68 G
19	5.77 S	5.71 G	5.72 G	5.71 G	5.70 SG	5.77 S	5.82 FG	5.75 SG	5.72 G	5.71 G	5.74 G
20	5.74 CG	5.78 G	5.77 G	5.80 SG	5.76 SG	5.76 G	5.80 G	5.79 G	5.75 G	5.77 CG	5.74 G
21	5.82 CG	5.77 G	5.78 G	5.79 G	5.75 SG	5.77 G	5.80 G	5.76 G	5.79 G	5.77 CG	5.76 G
22	5.83 CG	5.77 G	5.80 G	5.81 G	5.75 SG	5.78 G	5.80 CG	5.75 G	5.76 G	5.79 CG	5.79 G
23	5.86 CG	5.84 G	5.83 G	5.81 G	5.77 SG	5.83 G	5.83 CG	5.81 G	5.84 G	5.85 CG	5.81 G
24	5.94 CG	5.91 G	5.91 G	5.90 G	5.88 SG	5.90 G	5.92 CG	5.90 G	5.89 G	5.91 CG	5.90 G
25	5.93 CG	5.94 G	5.95 CG	5.97 G	5.95 SG	5.98 G	6.00 CG	5.95 G	5.96 G	5.93 CG	5.94 G
26	5.97 CG	5.99 G	6.01 CG	6.00 G	5.96 SG	6.00 G	6.03 CG	5.99 G	5.99 G	6.00 CG	5.99 G
27	6.05 CG	6.03 G	6.03 CG	6.06 G	6.00 SG	6.06 G	6.06 CG	6.03 G	6.04 G	6.03 CG	6.04 G
28	6.08 CG	6.06 G	6.08 CG	6.10 G	6.06 SG	6.10 G	6.10 CG	6.07 G	6.08 G	6.10 CG	6.09 G
29	6.09 CG	6.09 G	6.12 G	6.11 G	6.09 SG	6.11 G	6.16 BM	6.11 G	6.08 G	6.11 CG	6.10 G
30	6.60-	6.60-	6.60-	6.59 BM	6.57 BM	6.60 S	6.60-	6.60-	6.60-	6.60-	6.60-
31	6.73-	6.73-	6.73-	6.73-	6.82	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	12.7	12.7	4.5	4.3	4.2	4.2	4.6	12.8	12.9	12.6	4.5
BED ELEVATION	6.19	6.24	6.46	6.66	6.82	6.43	6.35	6.16	6.04	6.30	6.44
RIGHT EDGE WATER	29.1	29.2	29.6	30.9	31.0	30.6	29.2	29.1	29.2	29.3	29.6
BED ELEVATION	6.19	6.26	6.46	6.72	6.82	6.63	6.35	6.16	6.10	6.30	6.44
LEFT EDGE BAR			8.0	8.6	9.0	8.6	7.2				7.5
BED ELEVATION			6.46	6.60	6.82	6.53	6.35				6.44
RIGHT EDGE BAR			12.3	12.2	12.1	12.2	12.4				12.4
BED ELEVATION			6.46	6.57	6.82	6.63	6.35				6.44

TABLE 10.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0808, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1304	1423	1345	1320	1300	1154	1242	1400	1355	1220	1307
WATER SURFACE(1)	6.71	6.84	6.74	6.42	6.33	6.27	6.14	6.05	6.02	6.07	6.08
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-	7.17-
1	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-
2	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-
3	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-
4	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-	6.86-
5	6.30 FS	6.19 S	6.19 S	6.13 BM	6.19 BM	6.16 S	6.16-	6.16-	6.16-	6.16-	6.16-
6	6.16 FS	6.14 S	6.07 S	6.08 S	6.12 S	6.13 S	6.13-	6.13-	6.13-	6.13-	6.13-
7	6.23 S	6.04 S	6.01 SG	6.19 S	6.20 S	6.18 S	6.18-	6.18-	6.18-	6.18-	6.18-
8	6.58 S	6.53 S	6.44 S	6.44-	6.44-	6.44-	6.44-	6.44-	6.44-	6.44-	6.44-
9	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-
10	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-
11	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-
12	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-
13	6.06 M	6.09 BM	6.09 S	6.13 FS	6.08 S	6.12 S	6.12 FS	6.05 BM	6.00 S	6.07 BM	6.01 BM
14	5.70 SG	5.71 G	5.74 S	5.77 S	5.80 S	5.75 S	5.72 FS	5.71 SG	5.69 G	5.66 G	5.67 FG
15	5.66 S	5.68 G	5.71 S	5.84 S	5.75 S	5.73 S	5.72 S	5.65 S	5.62 G	5.62 G	5.62 FG
16	5.68 S	5.64 G	5.68 S	5.76 S	5.83 S	5.77 S	5.70 SG	5.65 G	5.65 G	5.63 G	5.66 G
17	5.65 SG	5.64 G	5.65 G	5.80 S	5.70 S	5.71 S	5.66 G	5.65 G	5.65 G	5.66 G	5.66 G
18	5.68 G	5.68 G	5.69 G	5.77 CS	5.75 SG	5.67 S	5.66 G	5.67 G	5.68 G	5.68 G	5.68 G
19	5.72 G	5.71 G	5.73 G	5.73 G	5.69 G	5.71 G	5.70 G	5.71 G	5.70 G	5.71 G	5.72 G
20	5.77 G	5.74 G	5.74 G	5.75 G	5.73 G	5.75 G	5.74 G	5.75 G	5.74 G	5.76 G	5.74 G
21	5.76 G	5.79 G	5.80 G	5.77 G	5.76 G	5.79 G	5.79 CG	5.79 G	5.81 G	5.79 G	5.84 G
22	5.73 G	5.82 G	5.83 G	5.77 G	5.80 G	5.83 G	5.82 CG	5.81 G	5.83 G	5.83 G	5.84 G
23	5.77 G	5.84 G	5.84 G	5.81 G	5.79 G	5.85 G	5.85 CG	5.86 G	5.88 G	5.87 G	5.88 G
24	5.87 G	5.88 G	5.89 G	5.88 G	5.89 G	5.88 G	5.88 CG	5.88 G	5.88 G	5.87 G	5.88 G
25	5.93 G	5.94 G	5.94 G	5.93 G	5.92 G	5.96 G	5.94 CG	5.92 CG	5.92 G	5.94 G	5.94 G
26	5.97 G	5.96 G	6.00 G	5.97 G	5.99 G	6.00 G	5.99 CG	5.97 CG	5.99 G	5.98 G	6.00 G
27	6.01 G	5.99 G	6.02 G	5.98 G	5.99 G	6.01 G	6.00 CG	5.99 CG	5.99 G	6.00 G	6.01 G
28	6.07 G	6.08 G	6.07 G	6.08 G	6.09 G	6.08 G	6.08 CG	6.08-	6.08-	6.06 G	6.07 G
29	6.08 G	6.12 G	6.12 G	6.09 G	6.08 G	6.08 G	6.09 CG	6.04 CG	6.04-	6.06 G	6.07 G
30	6.56	6.59 G	6.59 BM	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-	6.59-
31	6.71	6.72 G	6.70 BM	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-	6.70-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	4.4	4.2	4.2	4.6	4.9	4.9	12.9	13.0	12.9	13.0	12.9
BED ELEVATION	6.49	6.59	6.59	6.42	6.33	6.27	6.14	6.05	6.02	6.07	6.08
RIGHT EDGE WATER	31.0	31.4	31.2	29.6	29.3	29.2	29.2	29.1	27.3	29.1	29.2
BED ELEVATION	6.71	6.84	6.74	6.42	6.33	6.10	6.08	6.05	6.02	6.06	6.08
LEFT EDGE BAR	8.7	8.8	8.7	7.9	7.7	7.5		27.8			
BED ELEVATION	6.58	6.84	6.59	6.42	6.33	6.27		6.05			
RIGHT EDGE BAR	12.2	12.2	12.1	12.4	12.5	12.7		28.8			
BED ELEVATION	6.61	6.61	6.69	6.42	6.33	6.27		6.05			

TABLE 10.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0808, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-15
TIME	1429	1129	1036	1156	1247	1154	1126	1650	1502	1622	
WATER SURFACE(1)	6.08	6.10	6.07	6.08	6.05	6.03	5.97	5.92	5.91	5.85	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.17-				7.17-		7.17-	7.17-	7.17-	7.17-	7.17
1	7.11-				7.11-		7.11-	7.11-	7.11-	7.11-	7.11
2	6.98-				6.98-		6.98-	6.98-	6.98-	6.98-	6.97
3	6.93-				6.93-		6.93-	6.93-	6.93-	6.93-	6.93
4	6.86-				6.86-		6.86-	6.86-	6.86-	6.86-	6.86
5	6.16-				6.16-		6.16-	6.16-	6.16-	6.16-	5.85
6	6.13-				6.13-		6.13-	6.13-	6.13-	6.13-	5.94
7	6.18-				6.18-		6.18-	6.18-	6.18-	6.18-	5.93
8	6.44-				6.44-		6.44-	6.44-	6.44-	6.44-	5.87
9	6.82-				6.82-		6.82-	6.82-	6.82-	6.82-	6.82
10	6.93-				6.93-		6.93-	6.93-	6.93-	6.93-	6.92
11	6.92-				6.92-		6.92-	6.92-	6.92-	6.92-	6.87
12	6.94-				6.94-		6.94-	6.94-	6.94-	6.94-	6.92
13	6.00 8M				6.03 8M		6.03-	6.03-	6.03-	6.03-	5.95
14	5.68 G				5.64 G		5.67 G	5.67 SG	5.66 SG	5.67 G	5.62
15	5.60 SG				5.63 G		5.66 G	5.62 SG	5.60 SG	5.63 G	5.54
16	5.65 G				5.67 G		5.66 G	5.66 SG	5.66 SG	5.67 G	5.63
17	5.65 G				5.66 G		5.66 G	5.64 G	5.65 SG	5.65 G	5.63
18	5.68 G				5.68 G		5.67 G	5.67 G	5.68 G	5.68 G	5.66
19	5.70 G				5.72 G		5.70 G	5.70 G	5.72 G	5.70 G	5.69
20	5.74 G				5.75 G		5.75 G	5.76 G	5.75 G	5.75 G	5.47
21	5.78 G				5.82 G		5.83 G	5.83 G	5.77 G	5.80 G	5.67
22	5.81 G				5.83 G		5.84 G	5.83 G	5.85 G	5.82 G	5.61
23	5.86 G				5.88 G		5.91 G	5.87 G	5.90 G	5.90-	5.69
24	5.87 G				5.89 G		5.87 G	5.88 G	5.91 G	5.91-	5.79
25	5.90 G				5.93 G		5.92 G	5.92-	5.92-	5.92-	5.90
26	5.97 G				5.96 G		5.97 G	5.97-	5.97-	5.97-	5.91
27	5.97 G				5.99 G		5.99-	5.99-	5.99-	5.99-	5.91
28	6.07 G				6.07-		6.07-	6.07-	6.07-	6.07-	5.83
29	6.07 G				6.07-		6.07-	6.07-	6.07-	6.07-	5.83
30	6.59-				6.59-		6.59-	6.59-	6.59-	6.59-	6.54
31	6.70-				6.70-		6.70-	6.70-	6.70-	6.70-	6.56
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	12.9				12.9		13.1	13.4	13.2	13.4	
BED ELEVATION	6.08				6.05		5.97	5.92	5.91	5.85	
RIGHT EDGE WATER	29.2				27.9		26.0	24.2	24.0	27.6	
BED ELEVATION	6.07				6.05		5.97	5.92	5.91	5.85	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\- 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 0898, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1310	1615	1340	1142	951	1338	1134	1107	1015	958
WATER SURFACE(1)	6.74	6.96	7.08	7.08	7.11	7.32	7.26	6.97	6.63	6.44
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.24+	7.24+	7.24+	7.24+	7.24+	7.24 BM	7.26 BM	7.26-	7.26-	7.26-
1	7.14+	7.14+	7.14+	7.14+	7.14+	7.14 BM	7.14 BM	7.14-	7.14-	7.14-
2	7.11+	7.11+	7.11+	7.11+	7.11 BM	7.09 BM	7.08 BM	7.08-	7.08-	7.08-
3	6.98+	6.98+	6.98 BM	6.98 BM	7.01 BM	7.00 BM	6.99 BM	6.99-	6.99-	6.99-
4	6.86+	6.86 BM	6.83 BM	6.84 BM	6.87 BM	6.83 BM	6.83 BM	6.82 BM	6.82-	6.82-
5	6.91+	6.91 BM	6.90 BM	6.84 BM	6.91 BM	6.90 BM	6.88 BM	6.89 BM	6.89-	6.89-
6	6.78+	6.78 BM	6.76 BM	6.78 BM	6.81 BM	6.76 BM	6.76 BM	6.79 BM	6.79-	6.79-
7	6.77+	6.77 BM	6.79 BM	6.82 BM	6.79 BM	6.80 BM	6.81 BM	6.79 BM	6.79-	6.79-
8	6.78+	6.78 BM	6.75 BM	6.76 BM	6.78 BM	6.72 BM	6.74 BM	6.76 BM	6.76-	6.76-
9	6.74	6.69 BM	6.66 BM	6.66 BM	6.71 BM	6.71 BM	6.71 BM	6.67 BM	6.67-	6.67-
10	6.47	6.46 BM	6.51 BM	6.42 BM	6.48 BM	6.50 BM	6.49 BM	6.43 BM	6.55 BM	6.44
11	6.16	6.03 S	6.13 S	5.98 SG	6.11 S	6.12 S	6.14 S	6.00 S	6.06 S	5.99 S
12	5.97	5.92 G	5.98 G	5.93 G	5.91 G	5.92 S	5.94 S	5.97 S	6.01 HB	5.99 S
13	5.92	5.90 B	5.93 G	5.88 SG	5.87 G	5.93 S	5.84 G	5.87 S	5.89 G	5.89 SG
14	5.84	5.87 G	5.85 G	5.78 G	5.81 G	5.85 S	5.81 G	5.85 S	5.87 S	5.83 SG
15	5.78	5.82 G	5.83 G	5.78 G	5.81 G	5.82 S	5.76 G	5.80 S	5.87 S	5.81 SG
16	5.75	5.78 SG	5.81 S	5.74 G	5.76 G	5.74 S	5.71 G	5.76 G	5.81 S	5.78 SG
17	5.71	5.76 G	5.71 G	5.73 G	5.71 SG	5.72 SG	5.70 G	5.71 S	5.73 G	5.74 G
18	5.81	5.74 G	5.76 G	5.73 G	5.76 G	5.72 G	5.73 G	5.75 G	5.78 G	5.77 G
19	5.83	5.76 SG	5.71 G	5.78 G	5.74 G	5.74 SG	5.74 G	5.75 G	5.79 G	5.77 G
20	5.76	5.76 SG	5.76 G	5.76 G	5.77 G	5.73 G	5.76 G	5.75 G	5.80 G	5.77 G
21	5.76	5.76 G	5.73 G	5.76 G	5.76 G	5.73 G	5.74 G	5.76 G	5.80 G	5.81 G
22	5.78	5.81 G	5.75 G	5.78 G	5.76 G	5.75 G	5.75 G	5.78 G	5.81 G	5.81 G
23	5.83	5.81 G	5.82 G	5.78 G	5.81 G	5.80 G	5.79 G	5.83 G	5.86 G	5.84 G
24	5.94	5.92 G	5.85 G	5.93 G	5.87 G	5.90 G	5.88 G	5.89 G	5.95 G	5.94 G
25	6.22	6.12 G	6.08 G	6.08 G	6.11 G	6.08 G	6.07 G	6.05 G	6.19 G	6.19 G
26	6.58	6.52 G	6.60 G	6.50 G	6.51 G	6.46 G	6.44 G	6.54 G	6.59 G	6.59-
27	7.03+	7.03+	7.03 BM	7.08 BM	7.11 BM	7.02 BM	7.11 BM	7.11-	7.11-	7.11-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	9.0	3.1	2.1	2.1	2.0	< 0.0	0.0	3.1	9.8	10.0
BED ELEVATION	6.74	6.96	7.08	7.08	7.11		7.26	6.97	6.63	6.44
RIGHT EDGE WATER	26.5	26.8	27.1	27.0	27.0	27.5	27.2	26.8	26.2	25.5
BED ELEVATION	6.74	6.81	7.08	7.08	7.11	7.32	7.26	6.97	6.63	6.44

TABLE 11.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0898, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1305	1314	1502	1240	1135	1237	1150	1329	1340	1310	1310
WATER SURFACE(1)	6.34	6.42	6.59	6.80	6.89	6.75	6.52	6.33	6.30	6.46	6.57
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-	7.26-	7.26-	7.26-	7.26-
1	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-
2	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-
3	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-
4	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-
5	6.89-	6.89-	6.89-	6.89-	6.89 BM	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-
6	6.79-	6.79-	6.79-	6.79-	6.80 BM	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-
7	6.79-	6.79-	6.79-	6.79 BM	6.78 BM	6.78-	6.78-	6.78-	6.78-	6.78-	6.78-
8	6.76-	6.76-	6.76-	6.80 BM	6.80 BM	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-
9	6.67-	6.67-	6.67-	6.69 BM	6.69 BM	6.73 BM	6.73-	6.73-	6.73-	6.73-	6.73-
10	6.44-	6.44-	6.48 BM	6.50 BM	6.45 BM	6.52 BM	6.52-	6.52-	6.52-	6.46 FS	6.47 S
11	6.09 S	6.07 FS	6.05 S	6.00 S	5.96 SG	5.96 FG	5.97 FS	5.97 FS	5.99 FS	5.97 S	6.03 S
12	6.07 S	6.02 SG	6.02 S	5.96 G	5.97 G	5.96 G	5.98 SG	6.01 SG	5.99 S	5.96 SG	5.99 G
13	5.98 S	5.95 SG	5.89 S	5.88 G	5.89 G	5.87 G	5.90 SG	5.91 SG	5.88 SG	5.90 G	5.92 G
14	5.89 S	5.88 SG	5.85 S	5.82 G	5.84 G	5.87 G	5.85 G	5.86 SG	5.85 G	5.85 SG	5.87 G
15	5.82 S	5.85 SG	5.82 G	5.86 S	5.84 SG	5.82 G	5.86 SG	5.82 SG	5.85 SG	5.82 SG	5.82 G
16	5.84 S	5.82 SG	5.77 SG	5.75 G	5.79 G	5.79 G	5.82 G	5.81 SG	5.82 SG	5.77 SG	5.79 G
17	5.78 S	5.80 SG	5.74 G	5.72 G	5.73 G	5.75 G	5.78 G	5.76 SG	5.78 SG	5.76 SG	5.77 G
18	5.78 G	5.79 G	5.75 G	5.74 G	5.76 G	5.76 G	5.78 G	5.77 SG	5.80 SG	5.76 G	5.77 G
19	5.84 G	5.81 G	5.79 G	5.76 G	5.78 G	5.76 G	5.82 G	5.78 SG	5.83 G	5.81 G	5.78 G
20	5.82 G	5.82 G	5.76 SG	5.75 G	5.76 G	5.80 G	5.80 G	5.79 G	5.85 G	5.80 G	5.79 G
21	5.82 G	5.83 G	5.79 G	5.80 G	5.80 G	5.80 G	5.84 G	5.81 G	5.84 G	5.81 G	5.82 G
22	5.81 G	5.82 G	5.79 G	5.78 G	5.79 G	5.81 G	5.85 G	5.81 G	5.82 G	5.84 G	5.81 G
23	5.86 G	5.86 G	5.83 G	5.82 G	5.83 G	5.85 G	5.85 G	5.86 G	5.88 G	5.86 G	5.86 G
24	5.96 G	5.97 G	5.93 G	5.94 G	5.93 G	5.94 G	5.97 G	5.95 G	5.98 G	5.95 G	5.97 G
25	6.12 G	6.20 G	6.11 SG	6.14 G	6.16 G	6.12 G	6.15 G	6.22 G	6.16 G	6.20 G	6.17 G
26	6.59-	6.59-	6.59	6.50 G	6.52 G	6.56 G	6.56-	6.56-	6.56-	6.56-	6.55 G
27	7.11-	7.11-	7.11-	7.11-	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	10.2	10.1	9.6	6.9	5.0	8.8	10.0	10.3	10.2	10.0	9.9
BED ELEVATION	6.34	6.42	6.59	6.80	6.89	6.75	6.52	6.21	6.24	6.46	6.57
RIGHT EDGE WATER	24.5	25.7	26.0	26.6	26.6	26.6	25.8	25.4	25.3	25.7	26.2
BED ELEVATION	6.34	6.42	6.59	6.80	6.79	6.75	6.52	6.33	6.30	6.46	6.57

TABLE 11.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0898, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1300	1418	1340	1312	1257	1148	1236	1354	1400	1228	1302
WATER SURFACE(1)	6.78	6.90	6.81	6.57	6.49	6.45	6.32	6.25	6.22	6.27	6.27
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-	7.26-	7.26-	7.26-	7.26-
1	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-
2	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-	7.08-
3	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-
4	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-
5	6.89-	6.90 BM	6.90-	6.90-	6.90-	6.90-	6.90-	6.90-	6.90-	6.90-	6.90-
6	6.80-	6.80 BM	6.79 BM	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-	6.79-
7	6.78-	6.77 BM	6.77 BM	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-
8	6.80-	6.78 BM	6.80 BM	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-	6.80-
9	6.72	6.66 BM	6.69 BM	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-	6.69-
10	6.43 S	6.49 BM	6.49 BM	6.45 BM	6.44 BM	6.44-	6.44-	6.44-	6.44-	6.44-	6.44-
11	5.93 S	5.92 G	5.93 FG	5.96 FS	5.99 S	5.98 S	5.99 FS	5.99 FS	5.96 M	5.99 M	5.97 BM
12	5.94 CS	5.96 G	5.93 FG	5.96 SG	5.99 G	5.97 G	5.98 G	5.98 G	5.97 G	5.96 G	5.96 G
13	5.88 G	5.87 G	5.89 G	5.90 G	5.89 G	5.91 G	5.90 G	5.89 G	5.89 G	5.88 G	5.89 G
14	5.82 G	5.82 G	5.83 G	5.84 G	5.87 G	5.87 G	5.87 G	5.86 G	5.86 G	5.85 G	5.86 G
15	5.80 G	5.81 G	5.80 G	5.82 G	5.85 G	5.84 G	5.85 SG	5.82 SG	5.82 G	5.82 G	5.84 G
16	5.74 G	5.74 G	5.81 G	5.81 G	5.78 G	5.83 SG	5.81 SG	5.82 SG	5.81 SG	5.80 G	5.82 SG
17	5.72 G	5.71 G	5.77 G	5.77 G	5.79 G	5.78 G	5.76 SG	5.78 SG	5.79 G	5.76 G	5.77 G
18	5.73 G	5.65 G	5.76 G	5.74 G	5.79 G	5.78 G	5.81 SG	5.79 SG	5.79 SG	5.78 G	5.83 G
19	5.74 G	5.75 SG	5.80 G	5.80 G	5.80 G	5.80 G	5.82 CG	5.83 SG	5.81 G	5.82 G	5.84 G
20	5.75 G	5.74 G	5.76 G	5.81 G	5.80 G	5.82 G	5.83 CG	5.83 G	5.83 G	5.85 G	5.85 G
21	5.76 G	5.76 G	5.80 G	5.82 G	5.84 G	5.83 G	5.83 CG	5.84 G	5.81 G	5.83 G	5.84 G
22	5.77 G	5.76 G	5.79 G	5.81 G	5.81 G	5.84 G	5.82 CG	5.83 G	5.85 G	5.83 G	5.85 G
23	5.78 G	5.80 G	5.85 G	5.83 G	5.88 G	5.85 G	5.86 CG	5.88 G	5.87 G	5.88 G	5.89 G
24	5.90 G	5.88 G	5.92 G	5.94 G	5.98 G	5.90 G	5.96 CG	5.97 G	5.97 G	5.97 G	5.96 G
25	6.05 G	6.09 G	6.16 G	6.15 G	6.19 G	6.16 G	6.15 CG	6.18 G	6.17	6.19	6.18 G
26	6.54 G	6.56 G	6.56 G	6.57 G	6.57-	6.57-	6.57-	6.57-	6.57-	6.57-	6.57-
27	7.11-	7.11-	7.11-	7.11-	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	8.8	5.0	5.8	9.7	9.9	10.1	10.2	10.3	10.2	10.2	10.2
BED ELEVATION	6.78	6.90	6.81	6.57	6.49	6.45	6.25	6.15	6.14	6.23	6.24
RIGHT EDGE WATER	26.8	26.8	26.7	26.0	25.9	25.8	25.4	25.2	25.1	25.3	25.3
BED ELEVATION	6.78	6.90	6.81	6.57	6.49	6.45	6.32	6.25	6.22	6.27	6.27

TABLE 11.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0898, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-21
TIME	1423	1127	1034	1154	1250	1151	1120	1640	1432	1602	
WATER SURFACE(1)	6.28	6.29	6.27	6.28	6.25	6.24	6.18	6.13	6.13	6.08	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.26-				7.26-		7.26-	7.26-	7.26-	7.26-	7.24
1	7.14-				7.14-		7.14-	7.14-	7.14-	7.14-	7.14
2	7.08-				7.08-		7.08-	7.08-	7.08-	7.08-	7.08
3	6.99-				6.99-		6.99-	6.99-	6.99-	6.99-	6.98
4	6.82-				6.82-		6.82-	6.82-	6.82-	6.82-	6.82
5	6.90-				6.90-		6.90-	6.90-	6.90-	6.90-	6.84
6	6.79-				6.79-		6.79-	6.79-	6.79-	6.79-	6.76
7	6.77-				6.77-		6.77-	6.77-	6.77-	6.77-	6.77
8	6.80-				6.80-		6.80-	6.80-	6.80-	6.80-	6.72
9	6.69-				6.69-		6.69-	6.69-	6.69-	6.69-	6.66
10	6.44-				6.44-		6.44-	6.44-	6.44-	6.44-	5.89
11	5.98 M				5.99 M		5.96 M	5.97 M	5.97 S	5.97 G	5.91
12	5.99 G				5.95 G		5.95 G	5.93 SG	5.94 G	5.93 G	5.80
13	5.89 G				5.87 G		5.88 G	5.87 SG	5.88 G	5.89 G	5.84
14	5.86 G				5.86 G		5.85 G	5.83 SG	5.85 G	5.85 G	5.78
15	5.85 G				5.80 G		5.84 G	5.81 SG	5.83 SG	5.83 G	5.76
16	5.80 SG				5.81 SG		5.80 G	5.80 SG	5.81 SG	5.81 G	5.71
17	5.75 SG				5.76 SG		5.78 G	5.78 SG	5.77 G	5.77 G	5.70
18	5.78 G				5.77 G		5.85 S	5.81 SG	5.83 G	5.86 G	5.65
19	5.79 G				5.80 G		5.82 G	5.83 SG	5.82 G	5.83 G	5.71
20	5.81 G				5.81 G		5.81 G	5.83 SG	5.82 G	5.83 G	5.73
21	5.84 G				5.82 G		5.83 G	5.81 SG	5.83 G	5.83 G	5.73
22	5.86 G				5.84 G		5.83 G	5.81 SG	5.84 G	5.84 G	5.75
23	5.88 G				5.88 G		5.88 G	5.85 G	5.88 G	5.87 G	5.78
24	5.97 G				5.99 G		5.97 G	5.98 G	5.99 G	5.99 G	5.85
25	6.18 G				6.13 G		6.17 G	6.17-	6.17-	6.17-	6.05
26	6.57-				6.57-		6.57-	6.57-	6.57-	6.57-	6.44
27	7.11-				7.11-		7.11-	7.11-	7.11-	7.11-	7.02
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	10.3				10.1		10.3	10.1	10.3	10.3	
BED ELEVATION	6.17				6.15		6.18	6.13	6.07	6.08	
RIGHT EDGE WATER	25.1				25.2		25.1	24.9	24.9	24.6	
BED ELEVATION	6.28				6.25		6.18	6.13	6.13	6.08	

(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 12.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0985, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1330	1600	1340	1149	955	1332	1145	1120	1030	1009
WATER SURFACE(1)	6.87	7.12	7.24	7.22	7.23	7.50	7.41	7.10	6.71	6.51
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.48+	7.48+	7.48+	7.48+	7.48+	7.48	7.48-	7.48-	7.48-	7.48-
1	7.32+	7.32+	7.32+	7.32+	7.32+	7.32	7.16 BM	7.16-	7.16-	7.16-
2	7.06+	7.06 SG	7.03 S	7.03 S	7.03 SG	7.06 S	7.09 S	7.05 S	7.05-	7.05-
3	6.97+	6.97 SG	6.96 S	6.95 S	6.93 SG	6.97 S	6.94 S	7.02 S	7.02-	7.02-
4	6.96+	6.96 SG	6.93 S	6.94 S	6.97 SG	7.00 S	6.95 S	7.04 S	7.04-	7.04-
5	6.94+	6.94 SG	6.93 S	6.92 S	6.95 SG	6.98 S	7.03 S	7.04 S	7.04-	7.04-
6	6.83	6.86 S	6.85 S	6.87 S	6.93 SG	6.92 S	7.03 S	7.06 S	7.06-	7.06-
7	6.81	6.86 S	6.84 S	6.83 S	6.84 SG	6.97 S	6.97 S	6.98 S	6.98-	6.98-
8	6.81	6.84 S	6.89 S	6.82 S	6.84 SG	7.00 S	7.04 S	6.93 S	6.93-	6.93-
9	6.80	6.86 S	6.84 S	6.85 S	6.81 S	6.91 S	7.06 S	6.89 S	6.89-	6.89-
10	6.69	6.76 S	6.75 S	6.76 S	6.73 S	6.80 S	6.93 S	6.75 S	6.75-	6.75-
11	6.50	6.62 S	6.54 S	6.72 S	6.71 S	6.68 S	6.76 S	6.68 S	6.65 S	6.65-
12	6.50	6.62 S	6.54 S	6.64 S	6.77 S	6.65 S	6.81 S	6.65 S	6.60 S	6.60-
13	6.46	6.44 S	6.63 S	6.52 S	6.69 S	6.54 S	6.63 S	6.62 S	6.58 S	6.58-
14	6.40	6.44 S	6.45 S	6.46 S	6.63 S	6.68 S	6.46 S	6.54 S	6.53 S	6.53-
15	6.39	6.42 S	6.42 S	6.42 S	6.48 S	6.60 S	6.45 S	6.50 S	6.48 S	6.45 S
16	6.38	6.38 S	6.36 S	6.22 S	6.27 S	6.37 S	6.40 S	6.53 S	6.41 S	6.40 SG
17	6.36	6.32 S	6.16 S	6.26 S	6.13 S	6.44 S	6.25 S	6.43 S	6.34 S	6.31 SG
18	6.28	6.20 S	6.13 S	6.22 S	6.18 S	6.39 S	6.24 S	6.37 S	6.29 SG	6.30 SG
19	6.14	6.14 S	6.24 S	6.32 S	6.18 S	6.31 S	6.24 S	6.29 S	6.26 S	6.26 SG
20	6.16	6.16 S	6.24 S	6.35 S	6.09 S	6.20 S	6.27 S	6.24 S	6.20 S	6.17 SG
21	6.19	6.14 S	6.23 S	6.20 S	6.11 S	6.16 S	6.27 S	6.14 S	6.11 S	6.09 SG
22	6.23	6.18 S	6.12 S	6.14 S	6.11 S	6.11 S	6.16 S	6.02 S	6.04 S	6.01 SG
23	6.11	6.12 S	6.13 S	6.14 S	5.97 S	6.16 CS	6.07 S	5.96 S	5.96 S	5.91 SG
24	5.97	6.02 S	6.03 S	6.05 S	6.07 S	6.11 CS	5.79 S	5.84 S	5.83 S	5.81 SG
25	5.90	5.98 S	6.01 S	5.97 S	5.96 S	5.95 FG	5.81 S	5.78 SG	5.77 S	5.76 SG
26	5.79	5.84 S	5.91 S	5.86 S	5.75 S	5.80 FG	5.79 SG	5.72 SG	5.71 S	5.69 SG
27	5.59	5.66 G	5.71 SG	5.72 SG	5.68 G	5.76 FG	5.79 G	5.68 S	5.68 S	5.67 SG
28	5.62	5.66 G	5.64 G	5.67 G	5.61 G	5.66 FG	5.61 G	5.65 G	5.64 SG	5.63 G
29	5.67	5.73 G	5.69 G	5.72 G	5.67 G	5.67 G	5.64 G	5.63 HB	5.66 HB	5.66 G
30	5.72	5.86 G	5.77 G	5.72 G	5.71 G	5.74 G	5.71 G	5.74 G	5.74 G	5.73 G
31	5.75	5.92 G	5.85 G	5.88 G	5.81 G	5.86 G	5.82 G	5.80 G	5.83 G	5.81 G
32	5.87	6.08 G	5.92 G	5.92 G	5.88 G	5.92 G	5.89 G	5.90 G	5.94 G	5.91 G
33	5.97	6.90 BM	6.04 BM	6.02 G	5.99 G	5.99 G	5.96 G	5.97 G	6.71 BM	6.71-
34	7.12+	7.12	6.75 BM	6.81 BM	6.78 BM	6.89 BM	6.88 BM	7.10	7.10-	7.10-
35	7.42+	7.42+	7.42+	7.42+	7.42+	7.42	7.41	7.41-	7.41-	7.41-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	5.9	1.8	1.2	1.2	1.3	< 0.0	0.8	1.8	10.2	14.5
BED ELEVATION	6.87	7.12	7.24	7.22	7.23		7.41	7.10	6.71	6.51
RIGHT EDGE WATER	33.4	34.0	34.7	34.6	34.4	35.5	35.0	34.0	33.0	33.0
BED ELEVATION	6.87	7.12	7.24	7.22	7.23	7.50	7.41	7.10	6.71	6.06

TABLE 12.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0985, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1303	1310	1440	1235	1132	1235	1153	1340	1333	1300	1311
WATER SURFACE(1)	6.40	6.49	6.69	6.91	7.02	6.86	6.59	6.39	6.36	6.54	6.67
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-
1	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-
2	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-
3	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-
4	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-
5	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-
6	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-
7	6.98-	6.98-	6.98-	6.98-	6.98 SG	6.98-	6.98-	6.98-	6.98-	6.98-	6.98-
8	6.93-	6.93-	6.93-	6.93-	6.94 SG	6.94-	6.94-	6.94-	6.94-	6.94-	6.94-
9	6.89-	6.89-	6.89-	6.90 S	6.90 SG	6.90-	6.90-	6.90-	6.90-	6.90-	6.90-
10	6.75-	6.75-	6.75-	6.78 S	6.76 S	6.73 SB	6.73-	6.73-	6.73-	6.73-	6.73-
11	6.65-	6.65-	6.65-	6.72 S	6.66 S	6.65 SG	6.65-	6.65-	6.65-	6.65-	6.64 SG
12	6.60-	6.60-	6.66 SG	6.63 S	6.60 S	6.56 SG	6.53 SG	6.53-	6.53-	6.54 SG	6.52 SG
13	6.58-	6.58-	6.62 SG	6.60 S	6.52 S	6.50 SG	6.49 SG	6.49-	6.49-	6.52 SG	6.51 S
14	6.53-	6.53-	6.57 SG	6.53 S	6.47 S	6.44 SG	6.40 SG	6.40-	6.40-	6.43 SG	6.43 S
15	6.45-	6.49 FG	6.49 SG	6.48 S	6.42 S	6.41 S	6.34 SG	6.38 SG	6.38-	6.39 FG	6.37 SG
16	6.40-	6.44 FG	6.42 SG	6.40 S	6.34 S	6.35 SG	6.28 SG	6.30 SG	6.28 SG	6.31 FG	6.30 SG
17	6.35 FG	6.36 FG	6.37 SG	6.32 S	6.26 S	6.26 S	6.24 SG	6.23 SG	6.19 SG	6.23 FG	6.21 SG
18	6.32 FG	6.31 FG	6.34 SG	6.29 CS	6.20 SG	6.18 S	6.13 S	6.15 SG	6.11 SG	6.14 FG	6.12 SG
19	6.28 FG	6.28 FG	6.28 SG	6.26 CS	6.17 S	6.19 SG	6.13 SG	6.16 SG	6.16 SG	6.18 FG	6.12 SG
20	6.19 FG	6.19 FG	6.19 SG	6.16 CS	6.14 S	6.03 S	6.03 SG	6.05 SG	6.02 SG	6.03 FG	6.02 G
21	6.11 FG	6.11 FG	6.13 SG	6.10 CS	6.07 S	6.06 SG	6.03 SG	6.06 FG	6.04 SG	6.05 G	6.03 SG
22	6.02 FG	6.04 FG	6.07 SG	6.02 CS	6.04 S	6.05 SG	6.02 CS	6.05 FG	6.01 SG	6.02 G	6.01 SG
23	5.96 FG	5.95 FG	5.97 SG	5.96 CS	5.96 S	5.96 SG	5.94 CS	5.97 FG	5.92 SG	5.95 G	5.92 SG
24	5.83 G	5.81 FG	5.85 G	5.84 CS	5.85 S	5.87 G	5.84 CS	5.87 FG	5.85 SG	5.86 G	5.85 SG
25	5.77 G	5.77 FG	5.77 G	5.77 FG	5.80 SG	5.77 G	5.75 CS	5.77 G	5.76 SG	5.79 G	5.77 G
26	5.72 G	5.70 FG	5.71 G	5.73 G	5.74 G	5.73 G	5.72 CS	5.75 G	5.73 G	5.72 G	5.74 G
27	5.69 G	5.69 FG	5.69 G	5.69 G	5.70 G	5.71 G	5.68 CS	5.69 G	5.70 G	5.69 G	5.69 G
28	5.65 CG	5.62 G	5.70 G	5.68 G	5.66 G	5.67 G	5.67 CS	5.69 G	5.70 G	5.66 G	5.65 G
29	5.68 CG	5.69 G	5.66 G	5.68 CG	5.65 G	5.66 G	5.63 G	5.68 G	5.66 G	5.67 G	5.65 G
30	5.75 CG	5.75 G	5.74 G	5.73 CG	5.72 G	5.74 G	5.71 G	5.75 G	5.72 G	5.73 CG	5.71 G
31	5.88 CG	5.88 G	5.86 G	5.82 CG	5.79 G	5.84 G	5.79 G	5.87 G	5.81 G	5.84 CG	5.81 G
32	5.97 CG	5.97 G	5.92 G	5.94 CG	5.90 G	5.92 G	5.89 G	5.95 G	5.91 G	5.92 CG	5.93 G
33	6.05 CG	6.09 G	6.07 G	6.03 M	5.99 G	6.02 G	5.97 SG	6.01 G	5.98 G	6.04 CG	6.03 G
34	7.10-	7.10-	7.10-	6.89 BM	6.89 BM	6.89-	6.89-	6.89-	6.89-	6.89-	6.89-
35	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	16.2	15.0	11.1	8.5	6.7	9.4	11.4	14.3	15.1	12.0	10.7
BED ELEVATION	6.40	6.49	6.69	6.91	7.02	6.86	6.59	6.39	6.36	6.54	6.67
RIGHT EDGE WATER	33.2	33.1	33.4	34.4	34.2	33.9	33.3	33.3	33.3	33.3	33.4
BED ELEVATION	6.11	6.11	6.69	6.83	7.02	6.86	6.59	6.02	6.11	6.54	6.67

TABLE 12.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0985, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1254	1412	1335	1310	1254	1155	1232	1349	1345	1220	1255
WATER SURFACE(1)	6.89	7.02	6.93	6.66	6.57	6.53	6.38	6.29	6.25	6.32	6.32
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-	7.48-
1	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-
2	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-	7.05-
3	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-
4	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-
5	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-
6	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-
7	6.98-	6.99 SG	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-	6.99-
8	6.94-	6.90 SG	6.90 SG	6.90-	6.90-	6.90-	6.90-	6.90-	6.90-	6.90-	6.90-
9	6.90-	6.92 SG	6.92 S	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-
10	6.77 SG	6.76 SG	6.73 FG	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-	6.73-
11	6.66 SG	6.66 SG	6.63 FG	6.61 CS	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-
12	6.54 SG	6.52 FG	6.52 FG	6.51 CS	6.52 SG	6.53 FG	6.53-	6.53-	6.53-	6.53-	6.53-
13	6.50 SG	6.48 FG	6.43 SG	6.39 S	6.39 FG	6.45 FG	6.45-	6.45-	6.45-	6.45-	6.45-
14	6.44 SG	6.42 FG	6.38 SG	6.35 S	6.35 FG	6.35 FG	6.35 SG	6.35-	6.35-	6.35-	6.35-
15	6.36 SG	6.31 S	6.25 FG	6.29 S	6.26 SG	6.27 FG	6.26 SG	6.26 SG	6.24 SG	6.26 S	6.25 S
16	6.31 SG	6.22 S	6.23 S	6.19 S	6.16 SG	6.14 FG	6.15 SG	6.16 SG	6.14 FG	6.16 S	6.13 S
17	6.24 FG	6.19 S	6.21 S	6.12 S	6.15 FG	6.11 SG	6.12 SG	6.12 SG	6.10 SG	6.15 CS	6.11 SG
18	6.13 SG	6.15 S	6.19 SG	6.19 S	6.16 FG	6.11 SG	6.11 SG	6.13 SG	6.11 SG	6.11 CS	6.10 SG
19	6.15 SG	6.17 S	6.17 SG	6.12 S	6.14 SG	6.08 SG	6.12 SG	6.12 SG	6.11 SG	6.12 S	6.11 SG
20	6.04 FG	6.08 S	6.13 S	6.08 S	6.06 FG	6.03 SG	6.04 SG	6.06 SG	6.05 S	6.05 CS	6.05 SG
21	6.05 FG	6.06 FG	6.05 S	6.02 S	6.01 FG	5.99 SG	6.01 SG	6.00 SG	6.00 SG	6.00 SG	5.99 SG
22	6.03 FG	6.05 S	6.03 FG	6.03 CS	6.05 FG	6.01 FG	6.05 SG	6.05 SG	6.03 FG	6.04 SG	6.02 SG
23	5.94 SG	5.96 FG	5.96 FG	5.95 CS	5.95 FG	5.94 FG	5.96 SG	5.98 SG	5.95 SG	5.96 S	5.93 SG
24	5.85 FG	5.83 FG	5.85 FG	5.84 G	5.83 FG	5.83 FG	5.85 SG	5.88 S	5.85 SG	5.86 SG	5.83 G
25	5.76 FG	5.87 G	5.77 FG	5.76 G	5.77 FG	5.76 FG	5.76 FG	5.76 FG	5.75 G	5.76 G	5.77 G
26	5.72 FG	5.72 FG	5.73 G	5.71 G	5.73 FG	5.71 FG	5.71 FG	5.73 G	5.71 G	5.72 G	5.72 G
27	5.69 FG	5.70 FG	5.68 FG	5.66 G	5.69 FG	5.67 FG	5.68 FG	5.69 FG	5.68 G	5.67 G	5.70 G
28	5.65 G	5.64 FG	5.65 FG	5.65 G	5.67 G	5.65 FG	5.67 CG	5.67 G	5.66 G	5.68 G	5.66 G
29	5.65 G	5.66 G	5.66 G	5.64 G	5.65 G	5.65 FG	5.69 CG	5.69 CG	5.67 G	5.66 G	5.67 G
30	5.74 CG	5.74 G	5.73 G	5.71 G	5.76 G	5.72 FG	5.74 CG	5.75 G	5.75 G	5.74 G	5.74 G
31	5.83 G	5.81 G	5.83 G	5.81 G	5.86 G	5.81 FG	5.85 CG	5.86 G	5.84 G	5.85 G	5.84 G
32	5.91 CG	5.92 G	5.92 G	5.90 G	5.93 G	5.91 G	5.92 CG	5.95 G	5.93 G	5.92 G	5.95 G
33	5.97 CG	6.02 G	5.98 G	5.99 G	5.99 G	6.03 G	6.02 CG	6.01 G	5.98 G	5.98 G	6.00 G
34	6.89 BM	6.88 BM	6.88 BM	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-	6.88-
35	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	9.4	6.3	7.5	10.6	11.3	12.0	13.2	14.6	14.9	14.4	14.2
BED ELEVATION	6.89	7.02	6.93	6.66	6.57	6.53	6.37	6.29	6.25	6.32	6.32
RIGHT EDGE WATER	34.0	34.2	34.2	33.4	33.2	33.4	33.2	33.4	33.2	33.3	33.3
BED ELEVATION	6.89	6.80	6.80	6.66	6.13	6.10	6.08	6.09	6.07	6.11	6.08

TABLE 12.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 0985, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-21
TIME	1420	1124	1032	1153	1242	1148	1115	1637	1424	1545	
WATER SURFACE(1)	6.32	6.34	6.31	6.33	6.30	6.27	6.21	6.16	6.15	6.10	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.48-				7.48-		7.48-	7.48-	7.48-	7.48-	7.48
1	7.16-				7.16-		7.16-	7.16-	7.16-	7.16-	7.16
2	7.05-				7.05-		7.05-	7.05-	7.05-	7.05-	7.03
3	7.02-				7.02-		7.02-	7.02-	7.02-	7.02-	6.93
4	7.04-				7.04-		7.04-	7.04-	7.04-	7.04-	6.93
5	7.04-				7.04-		7.04-	7.04-	7.04-	7.04-	6.92
6	7.06-				7.06-		7.06-	7.06-	7.06-	7.06-	6.28
7	6.99-				6.99-		6.99-	6.99-	6.99-	6.99-	6.16
8	6.90-				6.90-		6.90-	6.90-	6.90-	6.90-	6.09
9	6.92-				6.92-		6.92-	6.92-	6.92-	6.92-	6.10
10	6.73-				6.73-		6.73-	6.73-	6.73-	6.73-	6.05
11	6.61-				6.61-		6.61-	6.61-	6.61-	6.61-	5.94
12	6.53-				6.53-		6.53-	6.53-	6.53-	6.53-	5.90
13	6.45-				6.45-		6.45-	6.45-	6.45-	6.45-	5.90
14	6.35-				6.35-		6.35-	6.35-	6.35-	6.35-	5.86
15	6.25 SG				6.25 SG		6.25-	6.25-	6.25-	6.25-	5.80
16	6.13 SG				6.14 SG		6.13 SG	6.12 SB	6.14 S	6.14-	5.95
17	6.11 SG				6.14		6.10 SG	6.10 SB	6.11 S	6.11-	5.66
18	6.11 SG				6.13 SG		6.11 SG	6.12 SG	6.11 SG	6.11-	5.79
19	6.12 SG				6.11 SG		6.12 SG	6.12 SG	6.12 SG	6.12-	5.66
20	6.05 SG				6.07 SG		6.04 SG	6.06 SG	6.05 SG	6.04 CS	5.83
21	6.01 SG				6.07 SG		6.00 FG	6.01 SG	6.00 SG	5.99 CS	5.73
22	6.04 SG				6.04 SG		6.04 FG	6.04 SG	6.05 SG	6.03 CS	5.80
23	5.97 SG				5.97 SG		5.94 SG	5.96 SG	5.96 SG	5.96 CS	5.74
24	5.84 SG				5.88 SG		5.86 SG	5.86 SG	5.85 SG	5.85 CS	5.74
25	5.76 G				5.77 FG		5.76 FG	5.76 SG	5.75 SB	5.76 CS	5.70
26	5.72 G				5.73 FG		5.72 FG	5.72 SG	5.72 SG	5.72 CS	5.54
27	5.67 G				5.68 FG		5.68 G	5.67 SB	5.67 S	5.70 S	5.59
28	5.63 CG				5.68 G		5.68 G	5.67 SB	5.67 G	5.69 G	5.61
29	5.65 CG				5.69 CG		5.68 CG	5.70 G	5.70 G	5.71 G	5.63
30	5.74 CG				5.75 CG		5.73 CG	5.73 G	5.77 G	5.74 G	5.71
31	5.84 CG				5.87 CG		5.82 CG	5.85 G	5.84 G	5.88 G	5.75
32	5.92 CG				5.95 CG		5.93 CG	5.92 G	5.94 B	5.94 G	5.87
33	5.99 CG				6.03 CG		5.99 CG	5.98 B	6.01 B	5.98 G	5.84
34	6.88-				6.88-		6.88-	6.88-	6.88-	6.88-	6.75
35	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	14.1				14.4		15.3	15.7	15.8	19.4	
BED ELEVATION	6.32				6.30		6.21	6.16	6.15	6.10	
RIGHT EDGE WATER	33.3				33.3		33.4	33.4	33.3	33.2	
BED ELEVATION	6.01				6.30		6.09	6.09	6.08	6.05	

(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 13.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1077, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1335	1600	1319	1131	956	1313	1154	1130	1033	1013
WATER SURFACE(1)	6.91	7.15	7.28	7.26	7.28	7.54	7.44	7.10	6.72	6.54
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.40+	7.40+	7.40+	7.40+	7.40+	7.40 BM	7.37 M	7.37-	7.37-	7.37-
1	7.32+	7.32+	7.32+	7.32+	7.32+	7.32 BM	7.30 M	7.30-	7.30-	7.30-
2	7.18+	7.18+	7.18 BM	7.18 BM	7.18 BM	7.18 BM	7.18 M	7.18-	7.18-	7.18-
3	7.05+	7.05 BM	7.05 BM	7.06 BM	7.08 BM	7.05 BM	7.01 M	7.03 BM	7.03-	7.03-
4	5.85	5.90	5.85 S	5.84 M	5.84 M	5.75 G	5.76 M	5.77 MB	5.80 M	5.74 SG
5	5.78	5.89 FG	5.87 G	5.86 G	5.82 G	5.79 G	5.71 M	5.69 G	5.72 G	5.73 G
6	5.95	6.01 SG	5.96 SG	5.94 G	5.88 G	5.89 FG	5.73 M	5.71 G	5.75 G	5.74 SG
7	6.03	6.05 SG	6.06 S	5.96 S	5.94 G	5.88 FG	5.75 M	5.65 G	5.68 G	5.67 SG
8	6.09	5.99 S	6.00 S	5.99 S	5.92 S	5.84 FG	5.73 SG	5.58 G	5.61 SG	5.64 SG
9	6.07	5.95 S	5.89 S	5.91 S	5.82 S	5.83 S	5.67 S	5.59 SG	5.61 SG	5.62 SG
10	6.07	5.90 S	5.89 S	5.92 S	5.86 S	5.80 S	5.67 S	5.49 S	5.52 S	5.53 S
11	6.07	5.99 S	5.88 S	5.76 S	5.83 S	5.83 S	5.68 S	5.42 S	5.43 S	5.48 S
12	6.04	5.94 S	5.83 S	5.90 S	5.66 S	5.69 S	5.62 S	5.52 S	5.48 S	5.43 S
13	5.98	5.90 S	5.82 S	5.72 S	5.68 S	5.64 S	5.61 S	5.42 S	5.42 S	5.43 S
14	5.98	5.82 S	5.78 S	5.56 S	5.64 S	5.59 S	5.55 S	5.37 S	5.41 S	5.41 S
15	5.97	5.90 S	5.64 S	5.73 S	5.52 S	5.58 S	5.51 S	5.35 S	5.38 S	5.39 S
16	5.98	5.76 S	5.64 S	5.73 S	5.41 S	5.50 S	5.47 S	5.38 S	5.35 S	5.41 S
17	6.03	5.84 S	5.61 S	5.68 S	5.43 S	5.58 S	5.47 S	5.41 S	5.44 S	5.47 S
18	6.06	5.75 S	5.63 S	5.58 S	5.51 S	5.53 S	5.56 S	5.51 S	5.52 S	5.54 S
19	6.05	5.75 S	5.70 S	5.68 S	5.68 S	5.60 S	5.63 S	5.62 S	5.62 S	5.62 S
20	5.96	5.85 S	5.70 S	5.74 S	5.71 S	5.69 S	5.61 S	5.64 S	5.65 S	5.62 S
21	5.98	5.84 S	5.86 S	5.85 S	5.80 S	5.73 S	5.63 S	5.73 S	5.70 S	5.74 S
22	5.91	5.91 S	5.88 S	5.90 S	5.88 S	5.88 S	5.80 S	5.80 S	5.78 S	5.79 S
23	5.94	5.89 S	5.95 S	5.89 S	5.91 S	5.86 S	5.83 SG	5.84 M	5.83 M	5.89 S
24	5.91	5.89 S	5.90 S	5.92 S	5.92 S	5.95 S	5.90 M	5.92 M	5.89 M	5.89 S
25	6.03	5.99 S	5.98 S	5.98 M	6.08 BM	5.99 BM	5.94 M	5.92 M	5.97 M	5.97 S
26	6.20	6.18 S	6.15 S	6.17 M	6.20 BM	6.19 BM	6.14 M	6.17 M	6.20 M	6.18 S
27	6.61	6.70 BM	6.70 BM	6.61 BM	6.62 BM	6.60 BM	6.61 M	6.60 BM	6.60-	6.60-
28	6.51	6.59 BM	6.57 BM	6.57 BM	6.58 BM	6.58 BM	6.57 M	6.57 BM	6.57-	6.57-
29	6.47	6.50 BM	6.50 BM	6.51 BM	6.52 BM	6.46 BM	6.47 M	6.49 BM	6.49-	6.49-
30	6.21	6.31 BM	6.26 BM	6.28 BM	6.28 BM	6.25 BM	6.30 M	6.28 M	6.28-	6.28-
31	6.91	6.88 BM	6.88 BM	6.87 BM	6.88 BM	6.86 BM	6.86	6.88 BM	6.88-	6.88-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	3.5	2.6	1.2	1.4	1.2	0.0	< 0.0	2.8	3.7	3.6
BED ELEVATION	6.91	7.15	7.28	7.26	7.28	7.40		7.10	6.72	5.84
RIGHT EDGE WATER	31.0	>31.4	>31.3	>31.4	>31.0	>31.0	>31.0	>31.0	26.2	26.3
BED ELEVATION	6.91								6.72	6.20

TABLE 13.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1077, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1250	1307	1422	1230	1125	1232	1140	1306	1325	1255	1300
WATER SURFACE(1)	6.42	6.51	6.70	6.92	7.03	6.88	6.61	6.40	6.38	6.56	6.69
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-
1	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-
2	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-
3	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-
4	5.78 M	5.79 BM	5.78 BM	5.77 BM	5.75 M	5.74 S	5.76 M	5.76 BM	5.75 SG	5.76 BM	5.75 BM
5	5.72 G	5.74 G	5.75 G	5.68 G	5.75 G	5.82 S	5.88 FG	5.87 FG	5.88 SG	5.86 CS	5.85 CS
6	5.70 G	5.72 G	5.72 G	5.69 G	5.83 G	5.93 S	5.97 G	5.97 FG	5.97 SG	5.95 CS	5.95 SG
7	5.68 G	5.68 G	5.67 G	5.64 SG	5.93 CS	5.98 S	6.04 G	6.06 FG	6.04 SG	6.01 CS	6.01 SG
8	5.64 G	5.64 G	5.61 G	5.58 SG	5.87 S	5.93 S	6.07 G	6.07 FG	6.08 SG	6.05 CS	6.03 SG
9	5.62 G	5.61 S	5.60 G	5.58 S	5.90 S	5.94 S	6.06 G	6.06 FG	6.06 SG	6.05 CS	6.04 SG
10	5.54 SG	5.54 S	5.50 S	5.52 S	5.81 S	5.92 S	6.12 SG	6.07 FG	6.09 SG	6.03 CS	6.02 SG
11	5.50 S	5.49 S	5.44 S	5.48 S	5.76 S	5.83 S	6.15 CS	6.09 FG	6.08 SG	6.05 CS	6.06 SG
12	5.48 S	5.47 S	5.46 S	5.40 S	5.69 S	5.87 S	6.09 CS	6.09 FG	6.06 SG	6.05 S	6.07 SG
13	5.46 S	5.50 S	5.50 S	5.37 S	5.63 S	5.63 S	5.88 CS	6.05 SG	6.08 S	6.04 S	6.11 SG
14	5.47 S	5.50 S	5.48 S	5.50 S	5.54 S	5.81 S	5.82 S	6.07 S	6.07 S	6.03 S	6.06 SG
15	5.42 S	5.41 S	5.50 S	5.44 S	5.52 S	5.78 S	5.78 S	5.86 S	5.97 S	6.04 S	6.02 SG
16	5.44 S	5.50 CS	5.43 S	5.42 S	5.40 S	5.68 S	5.78 S	5.84 S	5.97 S	6.01 S	5.98 S
17	5.46 S	5.52 S	5.45 S	5.50 S	5.56 S	5.62 S	5.74 S	5.71 S	5.73 S	6.04 S	5.99 S
18	5.52 S	5.54 S	5.51 S	5.52 S	5.48 S	5.53 S	5.68 S	5.67 S	5.67 S	5.99 S	5.98 S
19	5.62 S	5.61 S	5.59 S	5.60 S	5.57 S	5.51 S	5.61 S	5.67 S	5.63 S	5.71 S	5.90 S
20	5.66 S	5.64 SG	5.67 FS	5.64 S	5.68 S	5.60 S	5.68 S	5.64 S	5.66 S	5.64 S	5.84 S
21	5.72 S	5.73 S	5.73 FS	5.75 S	5.74 S	5.72 S	5.71 S	5.71 S	5.69 S	5.70 S	5.73 SG
22	5.78 S	5.80 S	5.80 FS	5.79 S	5.81 S	5.79 S	5.78 S	5.77 S	5.76 S	5.73 S	5.72 S
23	5.84 S	5.87 S	5.85 FS	5.84 S	5.86 S	5.85 S	5.86 FS	5.87 FS	5.85 S	5.85 S	5.81 S
24	5.90 S	5.90 S	5.91 FS	5.92 BM	5.91 S	5.91 S	5.96 FS	5.91 FS	5.92 S	5.91 FS	5.93 S
25	6.00 S	5.97 S	5.95 FS	5.94 BM	5.96 S	5.92 S	5.98 FS	6.00 FS	5.96 S	5.92 FS	5.98 S
26	6.19 S	6.17 S	6.18 BM	6.17 BM	6.19 BM	6.18 M	6.19 HB	6.19 M	6.17 M	6.16 M	6.19 M
27	6.60-	6.60-	6.60 BM	6.60 BM	6.62 BM	6.62 BM	6.62-	6.62-	6.62-	6.62-	6.60 BM
28	6.57-	6.57-	6.57 BM	6.57 BM	6.59 BM	6.56 BM	6.56-	6.56-	6.56-	6.56-	6.58 BM
29	6.49-	6.48 BM	6.50 BM	6.48 BM	6.50 BM	6.48 BM	6.48-	6.48-	6.48-	6.48-	6.49 BM
30	6.28-	6.26 BM	6.28 BM	6.25 BM	6.26 BM	6.31 BM	6.31-	6.31-	6.31-	6.31-	6.28 BM
31	6.88-	6.88-	6.88-	6.85 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	3.8	3.8	3.5	3.5	3.1	3.5	3.7	3.7	3.8	3.7	3.6
BED ELEVATION	6.42	6.51	6.70	6.92	7.03	6.88	6.61	5.84	5.83	5.86	6.69
RIGHT EDGE WATER	26.3	30.4	30.7	31.0	>31.0	30.3	26.4	26.3	26.3	26.3	30.8
BED ELEVATION	6.42	6.51	6.70	6.85		6.85	6.61	6.24	6.23	6.21	6.69
LEFT EDGE BAR		26.5									
BED ELEVATION		6.51									
RIGHT EDGE BAR		28.5									
BED ELEVATION		6.51									

TABLE 13.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1077, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1247	1405	1325	1305	1242	1152	1218	1338	1334	1204	1249
WATER SURFACE(1)	6.91	7.05	6.97	6.69	6.60	6.55	6.40	6.31	6.27	6.33	6.34
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-
1	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-
2	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-
3	7.03-	7.04 BM	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-	7.04-
4	5.81 S	5.80 S	5.75 S	5.74 G	5.75 FG	5.76 G	5.74 G	5.75 G	5.76 G	5.74 M	5.77 G
5	5.81 S	5.75 SG	5.87 G	5.85 G	5.78 FG	5.83 FG	5.85 FG	5.85 FG	5.86 G	5.85 FG	5.89 G
6	5.86 S	6.00 S	6.01 G	5.91 G	6.05 FG	6.01 FG	6.03 FG	6.04 SG	6.03 G	6.03 FG	6.04 G
7	5.93 S	6.08 S	6.12 SG	6.04 G	6.05 FG	6.04 FG	6.05 FG	6.06 SG	6.06 G	6.04 FG	6.05 G
8	5.91 S	6.07 S	6.13 SG	6.07 G	6.08 FG	6.06 FG	6.08 FG	6.09 SG	6.07 G	6.08 FG	6.08 G
9	6.09 S	6.05 S	6.07 S	6.10 FG	6.09 SG	6.03 FG	6.08 FG	6.09 SG	6.08 G	6.09 FG	6.08 G
10	6.12 S	5.94 S	6.07 S	6.01 CS	6.08 SG	6.06 FG	6.08 FG	6.08 SG	6.08 G	6.09 FG	6.07 G
11	6.16 S	5.95 S	6.06 S	6.06 CS	6.06 S	6.07 FG	6.09 FG	6.10 SG	6.08 G	6.10 FG	6.09 G
12	6.06 S	5.94 S	5.93 S	6.02 S	6.02 S	6.08 FG	6.08 SG	6.08 SG	6.07 G	6.07 FG	6.06 SG
13	5.94 S	5.90 S	5.96 S	5.95 S	6.10 S	6.10 CS	6.06 SG	6.06 SG	6.05 FG	6.04 FG	6.04 CS
14	6.06 S	5.92 S	5.98 S	5.89 S	5.99 S	6.06 CS	6.04 SG	6.02 CS	6.02 SG	6.02 FG	6.00 S
15	6.04 S	5.86 S	5.96 S	5.94 S	6.00 S	6.03 CS	6.02 CS	6.04 CS	6.05 SG	6.04 FG	6.03 S
16	6.01 S	5.95 S	5.97 S	5.94 S	5.89 S	6.04 CS	6.04 CS	6.08 CS	6.07 SG	6.07 FG	6.05 S
17	5.87 S	5.98 S	5.93 S	5.91 S	5.98 S	5.84 S	6.08 CS	6.06 S	6.04 SG	6.03 FG	6.03 S
18	5.87 S	5.84 S	6.00 S	5.80 S	5.96 S	5.90 S	6.05 CS	6.02 S	5.97 CS	5.99 CS	5.99 S
19	5.85 S	5.80 S	5.97 S	5.91 S	5.97 S	5.97 S	6.01 CS	6.07 S	5.97 CS	5.98 CS	5.95 S
20	5.86 S	5.85 S	5.92 S	5.92 S	5.94 S	5.83 S	5.95 S	5.98 S	5.99 S	6.01 S	5.88 S
21	5.85 S	5.85 S	5.86 S	5.84 S	5.95 S	5.97 S	5.92 S	5.97 S	5.99 S	5.99 S	5.94 S
22	5.76 S	5.85 S	5.94 S	5.86 S	5.89 S	5.89 FS	5.94 S	6.01 S	5.98 S	5.89 S	5.95 S
23	5.76 S	5.81 S	5.86 S	5.88 S	5.88 S	5.86 FS	5.90 S	5.91 S	5.96 S	6.02 S	5.95 S
24	5.88 S	5.88 S	5.88 S	5.88 FS	5.87 S	5.86 FS	5.87 S	5.89 S	5.87 S	5.92 S	5.91 S
25	5.93 S	6.01 M	5.95 S	5.98 FS	6.00 FS	5.95 FS	6.00 FS	6.00 FS	5.98 S	6.05 FS	5.98 M
26	6.17 S	6.17 M	6.19 S	6.19 FS	6.22 FS	6.18 M	6.20 FS	6.21 M	6.19 M	6.20 BM	6.18 M
27	6.61 BM	6.59 BM	6.61 BM	6.61 G	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-
28	6.56 BM	6.57 BM	6.59 BM	6.56 G	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-	6.56-
29	6.48 BM	6.50 BM	6.48 BM	6.49 G	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-	6.49-
30	6.31 BM	6.25 BM	6.35 BM	6.27 BM	6.27-	6.27-	6.27-	6.27-	6.27-	6.27-	6.27-
31	6.82 BM	6.96	6.85 BM	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	3.4	2.9	3.2	3.6	3.7	3.8	3.7	3.8	3.7	3.7	3.7
BED ELEVATION	6.91	7.05	6.97	6.69	6.60	5.81	5.87	5.83	5.85	5.82	5.85
RIGHT EDGE WATER	>31.0	>31.0	>31.0	30.5	26.4	26.3	26.2	26.3	26.2	26.3	26.3
BED ELEVATION	6.82			6.69	6.24	6.32	6.27	6.27	6.26	6.27	6.34

TABLE 13.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1077, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-21
TIME	1403	1117	1029	1150	1239	1140	1107	1628	1416	1500	
WATER SURFACE(1)	6.35	6.35	6.33	6.34	6.32	6.29	6.22	6.17	6.16	6.11	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.37-	7.37-	7.37-		7.37-		7.37-	7.37-	7.37-	7.37-	7.37
1	7.30-	7.30-	7.30-		7.30-		7.30-	7.30-	7.30-	7.30-	7.30
2	7.18-	7.18-	7.18-		7.18-		7.18-	7.18-	7.18-	7.18-	7.18
3	7.04-	7.04-	7.04-		7.04-		7.04-	7.04-	7.04-	7.04-	7.01
4	5.74 M	5.75 FG	5.78 FG		5.73 S		5.74 M	5.73 S	5.74 S	5.74 M	5.58
5	5.86 FG	5.85 FG	5.85 FG		5.86 SG		5.84 FG	5.87 SG	5.87 SG	5.91 S	5.61
6	6.04 FG	6.02 FG	6.03 FG		6.02 SG		6.02 FG	6.03 SG	6.05 SG	6.02 S	5.69
7	6.05 FG	6.04 FG	6.04 FG		6.06 SG		6.04 FG	6.04 SG	6.06 SG	6.05 S	5.50
8	6.07 FG	6.05 FG	6.07 FG		6.07 SG		6.06 FG	6.06 SG	6.06 SG	6.07 S	5.49
9	6.08 FG	6.07 FG	6.07 FG		6.07 SG		6.09 FG	6.09 SG	6.09 SG	6.09 S	5.47
10	6.08 FG	6.06 FG	6.08 FG		6.07 SG		6.08 FG	6.08 SG	6.09 SG	6.11 S	5.37
11	6.08 FG	6.08 FG	6.08 FG		6.09 SG		6.08 FG	6.07 SG	6.10 SG	6.10-	5.33
12	6.07 FG	6.06 FG	6.06 FG		6.07 SG		6.05 FG	6.06 SG	6.07 SG	6.10 S	5.26
13	6.05 FG	6.03 FG	6.03 FG		6.03 SG		6.03 SG	6.03 SG	6.04 S	6.05 S	5.18
14	6.03 FG	6.01 FG	6.03 FG		6.02 SG		6.02 SG	6.02 S	6.02 S	6.05 S	5.14
15	6.04 FG	6.03 FG	6.03 FG		6.02 SG		6.03 SG	6.02 S	6.04 S	6.06 S	5.14
16	6.06 FG	6.05 FG	6.06 FG		6.07 SG		6.06 SG	6.06 S	6.06 S	6.10 S	4.86
17	6.04 FG	6.03 FG	6.03 FG		6.02 SG		6.02 SG	6.02 S	6.02 S	6.10 S	4.92
18	6.01 FG	6.00 FG	6.03 S		6.00 SG		5.99 CS	5.98 S	5.97 S	6.05 S	4.99
19	5.98 SG	5.97 SG	6.01 S		5.89 SG		5.87 CS	5.87 S	5.88 S	5.99 S	5.08
20	5.95 S	5.94 SG	5.93 S		5.88 SG		5.92 CS	5.92 S	5.92 S	5.94 S	5.11
21	5.97 S	5.90 S	5.84 S		5.92 S		5.96 S	5.95 S	5.96 S	5.96 S	5.14
22	5.92 S	5.90 S	5.87 S		5.93 S		5.99 S	5.95 S	5.95 S	5.94 S	5.26
23	5.99 S	5.95 S	5.93 S		5.92 S		5.99 S	5.97 S	5.94 S	5.86 S	5.26
24	5.92 S	5.93 S	5.92 S		5.93 S		5.91 S	5.91 S	5.92 S	5.86 S	5.13
25	6.02 M	5.96 S	5.99 M		5.98 S		5.97 M	6.02 S	5.98 BM	5.96 BM	5.16
26	6.18 M	6.17 S	6.22 M		6.18 M		6.22 M	6.22-	6.22-	6.22-	6.14
27	6.61-	6.61-	6.61-		6.61-		6.61-	6.61-	6.61-	6.61-	6.59
28	6.56-	6.56-	6.56-		6.56-		6.56-	6.56-	6.56-	6.56-	6.51
29	6.49-	6.49-	6.49-		6.49-		6.49-	6.49-	6.49-	6.49-	6.46
30	6.27-	6.27-	6.27-		6.27-		6.27-	6.27-	6.27-	6.27-	6.21
31	6.85-	6.85-	6.85-		6.85-		6.85-	6.85-	6.85-	6.85-	6.82
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.8	3.7	3.8		3.8		3.8	3.7	3.7	3.7	
BED ELEVATION	5.85	5.82	5.83		5.81		5.82	5.81	5.81	5.81	
RIGHT EDGE WATER	26.3	26.3	26.3		26.8		26.0	25.7	25.6	25.4	
BED ELEVATION	6.25	6.24	6.25		6.24		6.22	6.17	6.16	6.11	

(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 14.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1155, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1350	1545	1307	1131	958	1244	1207	1137	1040	1020
WATER SURFACE(1)	6.99	7.23	7.36	7.38	7.35	7.62	7.52	7.18	6.79	6.58
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.23+	7.23 G	7.17 BM	7.16 G	7.15 G	7.17 BM	7.15 BM	7.16 G	7.16-	7.16-
1	6.91	6.87 G	6.87 SG	6.92 G	6.87 G	6.89 SG	6.90 BM	6.88 G	6.88-	6.88-
2	6.74	6.75 G	6.76 G	6.78 G	6.75 G	6.77 G	6.76 G	6.76 G	6.79	6.79-
3	6.64	6.63 G	6.64 G	6.63 G	6.58 G	6.62 G	6.61 G	6.65 G	6.63 G	6.63-
4	6.42	6.33 G	6.36 G	6.38 G	6.29 G	6.35 G	6.37 G	6.36 G	6.35 G	6.33 G
5	6.16	6.09 G	6.07 G	6.11 G	6.05 G	6.10 G	6.10 G	6.13 G	6.07 G	6.08 G
6	6.05	5.95 G	5.95 G	5.98 G	5.95 G	5.98 G	5.97 G	5.98 G	5.97 G	5.97 G
7	5.99	5.85 G	5.87 G	5.90 G	5.85 G	5.87 G	5.89 G	5.88 G	5.89 G	5.85 G
8	6.00	5.87 G	5.86 G	5.88 G	5.85 G	5.86 G	5.85 G	5.88 G	5.87 G	5.83 G
9	5.95	5.86 G	5.84 G	5.88 G	5.85 G	5.85 FG	5.81 G	5.78 G	5.83 G	5.82 G
10	5.86	5.81 G	5.84 SG	5.83 G	5.83 G	5.84 G	5.83 G	5.83 G	5.82 G	5.81 G
11	5.79	5.81 S	5.79 G	5.82 G	5.78 G	5.78 G	5.75 G	5.77 G	5.76 G	5.76 G
12	5.78	6.03 S	5.98 S	6.06 G	6.03 G	6.01 S	5.93 G	5.88 G	5.90 SG	5.88 FG
13	6.03	6.11 S	6.09 S	6.22 SG	6.17 SG	6.16 S	6.09 SG	6.08 G	5.84 SG	5.78 SG
14	6.27	6.23 S	6.34 S	6.28 S	6.29 S	6.35 S	6.31 SG	6.18 S	5.90 S	5.79 SG
15	6.47	6.31 S	6.42 S	6.38 S	6.49 S	6.42 S	6.35 S	6.31 S	6.11 S	6.01 M
16	6.74	6.73 S	6.69 S	6.80	6.73 S	6.73 S	6.76 S	6.73 S	6.67 S	6.67-
17	6.57	6.69 S	6.69 S	6.74 G	6.72 S	6.71 S	6.70 S	6.70 S	6.64 S	6.64-
18	6.59	6.61 S	6.62 S	6.68 S	6.59 S	6.63 S	6.60 S	6.56 S	6.57 S	6.57-
19	6.69	6.77 S	6.79 S	6.94 S	6.90 S	6.90 S	6.88 S	6.90 S	6.90-	6.90-
20	6.78	6.79 S	6.77 S	6.81 S	6.83 S	6.82 S	6.83 S	6.84 S	6.84-	6.84-
21	6.91	6.83 S	6.82 S	6.88 BM	6.83 S	6.81 S	6.81 S	6.84 S	6.84-	6.84-
22	6.96	6.95 BM	6.95 S	6.98 BM	6.93 BM	6.92 BM	6.95 S	6.96 S	6.96-	6.96-
23	7.17+	7.17 BM	7.15 BM	7.20 BM	7.15 BM	7.14 BM	7.14 S	7.16 BM	7.16-	7.16-
	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	< 0.0	< 0.0	2.0	3.1
BED ELEVATION	6.99	7.23	7.17						6.79	6.58
RIGHT EDGE WATER	22.3	>23.0	>23.0	>23.0	>23.0	>23.0	>23.0	>23.0	18.7	15.7
BED ELEVATION	6.99								6.79	6.58

TABLE 14.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1155, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1221	1220	1415	1145	1120	1200	1131	1308	1314	1206	1301
WATER SURFACE(1)	6.47	6.57	6.77	7.00	7.13	6.98	6.69	6.45	6.43	6.62	6.76
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	6.88-	6.88-	6.88-	6.89 SG	6.91 SG	6.88 SG	6.88-	6.88-	6.88-	6.88-	6.88-
2	6.79-	6.79-	6.75 G	6.79 SG	6.79 G	6.77 SG	6.77-	6.77-	6.77-	6.77-	6.76 G
3	6.63-	6.63-	6.62 G	6.61 S	6.63 G	6.60 G	6.66 G	6.66-	6.66-	6.62 CG	6.64 G
4	6.34 G	6.35 G	6.32 G	6.38 S	6.36 G	6.36 G	6.36 G	6.35 G	6.38 G	6.37 CG	6.34 G
5	6.07 G	6.08 G	6.09 G	6.11 S	6.14 G	6.10 G	6.09 G	6.08 G	6.06 G	6.10 CG	6.09 G
6	5.96 G	5.97 G	5.96 G	6.00 S	5.98 G	5.98 G	5.98 G	5.95 G	5.98 G	5.97 CG	5.97 G
7	5.87 G	5.88 G	5.89 G	5.90 S	5.92 G	5.89 G	5.89 G	5.88 G	5.86 G	5.86 CG	5.89 G
8	5.83 G	5.86 G	5.85 G	5.90 S	5.90 G	5.89 G	5.82 G	5.82 G	5.84 G	5.82 CG	5.86 G
9	5.81 G	5.84 G	5.85 G	5.86 S	5.84 G	5.84 G	5.82 G	5.78 G	5.80 G	5.80 CG	5.83 G
10	5.80 G	5.80 G	5.84 G	5.85 SG	5.84 G	5.83 G	5.80 G	5.79 G	5.79 G	5.80 CG	5.81 G
11	5.77 G	5.77 G	5.79 G	5.96 S	5.86 S	5.80 G	5.76 G	5.75 G	5.73 G	5.74 G	5.75 G
12	5.88 G	5.90 SG	5.84 FS	6.08 S	6.07 S	5.86 S	5.82 S	5.74 CS	5.76 FG	5.77 G	5.81 S
13	5.82 SG	5.83 SG	5.79 G	6.17 S	6.23 S	6.02 S	5.88 S	5.79 SG	5.77 FG	5.81 SG	5.90 S
14	5.79 G	5.80 SG	5.82 FS	6.34 S	6.29 S	6.12 S	5.82 S	5.80 S	5.80 S	5.79 SG	5.79 SG
15	6.12 BM	6.16 S	6.05 S	6.29 SG	6.39 S	6.23 S	6.07 S	6.07 S	5.89 FS	6.14 S	6.20 S
16	6.67-	6.67-	6.65 S	6.68 S	6.73 S	6.65 S	6.66 S	6.66-	6.66-	6.59 S	6.56 S
17	6.64-	6.64-	6.56 S	6.68 S	6.56 SG	6.69 S	6.57 S	6.57-	6.57-	6.62 SG	6.54
18	6.57-	6.57-	6.54 S	6.64 S	6.71 S	6.59 S	6.57 S	6.57-	6.57-	6.58 S	6.59 S
19	6.90-	6.90-	6.90-	6.97 S	6.93 S	6.86 S	6.86-	6.86-	6.86-	6.86-	6.86-
20	6.84-	6.84-	6.84-	6.85 S	6.81 S	6.83 S	6.83-	6.83-	6.83-	6.83-	6.83-
21	6.84-	6.84-	6.84-	6.84 S	6.84 S	6.83 S	6.83-	6.83-	6.83-	6.83-	6.83-
22	6.96-	6.96-	6.96-	6.98 M	6.97 BM	6.96 BM	6.96-	6.96-	6.96-	6.96-	6.96-
23	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.3	3.1	1.8	0.6	0.1	0.6	2.5	3.5	3.6	3.0	2.0
BED ELEVATION	6.47	6.57	6.77	7.00	7.13	6.98	6.69	6.45	6.43	6.62	6.76
RIGHT EDGE WATER	15.8	15.8	18.7	22.2	22.3	22.1	18.6	15.7	15.7	18.4	18.6
BED ELEVATION	6.47	6.57	6.77	7.00	7.13	6.98	6.69	6.45	6.43	6.62	6.76

TABLE 14.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1155, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1153	1316	1335	1300	1235	1134	1213	1348	1330	1156	1224
WATER SURFACE(1)	7.00	7.13	7.06	6.78	6.68	6.62	6.46	6.35	6.32	6.37	6.39
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.16-	7.13 BM	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-
1	6.91 G	6.89 G	6.92 G	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-
2	6.78 G	6.73 G	6.73 G	6.77 G	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-
3	6.67 G	6.59 G	6.54 G	6.62 G	6.59 G	6.61 G	6.61-	6.61-	6.61-	6.61-	6.61-
4	6.34 G	6.33 G	6.31 G	6.35 G	6.36 G	6.36 G	6.34 G	6.30 G	6.31	6.32 G	6.31 G
5	6.09 G	6.11 G	6.06 G	6.09 G	6.09 G	6.08 G	6.08 G	6.08 G	6.08 G	6.07 G	6.08 G
6	5.98 G	5.98 G	5.93 G	5.97 G	5.98 G	5.96 G	5.94 G	5.94 G	5.95 G	5.93 G	5.93 G
7	5.94 G	5.91 G	5.87 G	5.92 G	5.90 G	5.89 G	5.86 G	5.87 G	5.89 G	5.87 G	5.90 G
8	5.86 G	5.83 G	5.83 G	5.84 G	5.86 G	5.84 G	5.83 G	5.80 G	5.83 G	5.81 G	5.81 G
9	5.83 G	5.83 G	5.80 G	5.82 G	5.80 G	5.80 G	5.79 G	5.79 G	5.80 G	5.78 G	5.79 G
10	5.81 G	5.83 G	5.80 G	5.82 G	5.82 G	5.81 G	5.82 G	5.79 G	5.81 G	5.78 G	5.79 G
11	5.77 G	5.82 S	5.79 G	5.76 G	5.77 G	5.74 G	5.75 G	5.73 G	5.73 G	5.74 G	5.73 FG
12	5.74 SG	5.90 S	5.92 S	5.83 SG	5.73 SG	5.73 SG	5.72 G	5.70 CS	5.72 FG	5.71 FG	5.73 SG
13	5.91 S	6.18 S	6.05 S	5.97 S	5.80 SG	5.80 SG	5.79 FG	5.78 S	5.81 S	5.78 S	5.80 S
14	6.06 S	6.28 S	6.14 S	5.97 S	5.80 S	5.77 SG	5.79 SG	5.76 S	5.75 G	5.76 SG	5.78 SG
15	6.20 S	6.42 S	6.23 S	6.06 S	6.12 S	6.10 S	6.11 S	6.11 S	6.07 S	6.05 SG	6.04 SG
16	6.64 G	6.61 S	6.56 S	6.58 S	6.63 S	6.53 S	6.46 S	6.46-	6.46-	6.46-	6.46-
17	6.61 S	6.70 S	6.68 S	6.66 S	6.62 FG	6.62	6.62-	6.62-	6.62-	6.62-	6.62-
18	6.60 S	6.65 S	6.60 S	6.58 S	6.57 S	6.55 S	6.55-	6.55-	6.55-	6.55-	6.55-
19	6.88 S	6.85 S	6.82 S	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-
20	6.84 S	6.83 S	6.84 S	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-
21	6.85 BM	6.83 S	6.83 BM	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-
22	6.98 BM	6.96 BM	6.96 BM	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-
23	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.8	0.0	0.2	1.8	2.5	2.8	3.3	3.9	3.9	3.8	3.6
BED ELEVATION	7.00	7.13	7.06	6.78	6.68	6.62	6.46	6.35	6.32	6.37	6.39
RIGHT EDGE WATER	22.0	22.3	22.2	18.8	18.5	18.4	16.0	15.7	15.7	15.8	15.9
BED ELEVATION	6.98	7.13	6.99	6.78	6.68	6.62	6.46	6.35	6.32	6.37	6.39
LEFT EDGE BAR						16.2					
BED ELEVATION						6.62					
RIGHT EDGE BAR						17.0					
BED ELEVATION						6.62					

TABLE 14.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1155, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-21
TIME	1357	1111	1026	1145	1234	1132	1059	1620	1410	1430	
WATER SURFACE(1)	6.39	6.40	6.38	6.39	6.36	6.33	6.26	6.20	6.19	6.14	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13
1	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.92-	6.66
2	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.77-	6.56
3	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.61-	6.17
4	6.33 G	6.32 G	6.34 G	6.33 G	6.31 G	6.33 G	6.33-	6.33-	6.33-	6.33-	6.27
5	6.07 G	6.08 G	6.09 G	6.07 G	6.09 G	6.08 G	6.06 G	6.06 G	6.09 G	6.12 G	6.05
6	5.94 G	5.96 G	5.96 G	5.93 G	5.95 G	5.93 G	5.92 G	5.94 G	5.95 G	5.93 G	5.92
7	5.89 G	5.89 G	5.88 G	5.90 G	5.86 G	5.89 G	5.88 G	5.87 G	5.88 G	5.89 G	5.85
8	5.81 G	5.80 G	5.80 G	5.82 G	5.80 G	5.80 G	5.80 G	5.80 G	5.88 G	5.81 G	5.80
9	5.77 G	5.78 G	5.79 G	5.79 G	5.77 G	5.79 G	5.78 G	5.77 G	5.79 G	5.78 G	5.77
10	5.78 G	5.80 G	5.79 G	5.78 G	5.78 G	5.80 G	5.78 G	5.78 G	5.79 G	5.81 G	5.78
11	5.73 G	5.73 FG	5.76 G	5.75 FG	5.74 G	5.73 SG	5.73 FG	5.72 G	5.74 G	5.78 S	5.72
12	5.70 G	5.70 FG	5.70 FG	5.72 SG	5.70 SG	5.73 S	5.76 S	5.76 SG	5.74 S	5.82 S	5.61
13	5.78 SG	5.80 S	5.78 S	5.81 S	5.78 S	5.79 S	5.84 S	5.83 S	5.84 S	5.89 S	5.66
14	5.76 S	5.75 S	5.77 SG	5.77 SG	5.76 SG	5.77 S	5.76 S	5.74 S	5.77 S	5.99 S	5.62
15	6.09 S	6.09 S	6.09 S	6.04 SG	6.11 S	6.04 S	6.06 S	5.98 S	6.02 S	6.03 S	5.65
16	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	6.46-	5.75
17	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	6.62-	5.72
18	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	6.55-	5.79
19	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	6.82-	5.75
20	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	6.84-	5.85
21	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.23
22	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.92
23	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.16-	7.14

	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	3.6	3.7	3.8	3.5	3.9	4.0	4.1	4.3	4.6	4.8
BED ELEVATION	6.39	6.40	6.38	6.39	6.36	6.33	6.26	6.20	6.19	6.14
RIGHT EDGE WATER	15.8	15.8	15.7	15.8	15.7	15.7	15.6	15.6	15.4	15.5
BED ELEVATION	6.39	6.40	6.38	6.39	6.36	6.33	6.26	6.20	6.19	6.14

(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 15.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1241, EAST FORK RIVER, WYOMING, 1979

DATE	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1405	1539	1255-	1116	1002	1237	1222	1146	1050	1027
WATER SURFACE(1)	7.04	7.27	7.38	7.36	7.37	7.63	7.54	7.20	6.80	6.60
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.29+	7.29+	7.29 BM	7.31 BM	7.31	7.29 BM	7.29 BM	7.29-	7.29-	7.29-
1	7.31+	7.31+	7.31 BM	7.31 BM	7.31 BM	7.31 BM	7.31 BM	7.31-	7.31-	7.31-
2	6.97	6.96 S	6.96 S	6.96 BM	6.97 M	6.95 BM	6.96 BM	6.96 S	6.96-	6.96-
3	7.04	7.04 S	7.05 S	7.04 S	7.05 S	7.02 S	7.04 BM	7.02 S	7.02-	7.02-
4	6.97	7.01 S	6.99 S	6.96 S	6.99 S	6.99 S	6.99 BM	6.98 S	6.98-	6.98-
5	6.92	6.92 S	6.93 S	6.92 S	6.92 S	6.95 S	6.94 BM	6.96 S	6.96-	6.96-
6	6.82	6.87 S	6.85 S	6.80 S	6.87 S	6.88 S	6.89 BM	6.91 S	6.91-	6.91-
7	6.82	6.80 S	6.65 S	6.64 S	6.71 S	6.74 S	6.73 S	6.72 S	6.73 S	6.73-
8	6.74	6.77 S	6.70 S	6.72 S	6.77 S	6.64 S	6.63 S	6.52 S	6.52 S	6.50 FS
9	6.64	6.60 S	6.66 S	6.60 S	6.62 S	6.54 S	6.39 S	6.38 S	6.44 S	6.45 FS
10	6.45	6.60 S	6.39 SG	6.40 S	6.47 S	6.49 S	6.22 S	6.29 S	6.38 S	6.38 FS
11	6.27	6.32 S	6.19 S	6.30 S	6.31 SG	6.27 S	6.14 SG	6.16 SG	6.26 S	6.26 FS
12	6.27	6.26 S	6.17 S	6.14 S	6.07 G	6.11 FG	5.99 SG	5.83 SG	6.08 S	6.08 FS
13	6.09	6.05 S	6.04 S	5.92 G	5.87 G	5.85 G	5.89 G	5.75 SG	5.96 S	5.98 FS
14	5.94	5.81 S	5.78 G	5.76 G	5.72 G	5.68 G	5.72 HB	5.72 G	5.84 S	5.95 FS
15	5.84	5.67 G	5.63 G	5.61 G	5.57 G	5.58 G	5.57 HB	5.56 G	5.62 S	5.85 FS
16	5.53	5.54 G	5.49 G	5.46 G	5.51 G	5.49 G	5.49 HB	5.52 HB	5.50 HB	5.59 S
17	5.45	5.47 G	5.44 G	5.42 G	5.42 G	5.47 G	5.46 G	5.45 G	5.44 G	5.45 G
18	5.34	5.40 G	5.38 G	5.35 G	5.37 G	5.38 G	5.42 G	5.40 S	5.45 G	5.37 G
19	5.24	5.30 G	5.29 G	5.26 G	5.27 G	5.26 G	5.27 G	5.30 G	5.28 G	5.27 G
20	5.35	5.27 HB	5.27 S	5.31 G	5.39 S	5.41 S	5.31 G	5.25 HB	5.30 HB	5.25 HB
21	5.62	5.77	5.75 S	5.70 G	5.77 G	5.73 S	5.75 HB	5.68 M	5.67 M	5.72 M
22	6.26	6.07	5.97 S	6.06 G	6.10 SG	6.02 BM	6.07 S	6.00 M	6.05 M	6.10
23	7.14+	7.14	6.96 BM	7.22 BM	7.13 BM	6.94 BM	6.92 BM	7.14 BM	7.14-	7.14-
24	7.10+	7.10	7.10 BM	7.12 BM	7.19 BM	7.11 BM	7.14 BM	7.14-	7.14-	7.14-
25	7.20+	7.20	7.23 BM	7.16 BM	7.19 BM	7.21 BM	7.18 BM	7.18-	7.18-	7.18-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	1.5	1.3	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	1.5	6.8	7.6
BED ELEVATION	7.04	7.27						7.20	6.80	6.60
RIGHT EDGE WATER	22.3	>25.0	>25.0	>25.0	>25.0	>25.0	>25.0	23.2	22.1	22.0
BED ELEVATION	7.04							7.20	6.80	6.10

TABLE 15.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1241, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1211	1215	1422	1146	1118	1145	1138	1300	1315	1210	1217
WATER SURFACE(1)	6.49	6.62	6.85	7.08	7.18	7.04	6.72	6.48	6.45	6.66	6.82
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-
1	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-
2	6.96-	6.96-	6.96-	6.96 S	6.97 S	6.99 M	6.99-	6.99-	6.99-	6.99-	6.99-
3	7.02-	7.02-	7.02-	7.07 S	7.06 S	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-
4	6.98-	6.98-	6.98-	6.98 S	6.98 S	7.00 S	7.00-	7.00-	7.00-	7.00-	7.00-
5	6.96-	6.96-	6.96-	6.98 S	6.73 S	6.95 S	6.95-	6.95-	6.95-	6.95-	6.95-
6	6.91-	6.91-	6.91-	6.92 S	6.90 S	6.89 S	6.89-	6.89-	6.89-	6.89-	6.89-
7	6.73-	6.73-	6.77 FS	6.75 S	6.66 S	6.77 SG	6.77-	6.77-	6.77-	6.77-	6.77 SG
8	6.50-	6.52 FS	6.45 S	6.48 S	6.72 S	6.67 SG	6.69 SG	6.69-	6.69-	6.69-	6.70 FG
9	6.47 FS	6.34 S	6.32 S	6.58 S	6.65 S	6.61 S	6.56 S	6.56-	6.56-	6.56 FS	6.52 SG
10	6.41 FS	6.29 SG	6.40 S	6.58 S	6.60 S	6.47 S	6.45 S	6.44 FS	6.43 S	6.35 S	6.51 SG
11	6.19 S	6.34 SG	6.47 S	6.46 S	6.41 SG	6.42 S	6.31 S	6.32 FS	6.29 S	6.36 S	6.48 SG
12	6.19 S	6.38 SG	6.37 S	6.38 S	6.16 S	6.22 S	6.20 S	6.16 FS	6.18 S	6.36 S	6.42 SG
13	6.32 S	6.35 SG	6.09 S	6.28 S	6.06 S	6.08 S	6.09 S	6.06 S	6.08 S	6.30 S	6.30 S
14	6.33 S	6.27 SG	6.05 S	6.03 S	5.85 S	5.97 S	5.89 S	5.88 S	5.90 S	6.22 S	6.17 CS
15	6.28 S	6.17 SG	5.88 S	5.83 S	5.74 S	5.68 SG	5.72 S	5.66 S	5.65 S	6.07 S	6.10 S
16	6.09 S	6.13 SG	5.59 S	5.68 S	5.55 SG	5.54 SG	5.52 SG	5.52 S	5.50 S	5.91 S	5.83 S
17	5.92 S	5.99 S	5.71 S	5.54 S	5.44 G	5.44 G	5.44 G	5.45 G	5.52 S	5.76 S	5.68 S
18	5.79 S	5.74 SG	5.65 S	5.40 G	5.40 G	5.40 G	5.41 SG	5.41 G	5.40 G	5.66 S	5.62 FS
19	5.69 S	5.65 SG	5.31 SG	5.28 G	5.26 G	5.29 G	5.29 SG	5.31 G	5.30 G	5.55 S	5.26 G
20	5.37 CS	5.40 G	5.29 HB	5.26 G	5.29 G	5.32 G	5.27 SG	5.31 G	5.28 HB	5.26 CS	5.30 HB
21	5.74 SG	5.75 SG	5.70 BM	5.66 G	5.72 G	5.72 G	5.70 S	5.75 SG	5.74 SG	5.44 G	5.46 HB
22	6.08 SG	6.09 SG	6.05 BM	6.53 G	6.05 BM	6.05-	6.05 S	6.12 BM	6.08 SG	6.09 SG	6.02 G
23	7.14-	7.14-	7.14-	7.14-	7.18	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-
24	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-
25	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-

	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	8.3	7.5	6.5	1.5	1.4	1.7	7.9	9.5	9.9	8.2	6.1
BED ELEVATION	6.49	6.62	6.85	7.08	7.18	7.04	6.72	6.48	6.45	6.66	6.82
RIGHT EDGE WATER	22.2	22.2	22.4	22.5	23.0	21.5	22.2	22.2	22.3	22.3	22.2
BED ELEVATION	6.17	6.19	6.85	7.08	7.18	7.04	6.72	6.17	6.12	6.16	6.82
LEFT EDGE BAR						2.4					
BED ELEVATION						7.04					
RIGHT EDGE BAR						3.7					
BED ELEVATION						7.04					

TABLE 15.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1241, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1200	1313	1320	1255	1237	1127	1207	1343	1325	1148	1217
WATER SURFACE(1)	7.07	7.20	7.11	6.81	6.71	6.66	6.49	6.38	6.33	6.41	6.42
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-
1	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-
2	6.98 M	6.98 BM	7.07 FS	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-
3	7.05 M	7.08 S	7.06 FS	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-
4	6.99 S	7.00 S	7.00 FS	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-
5	6.97 S	6.98 S	6.96 FS	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-
6	6.88 S	6.92 S	6.83 S	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-
7	6.79 CS	6.79 SG	6.73 S	6.71 S	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-
8	6.63 CS	6.75 S	6.68 S	6.64 S	6.64 S	6.65 S	6.65-	6.65-	6.65-	6.65-	6.65-
9	6.56 CS	6.68 S	6.68 S	6.55 S	6.53 S	6.54 FS	6.54-	6.54-	6.54-	6.54-	6.54-
10	6.52 CS	6.58 S	6.49 S	6.45 S	6.46 S	6.47 FS	6.47 S	6.47-	6.47-	6.47-	6.47-
11	6.43 S	6.40 SG	6.41 S	6.37 S	6.33 S	6.35 FS	6.35 FS	6.34 FS	6.33 S	6.35 S	6.32 CS
12	6.27 S	6.20 SG	6.30 SG	6.20 S	6.13 S	6.15 SG	6.15 FS	6.15 S	6.13 FS	6.14 S	6.17 CS
13	6.12 S	6.11 SG	6.15 SG	6.04 S	6.00 S	6.01 S	5.99 FS	5.97 S	6.00 FS	6.16 S	6.15 S
14	5.93 S	6.13 SG	5.94 SG	5.89 S	5.85 S	5.94 S	5.94 FS	5.94 S	5.92 S	6.15 S	6.16 S
15	5.92 S	5.80 SG	5.76 FG	5.77 S	5.68 SG	5.68 S	5.86 FS	5.73 S	5.76 S	6.18 S	6.12 S
16	5.75 S	5.56 SG	5.49 G	5.51 G	5.55 SG	5.62 S	5.69 FS	5.71 S	5.64 S	6.04 S	6.03 S
17	5.57 S	5.48 G	5.45 G	5.44 G	5.43 G	5.49 S	5.67 FS	5.61 S	5.63 S	6.01 S	5.90 S
18	5.37 G	5.40 G	5.43 G	5.40 SG	5.39 G	5.42 G	5.52 S	5.63 S	5.52 CS	5.88 S	5.80 S
19	5.26 G	5.29 G	5.30 G	5.25 SG	5.26 G	5.27 G	5.29 CG	5.37 S	5.42 CS	5.75 S	5.67 S
20	5.27 HB	5.31 S	5.31 S	5.29 SG	5.31 G	5.35 SG	5.35 G	5.29 S	5.35 S	5.69 S	5.42 SG
21	5.40 S	5.48 SG	5.51 G	5.41 G	5.46 G	5.53 G	5.47 G	5.48 SG	5.51 G	5.51 HB	5.53 G
22	6.05 SG	6.05 G	6.01 G	6.11 CS	6.12 BM	6.03 FG	6.02 BM	6.09 G	5.98 BM	6.01 BM	6.02 G
23	7.18-	7.20	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-
24	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-
25	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.6	1.5	1.5	6.2	7.5	7.8	9.9	10.7	11.0	10.7	10.4
BED ELEVATION	7.07	7.05	7.06	6.81	6.71	6.66	6.49	6.38	6.33	6.41	6.42
RIGHT EDGE WATER	22.6	23.0	22.6	22.3	22.1	22.2	22.2	22.0	22.1	22.1	22.2
BED ELEVATION	7.07	7.20	7.11	6.81	6.12	6.10	6.15	6.09	6.12	6.14	6.12

TABLE 15.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1241, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-21
TIME	1355	1105	1020	1137	1230	1126	1054	1612	1405	1415	
WATER SURFACE(1)	6.43	6.44	6.41	6.42	6.39	6.36	6.28	6.22	6.21	6.16	
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
1	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-		7.31
2	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-	7.07-		6.95
3	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-	7.06-		7.02
4	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-	7.00-		5.69
5	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-	6.96-		5.52
6	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-		5.52
7	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-	6.71-		5.42
8	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-	6.65-		5.31
9	6.54-	6.54-	6.54-	6.54-	6.54-	6.54-	6.54-	6.54-	6.54-		5.71
10	6.47-	6.47-	6.47-	6.47-	6.47-	6.47-	6.47-	6.47-	6.47-		5.60
11	6.32 SG	6.32 S	6.31 S	6.31 S	6.30 CS	6.33 S	6.33-	6.33-	6.33-		5.54
12	6.16 S	6.18 SG	6.21 SG	6.20 S	6.19 CS	6.21 CS	6.18 SG	6.19 S	6.20 CS		5.60
13	6.18 S	6.18 SG	6.19 SG	6.17 SG	6.19 CS	6.16 SG	6.18 SG	6.18 S	6.18 CS		5.63
14	6.16 S	6.16 SG	6.18 SG	6.16 SG	6.17 CS	6.16 SG	6.18 SG	6.17 S	6.19 CS		5.65
15	6.11 S	6.05 SG	6.18 SG	6.12 S	6.06 CS	6.11 S	6.00 S	5.94 S	5.97 CS		5.56
16	6.10 S	5.97 SG	6.02 S	6.04 S	5.91 CS	5.92 S	5.91 S	5.88 S	5.89 S		5.43
17	5.98 S	5.81 SG	5.90 S	5.94 S	5.82 CS	5.86 S	5.83 S	5.82 S	5.81 S		5.42
18	5.88 S	5.75 SG	5.64 S	5.70 S	5.69 S	5.68 S	5.71 S	5.78 S	5.77 S		5.34
19	5.73 S	5.66 SG	5.67 SG	5.67 S	5.68 S	5.66 S	5.65 S	5.62 S	5.64 S		5.24
20	5.43 CS	5.39 G	5.41 SG	5.38 S	5.39 FG	5.42 SG	5.40 FG	5.42 S	5.41 S		5.25
21	5.53 G	5.53 G	5.52 G	5.49 SG	5.52 G	5.50 B	5.47 FG	5.48 SG	5.47 S		5.40
22	6.05	6.03 BM	6.03-	6.00 BM	6.00 BM	5.99 M	5.99-	5.99-	5.99-		5.97
23	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-		6.92
24	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-		7.10
25	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-		7.16

	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS								
LEFT EDGE WATER	10.4	10.2	10.6	10.3	10.4	10.6	11.2	11.5	11.7
BED ELEVATION	6.43	6.44	6.41	6.42	6.39	6.36	6.28	6.22	6.21
RIGHT EDGE WATER	22.0	22.0	21.9	22.0	22.0	22.0	21.9	21.8	21.8
BED ELEVATION	6.05	6.03	6.00	6.00	6.00	5.99	5.92	5.90	5.88

(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 = RANK 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 1315, EAST FORK RIVER, WYOMING, 1979

DATE	5-15	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1400	1653	1530	1240	1120	1006	1216	1235	1155	1055	1036
WATER SURFACE(1)	6.39	6.96	7.29	7.41	7.39	7.40	7.66	7.56	7.22	6.87	6.68
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.24*	7.26*	7.23 BM	7.23 BM	7.26 BM	7.24 BM	7.25 BM	7.24 BM	7.24-	7.24-	7.24-
1	7.14*	7.15*	7.13 BM	7.13 BM	7.16 BM	7.15 BM	7.15 BM	7.14 BM	7.14 BM	7.14-	7.14-
2	6.83+	6.83	6.89 BM	6.96 BM	6.92 BM	6.95 BM	6.88 BM	6.92 BM	6.92 BM	6.87	6.87-
3	5.90	5.93	5.89 G	5.89 G	5.89 G	5.90 G	5.91 HB	5.90 G	5.90 G	5.92 G	5.89 SG
4	5.86	5.86	5.85 G	5.90 HB	5.81 HB	5.78 HB	5.85 HB	5.83 HB	5.83 G	5.84 HB	5.88 SG
5	5.94	5.86	5.84 HB	5.89 HB	5.88 HB	5.88 HB	5.88 HB	5.87 HB	5.85 HB	6.02 S	6.05 SG
6	6.00	5.91	5.93 G	5.96 G	5.96 G	5.94 G	5.96 G	5.94 G	5.93 G	6.12 SG	6.08 SG
7	6.08	6.03	6.03 G	6.05 G	6.07 G	6.04 G	6.07 G	6.04 SG	5.97 G	6.17 SG	6.12 SG
8	6.19	6.15	6.03 G	6.13 G	6.15 G	6.14 G	6.14 FG	6.10 SG	6.10 SG	6.24 SG	6.14 SG
9	6.31	6.36	6.21 S	6.21 SG	6.19 S	6.20 SG	6.18 FG	6.19 SG	6.18 SG	6.35 S	6.21 CS
10	6.36	6.34	6.29 S	6.22 S	6.24 S	6.25 S	6.22 S	6.20 S	6.22 S	6.41 S	6.23 CS
11	6.30	6.33	6.23 S	6.22 S	6.27 S	6.20 S	6.23 S	6.21 S	6.22 S	6.28 S	6.26 CS
12	6.23	6.16	6.23 S	6.22 S	6.29 S	6.22 S	6.24 S	6.19 S	6.20 S	6.42 S	6.28 CS
13	6.17	6.16	6.19 S	6.27 S	6.26 S	6.16 S	6.25 S	6.20 S	6.14 S	6.32 S	6.33 S
14	6.17	6.18	6.15 S	6.15 S	6.25 S	6.20 S	6.19 S	6.15 S	6.15 S	6.24 S	6.36 S
15	6.19	6.24	6.19 S	6.20 S	6.22 S	6.18 S	6.20 S	6.19 SG	6.19 SG	6.25 S	6.38 S
16	6.17	6.19	6.17 G	6.18 S	6.17 SG	6.16 G	6.17 SG	6.16 SG	6.16 G	6.26 S	6.45 S
17	6.13	6.18	6.12 G	6.12 G	6.14 FG	6.12 G	6.14 G	6.14 G	6.14 G	6.20 S	6.43 S
18	6.09	6.14	6.11 G	6.11 G	6.10 G	6.10 G	6.13 G	6.10 G	6.19 S	6.39 S	6.45 S
19	6.09	6.13	6.09 G	6.10 G	6.09 SG	6.16 M	6.24 S	6.21 S	6.29 S	6.63 S	6.45 S
20	6.08	6.08	6.05 G	6.11 S	6.30 S	6.28 S	6.34 S	6.30 S	6.51 S	6.64 S	6.43 SG
21	6.04	6.07	6.29 S	6.33 S	6.43 S	6.56 S	6.55 S	6.53 S	6.80 S	6.64 S	6.42 SG
22	6.01	6.05	6.33 S	6.58 S	6.69 S	6.72 S	6.75 S	6.75 S	6.74 S	6.69 S	6.48 SG
23	6.08	6.14	6.59 S	6.77 S	6.86 S	6.86 S	6.89 S	6.88 S	6.94 S	6.62 S	6.52 S
24	6.15	6.18	6.79 S	6.82 S	6.87 S	6.93 S	6.96 S	6.87 S	6.94 S	6.72 S	6.56 S
25	6.76+	6.76	6.79 M	6.88 S	6.97 S	6.95 S	6.96 S	6.95 S	7.00 S	6.74 S	6.68
26	7.33+	7.33*	7.33-	7.33 BM	7.34 BM	7.35 BM	7.33 BM	7.33 BM	7.33-	7.33-	7.33-
27	7.31*	7.32*	7.32-	7.31 BM	7.33 BM	7.33-	7.30 BM	7.29 BM	7.29-	7.29-	7.29-
28	7.30+	7.30+	7.30+	7.30 BM	7.31 BM	7.31-	7.30 BM	7.30 BM	7.30-	7.30-	7.30-
29	7.27+	7.27*	7.27-	7.28 BM	7.28 BM	7.28-	7.27 BM	7.24 BM	7.24-	7.24-	7.24-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.4	1.8	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	0.5	2.0	2.2
BED ELEVATION	6.13	6.96							7.22	6.87	6.11
RIGHT EDGE WATER	24.6	25.8	25.9	>29.0	>29.0	>29.0	>29.0	>29.0	25.6	25.2	25.0
BED ELEVATION	6.35	6.91	7.29						7.22	6.87	6.68

TABLE 16.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1315, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1208	1205	1355	1140	1110	1135	1121	1221	1304	1152	1206
WATER SURFACE(1)	6.59	6.68	6.89	7.11	7.20	7.06	6.74	6.56	6.54	6.73	6.87
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	7.14-	7.14-	7.14-	7.14-	7.15 BM	7.15-	7.15-	7.15-	7.15-	7.15-	7.15-
2	6.87-	6.87-	6.87 M	6.94 M	6.94 BM	6.95 BM	6.95-	6.95-	6.95-	6.95-	6.95-
3	5.89 FG	5.88 SG	5.89 FG	5.90 G	5.90 G	5.91 G	5.92 G	5.93 G	5.91 G	5.91 G	5.91 G
4	5.94 G	5.89 SG	5.91 FG	5.85 G	5.87 G	5.87 G	5.88 G	5.91 G	5.91 G	5.92 G	5.92 G
5	6.07 G	6.07 SG	6.07 FG	6.04 G	6.06 G	6.06 G	6.02 G	6.03 G	6.03 G	6.04 G	6.03 G
6	6.07 G	6.08 FG	6.08 FG	6.08 G	6.08 G	6.08 G	6.03 G	5.99 G	6.01 G	6.03 G	6.00 G
7	6.12 G	6.14 SG	6.13 FG	6.14 G	6.11 G	6.05 G	6.05 G	6.10 G	6.11 G	6.12 G	6.12 G
8	6.16 G	6.18 FG	6.18 FG	6.17 SG	6.15 G	6.08 G	6.14 G	6.15 G	6.16 G	6.16 G	6.15 G
9	6.19 G	6.20 SG	6.18 FG	6.19 SG	6.15 G	6.14 G	6.22 SG	6.17 G	6.17 FG	6.19 FG	6.17 FG
10	6.20 SG	6.24 SG	6.18 FG	6.19 FG	6.11 G	6.15 SG	6.23 SG	6.18 SG	6.20 SG	6.19 FG	6.17 FG
11	6.19 CS	6.19 SG	6.19 FG	6.15 FG	6.13 G	6.18 S	6.29 S	6.23 SG	6.15 SG	6.12 G	6.11 FG
12	6.27 CS	6.19 CS	6.11 FG	6.12 FG	6.12 G	6.17 S	6.34 S	6.24 SG	6.24 SG	6.11 G	6.09 FG
13	6.31 S	6.21 CS	6.16 FG	6.13 FG	6.17 S	6.15 SG	6.32 S	6.26 S	6.25 SG	6.09 G	6.12 FG
14	6.18 S	6.18 SG	6.18 CS	6.14 FG	6.18 S	6.15 G	6.23 S	6.27 S	6.15 SG	6.10 G	6.12 S
15	6.26 S	6.28 S	6.21 S	6.15 SG	6.16 SG	6.16 G	6.22 S	6.33 S	6.16 SG	6.13 G	6.12 G
16	6.29 S	6.19 S	6.17 S	6.18 S	6.17 FG	6.16 G	6.17 G	6.34 S	6.24 SG	6.20 SG	6.15 G
17	6.31 S	6.23 S	6.17 S	6.15 SG	6.12 FG	6.14 G	6.16 S	6.38 S	6.32 S	6.23 SG	6.15 S
18	6.32 S	6.28 S	6.19 S	6.18 CS	6.15 S	6.36 S	6.33 S	6.32 S	6.32 S	6.12 G	6.17 FS
19	6.35 S	6.26 SG	6.20 S	6.23 CS	6.42 CS	6.46 S	6.55 S	6.33 S	6.36 S	6.25 SG	6.22 SG
20	6.41 CS	6.36 CS	6.29 S	6.34 CS	6.57 CS	6.67 S	6.63 S	6.50 S	6.46 S	6.32 S	6.27 S
21	6.47 SG	6.38 S	6.35 S	6.47 CS	6.60 S	6.69 S	6.63 SG	6.63-	6.63-	6.61 FG	6.57 SG
22	6.51 SG	6.49 S	6.49 S	6.58 CS	6.51 CS	6.73 S	6.60 SG	6.60-	6.60-	6.60 FG	6.58 SG
23	6.53 SG	6.52 SG	6.54 S	6.68 CS	6.72 CS	6.77 S	6.60 S	6.60-	6.60-	6.58 SG	6.57 SG
24	6.57 S	6.56 CS	6.57 S	6.68 CS	6.83 S	6.74 S	6.63 S	6.63-	6.63-	6.57 SG	6.58 FS
25	6.68-	6.68 S	6.71 S	6.73 FS	6.76 FS	6.80 S	6.74 S	6.74-	6.74-	6.74-	6.76 FS
26	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-
27	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-
28	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-
29	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.2	2.2	1.9	1.3	0.5	1.8	2.3	2.3	2.4	2.3	2.1
BED ELEVATION	6.14	6.13	6.89	7.11	7.20	7.06	6.49	6.14	6.12	6.13	6.87
RIGHT EDGE WATER	24.5	25.0	25.4	25.7	25.7	25.7	25.0	20.1	20.4	24.8	25.5
BED ELEVATION	6.59	6.68	6.89	7.09	7.07	7.06	6.74	6.56	6.54	6.73	6.87

TABLE 16.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1315, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1143	1300	1320	1250	1230	1121	1202	1330	1317	1158	1215
WATER SURFACE(1)	7.10	7.21	7.13	6.83	6.76	6.71	6.54	6.45	6.41	6.46	6.47
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.24-	7.21 BM	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-
1	7.15-	7.14 BM	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-
2	6.96 BM	6.90	6.93 BM	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-
3	5.88 G	5.91 G	5.88 G	5.89 G	5.91 G	5.91 G	5.93 G	5.92 G	5.90 G	5.90 SG	5.92 FG
4	5.90 SG	5.92 G	5.89 G	5.87 SG	5.91 G	5.91 G	5.92 FG	5.92 G	5.90 G	5.90 SG	5.91 FG
5	6.02 SG	6.01 G	5.98 G	5.99 SG	6.00 G	6.01 FG	6.02 FG	6.03 FG	6.02 FG	6.02 G	6.03 FG
6	6.02 G	6.01 G	5.98 G	5.98 G	6.00 G	6.01 G	6.01 FG	6.02 FG	6.02 FG	6.01 G	6.03 FG
7	6.10 G	6.10 FG	6.07 G	6.07 G	6.08 SG	6.09 G	6.10 FG	6.09 FG	6.10 FG	6.10 G	6.11 FG
8	6.13 G	6.11 FG	6.06 G	6.10 G	6.12 G	6.13 G	6.12 FG	6.13 FG	6.12 FG	6.13 G	6.14 FG
9	6.14 SG	6.09 FG	6.05 G	6.08 CS	6.11 G	6.15 FG	6.15 FG	6.14 FG	6.15 FG	6.16 G	6.15 FG
10	6.15 SG	6.11 FG	6.06 G	6.20 CS	6.12 S	6.18 FG	6.17 FG	6.17 FG	6.19 FG	6.17 G	6.17 FG
11	6.10 SG	6.11 FG	6.09 G	6.28 CS	6.20 S	6.24 FG	6.17 FG	6.18 FG	6.19 FG	6.19 G	6.19 FG
12	6.07 SG	6.09 FG	6.12 S	6.22 CS	6.25 S	6.27 SG	6.20 SG	6.17 SG	6.17 FG	6.16 FG	6.16 FG
13	6.09 SG	6.09 SG	6.07 S	6.14 S	6.23 S	6.33 S	6.21 SG	6.15 S	6.15 FG	6.15 CS	6.15 SG
14	6.09 SG	6.11 S	6.11 S	6.13 S	6.32 S	6.31 S	6.19 SG	6.16 S	6.16 SG	6.16 CS	6.16 SG
15	6.13 SG	6.11 SG	6.09 S	6.09 S	6.36 S	6.28 S	6.24 SG	6.17 S	6.19 FG	6.16 CS	6.16 SG
16	6.16 S	6.13 FG	6.13 G	6.15 S	6.20 S	6.32 S	6.22 S	6.20 S	6.17 SG	6.13 CS	6.15 SG
17	6.12 SG	6.11 FG	6.11 G	6.20 S	6.25 S	6.31 S	6.26 S	6.15 S	6.13 SG	6.13 SG	6.14 SG
18	6.11 SG	6.11 SG	6.12 SG	6.30 S	6.11 G	6.29 S	6.19 S	6.20 S	6.10 SG	6.10 SG	6.11 SG
19	6.20 SG	6.19 S	6.33 S	6.42 S	6.22 S	6.23 S	6.26 S	6.27 S	6.11 SG	6.09 SG	6.11 SG
20	6.37 S	6.29 S	6.49 S	6.49 S	6.30 S	6.29 S	6.16 S	6.23 SG	6.15 SG	6.12 SG	6.09 SG
21	6.51 S	6.68 S	6.63 S	6.58 S	6.52 SG	6.51 SG	6.36 SG	6.28 S	6.21 SG	6.20 SG	6.09 SG
22	6.61 SG	6.72 S	6.67 S	6.57 S	6.55 SG	6.56 SG	6.56-	6.56-	6.56-	6.41 SG	6.35 SG
23	6.65 S	6.78 S	6.75 S	6.60 S	6.56 S	6.59 SG	6.59-	6.59-	6.59-	6.59-	6.59-
24	6.58 S	6.78 S	6.69 S	6.64 S	6.61 S	6.60 SG	6.60-	6.60-	6.60-	6.60-	6.60-
25	6.75 S	6.76 S	6.76 S	6.75 S	6.76 S	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-
26	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-
27	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-
28	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-
29	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.4	0.0	1.1	2.1	2.3	2.4	2.3	2.3	2.3	2.2	2.3
BED ELEVATION	7.10	7.21	7.13	6.83	6.76	6.11	6.11	6.13	6.02	6.12	6.10
RIGHT EDGE WATER	25.7	25.8	25.8	25.4	25.0	24.7	21.4	21.9	21.9	22.1	22.2
BED ELEVATION	7.05	6.95	7.02	6.83	6.76	6.71	6.54	6.45	6.41	6.46	6.47

TABLE 16.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1315, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-15
TIME	1343	1059	1013	1130	1225	1121	1048	1610	1356	1400	
WATER SURFACE(1)	6.48	6.49	6.45	6.46	6.43	6.40	6.31	6.25	6.23	6.18	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21-	7.21
1	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.14-	7.13
2	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.83
3	5.89 G	5.91 G	5.91 SG	5.89 SG	5.92 S	5.91 SG	5.89 SG	5.90 FS	5.88 G	5.88 S	5.88
4	5.90 G	5.90 G	5.91 FG	5.90 SG	5.89 FG	5.90 SG	5.90 SG	5.90 SG	5.89 G	5.89 S	5.78
5	6.02 FG	6.02 G	6.02 G	6.02 SG	6.01 FG	6.03 G	6.01 SG	6.02 SG	6.01 G	6.02 S	5.84
6	6.01 FG	6.01 G	6.02 G	6.01 SG	6.01 FG	6.01 G	6.01 SG	6.02 SG	6.01 G	6.02 S	5.77
7	6.10 FG	6.09 G	6.11 G	6.10 FG	6.10 FG	6.10 G	6.11 SG	6.10 SG	6.09 G	6.10 S	5.69
8	6.14 FG	6.13 G	6.14 G	6.12 SG	6.13 FG	6.12 G	6.12 G	6.10 SG	6.09 G	6.13 CS	5.66
9	6.16 FG	6.16 G	6.14 G	6.13 SG	6.15 SG	6.16 G	6.14 G	6.15 SG	6.14 SG	6.16 CS	5.87
10	6.17 SG	6.18 SG	6.17 G	6.17 SG	6.17 SG	6.17 G	6.18 G	6.17 SG	6.17 FG	6.17 CS	5.92
11	6.19 SG	6.19 SG	6.18 G	6.18 SG	6.18 SG	6.19 G	6.18 G	6.18 SG	6.17 FG	6.15 CS	5.83
12	6.16 SG	6.16 SG	6.17 FG	6.15 S	6.17 SG	6.18 SG	6.15 SG	6.13 SG	6.13 SG	6.14 S	5.69
13	6.14 SG	6.12 FG	6.13 SG	6.13 S	6.13 S	6.13 SG	6.13 SG	6.11 SG	6.11 SG	6.07 S	5.60
14	6.15 SG	6.12 FG	6.13 SG	6.12 S	6.11 S	6.13 SG	6.12 SG	6.08 SG	6.08 SG	6.08 S	5.74
15	6.16 SG	6.16 FG	6.15 SG	6.15 SG	6.15 S	6.16 SG	6.14 SG	6.10 SG	6.11 FG	6.12 S	5.81
16	6.16 SG	6.15 FG	6.14 G	6.14 SG	6.14 S	6.15 SG	6.13 SG	6.11 SG	6.11 FG	6.12 CS	5.69
17	6.13 SG	6.14 G	6.13 G	6.12 SG	6.13 S	6.13 FG	6.12 G	6.11 SG	6.11 FG	6.12 CS	5.76
18	6.11 SG	6.11 G	6.12 G	6.10 SG	6.11 SG	6.11 FG	6.11 G	6.10 G	6.09 FG	6.11 CS	5.56
19	6.11 SG	6.11 G	6.11 G	6.09 FG	6.10 SG	6.11 FG	6.11 G	6.09 G	6.08 FG	6.08 CS	5.55
20	6.08 SG	6.08 G	6.07 G	6.06 FG	6.06 SG	6.09 FG	6.08 G	6.07 G	6.05 FG	6.03 CS	5.62
21	6.08 SG	6.07 SG	6.05 SG	6.04 S	6.05 S	6.07 SG	6.05 G	6.03 G	6.03 FG	6.02 CS	5.64
22	6.28 SG	6.26 SG	6.18 SG	6.12 S	6.05 S	6.06 SG	6.05 FG	6.04 SG	6.06 SG	6.01 S	5.71
23	6.59-	6.59-	6.59-	6.46 S	6.43 S	6.37 CS	6.31 S	6.31-	6.31-	6.18 S	5.60
24	6.60-	6.60-	6.60-	6.60-	6.60-	6.60-	6.60-	6.60-	6.60-	6.60-	5.69
25	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.76-	6.68
26	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-	7.33
27	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29
28	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30
29	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24-	7.24
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.4	2.5	2.4	2.5	2.4	2.3	2.3	2.4	2.3	2.2	
BED ELEVATION	6.10	6.09	6.08	6.09	6.12	6.11	6.11	6.14	6.13	6.13	
RIGHT EDGE WATER	22.5	22.7	22.9	23.0	23.0	23.1	23.0	22.8	22.4	23.0	
BED ELEVATION	6.48	6.49	6.45	6.46	6.43	6.40	6.31	6.25	6.23	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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 1396, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1630	1527	1230	1107	1011	1207	1232	1204	1104	1048
WATER SURFACE(1)	7.02	7.35	7.45	7.43	7.44	7.68	7.59	7.31	6.99	6.80
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.83*	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-
1	7.74*	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-
2	7.19*	7.19 S	7.17 BM	7.18 BM	7.19 G	7.19 S	7.18 S	7.20 G	7.20-	7.20-
3	7.10*	7.10 S	7.11 S	7.10 BM	7.09 S	7.13 S	7.03 S	7.11 S	7.11-	7.11-
4	6.91 BM	6.91 S	6.95 S	6.95 BM	6.94 S	6.97 S	6.96 S	6.98 S	6.99	6.99-
5	6.50	6.47 G	6.49 G	6.45 G	6.40 G	6.46 G	6.54 G	6.43 G	6.47 G	6.48 G
6	6.32	6.31 G	6.31 G	6.41 G	6.29 G	6.33 G	6.29 G	6.28 G	6.31 G	6.29 G
7	6.22 G	6.21 G	6.20 G	6.22 G	6.18 G	6.24 G	6.24 G	6.23 G	6.22 G	6.23 G
8	6.19 G	6.20 G	6.19 G	6.20 G	6.14 G	6.19 G	6.21 G	6.21 G	6.21 G	6.20 G
9	6.12 G	6.12 G	6.14 G	6.11 G	6.10 G	6.14 G	6.13 G	6.13 G	6.14 G	6.10 G
10	6.08	6.08 G	6.09 G	6.09 G	6.06 G	6.10 G	6.10 G	6.09 G	6.08 G	6.07 G
11	6.08	6.10 G	6.11 SG	6.05 G	6.04 G	6.01 G	6.11 S	6.09 G	6.02 G	6.03 SG
12	6.02	5.98 G	5.96 G	5.98 G	5.94 G	5.99 G	6.00 S	5.99 G	6.06 SG	6.09 CS
13	6.08	6.02 S	6.03 S	6.03 SG	6.00 S	6.08 S	6.06 S	6.06 S	6.13 S	6.20 S
14	6.14	6.15 S	6.16 S	6.09 S	6.16 S	6.17 S	6.20 S	6.14 S	6.21 S	6.20 S
15	6.17	6.24 S	6.20 S	6.23 S	6.22 S	6.24 S	6.25 S	6.24 S	6.23 S	6.23 S
16	6.32	6.30 S	6.31 S	6.31 S	6.30 SG	6.29 S	6.33 SG	6.33 S	6.36 S	6.30 S
17	6.82 BM	6.44 S	6.42 S	6.43 BM	6.40 S	6.42 BM	6.44 BM	6.46 BM	6.47 S	6.45 M
18	7.30*	7.35 BM	7.33 BM	7.32 BM	7.34 BM	7.30 BM	7.30 BM	7.30-	7.30-	7.30-
19	7.42*	7.42-	7.44 BM	7.43 BM	7.44	7.45 BM	7.43 BM	7.43-	7.43-	7.43-
20	7.43*	7.43-	7.45 BM	7.45-	7.45-	7.46 BM	7.46 BM	7.46-	7.46-	7.46-
21	7.45+	7.45+	7.45+	7.45+	7.45+	7.45 BM	7.46 BM	7.46-	7.46-	7.46-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	3.6	1.7	1.7	1.6	1.7	1.4	1.7	1.7	4.0	4.5
BED ELEVATION	7.02	7.30	7.28	7.30	7.44	7.68	7.29	7.31	6.99	6.80
RIGHT EDGE WATER	17.4	18.0	20.0	19.0	19.0	>21.0	>21.0	17.6	17.2	17.3
BED ELEVATION	7.02	7.35	7.45	7.43	7.44			7.31	6.99	6.45

TABLE 17.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1396, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1155	1201	1350	1132	1110	1433	1117	1219	1300	1145	1205
WATER SURFACE(1)	6.68	6.78	6.95	7.16	7.26	7.09	6.88	6.68	6.64	6.81	6.93
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-
1	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-
2	7.20-	7.20-	7.20-	7.20-	7.20 G	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-
3	7.11-	7.11-	7.11-	7.13 M	7.11 S	7.11-	7.11-	7.11-	7.11-	7.11-	7.11-
4	6.99-	6.99-	6.95 M	6.94 M	7.00 S	6.99 BM	6.99-	6.99-	6.99-	6.99-	6.93 BM
5	6.43 G	6.54 SG	6.53 SG	6.51 SG	6.40 G	6.45 G	6.52 G	6.51 G	6.51 G	6.45 CG	6.42 G
6	6.29 G	6.36 G	6.31 G	6.29 G	6.28 G	6.29 G	6.34 G	6.33 G	6.29 G	6.30 CG	6.31 G
7	6.20 G	6.25 G	6.22 G	6.23 G	6.20 G	6.21 G	6.25 G	6.23 G	6.22 G	6.24 CG	6.23 G
8	6.18 G	6.24 G	6.21 G	6.20 G	6.18 G	6.19 G	6.21 G	6.19 G	6.19 G	6.18 CG	6.19 G
9	6.12 G	6.16 G	6.12 G	6.12 G	6.13 G	6.12 G	6.11 G	6.13 G	6.11 G	6.14 CG	6.13 G
10	6.06 G	6.08 G	6.05 G	6.06 G	6.03 G	6.05 G	6.10 G	6.05 G	6.07 G	6.04 CG	6.03 G
11	6.04 S	6.11 SG	6.07 SG	6.06 G	6.06 G	6.04 G	6.07 SG	6.06 G	6.06 G	6.04 G	6.06 G
12	6.12 S	6.13 SG	6.04 CS	6.03 G	5.99 G	5.99 SG	6.07 G	6.12 FG	6.10 SG	6.01 SG	6.02 G
13	6.19 S	6.17 SG	6.12 CS	6.02 SG	6.06 S	6.09 S	6.14 S	6.17 SG	6.12 SG	6.08 SG	6.03 SG
14	6.22 S	6.28 S	6.20 CS	6.17 S	6.14 S	6.20 S	6.26 S	6.18 SG	6.21 SG	6.25 S	6.19 FS
15	6.30 S	6.27 S	6.22 CS	6.23 SG	6.22 S	6.25 S	6.26 S	6.35 SG	6.44 SG	6.34 CS	6.28 S
16	6.45 S	6.46 S	6.31 CS	6.33 SG	6.32 S	6.32 SG	6.33 G	6.45 S	6.51 SG	6.49 SG	6.34 S
17	6.46 S	6.52 S	6.45 M	6.50 FS	6.46 S	6.48 BM	6.46 S	6.53 S	6.52 SG	6.51 S	6.46 S
18	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-
19	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-
20	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-
21	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	4.8	4.4	4.0	2.4	1.5	3.5	4.3	4.8	4.9	4.5	4.0
BED ELEVATION	6.68	6.78	6.95	7.16	7.26	7.09	6.88	6.68	6.64	6.81	6.93
RIGHT EDGE WATER	17.3	17.4	17.5	17.5	17.5	17.4	17.5	17.3	17.5	17.3	17.4
BED ELEVATION	6.68	6.62	6.55	7.16	7.26	7.09	6.59	6.49	6.60	6.51	6.61

TABLE 17.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1396, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1140	1258	1310	1245	1201	1116	1158	1327	1315	1152	1206
WATER SURFACE(1)	7.15	7.26	7.19	6.93	6.85	6.80	6.65	6.56	6.53	6.58	6.58
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-
1	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-
2	7.20-	7.19 BM	7.18 G	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-	7.18-
3	7.13 BM	7.10 BM	7.10 BM	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-	7.10-
4	6.95 BM	6.95 BM	6.93 BM	6.93 BM	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-
5	6.45 G	6.42 G	6.41 G	6.41 G	6.45 G	6.48 G	6.48 G	6.50 CG	6.47 G	6.50 G	6.46 G
6	6.29 G	6.27 G	6.29 G	6.27 G	6.31 G	6.30 G	6.30 G	6.32 CG	6.34 G	6.32 G	6.32 G
7	6.20 G	6.22 G	6.16 G	6.19 G	6.23 G	6.23 G	6.23 G	6.24 CG	6.23 G	6.25 G	6.24 G
8	6.17 G	6.16 G	6.13 G	6.18 G	6.24 G	6.20 G	6.18 G	6.20 CG	6.20 G	6.20 G	6.19 G
9	6.11 G	6.10 G	6.07 G	6.08 G	6.13 G	6.10 G	6.12 G	6.14 CG	6.13 G	6.13 G	6.14 G
10	6.05 G	6.05 G	5.99 G	6.00 G	6.04 G	6.06 G	6.07 G	6.09 CG	6.04 G	6.04 G	6.06 G
11	6.03 G	6.06 G	6.03 G	6.05 G	6.08 G	6.10 G	6.09 G	6.10 G	6.12 G	6.09 G	6.08 G
12	5.99 SG	6.04 G	5.98 G	5.99 G	6.04 G	6.04 G	6.05 FG	6.06 G	6.05 FG	6.05 SG	6.06 FG
13	6.05 SG	6.03 FG	6.02 SG	6.03 CS	6.05 G	6.06 SG	6.05 FG	6.08 S	6.12 S	6.08 S	6.08 S
14	6.12 S	6.16 S	6.10 S	6.16 S	6.15 S	6.20 S	6.12 S	6.22 S	6.30 S	6.40 S	6.27 S
15	6.22 SG	6.20 S	6.20 S	6.18 SG	6.25 S	6.26 S	6.32 S	6.46 S	6.48 S	6.44 S	6.42 CS
16	6.35 S	6.34 S	6.31 S	6.33 S	6.36 S	6.40 S	6.43 S	6.49 S	6.48 S	6.44 S	6.44 CS
17	6.49 BM	6.46 S	6.45 SG	6.53 S	6.45 S	6.56 S	6.53 S	6.53 S	6.52 FS	6.50 FS	6.46 S
18	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-
19	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-
20	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-
21	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	2.4	1.6	1.9	4.0	4.4	4.5	4.9	4.8	4.8	4.9	4.8
BED ELEVATION	7.15	7.26	7.19	6.93	6.85	6.80	6.55	6.54	6.53	6.58	6.58
RIGHT EDGE WATER	17.6	17.6	17.4	17.4	17.5	17.5	17.5	17.4	17.3	17.5	17.5
BED ELEVATION	7.15	7.26	7.19	6.58	6.57	6.59	6.58	6.56	6.53	6.58	6.58

TABLE 17.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1396, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1341	1056	1010	1121	1152	1119	1043	1602	1350	1345	
WATER SURFACE(1)	6.59	6.60	6.57	6.58	6.55	6.53	6.48	6.43	6.42	6.37	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.83-	7.83-	7.83-	7.83-	7.83-		7.83-	7.83-	7.83-	7.83-	7.83
1	7.74-	7.74-	7.74-	7.74-	7.74-		7.74-	7.74-	7.74-	7.74-	7.74
2	7.18-	7.18-	7.18-	7.18-	7.18-		7.18-	7.18-	7.18-	7.18-	7.17
3	7.10-	7.10-	7.10-	7.10-	7.10-		7.10-	7.10-	7.10-	7.10-	7.03
4	6.93-	6.93-	6.93-	6.93-	6.93-		6.93-	6.93-	6.93-	6.93-	6.91
5	6.48 G	6.48 G	6.47 G	6.46 G	6.49 G		6.48 G	6.48-	6.48-	6.48-	6.37
6	6.31 G	6.31 G	6.31 G	6.34 G	6.30 G		6.34 G	6.32 S	6.32 G	6.34 G	6.14
7	6.22 G	6.22 G	6.24 G	6.23 G	6.22 G		6.23 G	6.24 S	6.27 G	6.25 G	6.16
8	6.20 G	6.21 G	6.20 G	6.20 FG	6.20 G		6.20 G	6.21 S	6.21 G	6.22 G	6.13
9	6.11 G	6.12 G	6.14 G	6.12 G	6.13 G		6.16 G	6.16 S	6.15 G	6.16 G	6.07
10	6.02 G	6.08 G	6.07 G	6.07 G	6.06 G		6.07 G	6.06 SG	6.04 G	6.09 G	5.98
11	6.11 G	6.10 G	6.09 G	6.10 G	6.09 G		6.09 G	6.08 SG	6.08 G	6.10 B	5.93
12	6.06 G	6.08 G	6.07 G	6.05 S	6.05 SG		6.08 FG	6.05 SG	6.05 FG	6.07 S	5.94
13	6.06 S	6.06 SG	6.06 S	6.09 S	6.10 S		6.08 SG	6.05 SG	6.05 SG	6.10 FS	5.90
14	6.20 S	6.20 S	6.16 S	6.14 S	6.12 S		6.12 S	6.20 S	6.18 S	6.24 FS	5.96
15	6.32 S	6.37 S	6.37 S	6.32 S	6.29 S		6.38 S	6.37 S	6.38 S	6.35 FS	6.05
16	6.45 S	6.41 S	6.44 S	6.40 S	6.40 S		6.41 S	6.40 S	6.41 S	6.41-	6.15
17	6.47 S	6.45 S	6.45 S	6.45 S	6.43 S		6.44 FS	6.43 S	6.42 S	6.42-	6.40
18	7.30-	7.30-	7.30-	7.30-	7.30-		7.30-	7.30-	7.30-	7.30-	7.30
19	7.43-	7.43-	7.43-	7.43-	7.43-		7.43-	7.43-	7.43-	7.43-	7.42
20	7.46-	7.46-	7.46-	7.46-	7.46-		7.46-	7.46-	7.46-	7.46-	7.43
21	7.46-	7.46-	7.46-	7.46-	7.46-		7.46-	7.46-	7.46-	7.46-	7.45
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	4.8	4.8	4.9	4.8	4.9		5.0	5.1	5.2	5.7	
BED ELEVATION	6.59	6.60	6.57	6.54	6.55		6.48	6.43	6.42	6.37	
RIGHT EDGE WATER	17.3	17.3	17.4	17.4	17.3		17.3	17.0	17.0	15.6	
BED ELEVATION	6.50	6.49	6.57	6.58	6.49		6.48	6.43	6.42	6.37	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 1481, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1610	1515	1305	1052	1015	1154	1224	1210	1115	1054
WATER SURFACE(1)	7.14	7.43	7.52	7.49	7.50	7.70	7.62	7.38	7.07	6.89
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.34*	7.36 BM	7.37 BM	7.36 BM	7.35 BM	7.36 BM	7.35 BM	7.38 BM	7.38-	7.38-
1	7.30*	7.31 BM	7.35 BM	7.32 BM	7.32 BM	7.31 BM	7.31 BM	7.33 BM	7.33-	7.33-
2	7.12	7.13 BM	7.14 BM	7.11 BM	7.12 BM	7.11 BM	7.11 BM	7.12 BM	7.12-	7.12-
3	6.84	6.83 S	6.90 BM	6.88 M	6.86 BM	6.81 M	6.93 M	6.90 S	6.94 M	6.94-
4	6.62	6.51 G	6.47 G	6.48 G	6.50 G	6.49 FG	6.51 FS	6.53 SG	6.49 SG	6.49 SG
5	6.39	6.41 G	6.42 G	6.39 G	6.40 G	6.41 FG	6.42 FS	6.41 G	6.42 G	6.39 G
6	6.36	6.35 G	6.34 G	6.37 G	6.34 G	6.34 FG	6.34 FS	6.34 G	6.35 G	6.33 G
7	6.24	6.34 S	6.28 G	6.26 G	6.24 G	6.21 G	6.20 FS	6.22 G	6.24 G	6.24 CS
8	6.18	6.23 S	6.21 SG	6.19 S	6.14 SG	6.15 FG	6.10 CS	6.18 S	6.20 G	6.19 CS
9	6.05	6.13 S	6.14 S	6.13 S	6.06 S	6.08 S	6.10 S	6.14 S	6.18 SG	6.14 CS
10	5.96	6.09 S	6.09 S	6.04 S	6.08 S	6.08 S	6.14 S	5.94 S	6.15 S	6.16 S
11	5.86	5.97 S	6.00 S	6.04 S	5.98 S	6.08 S	6.08 S	6.05 S	6.05 S	6.12 S
12	5.76	5.89 S	5.94 S	5.99 S	5.94 S	6.08 S	6.14 S	5.93 S	6.04 S	5.97 S
13	5.86	5.93 S	6.00 S	6.07 S	5.96 S	5.98 S	5.99 S	5.94 S	6.00 S	6.09 S
14	5.74	5.63 S	5.86 S	5.81 FG	5.90 G	5.90 S	5.95 S	6.05 S	5.95 S	6.09 S
15	5.45	5.48 G	5.47 G	5.59 G	5.60 G	5.62 SG	5.70 S	5.78 SG	5.76 SG	5.82 S
16	6.38	6.57 BM	6.36 BM	6.49 BM	5.94 BM	5.97 BM	6.02 BM	6.63 BM	6.00 BM	6.54 BM
17	6.94	6.83 BM	7.37 BM	6.36 BM	6.82 BM	6.70 BM	6.75 BM	6.78 BM	6.84 M	6.79 M
18	7.50*	7.50-	7.47 BM	7.48 BM	7.45 BM	7.50 BM	7.49 BM	7.49-	7.49-	7.49-
19	7.51+	7.51+	7.51 BM	7.49 BM	7.48 BM	7.50 BM	7.50 BM	7.50-	7.50-	7.50-
20	7.38*	7.41 BM	7.42 BM	7.41 BM	7.40 BM	7.40 BM	7.41 BM	7.41-	7.41-	7.41-
21	6.94	7.28 BM	7.27 BM	7.28 BM	7.16 BM	7.08 BM	7.02 S	7.26 BM	7.26-	7.26-
22	6.76	6.93 S	6.94 S	6.99 S	6.90 S	6.97 S	6.88 S	6.93 S	6.80 S	6.80 S
23	6.79	6.83 S	6.94 S	6.89 S	6.95 S	6.98 S	6.87 S	6.88 S	6.79 S	6.81 S
24	6.66	6.75 S	6.92 S	6.71 S	6.84 S	6.92 S	6.86 S	6.74 S	6.74 S	6.73 S
25	6.58	6.57 S	6.54 S	6.58 S	6.54 S	6.78 S	6.71 S	6.63 S	6.56 S	6.64 S
26	6.55	6.53 S	6.42 S	6.46 S	6.46 S	6.49 S	6.50 S	6.47 SG	6.40 SG	6.38 SG
27	6.74	6.46 S	6.72 S	6.72 S	6.40 S	6.45 S	6.44 S	6.43 S	6.76 BM	6.74 BM
28	7.33*	7.43 BM	7.37 BM	7.38 BM	7.38 BM	7.27 S	7.41 BM	7.38	7.38-	7.38-
29	7.34*	7.34-	7.32 BM	7.38 BM	7.38-	7.37 BM	7.39 BM	7.39-	7.39-	7.39-
	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	< 0.0	0.0	2.4	3.1
BED ELEVATION	7.14							7.38	7.07	6.89
RIGHT EDGE WATER	27.6	28.0	>29.0	>29.0	>28.0	>29.0	>29.0	28.0	27.3	27.6
BED ELEVATION	7.14	7.43						7.38	7.07	6.80
LEFT EDGE BAR	17.0	17.1						17.3	17.1	17.1
BED ELEVATION	7.14	7.42						7.38	7.07	6.89
RIGHT EDGE BAR	20.8	19.9						20.2	21.2	21.5
BED ELEVATION	6.99	7.43						7.38	7.07	6.89

TABLE 18.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1481, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1150	1145	1401	1128	1105	1125	1105	1205	1255	1135	1151
WATER SURFACE(1)	6.80	6.88	7.07	7.27	7.36	7.25	6.98	6.79	6.76	6.93	7.05
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	7.33-	7.33-	7.33-	7.33-	7.33 BM	7.33-	7.33-	7.33-	7.33-	7.33-	7.33-
2	7.12-	7.12-	7.12-	7.16 BM	7.24 BM	7.12 S	7.12-	7.12-	7.12-	7.12-	7.12-
3	6.94-	6.88 BM	6.91 BM	6.95 M	6.90 BM	6.93 S	6.90 FG	6.90-	6.90-	6.91 BM	6.92 BM
4	6.49 SG	6.51 SG	6.50 SG	6.50 G	6.51 G	6.54 SG	6.50 G	6.51 FG	6.51 G	6.52 FG	6.50 FG
5	6.42 G	6.41 G	6.41 SG	6.40 G	6.41 G	6.44 G	6.41 G	6.44 G	6.42 G	6.42 FG	6.43 FG
6	6.37 G	6.36 G	6.34 SG	6.37 G	6.39 G	6.37 G	6.37 G	6.38 G	6.38 G	6.38 G	6.37 FG
7	6.27 CS	6.26 SG	6.26 SG	6.30 CS	6.34 SG	6.36 G	6.28 G	6.36 G	6.36 G	6.32 G	6.35 FG
8	6.19 SG	6.19 SG	6.18 S	6.22 CS	6.29 SG	6.22 G	6.20 G	6.22 SG	6.24 SG	6.20 G	6.20 S
9	6.15 SG	6.11 SG	6.09 S	6.09 S	6.13 S	6.21 S	6.12 SG	6.14 SG	6.13 SG	6.11 G	6.11 S
10	6.17 CS	6.13 SG	6.04 S	6.00 S	6.08 S	6.03 S	6.18 S	6.16 SG	6.10 S	6.08 CS	5.95 S
11	6.20 CS	6.10 S	6.04 S	5.95 S	6.08 S	6.12 S	6.17 S	6.17 SG	6.06 S	6.03 CS	5.99 S
12	6.07 CS	6.11 SG	6.00 S	5.98 S	6.03 S	6.05 S	6.12 S	6.05 SG	6.06 S	5.98 CS	5.93 S
13	6.04 CS	6.03 S	5.98 S	5.94 S	5.97 S	5.97 S	6.08 S	5.95 SG	6.01 S	5.98 CS	5.93 S
14	6.09 CS	6.04 SG	5.97 S	5.94 SG	5.97 S	5.96 S	5.99 S	5.99 SG	5.96 S	5.91 S	5.91 S
15	6.02 S	5.99 S	5.92 S	5.80 S	5.69 FG	5.65 G	5.68 S	5.86 SG	5.86 S	5.82 S	5.75 S
16	6.56 BM	6.58 BM	5.94 BM	5.99 S	6.55 BM	6.05 S	6.67 BM	6.55 BM	6.46 BM	6.51 BM	6.53 BM
17	6.80 BM	6.78 BM	6.78 BM	6.83 S	6.78 BM	6.80 S	6.83 BM	6.79 BM	6.79-	6.80 BM	6.79 BM
18	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-
19	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-
20	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-
21	7.26-	7.26-	7.26-	7.26-	7.31 BM	7.09 S	7.09-	7.09-	7.09-	7.09-	7.09-
22	6.80-	6.82 S	6.80 S	6.84 S	6.91 S	6.87 S	6.86 S	6.86-	6.86-	6.86 S	6.87 S
23	6.80 S	6.83 S	6.82 S	6.77 S	6.83 S	6.83 S	6.81 S	6.81-	6.81-	6.82 S	6.85 S
24	6.76 S	6.76 S	6.69 S	6.68 S	6.77 S	6.69 S	6.71 S	6.74 S	6.71 S	6.72 S	6.77 S
25	6.56 S	6.56 S	6.56 S	6.54 G	6.56 SG	6.65 S	6.56 S	6.56 S	6.55 S	6.56 S	6.59 S
26	6.39 G	6.38 G	6.41 S	6.42 G	6.49 FG	6.47 SG	6.38 SG	6.38 G	6.36 S	6.40 G	6.37 G
27	6.73 BM	6.73 BM	6.40 S	6.73 M	6.70 BM	6.72 BM	6.76 BM	6.76 BM	6.75 BM	6.72 BM	6.43 BM
28	7.38-	7.38-	7.38-	7.38-	7.36 BM	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-
29	7.39-	7.39-	7.39-	7.39-	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	3.2	3.0	2.3	1.6	0.3	1.7	2.9	3.4	3.5	2.9	2.3
BED ELEVATION	6.80	6.88	7.07	7.27	7.36	7.25	6.98	6.79	6.76	6.93	7.05
RIGHT EDGE WATER	27.4	27.5	27.5	27.8	28.0	27.8	27.5	27.4	27.4	27.6	27.6
BED ELEVATION	6.80	6.88	6.89	7.27	7.36	7.25	6.90	6.79	6.76	6.93	7.05
LEFT EDGE BAR	17.0	17.2	17.2	17.2	17.3	17.2	17.2	17.0	16.9	17.2	17.2
BED ELEVATION	6.80	6.88	7.07	7.27	6.87	6.85	6.87	6.79	6.76	6.93	7.05
RIGHT EDGE BAR	23.0	21.4	21.2	21.1	20.3	21.0	21.3	23.5	23.8	21.4	21.3
BED ELEVATION	6.80	6.88	7.07	7.27	7.36	7.25	6.98	6.79	6.76	6.93	7.05

TABLE 18.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1481, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1122	1241	1216	1208	1150	1107	1146	1316	1305	1137	1155
WATER SURFACE(1)	7.25	7.36	7.30	7.06	6.98	6.92	6.78	6.67	6.62	6.70	6.70
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.38-	7.36 BM	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-
1	7.33-	7.33 BM	7.30	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-
2	7.14 BM	7.14 BM	7.13 BM	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-
3	6.93 BM	6.93 BM	6.95 BM	6.95 M	6.96 BM	6.92 FG	6.92-	6.92-	6.92-	6.92-	6.92-
4	6.47 SG	6.50 G	6.50 FG	6.52 FG	6.54 FG	6.50 FG	6.49 SG	6.49 SG	6.48 G	6.50 FG	6.49 G
5	6.42 G	6.41 G	6.44 G	6.43 G	6.43 FG	6.42 FG	6.43 G	6.42 FG	6.41 G	6.42 G	6.41 FG
6	6.36 G	6.36 G	6.37 G	6.35 G	6.36 FG	6.35 FG	6.35 G	6.33 FG	6.33 G	6.32 G	6.34 G
7	6.27 SG	6.30 G	6.28 G	6.30 G	6.30 G	6.30 FG	6.28 G	6.28 FG	6.29 G	6.30 G	6.28 G
8	6.20 S	6.21 FG	6.18 S	6.21 G	6.24 G	6.22 FG	6.23 G	6.24 FG	6.21 G	6.23 G	6.23 S
9	6.07 S	6.16 S	6.17 S	6.13 CS	6.16 SG	6.12 FG	6.13 FG	6.15 FG	6.11 FG	6.14 G	6.14 SG
10	6.00 S	5.96 S	6.12 S	6.11 S	6.08 S	6.08 S	6.06 S	6.04 S	6.03 S	6.01 S	6.00 SG
11	5.97 S	6.01 S	6.06 S	6.03 S	6.06 S	6.01 S	5.99 S	6.02 S	5.99 S	6.00 S	5.98 S
12	5.86 S	5.96 S	5.98 S	6.07 S	6.07 S	6.01 S	6.06 S	6.02 S	5.92 S	5.94 S	5.92 SG
13	5.90 S	5.96 S	5.90 S	5.93 S	5.98 S	6.01 S	5.85 S	5.91 S	5.86 SG	5.82 S	5.80 SG
14	5.89 S	5.90 FG	5.88 S	5.95 S	5.99 S	5.87 SG	5.88 SG	5.87 FG	5.85 SG	5.86 SG	5.88 FG
15	5.66 S	5.74 G	5.60 S	5.64 G	5.76 SG	5.79 G	5.76 S	5.77 S	5.77 S	5.79 S	5.78 G
16	6.42 BM	5.88 S	5.87 BM	6.49 M	6.48	6.60 BM	6.51 BM	6.64 BM	6.61 BM	6.62 BM	6.49 BM
17	6.77 BM	6.80 BM	6.80 BM	6.82 BM	6.84	6.82 FS	6.78 BM	6.78-	6.78-	6.78-	6.78-
18	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-
19	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-
20	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-	7.41-
21	7.25 BM	7.10 FS	7.30	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-	7.30-
22	6.83 S	6.86 S	6.90 S	6.83 S	6.86 S	6.83 S	6.83-	6.83-	6.83-	6.83-	6.83-
23	6.79 S	6.83 S	6.83 S	6.81 S	6.80 S	6.77 S	6.77-	6.77-	6.77-	6.77-	6.77-
24	6.70 S	6.70 S	6.77 S	6.71 S	6.73 S	6.72 S	6.72 S	6.72-	6.72-	6.72-	6.72-
25	6.55 S	6.56 S	6.58 S	6.52 S	6.55 S	6.53 S	6.54 S	6.54 S	6.54	6.54 S	6.53 S
26	6.40 G	6.44 FG	6.37 FG	6.44 FG	6.38 FG	6.36 FG	6.35 G	6.36 S	6.36	6.36 G	6.36 S
27	6.64 BM	6.67 S	6.62 S	6.72 BM	6.72 BM	6.71 BM	6.70 BM	6.70-	6.70-	6.70 BM	6.70 BM
28	7.36-	7.36 BM	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-
29	7.39-	7.39-	7.39-	7.39-	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	1.5	0.0	1.0	2.3	2.9	3.0	3.5	3.6	3.7	3.6	3.6
BED ELEVATION	7.25	7.36	7.30	7.06	6.98	6.92	6.78	6.67	6.62	6.70	6.70
RIGHT EDGE WATER	27.8	28.0	27.9	27.5	27.6	27.5	27.5	26.8	26.9	27.0	27.0
BED ELEVATION	7.25	7.36	7.30	6.86	6.88	6.89	6.78	6.67	6.62	6.70	6.70
LEFT EDGE BAR	17.1	17.2	17.0	17.2	17.2	17.3	17.0	16.8	16.7	16.9	16.8
BED ELEVATION	7.25	7.36	6.80	7.06	6.98	6.92	6.78	6.67	6.62	6.64	6.70
RIGHT EDGE BAR	21.0	20.2	21.0	21.3	21.2	21.4	23.3	24.5	24.6	24.3	24.2
BED ELEVATION	7.25	7.36	7.30	7.06	6.98	6.92	6.78	6.67	6.62	6.70	6.70

TABLE 18.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1481, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1330	1045	1007	1116	1145	1115	1035	1558	1342	1330	
WATER SURFACE(1)	6.71	6.72	6.69	6.70	6.67	6.64	6.57	6.50	6.49	6.43	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.36-	7.36-		7.36-	7.36-		7.36-	7.36-	7.36-	7.36-	7.34
1	7.30-	7.30-		7.30-	7.30-		7.30-	7.30-	7.30-	7.30-	7.30
2	7.13-	7.13-		7.13-	7.13-		7.13-	7.13-	7.13-	7.13-	7.11
3	6.92-	6.92-		6.92-	6.92-		6.92-	6.92-	6.92-	6.92-	6.04
4	6.50 G	6.50 G		6.49 SG	6.49 FG		6.49 SG	6.49 SG	6.49-	6.49-	6.00
5	6.41 FG	6.42 G		6.42 FG	6.41 FG		6.41 G	6.40 SG	6.40 SG	6.41 G	5.81
6	6.35 FG	6.32 G		6.34 FG	6.32 FG		6.34 G	6.32 SG	6.33 SG	6.33 G	5.85
7	6.28 FG	6.30 G		6.27 SG	6.29 FG		6.27 G	6.26 SG	6.27 SG	6.27 SG	5.67
8	6.22 G	6.22 G		6.23 S	6.21 FG		6.22 SG	6.21 S	6.21 S	6.19 SG	5.67
9	6.13 G	6.13 G		6.14 S	6.12 SG		6.12 SG	6.10 S	6.19 S	6.01 SG	5.67
10	5.97 SG	5.96 SG		5.94 S	5.94 SG		6.03 S	5.87 S	5.87 SG	5.87 SG	5.68
11	5.94 S	5.98 S		5.94 S	5.96 S		5.89 S	5.76 S	5.78 SG	5.89 SG	5.60
12	5.93 S	5.94 S		5.90 S	5.92 S		5.86 SG	5.73 S	5.75 SG	5.78 SG	5.62
13	5.80 SG	5.80 G		5.81 S	5.79 SG		5.78 FG	5.76 S	5.78 SG	5.79 SG	5.56
14	5.88 FG	5.86 G		5.86 S	5.86 SG		5.85 FG	5.83 S	5.84 S	5.77 SG	5.48
15	5.79 S	5.77 S		5.78 S	5.77 SG		5.77 S	5.77 FS	5.78 S	5.78 M	5.37
16	6.50 BM	6.62 BM		6.46 M	6.50 BM		6.48 BM	6.47 BM	6.48 BM	6.48-	5.51
17	6.78-	6.78-		6.78-	6.78-		6.78-	6.78-	6.78-	6.78-	6.36
18	7.49-	7.49-		7.49-	7.49-		7.49-	7.49-	7.49-	7.49-	7.45
19	7.50-	7.50-		7.50-	7.50-		7.50-	7.50-	7.50-	7.50-	7.48
20	7.41-	7.41-		7.41-	7.41-		7.41-	7.41-	7.41-	7.41-	7.38
21	7.30-	7.30-		7.30-	7.30-		7.30-	7.30-	7.30-	7.30-	6.94
22	6.83-	6.83-		6.83-	6.83-		6.83-	6.83-	6.83-	6.83-	6.48
23	6.77-	6.77-		6.77-	6.77-		6.77-	6.77-	6.77-	6.77-	6.21
24	6.72-	6.72		6.72-	6.72-		6.72-	6.72-	6.72-	6.72-	6.18
25	6.53	6.52 S		6.53	6.54 CS		6.55 S	6.55-	6.55-	6.55-	6.33
26	6.35	6.34 SG		6.36	6.37 FG		6.35 G	6.34 SG	6.34-	6.34-	6.28
27	6.71	6.72		6.72-	6.72-		6.72-	6.72-	6.72-	6.72-	6.40
28	7.36-	7.36-		7.36-	7.36-		7.36-	7.36-	7.36-	7.36-	7.27
29	7.39-	7.39-		7.39-	7.39-		7.39-	7.39-	7.39-	7.39-	7.32
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.5	3.6		3.5	3.6		3.8	3.9	4.1	4.7	
BED ELEVATION	6.71	6.72		6.70	6.67		6.57	6.50	6.49	6.43	
RIGHT EDGE WATER	27.0	27.0		26.9	26.9		26.8	26.9	16.4	15.8	
BED ELEVATION	6.71	6.72		6.70	6.67		6.41	6.40	6.49	6.14	
LEFT EDGE BAR	16.8	16.8		16.8	16.8		16.8	16.5			
BED ELEVATION	6.60	6.58		6.70	6.60		6.57	6.50			
RIGHT EDGE BAR	24.2	24.0		24.3	24.4		24.9	25.5			
BED ELEVATION	6.71	6.72		6.70	6.67		6.57	6.50			

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 1662, EAST FORK RIVER, WYOMING, 1979

DATE	5-15	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1320	1555	1500	1145	1058	1018	1140	1212	1232	1126	1105
WATER SURFACE(1)	6.75	7.31	7.60	7.67	7.65	7.66	7.80	7.74	7.53	7.20	7.00
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.44*	7.44-	7.44 BM	7.44 BM	7.43 BM	7.43 BM	7.43 BM	7.43 BM	7.43 BM	7.43-	7.43-
1	7.37*	7.37-	7.37 BM	7.36 BM	7.33 BM	7.34 BM	7.35 BM	7.35 BM	7.32 BM	7.32-	7.32-
2	7.45*	7.45-	7.42 BM	7.29 BM	7.29 BM	7.27 BM	7.24 BM	7.29 BM	7.30 BM	7.30-	7.30-
3	7.22*	7.22-	7.22 BM	7.22 BM	7.20 BM	7.24 BM	7.22 BM	7.25 BM	7.26 BM	7.26-	7.26-
4	7.29*	7.29-	7.30 BM	7.32 BM	7.35 BM	7.32 BM	7.33 BM	7.33 BM	7.30 BM	7.30-	7.30-
5	7.46*	7.46-	7.48 BM	7.49 BM	7.48 BM	7.48 BM	7.42 BM	7.43 BM	7.43 BM	7.43-	7.43-
6	7.39*	7.39-	7.39 BM	7.35 BM	7.28 BM	7.36 BM	7.36 BM	7.37 BM	7.47 BM	7.47-	7.47-
7	6.66	6.71	6.71 M	6.67 M	6.65 M	6.70 M	6.70 M	6.70 M	6.70 M	6.70 M	6.70 M
8	6.84*	6.79	6.81 M	6.80 M	6.83 M	6.83 M	6.83 M	6.83 M	6.83 M	6.83 M	6.83 M
9	6.61	6.67	6.65 FS	6.62 FS	6.61 FS	6.62 FS	6.64 FS	6.68 FS	6.65 FS	6.69 FS	6.65 FS
10	6.41	6.31	6.41 FS	6.39 FS	6.37 FS	6.40 FS	6.48 FS	6.48 FS	6.38 FS	6.54 FS	6.42 FS
11	6.17	6.26	6.18 S	6.14 FS	6.17 FS	6.18 FS	6.22 FS	6.17 FS	6.09 FS	6.21 FS	6.12 FS
12	6.24	6.19	6.07 S	5.93 FS	5.95 FS	5.93 S	5.85 S	5.82 S	5.79 S	5.76 FS	5.77 FS
13	6.28	6.18	5.85 S	5.59 S	5.67 FS	5.64 S	5.53 S	5.51 S	5.54 S	5.50 S	5.52 S
14	6.23	6.16	5.66 S	5.46 S	5.49 FS	5.51 S	5.41 HB	5.41 S	5.43 HB	5.44 S	5.45 S
15	6.24	6.03	5.65 S	5.33 S	5.49 S	5.39 HB	5.39 HB	5.41 S	5.42 S	5.41 S	5.45 S
16	6.25	6.03	5.56 S	5.34 S	5.51 S	5.42 S	5.38 G	5.40 S	5.43 S	5.40 G	5.44 S
17	6.27	6.02	5.55 S	5.32 S	5.51 S	5.50 SG	5.46 G	5.45 S	5.47 G	5.46 G	5.50 S
18	6.26	6.00	5.74 S	5.63 S	5.55 G	5.56 G	5.60 S	5.55 S	5.53 S	5.55 S	5.59 S
19	6.24	6.09	5.75 S	5.65 S	5.65 G	5.61 G	5.72 S	5.67 SG	5.63 G	5.64 S	5.72 S
20	6.27	6.10	5.80 S	5.75 S	5.73 G	5.71 G	5.76 S	5.77 SG	5.74 S	5.81 S	5.81 S
21	6.26	6.31	5.86 S	5.83 S	5.90 G	5.78 G	5.75 G	5.79 S	5.80 G	5.96 S	5.89 S
22	6.26	6.30	6.02 S	5.96 G	5.89 G	5.88 SG	5.87 G	5.82 S	5.90 S	6.03 S	6.00 SG
23	6.36	6.39	6.30 G	6.17 G	6.17 G	6.17 G	6.17 G	6.15 G	6.12 G	6.24 S	6.20 G
24	6.94+	6.94	6.95	6.86 M	7.01 BM	6.90 BM	6.90 BM	6.90 BM	6.90 BM	6.90 BM	6.90 BM
25	7.58+	7.58+	7.58+	7.58+	7.58+	7.58+	7.58 BM	7.58 BM	7.58-	7.58-	7.58-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	6.6	6.2	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	6.5	6.8
BED ELEVATION	6.75	7.31								7.20	6.70
RIGHT EDGE WATER	24.0	24.4	24.4	24.5	24.4	24.5	>25.0	>25.0	24.5	24.5	24.3
BED ELEVATION	6.75	7.31	7.60	7.67	7.65	7.66			7.53	7.20	7.00
LEFT EDGE BAR	7.6										
BED ELEVATION	6.75										
RIGHT EDGE BAR	8.6										
BED ELEVATION	6.75										

TABLE 19.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1662, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1140	1140	1340	1118	1045	1117	1109	1200	1214	1124	1155
WATER SURFACE(1)	6.90	7.01	7.22	7.44	7.52	7.41	7.11	6.88	6.86	7.05	7.20
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.43-	7.43-	7.43-	7.43-	7.43 BM	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-
1	7.32-	7.32-	7.32-	7.32-	7.37 BM	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-
2	7.30-	7.30-	7.30-	7.30-	7.45 BM	7.45-	7.45-	7.45-	7.45-	7.45-	7.45-
3	7.26-	7.26-	7.26-	7.26-	7.20 BM	7.20-	7.20-	7.20-	7.20-	7.20-	7.20-
4	7.30-	7.30-	7.30-	7.30-	7.28 BM	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-
5	7.43-	7.43-	7.43-	7.43-	7.47 BM	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-
6	7.47-	7.47-	7.47-	7.44 BM	7.38 BM	7.38 BM	7.38-	7.38-	7.38-	7.38-	7.38-
7	6.70 M	6.70 M	6.73 M	6.69 M	6.69 FS	6.71 M	6.71 FS	6.70 M	6.72 FS	6.70 FS	6.70 M
8	6.83 M	6.83 M	6.86 FS	6.84 M	6.84 FS	6.85 M	6.81 FS	6.81 FS	6.84 S	6.80 FS	6.83 FS
9	6.68 FS	6.66 FS	6.67 FS	6.69 FS	6.65 FS	6.65 FS	6.65 FS	6.66 FS	6.66 FS	6.64 S	6.60 FS
10	6.50 FS	6.47 FS	6.51 FS	6.54 FS	6.52 FS	6.53 FS	6.56 FS	6.58 FS	6.59 FS	6.54 S	6.53 FS
11	6.11 FS	6.13 FS	6.17 FS	6.34 FS	6.30 FS	6.37 S	6.33 FS	6.33 FS	6.31 FS	6.23 S	6.20 FS
12	5.74 S	5.77 S	5.80 FS	5.84 FS	5.80 FS	5.78 S	5.81 FS	5.86 FS	5.84 FS	5.76 S	5.74 FS
13	5.55 S	5.56 S	5.50 FS	5.52 FS	5.49 FS	5.48 S	5.46 S	5.48 FS	5.47 FS	5.47 S	5.45 S
14	5.45 S	5.47 S	5.46 S	5.44 HB	5.43 HB	5.45 S	5.45 S	5.46 S	5.47 S	5.47 S	5.47 S
15	5.45 S	5.48 S	5.45 S	5.39 HB	5.47 S	5.49 S	5.47 S	5.47 S	5.49 S	5.50 S	5.44 S
16	5.48 S	5.55 S	5.50 S	5.48 S	5.55 S	5.58 S	5.51 S	5.56 S	5.56 S	5.59 S	5.51 S
17	5.55 S	5.62 S	5.64 S	5.69 S	5.62 S	5.61 S	5.71 S	5.67 S	5.71 S	5.67 S	5.67 S
18	5.66 S	5.68 S	5.72 S	5.64 S	5.62 S	5.80 S	5.73 S	5.76 S	5.76 S	5.72 S	5.76 S
19	5.79 S	5.80 S	5.77 S	5.79 S	5.73 S	5.77 S	5.79 S	5.90 S	5.79 S	5.86 CS	5.85 S
20	5.92 S	5.92 S	5.95 S	5.79 S	5.80 SG	5.84 SG	5.91 S	5.92 S	5.99 S	5.89 CS	5.98 S
21	6.00 CS	6.00 S	6.01 S	5.90 S	5.84 S	5.94 S	6.01 S	6.01 CS	6.07 SG	6.10 S	6.16 S
22	6.05 SG	6.06 SG	6.04 S	5.99 S	5.99 CS	6.01 S	6.08 S	6.06 CS	6.08 SG	6.13 S	6.17 S
23	6.23 G	6.26 G	6.22 G	6.21 SG	6.29 G	6.15 G	6.03 SG	6.23 SG	6.30 SG	6.29 SG	6.21 S
24	6.90 BM	6.90 BM	6.91 BM	6.90 BM	6.87 S	6.83 S	6.88 BM	6.83 M	6.83 BM	6.83 BM	6.78 BM
25	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	6.8	6.5	6.4	6.0	< 0.0	5.9	6.5	6.8	6.5	6.6	6.5
BED ELEVATION	6.70	6.84	7.22	7.44		7.41	6.83	6.63	6.86	7.05	7.20
RIGHT EDGE WATER	24.0	24.5	24.4	24.4	24.4	24.5	24.5	24.1	24.1	24.4	24.5
BED ELEVATION	6.90	7.01	7.11	7.44	7.14	7.11	7.09	6.88	6.86	7.05	7.11

TABLE 19.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1662, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1130	1232	1225	1211	1148	1100	1200	1307	1255	1128	1152
WATER SURFACE(1)	7.43	7.53	7.47	7.19	7.11	7.05	6.88	6.76	6.72	6.79	6.79
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.43 BM	7.42 BM	7.43 BM	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-	7.43-
1	7.35 BM	7.38 BM	7.36 BM	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-
2	7.34 BM	7.31 BM	7.31 BM	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-
3	7.28 BM	7.21 BM	7.31 BM	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-
4	7.27 BM	7.31 BM	7.31 BM	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-
5	7.47-	7.47 BM	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-
6	7.38 BM	7.38 BM	7.34 BM	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-
7	6.69 FS	6.71 FS	6.70 M	6.68 FS	6.71 M	6.72 FS	6.69 FS	6.73 M	6.71 M	6.71 M	6.69 M
8	6.83 FS	6.86 S	6.84 S	6.79 FS	6.84 M	6.83 FS	6.83 FS	6.83-	6.83-	6.83-	6.83-
9	6.59 FS	6.61 S	6.62 SG	6.61 FS	6.60 S	6.63 FS	6.62 FS	6.62 FS	6.61 FS	6.61 M	6.62 M
10	6.54 FS	6.61 S	6.58 S	6.59 FS	6.59 S	6.62 FS	6.62 FS	6.61 FS	6.61 FS	6.60 FS	6.59 FS
11	6.27 S	6.28 S	6.16 S	6.10 FS	6.24 S	6.21 FS	6.20 FS	6.22 FS	6.21 FS	6.30 FS	6.29 M
12	5.77 S	5.78 S	5.67 S	5.70 FS	5.70 S	5.70 FS	5.73 FS	5.73 FS	5.73 S	5.79 FS	5.74 S
13	5.58 S	5.60 S	5.47 SG	5.46 S	5.47 S	5.47 FS	5.48 FS	5.46 FS	5.48 S	5.49 FS	5.45 S
14	5.50 S	5.50 S	5.49 S	5.49 S	5.51 S	5.51 FS	5.52 S	5.49 FS	5.51 S	5.51 FS	5.49 S
15	5.45 S	5.58 S	5.50 SG	5.49 S	5.55 S	5.55 S	5.53 S	5.53 FS	5.54 S	5.56 S	5.52 S
16	5.63 S	5.63 S	5.57 S	5.53 S	5.55 S	5.57 S	5.56 S	5.59 S	5.58 S	5.60 S	5.61 S
17	5.68 S	5.62 S	5.57 S	5.62 S	5.66 S	5.63 S	5.60 S	5.69 S	5.72 S	5.74 S	5.78 S
18	5.81 S	5.80 S	5.74 S	5.66 S	5.75 S	5.75 S	5.82 S	5.85 S	5.82 S	5.91 S	5.89 S
19	5.83 S	5.73 S	5.74 S	5.69 S	5.74 S	5.87 S	5.82 S	5.93 S	6.01 S	6.06 S	5.94 S
20	5.99 S	5.86 S	5.92 S	5.79 S	5.84 S	5.85 S	6.01 S	6.06 S	6.05 CS	6.08 S	5.96 S
21	6.02 S	5.93 S	5.91 S	5.86 S	5.95 S	6.13 S	6.02 S	6.04 CS	6.02 FG	6.05 S	6.01 S
22	6.06 CS	6.10 FG	5.94 CS	5.94 S	5.95 S	6.15 S	6.08 SG	6.06 FG	6.11 FG	6.09 S	6.09 S
23	6.15 CS	6.28 S	6.22 G	6.26 G	6.30 G	6.31 S	6.28 SG	6.31 G	6.28 G	6.29 BM	6.26 SG
24	6.86 S	6.83 S	6.49 G	6.93 BM	6.97 BM	6.85 BM	6.88	6.88-	6.88-	6.79 BM	6.79 BM
25	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.0	< 0.0	< 0.0	6.5	6.4	6.4	6.7	6.7	6.9	6.8	6.8
BED ELEVATION	7.43			6.82	6.83	6.81	6.72	6.76	6.72	6.79	6.74
RIGHT EDGE WATER	24.5	24.5	24.5	24.5	24.5	24.4	24.0	23.9	23.9	24.0	24.0
BED ELEVATION	7.12	7.13	6.61	7.14	7.11	7.05	6.88	6.76	6.72	6.79	6.79
LEFT EDGE BAR	4.6							7.3	7.0	7.5	7.5
BED ELEVATION	7.43							6.76	6.72	6.79	6.79
RIGHT EDGE BAR	5.7							8.4	8.3	8.2	8.2
BED ELEVATION	7.43							6.76	6.72	6.79	6.79

TABLE 19.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1662, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-15
TIME	1335	1020	956	1105	1139	1104	1028	1540	1335	1300	
WATER SURFACE(1)	6.81	6.82	6.78	6.80	6.76	6.73	6.66	6.61	6.58	6.86	
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-	7.42
1	7.36-		7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.36-	7.32
2	7.31-		7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.24
3	7.31-		7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.20
4	7.31-		7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.27
5	7.47-		7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.42
6	7.34-		7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.34-	7.28
7	6.70 M		6.72 M	6.70 M	6.71 M	6.71 M	6.71-	6.71-	6.71-	6.71 BM	5.91
8	6.83-		6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.83-	6.84 M	6.79
9	6.62 M		6.65 M	6.63 M	6.64 M	6.63 FS	6.65 M	6.65-	6.65-	6.64 M	5.41
10	6.61 FS		6.60 M	6.62 S	6.59 M	6.58 FS	6.60 M	6.61 S	6.61-	6.57 M	5.35
11	6.26 FS		6.31 FS	6.32 S	6.27 FS	6.22 FS	6.34 S	6.30 S	6.28 FS	6.25 M	5.40
12	5.79 FS		5.73 FS	5.69 S	5.72 S	5.74 FS	5.76 S	5.71 S	5.69 S	5.72 M	5.40
13	5.45 FS		5.45 FS	5.47 S	5.45 S	5.45 FS	5.45 S	5.46 S	5.46 S	5.48 M	5.36
14	5.50 FS		5.50 FS	5.50 S	5.48 S	5.51 FS	5.50 S	5.51 S	5.50 S	5.55 M	5.41
15	5.54 S		5.58 FS	5.57 S	5.54 S	5.54 FS	5.55 S	5.56 S	5.58 S	5.74 M	5.33
16	5.66 S		5.77 S	5.74 S	5.75 S	5.76 S	5.79 S	5.80 S	5.76 S	5.84 FS	5.32
17	5.79 S		5.77 S	5.85 S	5.84 S	5.93 S	5.87 S	5.87 FS	5.89 S	5.91 FS	5.32
18	5.84 S		5.86 S	5.88 S	5.81 S	5.81 S	5.95 S	6.02 FS	6.03 S	6.12 FS	5.45
19	5.97 S		5.89 S	5.74 S	5.85 S	5.93 S	6.02 S	6.09 S	6.06 S	6.12 FS	5.60
20	5.93 S		5.90 S	5.83 S	5.98 S	6.05 S	6.11 S	6.15 CS	6.13 S	6.15 FS	5.71
21	5.93 S		5.87 FG	5.87 SG	5.85 S	5.93 S	6.05 S	6.07 S	6.04 S	6.21 S	5.69
22	6.05 S		6.07 FG	6.05 SG	6.04 S	6.00 CS	6.01 CS	6.02 S	5.99 S	6.21 S	5.76
23	6.27 BM		6.30 M	6.30 SB	6.35 G	6.31 G	6.30 S	6.27 BM	6.28 G	6.27 S	5.97
24	6.81 BM		6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.81-	6.86 BM	6.49
25	7.58-		7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	6.7		6.8	6.6	6.9	6.9	8.7	10.0	10.1	6.8	
BED ELEVATION	6.81		6.78	6.80	6.76	6.73	6.66	6.61	6.58	6.71	
RIGHT EDGE WATER	24.0		23.8	23.9	23.9	23.8	23.8	23.9	23.9	24.0	
BED ELEVATION	6.81		6.49	6.80	6.76	6.53	6.54	6.49	6.47	6.86	
LEFT EDBE BAR	7.6		7.6	7.6	7.3	7.3					
BED ELEVATION	6.81		6.78	6.80	6.76	6.73					
RIGHT EDGE BAR	8.1		8.2	8.2	8.2	8.3					
BED ELEVATION	6.81		6.78	6.80	6.76	6.73					

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 1695, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1540	1447	1135	1043	1021	1128	1203	1245	1135	1115
WATER SURFACE(1)	7.31	7.62	7.68	7.66	7.67	7.81	7.74	7.55	7.22	7.01
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.38*	7.56 BM	7.56 BM	7.55 BM	7.55-	7.54 BM	7.54 BM	7.55	7.55-	7.55-
1	7.47*	7.49 BM	7.50 BM	7.48 BM	7.48-	7.48 BM	7.47 BM	7.50 BM	7.50-	7.50-
2	7.50	7.50 BM	7.50 BM	7.49 BM	7.49 BM	7.50 BM	7.47 BM	7.50 BM	7.50-	7.50-
3	6.86	6.87 S	6.88 M	6.90 S	6.93 S	6.95 S	7.01 S	6.96 BM	6.97 S	6.87 S
4	6.66	6.80 S	6.81 M	6.81 S	6.91 S	6.96 S	7.03 S	6.86 S	6.94 S	6.83 S
5	6.65	6.61 S	6.85 S	6.69 S	6.81 S	7.01 S	7.05 S	7.03 S	6.81 S	6.81 S
6	6.61	6.64 S	6.65 S	6.75 S	6.83 S	6.95 S	7.08 S	7.00 S	6.80 S	6.85 S
7	6.56	6.64 S	6.67 S	6.86 S	6.91 S	6.97 S	7.07 S	6.96 S	6.85 S	6.85 S
8	6.58	6.77 S	6.74 S	6.85 S	6.85 S	6.91 S	7.06 S	6.96 S	6.95 S	6.77 S
9	6.62	6.80 S	6.80 S	6.85 S	6.75 S	6.88 S	6.94 S	6.88 S	6.89 S	6.79 S
10	6.55	6.68 S	6.65 S	6.75 S	6.73 S	6.72 S	6.73 S	6.78 S	6.80 S	6.75 S
11	6.51	6.62 S	6.60 S	6.64 S	6.61 S	6.63 S	6.74 S	6.65 S	6.75 S	6.66 SG
12	6.52	6.62 S	6.50 G	6.58 S	6.49 SG	6.55 SG	6.54 SG	6.61 S	6.61 S	6.60 SG
13	6.50	6.59 SG	6.48 G	6.49 CS	6.41 G	6.42 SG	6.47 FG	6.50 S	6.50 SG	6.50 SG
14	6.46	6.47 SG	6.40 G	6.30 CS	6.29 G	6.29 G	6.28 FG	6.34 G	6.34 G	6.33 G
15	6.37	6.30 G	6.30 G	6.26 G	6.23 G	6.28 G	6.24 G	6.27 G	6.28 G	6.26 G
16	6.26	6.24 G	6.25 G	6.20 G	6.21 G	6.23 G	6.23 G	6.23 G	6.24 G	6.24 G
17	6.18	6.16 G	6.15 G	6.16 G	6.13 G	6.16 G	6.14 G	6.15 G	6.15 SG	6.15 G
18	6.15	6.13 G	6.12 G	6.14 G	6.11 G	6.15 G	6.13 G	6.13 G	6.16 SG	6.14 G
19	6.27	6.21 G	6.17 G	6.36 G	6.21 G	6.25 G	6.22 G	6.20 G	6.21 SG	6.24 G
20	6.60	6.59 G	6.49 G	6.45 G	6.45 G	6.49 G	6.46 SG	6.45 G	6.55 SG	6.53 G
21	7.76*	7.76-	6.88 M	6.88-	7.67	6.63 BM	7.57 BM	7.03 S	7.01 S	7.01
22	7.73*	7.73-	7.73-	7.73-	7.73-	7.76 BM	7.74	7.74-	7.74-	7.74-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	2.3	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	0.0	2.5	2.6
BED ELEVATION	7.31							7.55	7.22	6.98
RIGHT EDGE WATER	20.9	20.9	21.1	20.9	21.0	>22.0	22.0	21.4	21.5	21.0
BED ELEVATION	7.31	7.00	7.68	6.86	7.67		7.74	7.55	7.22	7.01

TABLE 20.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1695, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1137	1133	1312	1112	1039	1112	1104	1150	1207	1130	1143
WATER SURFACE(1)	6.92	7.02	7.24	7.45	7.54	7.42	7.13	6.90	6.88	7.08	7.22
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-
1	7.50-	7.50-	7.50-	7.50-	7.50 BM	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-
2	7.50-	7.50-	7.50-	7.50-	7.51 BM	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-
3	6.92 S	6.87 FS	6.84 M	6.86 M	6.84 S	6.85 S	6.88 FS	6.87 FS	6.87 FS	6.84 S	6.86 S
4	6.87 S	6.85 S	6.81 FS	6.75 S	6.74 S	6.80 S	6.74 S	6.86 S	6.84 FS	6.82 S	6.73 S
5	6.85 S	6.82 S	6.77 FS	6.69 S	6.60 S	6.80 S	6.76 S	6.78 S	6.81 S	6.80 S	6.77 FS
6	6.80 S	6.76 S	6.73 S	6.73 S	6.70 S	6.79 S	6.81 S	6.79 S	6.78 S	6.68 S	6.75 S
7	6.77 S	6.74 S	6.75 S	6.58 S	6.82 S	6.75 S	6.76 S	6.78 S	6.77 S	6.69 S	6.70 S
8	6.77 S	6.73 SG	6.72 SG	6.85 S	6.82 S	6.81 S	6.64 S	6.76 SG	6.71 S	6.63 S	6.67 S
9	6.76 S	6.73 SG	6.72 SG	6.76 S	6.83 S	6.85 S	6.62 CS	6.74 SG	6.66 S	6.55 S	6.70 S
10	6.76 S	6.72 SG	6.71 SG	6.70 S	6.78 S	6.79 SG	6.75 CS	6.68 SG	6.66 SG	6.60 CS	6.66 S
11	6.70 SG	6.68 SG	6.65 SG	6.64 SG	6.72 S	6.68 SG	6.73 S	6.68 SG	6.63 SG	6.58 CS	6.61 G
12	6.62 SG	6.60 SG	6.61 SG	6.54 FG	6.61 CS	6.67 SG	6.60 S	6.62 SG	6.59 SG	6.57 CS	6.57 G
13	6.52 SG	6.50 FG	6.50 SG	6.49 FG	6.47 SG	6.52 SG	6.50 FG	6.51 FG	6.51 SG	6.51 CS	6.51 FG
14	6.37 FG	6.33 G	6.34 G	6.37 FG	6.33 FG	6.42 SG	6.41 FG	6.38 SG	6.37 SG	6.38 CS	6.39 G
15	6.30 G	6.29 G	6.31 G	6.29 G	6.28 G	6.27 G	6.30 G	6.28 G	6.30 G	6.28 SG	6.28 G
16	6.26 G	6.23 G	6.24 G	6.26 G	6.24 G	6.24 G	6.23 G	6.24 G	6.24 G	6.23 G	6.22 G
17	6.16 G	6.14 G	6.16 G	6.16 G	6.14 G	6.15 G	6.17 G	6.14 G	6.15 G	6.16 G	6.16 G
18	6.16 G	6.16 G	6.15 G	6.15 G	6.14 G	6.15 G	6.15 G	6.14 G	6.15 G	6.13 G	6.17 G
19	6.22 G	6.22 G	6.26 SG	6.20 G	6.22 G	6.19 G	6.23 G	6.26 G	6.25 G	6.18 SG	6.20 G
20	6.50 G	6.54 G	6.49 G	6.42 G	6.48 G	6.45 G	6.51 G	6.47 G	6.47 G	6.52 SG	6.51 FG
21	7.01-	7.02 BM	7.02 M	7.02 BM	7.07 BM	7.10 BM	7.07 BM	7.07-	7.07-	7.07-	7.10 BM
22	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	3.0	2.7	2.4	2.3	0.3	2.2	2.6	2.9	2.9	2.6	2.5
BED ELEVATION	6.92	7.02	7.24	7.45	7.54	7.42	7.13	6.90	6.88	7.08	7.22
RIGHT EDGE WATER	20.6	21.0	21.4	21.5	21.6	21.4	21.5	20.5	20.6	20.5	21.0
BED ELEVATION	6.64	7.02	7.13	7.15	7.16	7.15	7.13	6.64	6.64	7.08	7.10

TABLE 20.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1695, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1113	1228	1210	1200	1145	1055	1152	1302	1300	1117	1148
WATER SURFACE(1)	7.44	7.54	7.49	7.21	7.13	7.07	6.90	6.78	6.74	6.80	6.81
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.55-	7.54 BM	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-
1	7.50-	7.49 BM	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-
2	7.51-	7.50 BM	7.49 BM	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-
3	6.85 BM	6.84 BM	6.87 BM	6.84 FS	6.85 FS	6.86 FS	6.83 S	6.83-	6.83-	6.83-	6.83-
4	6.69 S	6.71 S	6.81 S	6.79 S	6.83 S	6.75 S	6.74 S	6.73 S	6.71 S	6.73 S	6.75 S
5	6.68 S	6.62 S	6.85 S	6.79 S	6.87 S	6.68 S	6.69 S	6.67 S	6.68 S	6.69 S	6.68 S
6	6.65 S	6.59 S	6.79 S	6.73 S	6.83 S	6.67 S	6.65 S	6.69 S	6.68 S	6.68 S	6.68 S
7	6.69 S	6.62 S	6.86 S	6.80 S	6.83 S	6.62 S	6.70 S	6.67 S	6.67 S	6.68 S	6.68 S
8	6.68 S	6.75 S	6.58 S	6.79 S	6.72 S	6.76 S	6.67 S	6.65 S	6.68 S	6.68 S	6.68 S
9	6.60 S	6.70 S	6.87 S	6.71 S	6.64 S	6.62 S	6.66 SG	6.64 S	6.60 S	6.60 SG	6.59 SG
10	6.64 S	6.64 S	6.79 S	6.68 S	6.71 S	6.64 S	6.67 SG	6.62 SG	6.59 S	6.59 SG	6.58 SG
11	6.63 SG	6.66 S	6.67 SG	6.65 S	6.63 S	6.62 S	6.63 SG	6.61 S	6.59 CS	6.59 SG	6.59 SG
12	6.55 G	6.63 S	6.69 S	6.60 S	6.61 S	6.57 FG	6.56 FG	6.59 SG	6.58 CS	6.58 SG	6.58 SG
13	6.46 G	6.51 S	6.55 S	6.52 CS	6.54 S	6.51 FG	6.50 FG	6.52 SG	6.51 CS	6.51 SG	6.51 SG
14	6.38 G	6.42 S	6.44 SG	6.42 CS	6.44 SG	6.40 FG	6.40 G	6.42 SG	6.39 CS	6.40 G	6.41 SG
15	6.25 G	6.26 G	6.27 G	6.27 FG	6.33 G	6.31 FG	6.29 G	6.31 SG	6.29 SG	6.31 G	6.31 SG
16	6.21 G	6.21 G	6.23 G	6.23 FG	6.24 G	6.23 G	6.22 G	6.25 G	6.24 SG	6.25 G	6.27 SG
17	6.14 G	6.14 G	6.14 G	6.16 G	6.15 G	6.15 G	6.14 G	6.15 G	6.14 SG	6.17 G	6.15 SG
18	6.13 G	6.14 G	6.16 G	6.16 G	6.16 G	6.17 G	6.16 G	6.18 G	6.19 G	6.19 G	6.18 SG
19	6.15 G	6.14 G	6.19 G	6.19 G	6.19 G	6.32 G	6.26 BM	6.25 G	6.24 G	6.22 G	6.23 SG
20	6.44 G	6.48 G	6.47 G	6.49 G	6.48 G	6.47 G	6.50 BM	6.50 G	6.48 G	6.48 G	6.47 SG
21	7.05 S	7.08 BM	7.11 BM	7.02 SG	7.07	7.02 BM	7.02-	7.02-	7.02-	7.02-	7.02-
22	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	2.3	0.0	2.0	2.3	2.5	2.6	2.8	3.1	3.5	3.2	3.1
BED ELEVATION	7.44	7.54	7.49	7.21	7.13	7.07	6.90	6.78	6.74	6.80	6.81
RIGHT EDGE WATER	21.5	21.6	21.6	21.5	21.5	21.3	20.7	20.6	20.6	20.6	20.7
BED ELEVATION	7.13	7.14	7.17	7.12	7.13	7.07	6.63	6.64	6.62	6.61	6.64

TABLE 20.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1695, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1330	1034	952	1100	1130	1100	1019	1537	1328	1240	
WATER SURFACE(1)	6.82	6.83	6.79	6.81	6.77	6.74	6.68	6.61	6.61	6.86	
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-	7.38
1	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.47
2	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.49-	7.47
3	6.82 S	6.83 FS	6.83-	6.81 M	6.81-	6.81-	6.81-	6.81-	6.81-	6.82 RM	6.09
4	6.72 S	6.72 S	6.73 S	6.74 S	6.73 S	6.73 S	6.73-	6.73-	6.73-	6.73 M	5.84
5	6.67 S	6.65 S	6.66 S	6.66 S	6.65 S	6.63 S	6.65 S	6.65-	6.65-	6.64 M	5.93
6	6.66 S	6.64 S	6.66 S	6.64 S	6.65 S	6.64 S	6.66 S	6.66-	6.66-	6.62 FS	5.93
7	6.66 S	6.63 SG	6.64 S	6.63 SG	6.64 S	6.64 S	6.65 S	6.65-	6.65-	6.60 FS	5.83
8	6.66 S	6.64 S	6.63 S	6.63 S	6.62 S	6.63 S	6.65 S	6.65-	6.65-	6.58 S	5.88
9	6.58 CS	6.59 FG	6.58 S	6.58 SG	6.58 S	6.59 SG	6.59 SG	6.57 S	6.58 S	6.58 S	5.86
10	6.57 CS	6.58 FG	6.57 S	6.58 SG	6.58 CS	6.58 SG	6.59 S	6.57 S	6.60 S	6.57 S	6.04
11	6.57 CS	6.57 FG	6.58 S	6.57 SG	6.57 CS	6.58 SG	6.59 S	6.60 S	6.60 S	6.57 S	5.83
12	6.57 CS	6.57 FG	6.57 S	6.57 SG	6.58 S	6.59 S	6.61 S	6.60 S	6.60-	6.59 S	5.89
13	6.50 SG	6.51 FG	6.50 S	6.51 SG	6.51 S	6.51 S	6.53 SG	6.52 SG	6.53 FG	6.51 S	6.23
14	6.39 SG	6.41 FG	6.40 S	6.40 SG	6.42 FG	6.41 SG	6.42 SG	6.41 SG	6.42 FG	6.40 S	6.27
15	6.29 G	6.30 G	6.29 S	6.29 SG	6.30 FG	6.31 SG	6.33 S	6.31 S	6.33 SG	6.31 S	6.23
16	6.23 G	6.25 G	6.23 G	6.24 SG	6.25 G	6.25 S	6.27 SG	6.26 SG	6.26 SG	6.25 S	6.15
17	6.16 G	6.14 G	6.14 G	6.16 SG	6.15 G	6.15 SG	6.16 G	6.14 G	6.17 G	6.17 SG	6.12
18	6.17 G	6.17 G	6.18 G	6.18 FG	6.18 FG	6.16 S	6.19 G	6.18 G	6.20 G	6.19 SG	6.11
19	6.23 G	6.21 G	6.27 G	6.21 SG	6.21 FG	6.22 S	6.20 G	6.21 G	6.22 G	6.21 SG	6.14
20	6.48 G	6.49 G	6.49 G	6.48 FG	6.50 FG	6.49 S	6.50 G	6.48 G	6.50 G	6.49 SG	6.28
21	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	7.02-	6.63
22	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.73
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.0	3.0	3.2	3.0	3.1	3.3	4.5	8.3	8.6	2.8	
BED ELEVATION	6.82	6.83	6.79	6.81	6.77	6.74	6.68	6.61	6.61	6.86	
RIGHT EDGE WATER	20.5	20.7	20.5	20.5	20.5	20.5	20.6	20.4	20.4	20.4	
BED ELEVATION	6.62	6.62	6.61	6.63	6.77	6.62	6.65	6.61	6.61	6.60	
LEFT EDGE BAR									11.3		
BED ELEVATION									6.61		
RIGHT EDGE BAR									12.4		
BED ELEVATION									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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\- 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 1766, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1520	1428	1135	1049	1022	1119	1152	1318	1128	1125
WATER SURFACE(1)	7.39	7.72	7.77	7.76	7.77	7.88	7.84	7.63	7.29	7.07
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.49*	7.54	7.55 BM	7.56 M	7.57 BM	7.56 BM	7.55 BM	7.55-	7.55-	7.55-
1	7.58*	7.66	7.65 BM	7.60 M	7.65 BM	7.65 BM	7.64 BM	7.63 BM	7.63-	7.63-
2	7.46*	7.54	7.55 BM	7.54 BM	7.53 BM	7.55 BM	7.54 S	7.53 BM	7.53-	7.53-
3	7.47*	7.53	7.55 BM	7.51 BM	7.52 BM	7.55 BM	7.54 S	7.55 BM	7.55-	7.55-
4	7.38	7.38	7.39 BM	7.29 S	7.39 G	7.43 BM	7.47 CS	7.45 S	7.45-	7.45-
5	7.33	7.32	7.32 S	7.32 SG	7.35 SG	7.36 S	7.34 FG	7.35 SG	7.35-	7.35-
6	7.24	7.24	7.25 SG	7.24 SG	7.25 SG	7.26 S	7.26 FG	7.27 S	7.27 G	7.27-
7	7.11	7.17	7.17 S	7.14 G	7.15 G	7.13 S	7.14 FG	7.15 S	7.14 G	7.14-
8	6.98	7.09 S	7.08 S	7.06 G	7.05 G	7.02 S	7.04 G	7.05 SG	7.02 G	7.02 SG
9	6.96	6.95 S	6.87 S	6.98 G	6.97 G	6.96 S	6.98 FG	6.95 G	6.94 G	6.92 SG
10	6.67	6.95 S	6.88 S	6.94 SG	6.93 G	6.96 S	6.96 S	6.91 SG	6.91 G	6.88 SG
11	6.81	6.68 S	6.66 S	6.78 S	6.67 SG	6.89 S	6.89 S	6.82 S	6.79 SG	6.77 SG
12	6.60	6.60 S	6.56 S	6.69 S	6.60 S	6.82 S	6.73 S	6.71 S	6.76 S	6.66 S
13	6.56	6.37 S	6.36 S	6.42 S	6.65 S	6.73 S	6.54 S	6.55 S	6.58 S	6.57 S
14	6.41	6.42 S	6.22 S	6.20 S	6.47 S	6.53 S	6.45 S	6.31 S	6.28 S	6.32 CS
15	6.32	6.30 S	6.25 S	6.06 S	6.21 S	6.28 S	6.29 S	6.24 S	6.22 S	6.14 S
16	6.17	6.09 S	6.06 S	5.89 S	6.01 S	6.06 S	6.12 S	6.06 S	6.07 S	6.04 S
17	6.09	5.92 S	6.05 S	5.80 G	5.82 G	5.88 S	5.84 G	5.90 G	5.88 G	5.82 CS
18	6.02	5.72 S	5.86 S	5.70 G	5.75 G	5.66 G	5.72 G	5.76 G	5.62 G	5.72 G
19	5.91	5.66 SG	5.68 G	5.68 G	5.69 G	5.63 G	5.66 G	5.66 G	5.66 G	5.63 G
20	5.79	5.64 G	5.58 G	5.64 G	5.67 G	5.61 G	5.61 FG	5.63 G	5.65 G	5.62 G
21	5.72	5.62 G	5.61 G	5.59 G	5.59 G	5.62 G	5.63 S	5.61 S	5.59 S	5.56 G
22	5.77	5.77 S	5.71 S	5.70 G	5.71 G	5.68 SG	5.57 S	5.58 SG	5.58 BM	5.54 M
23	6.27	6.04 S	6.04 S	5.96 M	6.03 M	5.98 M	5.93 S	5.95 S	5.91 S	5.90 M
24	6.71	6.62 S	6.65 S	7.06 BM	7.05 BM	6.56 BM	6.52 BM	6.47 M	6.57 BM	6.22 M
25	7.65*	7.67 BM	7.66 BM	7.69 BM	7.67 BM	7.66 BM	7.65 BM	7.65-	7.65-	7.65-
26	7.68*	7.70 BM	7.62 BM	7.71 BM	7.71	7.71 BM	7.70 BM	7.70-	7.70-	7.70-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	3.8	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	1.0	5.4	7.4
BED ELEVATION	7.39							7.63	7.29	7.07
RIGHT EDGE WATER	24.4	>26.0	>26.0	>26.0	>26.0	>26.0	>26.0	24.5	24.2	24.5
BED ELEVATION	7.39							7.63	6.87	7.07

TABLE 21.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1766, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1128	1144	1319	1110	1046	1115	1059	1148	1206	1122	1145
WATER SURFACE(1)	6.97	7.08	7.31	7.53	7.63	7.51	7.20	6.95	6.92	7.13	7.28
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.55-	7.55-	7.55-	7.55-	7.58 BM	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-
1	7.63-	7.63-	7.63-	7.63-	7.62 BM	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-
2	7.53-	7.53-	7.53-	7.53-	7.56 S	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-
3	7.55-	7.55-	7.55-	7.55-	7.56 S	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-
4	7.45-	7.45-	7.45-	7.48 S	7.45 S	7.39 S	7.39-	7.39-	7.39-	7.39-	7.39-
5	7.35-	7.35-	7.35-	7.36 SG	7.35 G	7.34 SG	7.34-	7.34-	7.34-	7.34-	7.34-
6	7.27-	7.27-	7.28 G	7.28 FG	7.27 G	7.28 SG	7.28-	7.28-	7.28-	7.28-	7.27 G
7	7.14-	7.14-	7.15 SG	7.15 FG	7.13 G	7.14 SG	7.14 G	7.14-	7.14-	7.13 FG	7.14 G
8	7.02-	7.02 G	7.04 SG	7.03 FG	7.03 G	7.03 SG	7.04 G	7.04-	7.04-	7.02 G	7.04 G
9	6.94 G	6.92 G	6.94 SG	6.94 FG	6.90 G	6.96 SG	6.96 SG	6.92 G	6.92-	6.95 G	6.93 G
10	6.90 G	6.90 G	6.88 SG	6.88 FG	6.88 G	6.85 S	6.86 SG	6.81 SG	6.82 SG	6.86 FG	6.81 SG
11	6.77 FG	6.78 SG	6.78 SG	6.83 SG	6.77 G	6.75 S	6.78 S	6.76 S	6.76 SG	6.78 FG	6.73 S
12	6.70 FS	6.70 SG	6.68 S	6.70 CS	6.70 G	6.64 S	6.74 S	6.58 S	6.57 FS	6.68 CS	6.72 S
13	6.60 FS	6.60 S	6.51 S	6.53 CS	6.61 S	6.50 S	6.54 S	6.56 S	6.55 FS	6.55 CS	6.63 S
14	6.42 FS	6.38 S	6.46 S	6.48 CS	6.55 S	6.36 S	6.39 S	6.37 S	6.42 S	6.35 S	6.60 S
15	6.15 S	6.23 CS	6.25 S	6.41 S	6.20 S	6.27 S	6.19 S	6.23 S	6.22 S	6.14 S	6.52 S
16	6.09 S	6.06 S	6.01 S	6.24 S	6.07 S	6.16 S	6.08 S	6.09 S	6.09 S	6.03 S	6.37 S
17	5.89 S	5.86 S	5.95 S	6.00 S	6.00 S	5.96 S	5.90 S	5.97 S	6.02 S	6.05 S	6.12 S
18	5.72 FG	5.70 SG	5.75 G	5.83 S	5.53 G	5.76 S	5.91 S	5.81 S	5.87 S	5.88 S	5.93 S
19	5.67 G	5.64 FG	5.66 G	5.64 G	5.59 G	5.66 S	5.65 SG	5.65 SG	5.72 S	5.66 G	5.65 G
20	5.63 G	5.62 G	5.63 G	5.61 G	5.67 G	5.63 SG	5.63 SG	5.62 SG	5.62 SG	5.60 G	5.63 G
21	5.58 G	5.72 S	5.61 SG	5.61 G	5.63 G	5.57 SG	5.57 S	5.59 SG	5.64 S	5.60 G	5.58 G
22	5.75 FS	5.72 FS	5.56 SG	5.66 G	5.63 S	5.59 SG	5.57 S	5.59 SG	5.57 S	5.68 S	5.57 SG
23	5.90 S	5.89 S	5.91 S	5.93 FS	5.96 S	5.91 S	5.92 S	5.90 S	5.92 S	5.95 S	5.92 SG
24	6.27 BM	6.24 BM	6.24 S	6.24 S	6.21 BM	6.22 S	6.60 BM	6.21 BM	6.46 BM	6.24 BM	6.45 BM
25	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-
26	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	8.5	7.3	5.4	3.3	< 0.0	3.4	6.5	8.6	9.1	7.0	5.9
BED ELEVATION	6.97	7.08	7.31	7.53		7.51	7.20	6.95	6.92	7.13	7.28
RIGHT EDGE WATER	24.4	24.5	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
BED ELEVATION	6.97	7.04	6.89	7.02	7.63	6.83	6.90	6.95	6.87	6.88	7.00

TABLE 21.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1766, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1116	1225	1211	1200	1140	1050	1136	1258	1225	1128	1122
WATER SURFACE(1)	7.52	7.63	7.58	7.29	7.19	7.13	6.94	6.82	6.77	6.84	6.86
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.58-	7.53 BM	7.53 M	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-
1	7.62-	7.62 BM	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-
2	7.56-	7.58 BM	7.53 M	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-
3	7.56-	7.55 BM	7.53 M	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-
4	7.41 S	7.43 BM	7.39 S	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-
5	7.32 FG	7.34 SG	7.35 CS	7.29 G	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-
6	7.27 G	7.29 SG	7.27 CS	7.28 G	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-
7	7.12 G	7.15 FG	7.13 G	7.16 G	7.14 FG	7.13	7.13-	7.13-	7.13-	7.13-	7.13-
8	7.01 G	7.04 G	7.03 G	7.03 G	7.03 FG	7.03 FG	7.03-	7.03-	7.03-	7.03-	7.03-
9	6.95 G	6.96 G	6.93 G	6.96 G	6.94 FG	6.95 FG	6.93 G	6.93-	6.93-	6.93-	6.93-
10	6.82 SG	6.88 S	6.87 S	6.87 G	6.87 FG	6.88 FG	6.86 SG	6.86-	6.86-	6.86-	6.86 SG
11	6.71 S	6.72 S	6.72 S	6.77 FG	6.78 FG	6.79 SG	6.78 SG	6.79 SG	6.76 FG	6.77 FG	6.78 SG
12	6.62 S	6.55 S	6.64 S	6.65 FG	6.68 FG	6.68 SG	6.68 SG	6.68 SG	6.66 FG	6.67 SG	6.68 SG
13	6.45 S	6.51 S	6.46 S	6.55 S	6.59 SG	6.58 S	6.56 S	6.55 S	6.58 CS	6.60 S	6.62 SG
14	6.34 S	6.26 S	6.37 S	6.34 S	6.51 S	6.33 S	6.44 S	6.43 S	6.59 CS	6.60 S	6.56 S
15	6.29 S	6.21 S	6.24 S	6.25 S	6.29 S	6.14 S	6.31 S	6.26 S	6.58 CS	6.58 S	6.49 SG
16	6.32 S	6.13 S	6.05 S	6.15 S	6.08 S	6.03 S	6.03 S	6.05 S	6.57 CS	6.57 S	6.49 SG
17	6.16 S	6.08 S	5.90 S	5.97 S	5.99 S	5.88 SG	5.85 FG	5.95 S	6.60 CS	6.43 S	6.53 SG
18	6.16 S	5.83 S	5.83 S	5.85 S	5.80 SG	5.83 SG	5.73 SG	5.94 S	6.50 CS	6.44 S	6.50 SG
19	5.86 S	5.69 S	5.66 G	5.67 FG	5.66 G	5.67 FG	5.65 S	5.81 S	6.44 CS	6.39 S	6.47 S
20	5.61 S	5.58 S	5.62 G	5.60 FG	5.61 FG	5.61 G	5.61 G	5.74 S	6.22 CS	6.29 S	6.37 S
21	5.57 S	5.53 S	5.60 G	5.64 CS	5.59 FG	5.61 G	5.56 G	5.61 FG	6.06 CS	6.19 S	6.15 S
22	5.56 S	5.49 S	5.76 G	5.70 M	5.68 G	5.58 SG	5.57 G	5.57 G	5.72 FG	6.09 S	6.09 S
23	5.91 S	5.91 S	5.90 SG	5.92 M	5.90 S	5.92 S	5.91 S	5.90 SG	5.95 S	5.92 S	5.97 S
24	6.25 S	6.23	6.14 BM	6.58 BM	6.49 BM	6.28 S	6.29 BM	6.49 BM	6.27 S	6.28 BM	6.52 BM
25	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-
26	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.3	< 0.0	< 0.0	5.0	6.5	7.0	8.9	10.5	10.9	10.1	10.0
BED ELEVATION	7.52			7.29	7.19	7.13	6.94	6.82	6.77	6.84	6.86
RIGHT EDGE WATER	24.5	24.7	24.5	24.4	24.5	24.5	24.4	24.3	24.3	24.4	24.3
BED ELEVATION	7.52	7.63	7.58	6.97	6.94	7.13	6.88	6.82	6.77	6.84	6.86

TABLE 21.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1766, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1240	1028	946	1051	1128	1050	1011	1531	1323	1217	
WATER SURFACE(1)	6.87	6.88	6.84	6.86	6.82	6.79	6.71	6.64	6.63	6.86	
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-	7.49
1	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.58
2	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.46
3	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.53-	7.47
4	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-	7.29
5	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	7.29-	5.39 BM
6	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	7.28-	5.31 BM
7	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	7.13-	6.47 BM
8	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	7.03-	6.48 S
9	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.93-	6.44 S
10	6.86 SG	6.87 SG	6.87-	6.86 S	6.86-	6.86-	6.86-	6.86-	6.86-	6.82 SB	6.35 S
11	6.77 SG	6.77 SG	6.77 SG	6.77 S	6.76 SG	6.77 FG	6.77-	6.77-	6.77-	6.76 S	5.59 S
12	6.66 SG	6.66 SG	6.64 SG	6.62 FG	6.63 SG	6.61 SG	6.62 FG	6.63 S	6.63 S	6.54 S	5.90
13	6.57 S	6.56 S	6.56 S	6.52 S	6.52 S	6.52 S	6.51 S	6.49 S	6.51 S	6.51 S	5.82
14	6.55 S	6.53 S	6.47 SG	6.51 S	6.47 S	6.47 S	6.47 S	6.44 S	6.47 S	6.50 S	5.56
15	6.54 S	6.50 S	6.46 SG	6.48 S	6.46 S	6.47 SG	6.48 SG	6.46 S	6.46 S	6.46 S	5.60
16	6.49 SG	6.47 S	6.45 SG	6.47 S	6.45 S	6.46 SG	6.46 SG	6.45 S	6.45 S	6.42 S	5.61
17	6.47 CS	6.47 S	6.49 SG	6.44 S	6.42 S	6.45 S	6.42 S	6.42 S	6.43 S	6.40 S	5.79
18	6.45 CS	6.47 S	6.44 SG	6.44 S	6.43 S	6.40 S	6.39 S	6.38 S	6.39 S	6.34 S	5.53
19	6.39 CS	6.37 S	6.33 SG	6.37 S	6.39 S	6.39 S	6.36 S	6.32 S	6.33 S	6.27 S	5.59
20	6.42 S	6.29 S	6.34 SG	6.29 S	6.22 S	6.27 S	6.27 S	6.27 S	6.28 S	6.18 S	5.58
21	6.24 S	6.20 S	6.24 SG	6.13 S	6.18 S	6.16 S	6.15 S	6.19 S	6.23 S	6.06 S	5.53
22	6.09 S	6.08 S	6.06 SG	6.10 S	6.06 S	6.03 SG	6.01 CS	6.06 S	6.10 S	6.06 S	5.49
23	6.03 S	6.04 S	6.02 SG	6.04 S	6.03 S	6.04 S	6.03 FG	6.04 S	6.07 S	6.06 S	5.89
24	6.27 BM	6.45 BM	6.31 BM	6.43 M	6.39 BM	6.29 BM	6.28 M	6.28-	6.32 BM	6.33 M	6.14
25	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65
26	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.62
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	9.9	9.7	10.2	10.0	10.5	10.7	11.5	11.9	12.0	9.6	
BED ELEVATION	6.87	6.88	6.84	6.86	6.82	6.79	6.71	6.64	6.63	6.86	
RIGHT EDGE WATER	24.3	24.3	24.2	24.4	24.2	24.3	24.3	24.3	24.2	24.3	
BED ELEVATION	6.87	6.88	6.63	6.86	6.82	6.79	6.64	6.29	6.63	6.80	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\- 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 1830, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1506	1411	1131	1042	1032	1112	1145	1320	1123	1130
WATER SURFACE(1)	7.40	7.71	7.76	7.75	7.75	7.86	7.83	7.61	7.25	7.08
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.66*	7.69 BM	7.69 BM	7.68 BM	7.68 BM	7.68 BM	7.68 BM	7.68-	7.68-	7.68-
1	7.40	7.44 BM	7.41 BM	7.47 BM	7.44 BM	7.42 BM	7.43 BM	7.50 BM	7.50-	7.50-
2	6.26	6.25 G	6.24 G	6.21 G	6.12 G	6.10 G	6.08 CS	6.02 G	6.02 FG	6.03 G
3	6.30	6.29 G	6.24 G	6.25 G	6.25 G	6.23 FG	6.23 CS	6.13 G	6.12 FG	6.13 G
4	6.40	6.41 SG	6.32 G	6.37 G	6.30 G	6.34 FG	6.31 SG	6.28 G	6.30 G	6.28 G
5	6.52	6.51 G	6.46 G	6.49 G	6.48 G	6.39 G	6.42 G	6.37 G	6.41 G	6.43 G
6	6.62	6.63 G	6.58 G	6.59 G	6.49 G	6.49 G	6.51 G	6.51 G	6.48 G	6.53 G
7	6.72	6.71 G	6.69 G	6.67 G	6.69 G	6.69 SG	6.71 SG	6.63 G	6.65 G	6.70 G
8	6.76	6.81 G	6.76 G	6.75 G	6.77 G	6.74 G	6.75 SG	6.76 G	6.74 G	6.78 G
9	6.80	6.84 SG	6.78 G	6.79 G	6.81 G	6.80 G	6.81 G	6.81 G	6.76 G	6.80 G
10	6.82	6.87 S	6.81 G	6.82 G	6.80 G	6.81 G	6.81 G	6.83 G	6.77 G	6.82 G
11	6.88	6.84 S	6.81 S	6.80 G	6.79 G	6.81 G	6.81 G	6.82 G	6.80 G	6.83 G
12	6.84	6.86 S	6.89 S	6.79 G	6.78 G	6.82 S	6.82 S	6.81 G	6.77 G	6.82 G
13	6.77	6.75 S	6.89 S	6.80 S	6.72 S	6.76 S	6.69 S	6.73 S	6.65 SG	6.64 SG
14	6.76	6.72 S	6.83 S	6.73 S	6.68 S	6.61 S	6.75 S	6.53 S	6.55 CS	6.56 S
15	6.68	6.73 S	6.84 S	6.79 S	6.65 S	6.49 S	6.73 S	6.53 S	6.53 S	6.55 S
16	6.72	6.78 S	6.78 S	6.78 S	6.58 S	6.61 S	6.69 S	6.61 S	6.60 S	6.55 S
17	6.74	6.81 S	6.71 S	6.75 S	6.69 S	6.56 S	6.66 S	6.44 S	6.52 S	6.56 S
18	6.60	6.90 S	6.74 S	6.73 S	6.64 S	6.70 S	6.72 S	6.66 S	6.65 S	6.67 S
19	6.60	6.69 S	6.72 S	6.78 S	6.75 S	6.81 S	6.82 M	6.80 M	6.81 FS	6.83 FS
20	6.55	6.71 S	6.70 M	6.77 S	6.82 S	6.88 S	6.91 M	6.93 M	6.89 FS	6.94 FS
21	6.56	6.68 S	6.71 M	6.79 S	6.83 S	6.83 S	6.88 M	6.87 M	6.85 FS	6.89 FS
22	6.20	6.59 FS	6.58 M	6.63 M	6.54 S	6.56 M	6.59 M	6.60 M	6.63 FS	6.58 FS
23	5.99	6.06 M	6.08 M	6.13 M	6.10 S	6.08 M	6.13 M	6.07 M	6.10 M	6.11 S
24	6.04	6.11 M	6.05 M	6.03 M	6.04 S	6.09 M	6.04 M	6.02 M	6.03 M	6.04 S
25	7.03	6.96 BM	6.25 M	6.89 M	6.97 BM	6.93 BM	6.85 BM	6.76 BM	6.88 BM	7.01
26	7.33*	7.37 BM	7.33 M	7.35 BM	7.37 BM	7.35 BM	7.34 BM	7.35 BM	7.35-	7.35-
27	7.27*	7.32	7.29 M	7.25	7.28 BM	7.29 BM	7.31 BM	7.31 BM	7.31-	7.31-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	1.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	0.9	1.2	1.4
BED ELEVATION	7.40							7.61	7.25	6.03
RIGHT EDGE WATER	25.0	>27.0	>27.0	>27.0	>27.0	>27.0	>27.0	>27.0	25.7	25.0
BED ELEVATION	7.03								7.03	7.01

TABLE 22.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1830, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1120	1130	1310	1103	1034	1110	1050	1145	1157	1115	1120
WATER SURFACE(1)	6.98	7.09	7.31	7.53	7.62	7.52	7.21	6.99	6.96	7.15	7.29
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-
1	7.50-	7.50-	7.50-	7.53	7.48 BM	7.52 BM	7.52-	7.52-	7.52-	7.52-	7.52-
2	6.05 G	6.07 G	6.02 SG	6.03 SG	6.03 G	6.02 SG	6.10 G	6.05 G	6.05 G	6.05 G	6.04 S
3	6.18 G	6.13 G	6.16 FG	6.11 SG	6.15 SG	6.16 SG	6.24 G	6.17 G	6.15 G	6.17 G	6.17 G
4	6.28 G	6.32 G	6.31 FG	6.27 SG	6.32 FG	6.27 SG	6.36 G	6.31 G	6.31 G	6.33 G	6.29 FG
5	6.42 G	6.45 G	6.44 G	6.39 G	6.43 G	6.39 G	6.47 G	6.42 G	6.43 G	6.46 G	6.40 G
6	6.52 G	6.55 G	6.55 G	6.53 G	6.52 G	6.53 G	6.56 G	6.57 G	6.55 FG	6.58 FG	6.57 FG
7	6.70 G	6.73 G	6.70 G	6.67 G	6.72 G	6.67 G	6.73 SG	6.71 G	6.69 FG	6.72 G	6.69 FG
8	6.76 G	6.79 G	6.78 G	6.75 G	6.77 G	6.78 G	6.79 G	6.78 G	6.79 G	6.78 G	6.77 FG
9	6.82 G	6.83 G	6.81 G	6.80 SG	6.82 G	6.83 SG	6.83 SG	6.85 G	6.83 G	6.83 G	6.83 FG
10	6.82 G	6.84 G	6.85 SG	6.83 SG	6.84 FG	6.82 G	6.87 S	6.85 G	6.84 G	6.83 G	6.84 FG
11	6.82 G	6.84 G	6.86 SG	6.83 SG	6.83 SG	6.83 G	6.87 SG	6.85 G	6.84 G	6.84 G	6.85 FG
12	6.81 G	6.82 G	6.81 SG	6.79 G	6.80 FG	6.86 SG	6.81 S	6.82 G	6.81 G	6.82 G	6.84 FG
13	6.75 G	6.69 G	6.71 SG	6.73 S	6.84 S	6.79 S	6.81 S	6.65 G	6.67 G	6.68 G	6.67 FG
14	6.50 G	6.53 G	6.55 S	6.61 S	6.80 S	6.76 S	6.79 S	6.67 S	6.52 SG	6.53 SG	6.58 S
15	6.44 SG	6.48 S	6.58 S	6.51 S	6.63 S	6.67 S	6.79 S	6.66 S	6.53 S	6.50 CS	6.59 S
16	6.50 S	6.55 S	6.53 S	6.57 S	6.75 S	6.78 S	6.90 S	6.76 SG	6.71 S	6.56 CS	6.71 S
17	6.52 S	6.51 S	6.50 S	6.56 S	6.62 S	6.90 S	6.90 S	6.82 SG	6.76 SG	6.73 S	6.74 S
18	6.63 S	6.57 S	6.59 S	6.55 S	6.55 S	6.82 S	6.91 S	6.86 SG	6.87 SG	6.88 SG	6.81 S
19	6.81 S	6.76 S	6.76 S	6.73 S	6.61 S	6.71 S	6.91 S	6.91 SG	6.92 SG	6.93 SG	6.89 SG
20	6.94 S	6.95 S	6.93 S	6.93 S	6.82 S	6.75 S	6.86 S	6.93 SG	6.93 SG	6.94 SG	6.92 SG
21	6.86 S	6.88 S	6.90 S	6.88 S	6.87 S	6.75 S	6.80 S	6.86 SG	6.86 SG	6.93 S	6.91 SG
22	6.58 S	6.58 S	6.58 S	6.59 M	6.57 M	6.74 S	6.69 S	6.66 FS	6.70 FS	6.72 S	6.73 SG
23	6.10 S	6.26 M	6.18 S	6.13 M	6.14 M	6.22 S	6.44 S	6.42 FS	6.52 FS	6.41 S	6.45 FS
24	6.01 S	6.11 M	5.94 S	6.05 M	6.05 M	6.09 S	6.18 S	6.11 FS	6.10 FS	6.13 S	6.09 FS
25	6.98 BM	6.95 BM	6.82 BM	6.21 BM	6.93 BM	6.96 BM	6.99 BM	6.95 BM	6.96 BM	6.93 BM	6.98 BM
26	7.35-	7.35-	7.35-	7.35 BM	7.37 BM	7.38 BM	7.38-	7.38-	7.38-	7.38-	7.38-
27	7.31-	7.31-	7.31-	7.31-	7.32 BM	7.32 BM	7.32-	7.32-	7.32-	7.32-	7.32-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.4	1.3	1.2	1.0	0.3	1.0	1.2	1.5	1.5	1.3	1.1
BED ELEVATION	6.06	7.05	7.31	7.53	7.62	7.52	7.20	6.08	6.07	7.15	7.29
RIGHT EDGE WATER	25.0	25.7	25.7	26.0	>27.0	>27.0	25.7	25.1	25.0	25.7	25.7
BED ELEVATION	6.98	7.06	7.06	7.35			6.91	6.99	6.96	7.05	7.07

TABLE 22.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1830, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1110	1215	1202	1155	1135	1101	1134	1307	1216	1122	1135
WATER SURFACE(1)	7.52	7.63	7.59	7.30	7.21	7.15	6.99	6.86	6.81	6.88	6.89
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-
1	7.43 BM	7.49 BM	7.46 BM	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-	7.46-
2	6.07 G	6.03 FG	6.04 G	6.04 G	6.02 FG	6.03 G	6.06 G	6.00 CS	6.01 G	6.04 CS	6.08 G
3	6.16 G	6.18 FG	6.18 G	6.17 G	6.17 FG	6.14 FG	6.19 G	6.15 SG	6.14 G	6.18 SG	6.22 G
4	6.29 G	6.30 FG	6.29 G	6.35 G	6.29 FG	6.30 FG	6.35 G	6.29 G	6.30 G	6.32 G	6.36 G
5	6.41 G	6.42 G	6.39 G	6.46 G	6.42 G	6.42 G	6.46 G	6.40 G	6.41 G	6.43 G	6.45 G
6	6.53 G	6.51 G	6.56 G	6.55 G	6.57 FG	6.54 G	6.57 G	6.52 G	6.56 G	6.54 G	6.55 G
7	6.66 G	6.71 G	6.64 G	6.67 G	6.70 SG	6.65 G	6.73 G	6.72 G	6.71 G	6.72 G	6.72 G
8	6.77 G	6.76 G	6.79 FG	6.76 SG	6.79 G	6.77 G	6.78 G	6.79 G	6.76 G	6.76 G	6.79 G
9	6.80 G	6.83 G	6.83 FG	6.82 SG	6.82 FG	6.81 G	6.84 G	6.81 G	6.80 G	6.82 G	6.82 G
10	6.80 G	6.83 G	6.89 S	6.86 SG	6.86 FG	6.82 G	6.86 G	6.84 G	6.84-	6.86 G	6.86 G
11	6.82 G	6.89 FG	6.87 S	6.86 SG	6.84 FG	6.82 G	6.86 G	6.84 G	6.84-	6.84 G	6.86 G
12	6.81 G	6.97 S	6.87 S	6.84 SG	6.81 FG	6.80 G	6.82 G	6.81 G	6.80 G	6.81 G	6.81 G
13	6.79 SG	6.80 SG	6.86 S	6.86 CS	6.71 S	6.67 G	6.67 SG	6.67 G	6.67 G	6.66 G	6.66 G
14	6.78 S	6.88 SG	6.85 S	6.85 CS	6.65 S	6.60 FG	6.57 SG	6.52 SG	6.49 G	6.48 G	6.48 G
15	6.69 S	6.98 S	6.89 S	6.77 CS	6.71 S	6.59 SG	6.51 S	6.46	6.42 G	6.43 G	6.43 G
16	6.71 S	6.94 S	6.90 S	6.80 CS	6.79 S	6.70 SG	6.65 S	6.51 CS	6.47 G	6.46 G	6.48 G
17	6.70 S	6.88 S	6.77 S	6.85 CS	6.89 SG	6.76 SG	6.74 S	6.61 CS	6.42 SG	6.42 FG	6.43 G
18	6.74 S	6.83 S	6.80 S	6.93 CS	6.92 SG	6.85 SG	6.75 S	6.67 S	6.53 S	6.44 S	6.45 SG
19	6.81 S	6.68 S	6.95 S	6.88 CS	6.93 S	6.89 SG	6.89 SG	6.86 S	6.86-	6.62 S	6.62 S
20	6.79 S	6.73 S	6.86 S	6.77 CS	6.91 S	6.90 SG	6.91 SG	6.91-	6.91-	6.91-	6.91-
21	6.79 S	6.82 S	6.87 S	6.80 CS	6.82 S	6.84 S	6.92 S	6.92-	6.92-	6.92-	6.92-
22	6.86 S	6.80 S	6.69 S	6.76 S	6.82 S	6.79 S	6.79 S	6.80 M	6.79 M	6.79 S	6.79 S
23	6.50 S	6.48 S	6.57 S	6.58 S	6.67 FS	6.64 S	6.65 S	6.66 M	6.63 M	6.59 FS	6.59 M
24	6.10 S	6.12 S	6.14 M	6.30 S	6.20 M	6.20 S	6.14 S	6.11 M	6.14 M	6.13 BM	6.14 M
25	6.74 BM	6.90 BM	6.93 BM	6.96 BM	6.97 BM	6.92 BM	6.90 BM	6.90-	6.81	6.88 BM	6.85 BM
26	7.34 BM	7.38 BM	7.39 BM	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-	7.39-
27	7.30	7.33 BM	7.34 BM	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	0.9	0.4	0.7	1.1	1.4	1.3	1.3	1.9	1.4	1.3	1.3
BED ELEVATION	7.52	7.63	7.59	7.30	7.21	7.15	6.97	6.06	6.04	6.08	6.09
RIGHT EDGE WATER	>27.0	>27.0	>27.0	25.8	25.7	25.8	25.2	24.7	25.0	25.0	25.1
BED ELEVATION	7.30			7.06	7.07	7.05	6.99	6.76	6.81	6.88	6.89
LEFT EDGE BAR								19.0	18.8	19.3	19.4
BED ELEVATION								6.86	6.81	6.88	6.89
RIGHT EDGE BAR								21.4	21.7	21.3	21.3
BED ELEVATION								6.86	6.81	6.88	6.89

TABLE 22.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1830, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1230	1020	944	1050	1121	1045	1005	1527	1315	1156	
WATER SURFACE(1)	6.90	6.90	6.86	6.87	6.83	6.80	6.72	6.66	6.64	6.86	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLDOR(4)
0	7.68-	7.68-	7.68-		7.68-		7.68-	7.68-	7.68-	7.68-	7.66
1	7.46-	7.46-	7.46-		7.46-		7.46-	7.46-	7.46-	7.46-	7.40
2	6.07 G	6.03 G	6.05 S		6.02 G		6.00 S	6.01 S	5.99 M	6.06 M	5.96
3	6.17 G	6.22 G	6.22 SG		6.20 G		6.19 SG	6.17 S	6.16 FG	6.19 S	5.93
4	6.30 G	6.32 G	6.35 G		6.31 G		6.30 SG	6.31 SG	6.30 FG	6.33 S	5.93
5	6.43 G	6.46 G	6.46 G		6.44 G		6.42 G	6.42 SG	6.41 FG	6.46 SG	6.12
6	6.55 G	6.54 G	6.57 G		6.53 G		6.52 G	6.51 SG	6.50 FG	6.57 FG	6.48
7	6.73 FG	6.71 G	6.73 G		6.71 G		6.67 G	6.67-	6.67-	6.71 FG	6.60
8	6.80 FG	6.78 G	6.76 G		6.76 G		6.76-	6.76-	6.76-	6.79 G	6.66
9	6.83 FG	6.81 G	6.81 G		6.80 G		6.80-	6.80-	6.80-	6.84 G	6.68
10	6.86 G	6.87 G	6.85 G		6.82 G		6.82-	6.82-	6.82-	6.85 G	6.68
11	6.86 G	6.87 G	6.85 G		6.83 G		6.83-	6.83-	6.83-	6.85 G	6.68
12	6.82 G	6.80 G	6.80 G		6.81 G		6.81-	6.81-	6.81-	6.80 G	5.76
13	6.70 G	6.68 G	6.67 G		6.67 G		6.68 G	6.68-	6.68-	6.63 G	5.85
14	6.50 FG	6.49 G	6.48 G		6.50 G		6.51 SG	6.51 SG	6.50 G	6.47 G	5.92
15	6.45 G	6.43 G	6.43 G		6.43 G		6.45 SG	6.46 SG	6.45 G	6.45 G	5.92
16	6.48 G	6.47 G	6.46 G		6.46 G		6.45 SG	6.46 G	6.46 SG	6.46 G	6.02
17	6.44 SG	6.42 G	6.44 G		6.42 G		6.41 G	6.42 G	6.43 G	6.44 G	6.14
18	6.44 SG	6.46 SG	6.45 G		6.45 G		6.43 G	6.43 G	6.44 G	6.46 G	5.88
19	6.56 S	6.58 S	6.56 G		6.53 G		6.49 G	6.47 G	6.46 G	6.47 G	5.74
20	6.91-	6.91-	6.91-		6.91-		6.47 S	6.41 SG	6.45 G	6.38 S	5.87
21	6.92-	6.92-	6.92-		6.92-		6.92-	6.12 S	6.30 S	6.09 S	5.85
22	6.80 M	6.79 FS	6.78 S		6.79 S		6.79-	6.31 S	6.01 S	6.02 S	5.79
23	6.58 M	6.51 FS	6.57 S		6.62 FS		6.59 S	6.43 S	6.25 S	6.08 S	5.79
24	6.17 M	6.20 FS	6.17 S		6.22 M		6.21 M	6.29 S	6.43 S	6.28 M	5.79
25	6.90 BM	6.90-	6.86 BM		6.86-		6.86-	6.86-	6.86-	6.86 BM	6.21
26	7.39-	7.39-	7.39-		7.39-		7.39-	7.39-	7.39-	7.39-	7.33
27	7.34-	7.34-	7.34-		7.34-		7.34-	7.34-	7.34-	7.34-	7.25
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.3	1.4	1.3		1.3		1.4	1.4	1.5	1.5	
BED ELEVATION	6.10	6.08	6.07		6.08		6.05	6.58	6.48	6.56	
RIGHT EDGE WATER	25.0	24.9	25.0		24.7		24.8	24.5	24.7	25.0	
BED ELEVATION	6.90	6.90	6.86		6.83		6.72	6.60	6.54	6.86	
LEFT EDGE BAR	19.6	19.8	19.7		19.9		7.8	6.8	6.8		
BED ELEVATION	6.90	6.90	6.86		6.83		6.72	6.66	6.64		
RIGHT EDGE BAR	21.2	21.2	21.3		21.7		12.7	13.2	13.3		
BED ELEVATION	6.90	6.90	6.86		6.83		6.72	6.66	6.64		

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\- 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 1901, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1450	1351	1125	1030	1035	1051	1134	1313	1117	1140
WATER SURFACE(1)	7.44	7.75	7.80	7.78	7.78	7.91	7.87	7.63	7.32	7.11
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.44+	7.47 BM	7.47 BM	7.46 BM	7.45 BM	7.45 BM	7.47 M	7.45 BM	7.45-	7.45-
1	7.42	7.41 M	7.41 M	7.40 M	7.40 M	7.40 M	7.40 M	7.41 M	7.41-	7.41-
2	7.15	7.21 M	7.22 M	7.20 M	7.16 M	7.21 M	7.24 M	7.27 M	7.30 M	7.30-
3	6.86	6.91 M	6.92 M	6.93 M	6.87 M	6.91 M	6.96 M	7.01 M	7.03 M	7.02 FS
4	6.72	6.77 M	6.80 M	6.80 M	6.80 M	6.80 M	6.83 M	6.84 M	6.87 M	6.85 FS
5	6.44	6.45 M	6.50 M	6.50 M	6.50 M	6.52 M	6.56 M	6.54 M	6.54 S	6.51 FS
6	6.52	6.38 M	6.30 M	6.25 M	6.23 M	6.13 S	6.13 S	6.09 G	6.14 S	6.11 SG
7	6.39	6.13 FG	6.08 G	6.02 G	6.02 G	6.05 G	6.04 S	6.03 G	6.10 S	6.11 S
8	6.50	6.06 FG	6.01 HB	5.98 HB	6.00 G	5.99 HB	5.97 HB	6.05 G	5.98 SG	6.11 S
9	6.50	6.00 S	5.99 S	6.00 G	5.97 G	5.97 HB	5.97 G	5.96 HB	6.00 S	5.99 S
10	6.32	6.05 S	5.99 G	6.00 G	5.96 G	5.97 G	5.99 G	5.89 G	5.98 G	6.01 S
11	6.06	6.00 SG	5.96 G	5.98 G	5.91 G	5.96 G	5.97 G	5.91 HB	5.93 HB	5.92 HB
12	6.06	6.05 SG	6.00 G	5.98 G	5.93 G	5.91 S	5.88 G	5.89 HB	5.95 S	5.89 HB
13	6.62	6.05 S	6.00 S	6.00 G	5.97 G	5.92 SG	5.93 G	5.90 HB	5.91 HB	5.89 HB
14	6.64	6.05 G	5.99 G	6.06 G	6.00 G	6.01 G	6.01 G	5.98 SG	5.93 G	5.96 G
15	6.66	6.10 G	6.05 G	6.08 G	6.00 G	6.01 G	6.06 G	6.09 HB	6.01 CG	6.05 G
16	6.49	6.34 S	6.28 SG	6.33 S	6.33 S	6.31 BM	6.34 BM	6.24 G	6.24 G	6.55 G
17	7.44	7.06	7.06 BM	6.56 BM	7.04 BM	6.86 BM	7.02 BM	7.05 BM	7.02 BM	7.02 BM
18	7.76*	7.76-	7.75 BM	7.77 BM	7.77	7.78 BM	7.81 BM	7.81-	7.81-	7.81-
19	7.73*	7.73-	7.73-	7.73-	7.73-	7.80 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	0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	1.2	2.8
BED ELEVATION	7.44								7.32	7.11
RIGHT EDGE WATER	17.0	17.3	18.4	18.4	>18.0	>19.0	>19.0	17.3	17.3	17.3
BED ELEVATION	7.44	7.75	7.79	7.77				7.17	7.12	7.11

TABLE 23.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1901, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1119	1120	1307	1055	1025	1055	1054	1130	1150	1115	1129
WATER SURFACE(1)	7.03	7.13	7.34	7.55	7.64	7.55	7.24	7.03	7.01	7.18	7.32
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.45-	7.45-	7.45-	7.45 BM	7.45 BM	7.46 S	7.46-	7.46-	7.46-	7.46-	7.46-
1	7.41-	7.41-	7.41-	7.42 M	7.41 M	7.42 S	7.42-	7.42-	7.42-	7.42-	7.42-
2	7.30-	7.30-	7.25 FS	7.26 S	7.25 M	7.28 S	7.28-	7.28-	7.28-	7.28-	7.27 S
3	7.01 FS	7.02 S	7.13 FS	7.06 S	7.04 M	7.09 S	7.09 FS	7.03 FS	7.03-	7.07 M	7.11 FS
4	6.85 FS	6.84 M	6.85 FS	6.84 S	6.84 M	6.87 S	6.89 FS	6.89 FS	6.89 S	6.87 FS	6.86 FS
5	6.50 FS	6.54 M	6.49 FS	6.56 S	6.52 M	6.54 S	6.57 FS	6.58 FS	6.61 S	6.55 FS	6.57 FS
6	6.13 FS	6.12 M	6.20 SG	6.17 S	6.19 S	6.32 S	6.31 S	6.32 SG	6.31 S	6.28 S	6.31 S
7	6.14 FS	6.12 FS	6.15 FS	6.02 S	6.18 S	6.44 S	6.44 S	6.49 SG	6.46 S	6.44 S	6.44 S
8	6.11 FS	6.13 S	6.16 FS	6.21 S	6.04 S	6.39 S	6.47 S	6.52 SG	6.51 S	6.48 S	6.45 S
9	6.10 FS	6.05 S	6.18 S	6.19 S	6.35 S	6.35 S	6.44 S	6.49 S	6.46 S	6.43 S	6.39 S
10	6.09 FS	6.01 S	6.13 FS	6.00 S	6.26 S	6.25 S	6.28 S	6.38 SG	6.36 S	6.33 S	6.30 S
11	6.01 S	5.98 S	5.94 SG	6.01 S	6.24 S	6.26 S	6.29 S	6.28 SG	6.26 S	6.20 S	6.22 SG
12	5.97 S	6.00 S	5.92 S	5.87 S	6.02 S	6.22 S	6.04 S	6.21 SG	6.23 S	6.12 S	6.12 S
13	5.90 S	5.91 SG	5.94 G	5.86 G	5.97 S	6.14 S	6.01 S	6.10 SG	6.06 S	6.08 S	6.07 S
14	5.95 G	5.94 G	5.94 G	5.87 G	5.98 SG	6.04 S	5.99 S	5.98 G	5.97 SG	5.97 FG	6.02 G
15	6.03 G	6.04 G	6.02 G	6.00 G	6.04 G	6.04 G	5.99 G	6.00 G	6.01 G	6.01 G	6.00 G
16	6.25 G	6.23 G	6.21 G	6.27 G	6.49 BM	6.54 S	6.51 BM	6.51 BM	6.25 SG	6.53 BM	6.31 G
17	7.03 BM	7.03 BM	7.03-	7.04 S	7.00 BM	7.04 S	7.01 BM	7.03 BM	7.01 BM	7.03 BM	6.95 BM
18	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-
19	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	2.9	2.7	1.3	< 0.0	< 0.0	< 0.0	2.4	3.0	3.3	2.5	1.2
BED ELEVATION	7.03	7.13	7.29				7.24	7.03	7.01	7.18	7.32
RIGHT EDGE WATER	17.0	17.3	17.8	17.3	17.3	17.4	17.4	17.0	17.0	17.3	17.5
BED ELEVATION	7.03	7.13	7.32	7.14	7.14	7.18	7.18	7.03	7.01	7.15	7.32

TABLE 23.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1901, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1103	1220	1155	1145	1130	1055	1127	1259	1207	1112	1130
WATER SURFACE(1)	7.55	7.65	7.60	7.33	7.24	7.18	7.03	6.93	6.89	6.94	6.94
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.44 BM	7.44 BM	7.45 BM	7.45-	7.45-	7.45-	7.45-	7.45-	7.45-	7.45-	7.45-
1	7.40 BM	7.40 BM	7.40 BM	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	7.40-
2	7.25 FS	7.22 S	7.25 S	7.27 FS	7.27-	7.27-	7.27-	7.27-	7.27-	7.27-	7.27-
3	7.07 FS	7.04 S	7.08 S	7.06 FS	7.04 S	7.06 FS	7.06-	7.06-	7.06-	7.06-	7.06-
4	6.87 FS	6.83 S	6.89 S	6.87 FS	6.86 S	6.87 FS	6.85 FS	6.86 FS	6.89 FS	6.88 S	6.88 S
5	6.58 FS	6.47 S	6.49 S	6.51 FS	6.55 S	6.52 FS	6.53 FS	6.53 FS	6.54 S	6.55 M	6.54 FS
6	6.35 S	6.33 S	6.35 S	6.33 FS	6.34 SG	6.25 FS	6.31 FS	6.35 FS	6.35 S	6.33 S	6.33 FS
7	6.38 S	6.20 S	6.15 S	6.25 FS	6.28 S	6.28 FS	6.30 FS	6.28 S	6.29 S	6.30 S	6.28 FS
8	6.30 S	6.15 S	6.10 S	6.31 FS	6.18 S	6.20 FS	6.24 FS	6.23 S	6.23 S	6.24 M	6.22 FS
9	6.24 S	6.24 S	6.20 S	6.15 S	6.08 S	6.15 FS	6.15 FS	6.15 S	6.17 S	6.16 M	6.18 FS
10	6.14 S	6.22 S	6.15 S	6.21 S	6.14 S	6.05 FS	6.08 SG	6.08 S	6.09 S	6.10 FS	6.08 S
11	6.01 S	6.16 S	6.09 S	6.06 S	6.07 S	6.02 S	6.03 S	6.03 S	6.06 S	6.05 FS	6.03 S
12	5.94 SG	6.02 S	6.08 S	5.97 S	5.98 S	5.96 S	5.95 FG	5.96 S	5.97 G	5.96 SG	5.99 SG
13	5.90 SG	5.90 S	6.03 S	5.93 CS	5.92 G	5.92 S	5.94 FG	5.95 S	5.96 G	5.94 SG	5.93 FG
14	5.95 SG	5.90 G	6.00 SG	5.98 G	5.96 G	5.87 FG	5.96 G	5.98 SG	5.99 G	6.00 G	5.99 G
15	5.99 G	5.95 G	6.00 SG	5.98 G	5.98 G	5.98 FG	6.00 G	5.99 G	6.00 G	6.00 G	6.00 G
16	6.20 G	6.28 G	6.40 S	6.30 BM	6.22 G	6.39 BM	6.33 G	6.21 G	6.51 BM	6.41 BM	6.25 BM
17	7.01 BM	7.04 G	7.00 BM	7.09 BM	7.04 M	7.04 BM	7.04-	7.04-	7.04-	7.04-	7.04-
18	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-
19	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	< 0.0	< 0.0	< 0.0	1.2	2.3	2.6	3.3	3.7	4.0	3.7	3.6
BED ELEVATION	7.44			7.33	7.24	7.18	7.03	6.93	6.89	6.94	6.94
RIGHT EDGE WATER	17.4	17.5	17.4	17.4	17.3	17.5	16.9	16.8	16.8	16.9	16.8
BED ELEVATION	7.19	7.18	7.14	7.15	7.14	7.14	6.98	6.93	6.89	6.94	6.92

TABLE 23.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1901, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1225	1017	935	1050	1118	1041	1000	1515	1310	1140	
WATER SURFACE(1)	6.95	6.96	6.93	6.94	6.91	6.88	6.82	6.76	6.74	6.86	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.45-				7.45-		7.45-	7.45-	7.45-	7.45-	7.44
1	7.40-				7.40-		7.40-	7.40-	7.40-	7.40-	7.40
2	7.27-				7.27-		7.27-	7.27-	7.27-	7.27-	6.29
3	7.06-				7.06-		7.06-	7.06-	7.06-	7.06-	6.21
4	6.87 S				6.87 S		6.87-	6.87-	6.87-	6.86 M	6.18
5	6.58 M				6.55 S		6.55 M	6.53 S	6.59 S	6.58 M	6.00
6	6.33 M				6.34 S		6.33 S	6.29 S	6.37 S	6.36 M	6.07
7	6.30 FS				6.30 S		6.30 S	6.30 S	6.29 S	6.32 S	5.95
8	6.22 FS				6.21 S		6.22 S	6.18 S	6.22 S	6.26 S	5.97
9	6.16 FS				6.16 S		6.17 S	6.15 S	6.16 S	6.21 S	5.94
10	6.10 S				6.09 S		6.10 S	6.09 S	6.08 S	6.15 S	5.89
11	6.07 S				6.01 S		6.02 S	6.05 S	6.03 S	6.07 S	5.91
12	5.98 SG				5.95 S		5.96 S	5.95 S	5.97 S	6.00 S	5.87
13	5.94 FG				5.94 SB		5.94 FG	5.93 SG	5.94 S	5.95 S	5.86
14	5.99 FG				5.96 G		5.97 G	5.96 G	5.98 S	5.97 SG	5.87
15	6.00 FG				5.97 G		6.00 G	5.97 G	5.99 S	6.00 SG	5.95
16	6.31 BM				6.35 S		6.36 M	6.23 M	6.34 G	6.37 M	6.11
17	7.04-				7.04-		7.04-	7.04-	7.04-	7.04-	6.56
18	7.81-				7.81-		7.81-	7.81-	7.81-	7.81-	7.75
19	7.75-				7.75-		7.75-	7.75-	7.75-	7.75-	7.73
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.6				3.8		4.3	4.6	4.4	4.0	
BED ELEVATION	6.95				6.91		6.82	6.76	6.74	6.86	
RIGHT EDGE WATER	16.9				16.7		16.8	16.8	16.6	16.7	
BED ELEVATION	6.95				6.56		6.82	6.59	6.55	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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 1996, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1436	1349	1118	1025	1201	1043	1125	1238	1102	1125
WATER SURFACE(1)	7.50	7.81	7.86	7.85	7.86	7.98	7.93	7.71	7.36	7.14
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.87*	7.87-	7.87-	7.87-	7.87-	7.90 BM	7.91 BM	7.91-	7.91-	7.91-
1	7.79*	7.81	7.82 BM	7.81 BM	7.82 BM	7.81 BM	7.81 BM	7.81-	7.81-	7.81-
2	7.72*	7.74 BM	7.74 BM	7.74 BM	7.74 BM	7.75 BM	7.73 BM	7.73-	7.73-	7.73-
3	7.65*	7.67 BM	7.66 BM	7.67 BM	7.67 BM	7.67 BM	7.66 BM	7.68 BM	7.68-	7.68-
4	7.61*	7.61 BM	7.55 BM	7.57 BM	7.54 BM	7.53 BM	7.53 BM	7.53 BM	7.53-	7.53-
5	7.28	7.18 BM	7.16 BM	7.17 BM	7.15 BM	7.31 BM	7.16 BM	7.16 BM	7.15 BM	7.15-
6	7.12	6.89 BM	7.13 BM	7.12 BM	7.13 BM	7.13 BM	7.12 BM	6.89 BM	6.91 BM	7.11 BM
7	6.92	6.98 BM	6.95 BM	7.00 BM	6.94 BM	6.83 BM	7.01 BM	6.96 BM	6.83 BM	6.83 BM
8	6.99	7.00 BM	6.89 BM	7.00 BM	6.97 BM	7.02 BM	7.00 BM	6.92 BM	6.96 BM	6.93 BM
9	7.00	6.86 BM	7.05 BM	7.13 BM	6.94 BM	6.95 BM	7.12 BM	7.18 BM	7.13 BM	7.12 BM
10	7.13	7.17 BM	7.08 BM	7.02 BM	7.18 BM	7.04 BM	7.02 BM	7.11 BM	7.15 BM	7.12 BM
11	7.08	7.06 BM	7.03 BM	7.03 BM	6.95 BM	6.98 BM	7.06 BM	6.97 BM	6.98 BM	6.97 BM
12	7.08	6.96 BM	7.05 BM	7.09 BM	7.00 BM	7.06 BM	7.05 BM	7.01 BM	7.03 BM	7.03 BM
13	7.00	6.98 BM	7.13 BM	7.11 BM	7.06 BM	6.96 BM	6.95 BM	7.11 BM	6.98 BM	7.09 BM
14	6.78	6.81 BM	6.85 BM	6.79 BM	6.77 BM	6.78 BM	6.79 BM	6.79 S	6.85 BM	6.87 BM
15	6.64	6.66 S	6.68 BM	6.67 M	6.66 M	6.68 M	6.71 S	6.71 S	6.72 S	6.67 FS
16	6.57	6.58 S	6.56 S	6.57 S	6.59 M	6.56 M	6.61 S	6.63 S	6.60 S	6.58 FS
17	6.62	6.57 S	6.48 S	6.47 S	6.43 S	6.40 S	6.41 S	6.42 CS	6.42 S	6.50 S
18	6.55	6.37 FG	6.37 SG	6.35 S	6.34 CS	6.35 FG	6.34 FG	6.34 G	6.40 S	6.61 CS
19	6.45	6.38 FG	6.35 FG	6.35 SG	6.34 FG	6.29 FG	6.31 S	6.35 S	6.45 S	6.54 CS
20	6.42	6.31 FG	6.30 FG	6.32 S	6.30 SG	6.30 FG	6.34 S	6.31 S	6.53 S	6.47 CS
21	6.31	6.25 G	6.29 FG	6.31 SG	6.26 G	6.30 G	6.33 S	6.34 G	6.65 S	6.62 S
22	6.22	6.26 G	6.25 S	6.30 SG	6.24 S	6.25 SG	6.28 S	6.29 G	6.55 S	6.58 S
23	6.21	6.17 G	6.17 G	6.21 S	6.19 S	6.18 G	6.20 SG	6.20 S	6.46 S	6.41 S
24	6.21	6.11 G	6.12 G	6.15 G	6.16 SG	6.15 G	6.17 S	6.19 FG	6.24 S	6.45 S
25	6.25	6.21 G	6.22 G	6.18 G	6.21 G	6.20 G	6.21 G	6.17 G	6.18 SG	6.31 CS
26	6.29	6.29 G	6.27 G	6.24 G	6.27 G	6.28 G	6.26 G	6.28 G	6.19 SG	6.44 S
27	6.32	6.31 G	6.28 S	6.27 G	6.31 G	6.33 G	6.29 G	6.29 G	6.27 G	6.33 CS
28	6.48	6.41 G	6.46 G	6.46 G	6.43 G	6.41 G	6.41 G	6.40 G	6.35 G	6.39 G
29	6.89	6.75 G	7.06 BM	7.01 BM	6.86 BM	6.80 SG	6.81 BM	6.83 S	6.71 BM	6.72 BM
30	7.86*	7.86-	7.86-	7.86-	7.86 BM	7.87 BM	7.85 BM	7.85-	7.85-	7.85-
31	7.86*	7.86*	7.86*	7.86*	7.86*	7.86 BM	7.86 BM	7.86-	7.86-	7.86-
32	7.80*	7.80-	7.80-	7.80-	7.80-	7.84 BM	7.84 BM	7.84-	7.84-	7.84-
33	7.76*	7.81 BM	7.81-	7.81-	7.81-	7.79 BM	7.80 BM	7.80-	7.80-	7.80-
34	7.49*	7.54 BM	7.54-	7.54-	7.54-	7.54 BM	7.54 BM	7.54-	7.54-	7.54-
35	7.42*	7.49 BM	7.49-	7.49-	7.49-	7.47 BM	7.50 BM	7.50-	7.50-	7.50-
36	7.32*	7.38 BM	7.38-	7.38-	7.38-	7.38 BM	7.38 BM	7.38-	7.38-	7.38-
37	7.60*	7.66 BM	7.66-	7.66-	7.66-	7.64 BM	7.65 BM	7.65-	7.65-	7.65-
38	7.72*	7.72 BM	7.72-	7.72-	7.72-	7.73 BM	7.71 BM	7.71-	7.71-	7.71-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	4.1	1.0	0.2	0.3	0.3	< 0.0	< 0.0	2.3	4.7	5.1
BED ELEVATION	7.50	7.81	7.86	7.85	7.86			7.71	7.36	7.13
RIGHT EDGE WATER	29.7	>38.0	29.8	29.7	30.0	>38.0	>38.0	29.6	29.6	29.4
BED ELEVATION	7.50		7.86	7.85	7.86			7.18	7.24	7.14
LEFT EDGE BAR		29.5								
BED ELEVATION		7.81								
RIGHT EDGE BAR		33.0								
BED ELEVATION		7.81								

TABLE 24.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1996, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1108	1118	1252	1037	1016	1045	1033	1127	1145	1056	1130
WATER SURFACE(1)	7.07	7.17	7.41	7.65	7.74	7.62	7.28	7.06	7.03	7.22	7.38
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-
1	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-
2	7.73-	7.73-	7.73-	7.73-	7.73 BM	7.73-	7.73-	7.73-	7.73-	7.73-	7.73-
3	7.68-	7.68-	7.68-	7.68-	7.67 BM	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-
4	7.53-	7.53-	7.53-	7.54 BM	7.52 BM	7.57 BM	7.57-	7.57-	7.57-	7.57-	7.57-
5	7.15-	7.17 BM	7.13 BM	7.28 BM	7.28 BM	7.31 BM	7.28 BM	7.28-	7.28-	7.28-	7.28-
6	7.11-	7.16 BM	7.16 BM	7.13 BM	7.12 BM	7.18 BM	6.89 BM	6.89-	6.89-	6.89-	6.89-
7	6.95 BM	6.91 BM	6.81 BM	6.85 BM	6.82 BM	6.92 BM	6.81 BM	6.81-	6.81-	6.81-	6.81-
8	6.98 BM	6.89 BM	7.02 BM	6.90 BM	6.99 BM	6.92 BM	7.01 BM	7.01-	7.01-	7.01-	7.01-
9	7.12-	7.12 BM	7.17 BM	7.13 BM	7.17 BM	7.13 BM	7.16 BM	7.16-	7.16-	7.16-	7.16-
10	7.12-	7.15 BM	7.08 BM	7.10 BM	7.06 BM	7.01 BM	7.08 BM	7.08-	7.08-	7.08-	7.08-
11	6.97 BM	6.96 BM	7.06 BM	7.04 BM	6.96 BM	6.97 BM	6.98 BM	6.98-	6.98-	6.98-	6.98-
12	7.04 BM	7.01 BM	6.99 BM	6.96 BM	7.02 BM	7.00 BM	6.97 BM	6.97-	6.97-	6.97-	6.97-
13	7.09-	7.11 BM	6.97 BM	7.07 BM	7.02 BM	6.95 BM	7.00 BM	7.00-	7.00-	7.00-	7.00-
14	6.80 M	6.78 BM	6.86 BM	6.84 BM	6.82 BM	6.80 BM	6.86 BM	6.86 M	6.79 M	6.79 M	6.77 M
15	6.69 FS	6.66 S	6.68 FS	6.68	6.66 S	6.69 BM	6.67 S	6.68 FS	6.68 M	6.69 M	6.66 M
16	6.63 FS	6.68 S	6.66 S	6.62 S	6.63 S	6.62 M	6.64 S	6.65 S	6.64 S	6.62 FS	6.58 S
17	6.69 S	6.64 S	6.63 S	6.58 S	6.62 S	6.64 S	6.64 S	6.63 S	6.63 S	6.55 S	6.54 S
18	6.71 S	6.61 S	6.56 S	6.60 S	6.60 S	6.52 S	6.50 CS	6.51 S	6.53 S	6.59 S	6.53 S
19	6.65 S	6.51 CS	6.57 S	6.62 CS	6.62 S	6.51 S	6.48 S	6.54 S	6.52 S	6.56 SG	6.60 S
20	6.40 S	6.61 CS	6.69 S	6.73 CS	6.51 S	6.46 S	6.46 S	6.52 S	6.61 S	6.49 SG	6.56 S
21	6.61 CS	6.59 S	6.65 S	6.60 SG	6.41 S	6.37 SG	6.37 CS	6.60 S	6.54 S	6.48 SG	6.60 S
22	6.60 S	6.59 CS	6.54 S	6.62 SG	6.27 FG	6.42 S	6.31 SG	6.35 S	6.52 S	6.45 SG	6.51 S
23	6.52 S	6.56 CS	6.54 S	6.39 SG	6.17 FG	6.20 SG	6.27 S	6.33 S	6.47 S	6.51 SG	6.44 S
24	6.66 S	6.60 CS	6.39 S	6.55 FG	6.14 SG	6.15 G	6.19 S	6.23 S	6.27 S	6.55 SG	6.43 S
25	6.51 S	6.63 CS	6.38 S	6.43 S	6.22 G	6.19 G	6.18 G	6.21 S	6.22 S	6.58 SG	6.37 S
26	6.45 S	6.55 CS	6.47 SG	6.37 S	6.25 G	6.22 G	6.20 G	6.24 S	6.23 S	6.48 SG	6.28 S
27	6.39 S	6.43 CS	6.46 SG	6.31 SG	6.27 G	6.32 G	6.27 G	6.30 G	6.28 G	6.29 SG	6.28 G
28	6.39 S	6.36 G	6.38 G	6.32 G	6.42 G	6.39 G	6.31 G	6.34 G	6.37 G	6.38 G	6.34 G
29	6.72 BM	6.68 G	6.69 G	6.68 M	6.67 G	6.85 S	6.68 G	6.76 SG	6.73 G	6.80 BM	6.84 BM
30	7.85-	7.85-	7.85-	7.85-	7.85-	7.85-	7.85-	7.85-	7.85-	7.85-	7.85-
31	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-
32	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-
33	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-
34	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-
35	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-
36	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-
37	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-
38	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	6.1	5.0	4.2	3.2	1.8	3.3	5.0	<14.0	<14.0	<14.0	<14.0
BED ELEVATION	7.06	7.17	7.41	7.65	7.74	7.62	7.28				
RIGHT EDGE WATER	29.2	29.3	29.5	29.5	29.5	29.9	29.5	29.3	29.4	29.4	29.5
BED ELEVATION	7.07	7.17	7.26	7.26	7.24	7.62	7.26	7.06	7.03	7.02	7.38
LEFT EDGE BAR	8.4										
BED ELEVATION	7.07										
RIGHT EDGE BAR	10.4										
BED ELEVATION	7.07										

TABLE 24.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1996, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1050	1207	1150	1140	1127	1043	1117	1212	1200	1100	1122
WATER SURFACE(1)	7.63	7.74	7.67	7.38	7.28	7.22	7.06	6.94	6.90	6.95	6.96
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-	7.91-
1	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-
2	7.73-	7.73 BM	7.73-	7.73-	7.73-	7.73-	7.73-	7.73-	7.73-	7.73-	7.73-
3	7.67-	7.66 BM	7.62 BM	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-
4	7.56 BM	7.52 BM	7.50 BM	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-
5	7.25 BM	7.13 BM	7.26 BM	7.33 BM	7.33-	7.14 BM	7.14-	7.14-	7.14-	7.14-	7.14-
6	6.84 BM	6.86 BM	6.86 BM	7.16 BM	7.16-	6.92 BM	6.92-	6.92-	6.92-	6.92-	6.92-
7	6.83 BM	6.79 BM	6.92 BM	7.00 BM	7.00-	6.93 BM	6.93-	6.93-	6.93-	6.93-	6.93-
8	6.88 BM	6.98 BM	6.89 BM	6.90 BM	6.90-	6.93 BM	6.93-	6.93-	6.93-	6.93-	6.93-
9	6.93 BM	7.19 BM	7.15 BM	7.15 BM	7.15-	7.18 BM	7.18-	7.18-	7.18-	7.18-	7.18-
10	7.01 BM	6.96 BM	7.07 BM	7.13 BM	7.13-	7.02 BM	7.02-	7.02-	7.02-	7.02-	7.02-
11	7.05 BM	6.99 BM	7.05 BM	7.00 BM	7.00-	7.00 BM	7.00-	7.00-	7.00-	7.00-	7.00-
12	7.02 BM	6.93 BM	6.99 BM	6.94 BM	6.94-	6.92 BM	6.92-	6.92-	6.92-	6.92-	6.92-
13	7.11 BM	6.93 BM	6.95 BM	6.95 G	6.95-	6.97 BM	6.97-	6.97-	6.97-	6.97-	6.97-
14	6.82 BM	6.82 S	6.77 S	6.77 G	6.88	6.84 BM	6.83 BM	6.78 M	6.79 M	6.85 M	6.81 M
15	6.66 S	6.66 S	6.67 S	6.66 FS	6.66 S	6.67 FS	6.68 M	6.67 FS	6.67 S	6.65 M	6.67 M
16	6.61 S	6.57 S	6.62 S	6.61 FS	6.60 S	6.62 FS	6.63 FS	6.61 FS	6.61 S	6.62 FS	6.63 M
17	6.53 S	6.54 S	6.61 S	6.58 FS	6.58 S	6.52 FS	6.56 S	6.56 FS	6.57 S	6.57 FS	6.55 FS
18	6.54 S	6.54 S	6.49 CS	6.46 S	6.46 S	6.53 FS	6.62 S	6.57 S	6.58 S	6.57 FS	6.58 S
19	6.52 S	6.52 S	6.46 CS	6.41 S	6.48 S	6.60 FS	6.61 S	6.60 S	6.58 S	6.56 FS	6.58 S
20	6.50 S	6.43 SG	6.37 CS	6.34 S	6.63 S	6.61 FS	6.59 S	6.57 S	6.59 S	6.57 FS	6.56 S
21	6.53 S	6.37 SG	6.37 S	6.42 S	6.56 S	6.49 S	6.59 S	6.57 S	6.56 S	6.55 FS	6.56 S
22	6.38 FG	6.20 G	6.29 S	6.42 S	6.47 S	6.34 S	6.55 S	6.51 S	6.49 S	6.51 FS	6.52 S
23	6.30 FG	6.12 G	6.20 S	6.24 FS	6.27 S	6.44 S	6.47 S	6.43 S	6.49 S	6.48 FS	6.53 S
24	6.12 SG	6.12 G	6.15 G	6.13 FS	6.21 S	6.36 S	6.44 S	6.40 S	6.42 S	6.41 FS	6.50 S
25	6.20 SG	6.22 G	6.19 G	6.16 G	6.18 SG	6.17 G	6.43 S	6.39 S	6.36 CS	6.35 FS	6.37 S
26	6.20 G	6.16 G	6.15 G	6.18 G	6.22 S	6.21 S	6.36 S	6.33 S	6.35 CS	6.34 FS	6.32 SG
27	6.29 G	6.26 G	6.27 G	6.27 G	6.28 G	6.27 G	6.30 S	6.28 S	6.29 CS	6.27 FS	6.29 SG
28	6.41 G	6.41 G	6.37 G	6.38 G	6.38 G	6.40 G	6.36 G	6.34 G	6.38 G	6.36 SG	6.39 G
29	6.73 G	6.78 G	6.77 G	6.73 G	6.75 G	6.72 G	6.71 G	6.71 G	6.70 G	6.67 G	6.73 G
30	7.85-	7.58 BM	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-	7.58-
31	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-
32	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-
33	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-
34	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-
35	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-	7.50-
36	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-
37	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-	7.65-
38	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-	7.71-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.0	1.9	2.5	4.3	<14.0	5.0	<14.0	13.7	13.8	13.7	13.7
BED ELEVATION	7.63	7.74	7.67	7.38		7.14		6.94	6.90	6.95	6.91
RIGHT EDGE WATER	29.8	30.0	29.9	29.5	29.4	29.6	29.3	29.3	29.2	29.2	29.3
BED ELEVATION	7.42	7.58	7.46	7.27	6.98	7.22	6.83	6.94	6.90	6.95	6.96

TABLE 24.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 1996, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1217	1010	929	1040	1111	1037	952	1507	1259	1118	
WATER SURFACE(1)	6.98	6.98	6.95	6.96	6.93	6.90	6.83	6.77	6.75	6.86	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.91-	7.91-	7.91-	7.91-	7.91-		7.91-	7.91-	7.91-	7.91-	7.87
1	7.81-	7.81-	7.81-	7.81-	7.81-		7.81-	7.81-	7.81-	7.81-	7.79
2	7.73-	7.73-	7.73-	7.73-	7.73-		7.73-	7.73-	7.73-	7.73-	7.72
3	7.62-	7.62-	7.62-	7.62-	7.62-		7.62-	7.62-	7.62-	7.62-	7.62
4	7.50-	7.50-	7.50-	7.50-	7.50-		7.50-	7.50-	7.50-	7.50-	7.50
5	7.14-	7.14-	7.14-	7.14-	7.14-		7.14-	7.14-	7.14-	7.14-	7.13
6	6.92-	6.92-	6.92-	6.92-	6.92-		6.92-	6.92-	6.92-	6.92-	6.84
7	6.93-	6.93-	6.93-	6.93-	6.93-		6.93-	6.93-	6.93-	6.93-	6.79
8	6.93-	6.93-	6.93-	6.93-	6.93-		6.93-	6.93-	6.93-	6.93-	6.88
9	7.18-	7.18-	7.18-	7.18-	7.18-		7.18-	7.18-	7.18-	7.18-	6.86
10	7.02-	7.02-	7.02-	7.02-	7.02-		7.02-	7.02-	7.02-	7.02-	6.96
11	7.00-	7.00-	7.00-	7.00-	7.00-		7.00-	7.00-	7.00-	7.00-	6.95
12	6.92-	6.92-	6.92-	6.92-	6.92-		6.92-	6.92-	6.92-	6.92-	6.92
13	6.97-	6.97-	6.97-	6.97-	6.97-		6.97-	6.97-	6.97-	6.97-	6.93
14	6.78 M	6.78 M	6.85 M	6.78 M	6.86 M		6.76 M	6.76-	6.76-	6.80 M	6.76
15	6.68 M	6.67 M	6.65 S	6.67 S	6.66 S		6.65 S	6.65 M	6.65 M	6.70 M	6.42
16	6.63 M	6.61 S	6.62 S	6.62 S	6.61 S		6.61 S	6.61 S	6.61 M	6.62 M	6.31
17	6.57 FS	6.57 S	6.57 S	6.60 S	6.58 S		6.56 S	6.57 S	6.56 S	6.56 S	6.27
18	6.57 FS	6.57 S	6.56 S	6.58 S	6.56 S		6.56 S	6.57 S	6.57 S	6.55 S	6.19
19	6.61 S	6.55 S	6.57 S	6.54 S	6.54 S		6.56 S	6.53 S	6.53 S	6.54 S	6.23
20	6.59 S	6.57 S	6.56 S	6.52 S	6.53 S		6.56 S	6.55 S	6.56 S	6.54 S	6.04
21	6.61 S	6.49 S	6.49 S	6.59 S	6.57 S		6.53 S	6.57 S	6.56 S	6.56 S	6.16
22	6.56 S	6.49 S	6.52 S	6.53 S	6.52 S		6.56 S	6.56 S	6.55 S	6.52 S	6.12
23	6.56 S	6.57 S	6.50 S	6.54 S	6.49 S		6.54 CS	6.56 S	6.55 S	6.46 S	6.12
24	6.46 S	6.49 S	6.51 S	6.45 S	6.43 S		6.47 CS	6.47 S	6.48 S	6.39 S	6.08
25	6.53 S	6.44 S	6.45 SG	6.41 S	6.42 S		6.43	6.44 S	6.44 CS	6.46 S	6.16
26	6.38 S	6.38 S	6.37 SG	6.36 S	6.37 S		6.38 CS	6.39 FG	6.37 CS	6.39 SG	6.15
27	6.30 SG	6.27 SG	6.26 G	6.28 S	6.29 FG		6.30 CS	6.31 SG	6.29 CS	6.29 SG	6.25
28	6.37 G	6.39 G	6.40 G	6.39 FG	6.38 G		6.36 G	6.34 SG	6.35 G	6.36 SG	6.31
29	6.75 G	6.69 G	6.66 G	6.73 FG	6.72 G		6.73 BM	6.64 S	6.69 BM	6.64 SG	6.64
30	7.58-	7.58-	7.58-	7.58-	7.58-		7.58-	7.58-	7.58-	7.58-	7.58
31	7.86-	7.86-	7.86-	7.86-	7.86-		7.86-	7.86-	7.86-	7.86-	7.86
32	7.84-	7.84-	7.84-	7.84-	7.84-		7.84-	7.84-	7.84-	7.84-	7.80
33	7.80-	7.80-	7.80-	7.80-	7.80-		7.80-	7.80-	7.80-	7.80-	7.76
34	7.54-	7.54-	7.54-	7.54-	7.54-		7.54-	7.54-	7.54-	7.54-	7.49
35	7.50-	7.50-	7.50-	7.50-	7.50-		7.50-	7.50-	7.50-	7.50-	7.42
36	7.38-	7.38-	7.38-	7.38-	7.38-		7.38-	7.38-	7.38-	7.38-	7.32
37	7.65-	7.65-	7.65-	7.65-	7.65-		7.65-	7.65-	7.65-	7.65-	7.60
38	7.71-	7.71-	7.71-	7.71-	7.71-		7.71-	7.71-	7.71-	7.71-	7.71
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	13.7	13.8	13.8	13.7	13.8		13.9	14.7	14.8	14.0	
BED ELEVATION	6.98	6.98	6.95	6.96	6.93		6.83	6.77	6.75	6.80	
RIGHT EDGE WATER	29.4	29.2	29.2	29.7	29.2		29.1	29.2	29.1	29.3	
BED ELEVATION	6.98	6.81	6.83	6.96	6.93		6.83	6.77	6.75	6.76	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 2082, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1420	1327	1114	1015	1145	1027	1119	1220	1053	1120
WATER SURFACE(1)	7.58	7.92	7.95	7.95	7.96	8.05	8.02	7.83	7.48	7.25
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.71*	7.77 BM	7.75 BM	7.73 BM	7.76 BM	7.75	7.76 BM	7.76 BM	7.76-	7.76-
1	7.67*	7.72 BM	7.69 BM	7.69 BM	7.69 BM	7.67	7.68 BM	7.70 BM	7.70-	7.70-
2	7.64*	7.68 BM	7.65 BM	7.65 BM	7.66 BM	7.67 BM	7.66 BM	7.66 BM	7.66-	7.66-
3	7.66*	7.71 BM	7.67 BM	7.68 BM	7.70 BM	7.70 BM	7.69 BM	7.71 BM	7.71-	7.71-
4	7.61*	7.68 BM	7.65 BM	7.65 BM	7.66 BM	7.65 BM	7.67 BM	7.69 BM	7.69-	7.69-
5	7.62+	7.62 BM	7.61 BM	7.61 BM	7.63 BM	7.63 BM	7.63 BM	7.64 BM	7.64-	7.64-
6	7.14	6.72 BM	6.70 BM	6.62 HB	6.66 HB	7.10 BM	7.07 BM	7.19 BM	7.08 BM	7.07 BM
7	6.50	6.49 G	6.44 G	6.45 G	6.46 G	6.43 G	6.46 M	6.42 S	6.42 BM	6.42 SG
8	6.38	6.38 G	6.35 G	6.35 G	6.36 G	6.33 G	6.38 G	6.35 G	6.35 G	6.36 G
9	6.28	6.32 G	6.30 G	6.29 G	6.31 G	6.30 G	6.32 G	6.31 G	6.31 G	6.33 SG
10	6.33	6.37 G	6.31 G	6.35 G	6.36 G	6.33 G	6.37 G	6.36 G	6.33 G	6.45 CS
11	6.32	6.37 G	6.32 G	6.33 G	6.36 G	6.33 G	6.37 G	6.36 G	6.32 G	6.63 CS
12	6.44	6.42 G	6.38 G	6.41 G	6.38 G	6.37 G	6.42 G	6.43 G	6.46 S	6.78 CS
13	6.48	6.54 S	6.50 G	6.51 S	6.56 S	6.56 CS	6.57 S	6.54 S	6.60 S	6.74 CS
14	6.58	6.64 S	6.63 S	6.68 S	6.68 S	6.67 S	6.77 S	6.70 SG	6.80 S	6.84 CS
15	6.72	6.77 S	6.72 S	6.78 S	6.88 S	6.79 S	6.81 S	6.79 S	6.97 S	6.89 CS
16	6.80	6.89 S	6.85 S	6.88 S	6.92 S	6.95 S	6.92 S	6.98 S	6.96 S	7.03 CS
17	6.95	6.99 S	7.01 S	7.00 S	7.01 S	7.05 S	7.00 S	7.06 S	7.08 S	6.98 CS
18	7.07	7.09 S	7.03 S	7.07 S	7.11 S	7.08 S	7.12 S	7.13 S	7.14 S	7.09 S
19	7.16	7.17 S	7.11 S	7.11 SG	7.16 S	7.15 S	7.17 S	7.23 S	7.17 S	7.17 S
20	7.12	7.15 S	7.12 S	7.11 SG	7.14 S	7.08 S	7.17 S	7.18 S	7.14 S	7.13 S
21	6.88	7.08 S	7.14 M	7.12 M	7.13 S	7.25 S	7.20 S	7.23 S	7.16 S	7.16 S
22	6.78	7.13 S	7.21 M	7.19 M	7.23 S	7.32 S	7.23 S	7.30 S	7.20 S	7.12 S
23	7.01	7.12 S	7.19 M	7.25 M	7.26 S	7.30 S	7.30 S	7.32 S	7.26 S	7.13 S
24	7.36	7.32 S	7.31 M	7.35 M	7.36 S	7.34 S	7.38 S	7.43 BM	7.44 S	7.44-
25	7.75*	7.80 BM	7.80 BM	7.80 BM	7.84 BM	7.82 BM	7.82 BM	7.82-	7.82-	7.82-
26	7.90+	7.90 BM	7.88 BM	7.89 BM	7.89 BM	7.88 BM	7.89 BM	7.89-	7.89-	7.89-
27	7.78*	7.85 BM	7.83 BM	7.85 BM	7.85 BM	7.84 BM	7.84 BM	7.84-	7.84-	7.84-
28	7.81+	7.81 BM	7.80 BM	7.78 BM	7.79 BM	7.80 BM	7.79 BM	7.79-	7.79-	7.79-
29	7.71*	7.78 BM	7.73 BM	7.75 BM	7.77 BM	7.75 BM	7.78 BM	7.78-	7.78-	7.78-
30	7.77+	7.77 BM	7.73 BM	7.75 BM	7.75 BM	7.74 BM	7.76 BM	7.76-	7.76-	7.76-
31	7.76*	7.87 BM	7.85 BM	7.87 BM	7.86 BM	7.84 BM	7.86 BM	7.86-	7.86-	7.86-
32	7.84+	7.84 BM	7.80 BM	7.82 BM	7.82 BM	7.83 BM	7.82 BM	7.82-	7.82-	7.82-
33	7.78+	7.78 BM	7.73 BM	7.75 BM	7.76 BM	7.75 BM	7.75 BM	7.75-	7.75-	7.75-
34	7.71+	7.71 BM	7.68 BM	7.70 BM	7.70 BM	7.75 BM	7.71 BM	7.71-	7.71-	7.71-
35	7.88+	7.88 BM	7.83 BM	7.86 BM	7.87 BM	7.85 BM	7.88 BM	7.88-	7.88-	7.88-
36	7.55	7.55 S	7.52 S	7.49 S	7.52 S	7.55 S	7.52 S	7.50 S	7.50-	7.50-
37	7.33	7.48 S	7.45 S	7.39 S	7.36 S	7.35 S	7.41 S	7.38 S	7.40 SG	7.40-
38	7.37	7.34 S	7.38 S	7.27 S	7.31 S	7.30 S	7.28 S	7.33 S	7.33 S	7.33-
39	7.40	7.42 S	7.41 S	7.43 S	7.44 S	7.42 S	7.42 S	7.45 S	7.48	7.48-
40	7.59+	7.59 S	7.64 S	7.63 BM	7.66 S	7.66	7.69 BM	7.68 M	7.68-	7.68-
41	7.82+	7.82 BM	7.77 M	7.80 BM	7.81 BM	7.78 BM	7.79 BM	7.82 M	7.82-	7.82-
42	7.76+	7.76 BM	7.74 M	7.74 BM	7.75 BM	7.74 BM	7.76 BM	7.76 M	7.76-	7.76-
43	7.74+	7.74 BM	7.71 M	7.81 BM	7.73 BM	7.73 BM	7.73 BM	7.73 M	7.73-	7.73-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	5.2	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	5.2	5.2
BED ELEVATION	7.58								7.27	7.25
RIGHT EDGE WATER	39.8	>43.0	>43.0	>43.0	>43.0	>43.0	>43.0	>43.0	39.0	23.7
BED ELEVATION	7.58								7.48	7.25
LEFT EDGE BAR	24.5							25.0	24.1	
BED ELEVATION	7.58							7.83	7.48	
RIGHT EDGE BAR	35.8							35.4	36.0	
BED ELEVATION	7.58							7.83	7.48	

TABLE 25.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2082, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1102	1102	1256	1030	1017	1047	1037	1119	1135	1050	1118
WATER SURFACE(1)	7.17	7.28	7.50	7.73	7.83	7.71	7.38	7.14	7.12	7.32	7.48
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.76-	7.76-	7.76-	7.76-	7.75	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-
1	7.70-	7.70-	7.70-	7.65 BM	7.68 BM	7.66 BM	7.66-	7.66-	7.66-	7.66-	7.66-
2	7.66-	7.66-	7.66-	7.65 BM	7.68 BM	7.68 BM	7.68-	7.68-	7.68-	7.68-	7.68-
3	7.71-	7.71-	7.71-	7.62 BM	7.65 BM	7.70 BM	7.70-	7.70-	7.70-	7.70-	7.70-
4	7.69-	7.69-	7.69-	7.63 BM	7.66 BM	7.65 BM	7.65-	7.65-	7.65-	7.65-	7.65-
5	7.64-	7.64-	7.64-	7.61 BM	7.63 BM	7.61 BM	7.61-	7.61-	7.61-	7.61-	7.61-
6	7.09 BM	7.05 BM	7.17 M	7.16 BM	7.18 S	7.16 M	7.18 BM	7.14 BM	7.14-	7.16 BM	7.09 BM
7	6.39 G	6.39 SG	6.38 FG	6.38 G	6.27 HB	6.38 M	6.38 G	6.37 HB	6.41 HB	6.39 HB	6.43
8	6.35 G	6.36 G	6.34 G	6.33 G	6.28 G	6.35 G	6.34 G	6.35 G	6.36 G	6.36 G	6.37 G
9	6.33 G	6.31 G	6.30 G	6.29 G	6.29 G	6.31 G	6.31 G	6.33 G	6.32 G	6.31 G	6.32 G
10	6.46 S	6.37 SG	6.33 G	6.31 G	6.31 G	6.32 SG	6.33 G	6.33 G	6.32 G	6.32 G	6.34 G
11	6.63 CS	6.49 S	6.32 FG	6.31 SG	6.31 G	6.33 SG	6.32 G	6.35 S	6.47 S	6.45 FG	6.36 FG
12	6.66 S	6.48 S	6.42 SG	6.37 SG	6.38 G	6.39 G	6.41 SG	6.64 S	6.57 S	6.49 SG	6.44 FG
13	6.67 S	6.61 CS	6.50 SG	6.47 S	6.48 S	6.48 SG	6.58 S	6.67 S	6.62 S	6.55 FG	6.54 FG
14	6.86 S	6.70 CS	6.60 S	6.59 S	6.58 S	6.68 S	6.73 S	6.80 S	6.72 S	6.63 SG	6.61 FG
15	6.87 S	6.81 CS	6.70 SG	6.71 S	6.73 S	6.76 S	6.83 S	6.92 S	6.82 S	6.76 G	6.76 FG
16	6.95 S	6.90 CS	6.83 SG	6.83 SG	6.85 S	6.86 S	6.84 S	6.89 S	6.87 S	6.86 G	6.86 G
17	6.98 FS	6.99 CS	6.93 SG	6.91 SG	6.93 S	7.00 S	6.95 S	6.99 S	6.97 S	6.95 SG	6.97 SG
18	7.11 FS	7.08 S	7.04 S	7.03 S	7.03 S	7.06 S	7.04 S	7.12 S	7.12 S	7.08 S	7.07 S
19	7.15 FS	7.16 S	7.11 S	7.11 S	7.09 S	7.11 S	7.14 S	7.14-	7.14-	7.15 S	7.16 S
20	7.13 FS	7.10 S	7.11 S	7.07 S	7.07 S	7.07 S	7.15 S	7.08 FS	7.07 S	7.09 S	7.13 S
21	7.12 FS	7.12 S	7.10 S	6.97 S	6.96 S	7.06 S	7.08 S	7.09 S	7.07 S	7.10 S	7.11 S
22	7.08 FS	7.17 S	7.10 S	7.01 S	6.90 S	7.16 S	7.08 S	7.10 S	7.05 S	7.11 S	7.13 S
23	7.10 FS	7.10 S	7.08 S	7.09 S	7.05 BM	7.13 S	7.13 S	7.13 S	7.13-	7.16 S	7.13 S
24	7.44-	7.44-	7.36 FS	7.35 BM	7.43 BM	7.36 S	7.36-	7.36-	7.36-	7.36-	7.42 BM
25	7.82-	7.82-	7.82-	7.82-	7.83 BM	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-
26	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-
27	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-
28	7.79-	7.79-	7.79-	7.79-	7.77 BM	7.77-	7.77-	7.77-	7.77-	7.77-	7.77-
29	7.78-	7.78-	7.78-	7.78-	7.76 BM	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-
30	7.76-	7.76-	7.76-	7.76-	7.75 BM	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-
31	7.86-	7.86-	7.86-	7.86-	7.83 BM	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-
32	7.82-	7.82-	7.82-	7.82-	7.81 BM	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-
33	7.75-	7.75-	7.75-	7.75-	7.75 BM	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-
34	7.71-	7.71-	7.71-	7.71-	7.69 BM	7.69-	7.69-	7.69-	7.69-	7.69-	7.69-
35	7.88-	7.88-	7.88-	7.88-	7.83 BM	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-
36	7.50-	7.50-	7.50-	7.46 S	7.46 S	7.49 S	7.49-	7.49-	7.49-	7.49-	7.49-
37	7.40-	7.40-	7.40-	7.36 S	7.41 S	7.47 S	7.47-	7.47-	7.47-	7.47-	7.43 S
38	7.33-	7.33-	7.33-	7.28 S	7.39 S	7.49 S	7.49-	7.49-	7.49-	7.49-	7.41 S
39	7.48-	7.48-	7.48-	7.46 S	7.47 S	7.47 FS	7.47-	7.47-	7.47-	7.47-	7.46 S
40	7.68-	7.68-	7.68-	7.66	7.67 S	7.67 FS	7.67-	7.67-	7.67-	7.67-	7.67-
41	7.82-	7.82-	7.82-	7.82-	7.80 BM	7.69 FS	7.69-	7.69-	7.69-	7.69-	7.69-
42	7.76-	7.76-	7.76-	7.76-	7.73 BM	7.73-	7.73-	7.73-	7.73-	7.73-	7.73-
43	7.73-	7.73-	7.73-	7.73-	7.70 BM	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	5.4	5.3	5.4	0.2	< 0.0	0.2	5.3	6.0	6.1	5.2	5.2
BED ELEVATION	7.17	7.24	7.21	7.73		7.70	7.28	7.14	7.12	7.28	7.28
RIGHT EDGE WATER	23.3	23.8	24.2	40.5	>43.0	41.3	23.8	23.4	22.9	23.8	39.6
BED ELEVATION	7.17	7.28	7.50	7.73		7.71	7.38	7.14	7.12	7.32	7.48
LEFT EDGE BAR				24.8	25.0	24.7		18.3	18.0		24.2
BED ELEVATION				7.73	7.83	7.71		7.14	7.12		7.48
RIGHT EDGE BAR				35.5	27.5	35.5		19.5	19.6		36.6
BED ELEVATION				7.73	7.83	7.71		7.14	7.12		7.48

TABLE 25.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2082, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1050	1155	1140	1135	1117	1038	1109	1205	1154	1052	1114
WATER SURFACE(1)	7.72	7.84	7.77	7.48	7.38	7.31	7.13	7.01	6.95	7.02	7.03
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	7.75-	7.75 BM	7.75 BM	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-
1	7.66 BM	7.70 BM	7.67 BM	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-
2	7.66 BM	7.69 BM	7.67 BM	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-
3	7.67 BM	7.70 BM	7.69 BM	7.69-	7.69-	7.69-	7.69-	7.69-	7.69-	7.69-	7.69-
4	7.66 BM	7.68 BM	7.67 BM	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-	7.67-
5	7.60 BM	7.63 BM	7.62 BM	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-	7.62-
6	7.18 BM	7.04 S	7.17 S	7.16 BM	7.13 BM	7.16 BM	7.13 HB	7.13-	7.13-	7.13-	7.03
7	6.37 S	6.41 HB	6.37 G	6.36 G	6.37 G	6.35 G	6.40 CG	6.39 HB	6.37 HB	6.40 BM	6.40 HB
8	6.33 G	6.34 G	6.37 G	6.36 G	6.37 G	6.36 G	6.35 CG	6.37 G	6.35 G	6.34 G	6.36 G
9	6.32 G	6.30 G	6.31 G	6.29 G	6.34 G	6.31 G	6.30 CG	6.31 G	6.31 G	6.30 G	6.31 G
10	6.32 G	6.33 G	6.31 G	6.32 G	6.33 G	6.30 G	6.31 SG	6.31 G	6.30 G	6.30 G	6.33 G
11	6.33 G	6.32 G	6.34 G	6.33 G	6.36 FG	6.35 G	6.36 FG	6.34 FG	6.39 S	6.43 S	6.36 SG
12	6.38 SG	6.41 G	6.39 G	6.46 CS	6.51 S	6.51 FG	6.46 FG	6.47 FG	6.54 S	6.54 S	6.46 SG
13	6.48 SG	6.49 FG	6.53 FG	6.59 CS	6.60 S	6.62 S	6.56 FG	6.57 FG	6.58 SG	6.61 S	6.56 SG
14	6.59 CS	6.60 SG	6.67 SG	6.70 S	6.78 S	6.72 S	6.66 S	6.67 SG	6.67 SG	6.69 S	6.67 S
15	6.71 CS	6.75 SG	6.77 S	6.84 CS	6.76 S	6.81 S	6.77 S	6.76 S	6.75 SG	6.75 SG	6.73 FG
16	6.82 CS	6.84 SG	6.89 S	6.92 S	6.87 SG	6.86 SG	6.86 S	6.88 S	6.85 SG	6.88 SG	6.86 S
17	6.92 CS	6.94 SG	6.99 S	6.99 S	6.98 S	6.96 SG	6.96 S	6.96 S	6.95	6.98 S	6.96 S
18	7.02 S	7.06 S	7.05 S	7.06 S	7.07 S	7.06 S	7.06 S	7.06-	7.06-	7.06-	7.06-
19	7.10 S	7.14 S	7.07 SG	7.13 S	7.14 S	7.13 S	7.13-	7.13-	7.13-	7.13-	7.13-
20	7.08 S	7.14 S	7.11 S	7.11 S	7.18 FS	7.16 S	7.16-	7.16-	7.16-	7.16-	7.16-
21	6.97 S	6.96 S	7.05 S	7.05 S	6.99 FS	7.01 S	7.00 S	6.98 S	6.98-	6.99 S	7.00 S
22	6.88 S	6.87 S	7.06 S	7.09 S	7.12 S	7.00 S	7.03 S	7.00 M	7.00-	7.00 S	7.00 S
23	7.07 S	7.14 S	7.11 S	7.11 S	7.08 S	7.10 S	7.09 S	7.09-	7.09-	7.09-	7.09-
24	7.47 S	7.41 S	7.42 BM	7.44 M	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-
25	7.83-	7.84 BM	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-
26	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-
27	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-
28	7.77-	7.77-	7.77-	7.77-	7.77-	7.77-	7.77-	7.77-	7.77-	7.77-	7.77-
29	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-
30	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-
31	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-
32	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-
33	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-	7.75-
34	7.69-	7.69-	7.69-	7.69-	7.69-	7.69-	7.69-	7.69-	7.69-	7.69-	7.69-
35	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-
36	7.54 S	7.53 S	7.52 S	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-
37	7.47 S	7.56 S	7.51 S	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-	7.51-
38	7.49 S	7.45 S	7.52 S	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-
39	7.47 FS	7.48 S	7.47 S	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-	7.47-
40	7.66 FS	7.66 BM	7.66 BM	7.66-	7.66-	7.66-	7.66-	7.66-	7.66-	7.66-	7.66-
41	7.69-	7.82 BM	7.82-	7.82-	7.82-	7.82-	7.82-	7.82-	7.82-	7.82-	7.82-
42	7.73-	7.73 BM	7.73-	7.73-	7.73-	7.73-	7.73-	7.73-	7.73-	7.73-	7.73-
43	7.70-	7.72 BM	7.72-	7.72-	7.72-	7.72-	7.72-	7.72-	7.72-	7.72-	7.72-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.1	0.0	0.0	5.2	5.2	5.2	6.0	6.1	6.1	6.1	6.0
BED ELEVATION	7.72	7.75	7.75	7.25	7.25	7.25	7.13	7.01	6.95	7.02	7.03
RIGHT EDGE WATER	40.4	43.5	40.8	24.2	23.9	23.9	23.3	22.7	17.0	22.7	22.8
BED ELEVATION	7.72	7.84	7.77	7.48	7.38	7.31	7.13	7.01	6.95	7.02	7.03
LEFT EDGE BAR	24.7	25.0	24.9				18.4	17.3		17.3	17.3
BED ELEVATION	7.72	7.84	7.77				7.13	7.01		7.02	7.03
RIGHT EDGE BAR	35.4	34.7	35.5				20.2	20.5		20.4	20.4
BED ELEVATION	7.72	7.84	7.77				7.13	7.01		7.02	7.03

TABLE 25.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2082, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1211	1003	927	1038	1104	1033	947	1500	1229	1059	
WATER SURFACE(1)	7.04	7.04	7.01	7.02	6.99	6.95	6.87	6.80	6.78	6.86	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	7.75-	7.75-			7.75-		7.75-	7.75-	7.75-	7.75-	7.71
1	7.67-	7.67-			7.67-		7.67-	7.67-	7.67-	7.67-	7.65
2	7.67-	7.67-			7.67-		7.67-	7.67-	7.67-	7.67-	7.64
3	7.69-	7.69-			7.69-		7.69-	7.69-	7.69-	7.69-	7.62
4	7.67-	7.67-			7.67-		7.67-	7.67-	7.67-	7.67-	7.61
5	7.62-	7.62-			7.62-		7.62-	7.62-	7.62-	7.62-	7.60
6	7.03 BM	7.04 BM			7.04-		7.04-	7.04-	7.04-	7.04-	6.62
7	6.41 HB	6.35 S			6.38 HB		6.37 HB	6.39 G	6.40 HB	6.42 SG	6.27
8	6.36 G	6.34 G			6.36 G		6.33 G	6.34 SG	6.33 G	6.32 G	6.28
9	6.31 G	6.31 G			6.30 G		6.29 G	6.30 FG	6.33 G	6.29 G	6.28
10	6.30 G	6.32 G			6.30 G		6.28 G	6.30 FG	6.27 G	6.27 G	6.27
11	6.34 SG	6.35 G			6.37 SG		6.36 FG	6.35 S	6.35 FG	6.33 S	6.31
12	6.46 SG	6.44 G			6.47 SG		6.45 FG	6.50 S	6.51 S	6.40 S	6.36
13	6.56 SG	6.54 G			6.57 SG		6.59 S	6.64 S	6.59 S	6.58 S	6.21
14	6.64 SG	6.64 SG			6.67 SG		6.66 S	6.65 S	6.62 S	6.63 SG	6.19
15	6.73 SG	6.73 SG			6.77 SG		6.75 SG	6.74 SG	6.72 SG	6.73 SG	6.23
16	6.86 SG	6.84 SG			6.87 S		6.86 SG	6.86-	6.86-	6.86 SG	6.22
17	6.96 SG	6.95 SG			6.96 S		6.96-	6.96-	6.96-	6.96-	6.38
18	7.06-	7.06-			7.06-		7.06-	7.06-	7.06-	7.06-	6.47
19	7.13-	7.13-			7.13-		7.13-	7.13-	7.13-	7.13-	6.58
20	7.16-	7.16-			7.16-		7.16-	7.16-	7.16-	7.16-	6.56
21	6.98 S	6.99 S			6.98 S		6.98-	6.98-	6.98-	6.98-	6.45
22	7.01 S	7.01 S			6.98 S		6.98-	6.98-	6.98-	6.98-	6.55
23	7.04 S	7.04-			7.04-		7.04-	7.04-	7.04-	7.04-	6.54
24	7.44-	7.44-			7.44-		7.44-	7.44-	7.44-	7.44-	6.49
25	7.84-	7.84-			7.84-		7.84-	7.84-	7.84-	7.84-	7.75
26	7.89-	7.89-			7.89-		7.89-	7.89-	7.89-	7.89-	7.88
27	7.84-	7.84-			7.84-		7.84-	7.84-	7.84-	7.84-	7.78
28	7.77-	7.77-			7.77-		7.77-	7.77-	7.77-	7.77-	7.77
29	7.76-	7.76-			7.76-		7.76-	7.76-	7.76-	7.76-	7.71
30	7.75-	7.75-			7.75-		7.75-	7.75-	7.75-	7.75-	7.73
31	7.83-	7.83-			7.83-		7.83-	7.83-	7.83-	7.83-	7.76
32	7.81-	7.81-			7.81-		7.81-	7.81-	7.81-	7.81-	7.80
33	7.75-	7.75-			7.75-		7.75-	7.75-	7.75-	7.75-	7.73
34	7.69-	7.69-			7.69-		7.69-	7.69-	7.69-	7.69-	7.68
35	7.83-	7.83-			7.83-		7.83-	7.83-	7.83-	7.83-	7.83
36	7.52-	7.52-			7.52-		7.52-	7.52-	7.52-	7.52-	6.62
37	7.51-	7.51-			7.51-		7.51-	7.51-	7.51-	7.51-	6.61
38	7.52-	7.52-			7.52-		7.52-	7.52-	7.52-	7.52-	6.67
39	7.47-	7.47-			7.47-		7.47-	7.47-	7.47-	7.47-	6.67
40	7.66-	7.66-			7.66-		7.66-	7.66-	7.66-	7.66-	7.59
41	7.82-	7.82-			7.82-		7.82-	7.82-	7.82-	7.82-	7.69
42	7.73-	7.73-			7.73-		7.73-	7.73-	7.73-	7.73-	7.73
43	7.72-	7.72-			7.72-		7.72-	7.72-	7.72-	7.72-	7.70

	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS						
LEFT EDGE WATER	6.0	6.0	6.1	6.2	6.3	6.4	6.3
BED ELEVATION	7.03	7.04	6.99	6.56	6.80	6.56	6.57
RIGHT EDGE WATER	23.0	22.9	22.6	16.3	15.5	15.8	16.0
BED ELEVATION	7.04	7.04	6.99	6.87	6.80	6.78	6.86
LEFT EDGE BAR	17.8	17.8	17.1				
BED ELEVATION	7.04	7.04	6.99				
RIGHT EDGE BAR	20.4	20.3	20.6				
BED ELEVATION	7.04	7.04	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
(4) LOWEST ELEVATION ATTAINED BY EITHER A-PROBING AT TIME OF FIRST MEASUREMENT OR B-MAXIMUM SCOUR DURING PERIOD OF MEASUREMENTS.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 26.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2194, EAST FORK RIVER, WYOMING, 1979

DATE	5-15	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1240	1413	1307	1050	1001	1135	1021	1104	1215	1048	1115
WATER SURFACE(1)	7.04	7.62	7.92	7.97	7.96	7.97	8.07	8.03	7.87	7.57	7.34
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
10	7.99*	7.99*	7.92	7.95 BM	7.96 BM	7.96 BM	7.94 BM	7.93 BM	7.93-	7.93-	7.93-
11	7.80*	7.80*	7.77 BM	7.78 BM	7.76 BM	7.77 BM	7.76 BM	7.77 BM	7.77 BM	7.77-	7.77-
12	7.23*	7.20	7.14 G	7.66 BM	7.66 BM	7.69 BM	7.16 BM	7.17 BM	7.48 BM	7.19 BM	7.23 BM
13	7.04	6.92	6.92 G	6.99 SG	6.92 G	6.93 G	6.82 G	6.92 M	6.98 S	6.94 BM	6.99 SG
14	6.72	6.71	6.67 G	6.66 G	6.66 G	6.66 G	6.67 G	6.67 G	6.67 S	6.67 CG	6.68 G
15	6.61	6.60	6.59 G	6.61 G	6.61 G	6.58 G	6.59 G	6.58 G	6.63 SG	6.62 CG	6.62 G
16	6.49	6.44	6.47 G	6.42 G	6.46 G	6.45 G	6.46 G	6.43 G	6.45 HB	6.45 G	6.43 G
17	6.53	6.42	6.40 G	6.38 G	6.36 G	6.37 G	6.35 G	6.38 G	6.35 SG	6.36 G	6.33 G
18	6.56	6.36	6.37 G	6.36 G	6.32 G	6.33 HB	6.35 SG	6.33 G	6.35 HB	6.36 G	6.36 G
19	6.64	6.32	6.32 G	6.40 S	6.30 G	6.31 HB	6.30 HB	6.30 HB	6.32 HB	6.34 BM	6.36 HB
20	6.73	6.42	6.32 HB	6.33 S	6.28 HB	6.33 HB	6.32 HB	6.33 HB	6.28 HB	6.29 S	6.31 S
21	6.82	6.44	6.22 HB	6.18 S	6.16 S	6.22 S	6.25 S	6.15 HB	6.27 S	6.24 S	6.24 S
22	6.83	6.72	6.22 S	6.17 SG	6.16 S	6.17 S	6.27 S	6.16 G	6.26 S	6.28 S	6.29 S
23	6.81	6.94	6.22 S	6.27 S	6.16 S	6.21 S	6.41 S	6.19 G	6.23 S	6.22 HB	6.16 HB
24	6.63	7.04	6.19 S	6.19 S	6.21 S	6.16 S	6.27 S	6.23 S	6.23 S	6.13 SG	6.22 HB
25	6.26	6.98	6.22 S	6.24 S	6.21 S	6.22 S	6.22 S	6.28 S	6.28 S	6.23 FG	6.26 CS
26	6.04	6.54	6.32 BM	6.28 SG	6.40 S	6.37 S	6.34 SG	6.53 S	6.39 G	6.47 CG	6.45 CS
27	6.33	6.40	6.57 S	6.63 S	6.54 SG	6.54 CS	6.57 S	6.73 S	6.54 S	6.60 S	6.65 S
28	6.51	6.58	6.72 S	6.78 S	6.82 S	6.87 S	6.81 S	6.99 S	6.90 S	6.87 S	6.93 S
29	6.98	6.98	7.05 BM	7.03 M	7.10 M	7.17 BM	7.22 M	7.17 BM	7.27 BM	7.31 S	7.27 FS
30	7.82*	7.80*	7.83 BM	7.84 BM	7.89 M	7.84 BM	7.84 BM	7.84 BM	7.86 BM	7.86-	7.86-
31	7.82*	7.82*	7.84 BM	7.86 BM	7.85 BM	7.86 BM	7.85 BM	7.85 BM	7.86 BM	7.86-	7.86-
32	7.81*	7.81*	7.81 BM	7.83 BM	7.81 BM	7.82 BM	7.81 BM	7.82 BM	7.84	7.84-	7.84-

	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	13.0	12.0	10.0	9.9	10.0	9.9	9.6	9.7	10.2	12.0	12.0
BED ELEVATION	7.04	7.20	7.92	7.97	7.96	7.97	8.07	8.03	7.87	7.19	7.23
RIGHT EDGE WATER	29.2	29.2	>32.0	>32.0	>32.0	>32.0	>32.0	>32.0	>32.0	29.2	29.2
BED ELEVATION	7.04	7.62								7.35	7.32

TABLE 26.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2194, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1059	1058	1215	1023	1013	1037	1028	1117	1130	1055	1119
WATER SURFACE(1)	7.24	7.35	7.57	7.76	7.86	7.75	7.46	7.21	7.19	7.38	7.53
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
10	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-
11	7.77-	7.77-	7.77-	7.77-	7.76 BM	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-
12	7.22 BM	7.21 BM	7.19 BM	7.18 G	7.16 BM	7.17 BM	7.17 SG	7.21 SG	7.21-	7.21-	7.17 G
13	6.96 G	6.94 G	6.93 SG	6.92 G	6.91 G	6.95 SG	6.98 G	6.95 SG	6.95 G	6.92 SG	6.93 SG
14	6.67 SG	6.69 SG	6.68 G	6.56 G	6.65 G	6.67 G	6.66 G	6.65 SG	6.68 SG	6.68 SG	6.68 SG
15	6.61 G	6.62 SG	6.62 G	6.56 G	6.60 G	6.61 G	6.61 G	6.64 G	6.64 SG	6.60 G	6.61 S
16	6.41 SG	6.44 G	6.54 CS	6.42 G	6.45 HB	6.45 G	6.46 SG	6.46 G	6.55 S	6.68 G	6.51 S
17	6.34 SG	6.63 S	6.67 S	6.41 S	6.34 G	6.35 G	6.34 G	6.35 G	6.73 S	6.73 G	6.63 S
18	6.35 SG	6.43 S	6.70 SG	6.46 S	6.35 G	6.35 G	6.36 SG	6.36 G	6.69 S	6.87 S	6.71 S
19	6.34 S	6.38 S	6.68 SG	6.51 S	6.32 HB	6.31 HB	6.34 S	6.34 S	6.49 S	6.72 S	6.83 S
20	6.34 S	6.35 S	6.65 S	6.64 S	6.33 HB	6.34 HB	6.35 FS	6.34 S	6.34 S	6.88 S	6.83 S
21	6.31 S	6.26 S	6.54 S	6.66 S	6.20 HB	6.25 S	6.31 S	6.26 S	6.28 S	6.68 S	6.68 S
22	6.15 SG	6.16 G	6.30 S	6.36 S	6.18 G	6.19 S	6.34 S	6.34 S	6.30 S	6.33 S	6.34 S
23	6.19 G	6.25 HB	6.25 SG	6.31 S	6.26 S	6.17 S	6.25 S	6.18 HB	6.19 G	6.18 G	6.37 S
24	6.19 SG	6.15 HB	6.17 HB	6.21 S	6.22 S	6.18 S	6.16 HB	6.19 HB	6.20 G	6.18 HB	6.18 S
25	6.23 SG	6.26 FG	6.25 SG	6.26 S	6.25 CS	6.25 G	6.28 G	6.26 SG	6.25 CS	6.24 S	6.25 G
26	6.45 CS	6.48 CS	6.42 SG	6.41 G	6.45 CS	6.43 G	6.45 G	6.40 SG	6.39 CS	6.27 S	6.39 G
27	6.63 S	6.65 S	6.61 S	6.61 S	6.63 S	6.65 G	6.65 S	6.62 S	6.63 S	6.60 S	6.59 S
28	6.77 S	6.87 S	6.97 S	6.74 S	6.81 S	6.75 S	6.76 S	6.73 S	6.83 S	6.74 S	6.73 S
29	7.27-	7.25 S	7.27 S	7.23 BM	7.25 S	7.29 S	7.26 S	7.26-	7.26-	7.24 S	7.28 FS
30	7.86-	7.86-	7.86-	7.86-	7.86	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-
31	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-
32	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	12.0	12.0	12.0	11.6	10.4	11.7	12.0	12.0	12.1	12.1	12.0
BED ELEVATION	7.22	7.21	7.19	7.76	7.86	7.70	7.17	7.21	7.19	7.18	7.17
RIGHT EDGE WATER	28.9	29.2	29.2	29.4	30.0	29.5	29.2	28.8	28.8	29.2	29.3
BED ELEVATION	7.24	7.33	7.48	7.76	7.86	7.75	7.34	7.21	7.19	7.29	7.48

TABLE 26.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2194, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1144	1147	1147	1121	1115	1033	1121	1202	1149	1100	1115
WATER SURFACE(1)	7.75	7.86	7.81	7.54	7.45	7.38	7.20	7.10	7.05	7.10	7.12
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
10	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-
11	7.76-	7.76 BM	7.76 BM	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-	7.76-
12	7.63 BM	7.16 G	7.59 BM	7.59-	7.15 G	7.20	7.18 G	7.18-	7.18-	7.18-	7.18-
13	6.95 G	6.91 G	6.92 S	6.93 SG	6.97 G	6.94 G	6.90 G	6.93 G	6.96 G	6.91 G	6.92 G
14	6.68 G	6.61 G	6.63 G	6.68 G	6.66 G	6.68 G	6.69 G	6.68 G	6.67 G	6.68 G	6.67 G
15	6.60 G	6.60 G	6.57 S	6.61 SG	6.58 SG	6.60 G	6.60 SG	6.61 G	6.62 G	6.61 G	6.63 G
16	6.45 G	6.44 G	6.39 G	6.45 G	6.46 G	6.57 S	6.55 S	6.60 S	6.57 SG	6.53 S	6.53 S
17	6.48 S	6.36 G	6.37 G	6.36 G	6.37 G	6.69 S	6.68 S	6.77 S	6.68 CS	6.67 S	6.66 S
18	6.55 S	6.37 G	6.34 G	6.34 SG	6.48 S	6.86 S	6.71 S	6.81 S	6.78 CS	6.77 S	6.82 S
19	6.69 S	6.39 S	6.39 S	6.44 S	6.56 S	6.98 S	6.95 S	6.90 S	6.89 SG	6.87 S	6.87 S
20	6.65 S	6.30 SG	6.39 S	6.55 S	6.63 S	7.06 S	6.95 S	6.92 S	6.93 SG	6.92 S	6.91 S
21	6.57 S	6.44 S	6.40 S	6.49 S	6.63 S	6.88 S	6.90 S	6.96 S	6.94 CS	6.93 S	6.92 S
22	6.58 S	6.46 S	6.43 S	6.43 S	6.42 S	6.55 S	6.46 S	6.59 S	6.48 CS	6.49 S	6.52 S
23	6.32 S	6.22 S	6.37 S	6.16 S	6.20 G	6.20 G	6.19 G	6.21 HB	6.24 G	6.19 G	6.19 G
24	6.23 S	6.23 S	6.25 S	6.19 G	6.24 HB	6.18 SG	6.15 HB	6.17 HB	6.14 G	6.15 HB	6.20 G
25	6.28 G	6.31 G	6.29 G	6.25 G	6.25 G	6.28 G	6.29 G	6.28 G	6.34 G	6.27 G	6.27 G
26	6.41 FG	6.41 HB	6.37 G	6.35 G	6.39 G	6.38 G	6.36 SG	6.38 G	6.40 G	6.38 SG	6.37 G
27	6.53 S	6.58 G	6.58 SG	6.55 G	6.55 S	6.60 S	6.58 S	6.59 S	6.60 CS	6.58 S	6.60 S
28	6.69 S	6.68 SG	6.64 G	6.66 S	6.65 S	6.66 S	6.65 S	6.66 FS	6.65 S	6.64 FS	6.64 M
29	7.27 S	7.19 S	7.27 BM	7.28 FS	7.25 BM	7.21 FS	7.20	7.20-	7.20-	7.20-	7.20-
30	7.86-	7.85 BM	7.85-	7.85-	7.85-	7.85-	7.85-	7.85-	7.85-	7.85-	7.85-
31	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-
32	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	11.7	10.3	10.5	12.1	12.0	12.0	12.0	12.2	12.3	12.3	12.1
BED ELEVATION	7.69	7.86	7.81	7.54	7.15	7.20	7.18	7.10	7.05	7.10	7.12
RIGHT EDGE WATER	29.5	30.1	29.7	29.2	29.1	29.3	29.0	28.8	28.8	28.9	28.8
BED ELEVATION	7.75	7.86	7.81	7.54	7.25	7.31	7.20	7.10	7.05	7.10	7.12

TABLE 26.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2194, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-15
TIME	1202	1001	825	1035	1100	1030	943	1450	1220	1040	
WATER SURFACE(1)	7.13	7.13	7.10	7.12	7.08	7.06	6.99	6.93	6.91	6.89	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
10	7.93-				7.93-		7.93-	7.93-	7.93-	7.93-	7.92
11	7.76-				7.76-		7.76-	7.76-	7.76-	7.76-	7.76
12	7.18-				7.18-		7.18-	7.18-	7.18-	7.18-	7.14
13	6.97 G				6.91 G		6.94 G	6.93 G	6.93-	6.93-	6.82
14	6.70 SG				6.69 G		6.69 G	6.68 G	6.66 G	6.68 G	6.56
15	6.62 S				6.61 G		6.63 G	6.59 SG	6.59 G	6.59 G	6.46
16	6.55 CS				6.56 S		6.55 S	6.54 S	6.53 S	6.58 S	6.38
17	6.65 S				6.66 S		6.66 CS	6.66 S	6.65 S	6.68 S	6.33
18	6.80 S				6.79 CS		6.79 CS	6.79 S	6.80 S	6.75 S	6.32
19	6.89 S				6.87 CS		6.87 CS	6.89 S	6.85 S	6.84 S	6.30
20	6.91 S				6.90 CS		6.91 CS	6.92 S	6.90 S	6.85 S	6.25
21	6.92 S				6.88 CS		6.91 CS	6.89 S	6.87 S	6.89 S	6.15
22	6.56 S				6.59 CS		6.54 CS	6.47 S	6.52 S	6.54 S	6.15
23	6.21 HB				6.18 HB		6.21 SG	6.19 G	6.20 S	6.21 S	6.16
24	6.16 G				6.19 HB		6.14 G	6.17 G	6.17 SG	6.17 SG	6.13
25	6.30 G				6.29 G		6.31 G	6.31 G	6.29 G	6.31 G	5.96
26	6.38 SG				6.39 G		6.39 SG	6.39 S	6.39 S	6.39 SG	5.86
27	6.60 S				6.57 S		6.59 G	6.58 S	6.65 S	6.64 M	6.00
28	6.65 FS				6.65 S		6.67 G	6.68 S	6.42 S	6.61 M	6.01
29	7.13 BM				7.13-		7.13-	7.13-	7.13-	7.13-	6.98
30	7.85-				7.85-		7.85-	7.85-	7.85-	7.85-	7.80
31	7.86-				7.86-		7.86-	7.86-	7.86-	7.86-	7.82
32	7.84-				7.84-		7.84-	7.84-	7.84-	7.84-	7.81

	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS					
LEFT EDGE WATER	12.1	12.3	12.9	13.0	13.2	13.1
BED ELEVATION	7.13	7.08	6.99	6.93	6.71	6.75
RIGHT EDGE WATER	29.0	28.9	28.7	28.6	28.7	28.7
BED ELEVATION	7.13	7.08	6.99	6.93	6.85	6.82
LEFT EDGE BAR						20.3
BED ELEVATION						6.89
RIGHT EDGE BAR						21.0
BED ELEVATION						6.89

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 2278, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1403	1244	1038	1004	1122	1007	1054	1155	1038	1055
WATER SURFACE(1)	7.73	8.05	8.10	8.09	8.09	8.21	8.18	7.98	7.63	7.41
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	7.96*	7.96-	8.04 BM	8.04 BM	8.01 BM	8.03 BM	8.05 BM	8.05-	8.05-	8.05-
1	8.04*	8.04-	8.09 BM	8.09 BM	8.08 BM	8.11 BM	8.10 BM	8.10-	8.10-	8.10-
2	7.51	8.00 BM	8.02 BM	8.01 BM	7.92 BM	7.30 BM	7.29 BM	7.41 BM	7.42 BM	7.38 BM
3	7.21	7.09 BM	7.12 M	6.96 G	6.91 G	6.86 G	7.06 BM	6.90 G	6.90 BM	6.90 SG
4	6.68	6.74 G	6.75 G	6.69 G	6.71 G	6.67 G	6.75 G	6.67 G	6.64 G	6.63 G
5	6.62	6.68 G	6.65 G	6.66 G	6.63 G	6.69 G	6.68 G	6.64 CG	6.63 G	6.64 G
6	6.65	6.70 G	6.67 G	6.69 G	6.63 G	6.6[illegible] G	6.68 G	6.66 CG	6.63 G	6.63 G
7	6.69	6.68 G	6.68 G	6.67 G	6.64 G	6.73 S	6.68 S	6.65 CG	6.63 G	6.64 G
8	6.71	6.70 S	6.70 S	6.76 CS	6.79 CS	6.73 S	6.73 S	6.69 G	6.67 FG	6.68 G
9	6.71	6.65 S	6.73 S	6.82 S	6.77 S	6.83 S	6.78 S	6.87 S	6.76 CS	6.76 G
10	6.65	6.80 S	6.79 S	6.87 S	6.83 S	6.81 S	6.84 S	6.88 S	6.85 S	6.84 CS
11	6.73	6.83 S	6.72 S	6.90 S	6.69 S	6.87 S	6.83 S	6.90 S	6.93 S	6.90 CS
12	7.03	6.65 S	6.86 S	6.86 S	6.78 S	6.81 S	6.58 S	6.86 S	6.95 S	6.95 S
13	7.08	6.75 S	6.76 S	6.90 S	6.74 S	6.71 S	6.66 S	6.88 S	6.93 S	6.93 S
14	7.05	6.72 S	6.82 S	6.88 S	6.78 S	6.54 S	6.53 S	6.72 S	6.78 S	6.96 S
15	6.95	6.85 S	6.90	.89 S	6.84 S	6.67 S	6.66 S	6.65 S	6.73 S	6.75 S
16	6.98	6.90 S	6.93	6.90 S	6.89 S	6.81 S	6.73 S	6.66 S	6.65 S	6.68 S
17	6.92	6.88 S	6.92 S	6.91 S	6.89 S	6.89 S	6.83 S	6.77 S	6.75 S	6.72 S
18	6.85	6.91 S	6.89 S	6.90 S	6.89 S	6.91 S	6.[illegible] S	6.88 S	6.84 S	6.86 S
19	6.75	6.83 S	6.89 S	6.86 S	6.86 S	6.91 S	6.88 S	6.93 S	6.91 S	6.91 S
20	6.77	6.70 S	6.73 S	6.81 S	6.77 S	6.84 S	6.83 M	6.88 S	6.83 S	6.84 S
21	6.73	6.80 S	6.73 S	6.77 S	6.73 FS	6.83 S	6.77 M	6.86 S	6.83 S	6.83 S
22	6.83	6.83 S	6.88 S	6.86 S	6.86 FS	6.87 S	6.93 M	6.92 S	6.91 S	6.90 S
23	7.21	7.05 S	7.10 S	7.14 S	7.09 FS	7.17 S	7.16 M	7.14 S	7.13 S	7.18 S
24	7.65	7.57 BM	7.60 BM	7.61 BM	7.57 BM	7.60 BM	7.65 BM	7.58 BM	7.62 BM	7.62-
25	7.67	7.66 BM	7.69 BM	7.67 BM	7.68 BM	7.69 BM	7.69 BM	7.68 BM	7.68-	7.68-
26	7.90*	7.92 BM	7.92 BM	7.94 BM	7.90 BM	7.84 BM	7.92 BM	7.94 BM	7.94-	7.94-
27	8.00*	7.95 BM	8.03 BM	8.04 BM	8.02 BM	8.05 BM	8.06 BM	8.06-	8.06-	8.06-
28	8.01*	7.95 BM	8.05 BM	8.06 BM	8.04 BM	8.07 BM	8.07 BM	8.07-	8.07-	8.07-
29	7.83*	7.87 BM	7.88 BM	7.88 BM	7.86 BM	7.89 BM	7.88 BM	7.88 BM	7.88-	7.88-
30	7.36*	7.54 BM	7.49 BM	7.54 BM	7.54 BM	7.50 BM	7.48 BM	7.60 BM	7.60-	7.60-
31	7.30*	7.35 BM	7.32 BM	7.31 BM	7.35 BM	7.35 BM	7.35 BM	7.37 BM	7.37-	7.37-
32	7.77*	7.82 BM	7.82 BM	7.78 BM	7.89 BM	7.84 BM	7.81 BM	7.80 BM	7.80-	7.80-
33	8.06*	8.06-	8.07 BM	8.09 BM	8.08 BM	8.10 BM	8.10 BM	8.10-	8.10-	8.10-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	2.0	1.9	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	1.6	1.7	1.9
BED ELEVATION	7.51	8.05						7.77	7.63	7.41
RIGHT EDGE WATER	25.2	32.8	>33.0	33.0	>33.0	>33.0	>33.0	32.7	24.1	23.5
BED ELEVATION	7.73	8.05		8.09				7.96	7.63	7.41
LEFT EDGE BAR								26.2		
BED ELEVATION								7.98		
RIGHT EDGE BAR								28.8		
BED ELEVATION								7.98		

TABLE 27.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2278, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1049	1046	1200	1019	1006	1028	1029	1110	1115	1042	1106
WATER SURFACE(1)	7.31	7.42	7.64	7.87	7.97	7.86	7.53	7.29	7.26	7.46	7.62
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-
1	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-
2	7.31 BM	7.31 BM	7.43 BM	7.45 M	7.52 M	7.45 S	7.46 BM	7.46-	7.46-	7.43 BM	7.47 BM
3	6.90 BM	6.97 BM	6.91 M	6.92 M	7.12 S	6.94 G	6.91 BM	6.89 BM	6.89 SG	6.90 BM	6.92 G
4	6.61 G	6.64 G	6.63 G	6.69 G	6.71 G	6.67 G	6.63 G	6.60 G	6.62 G	6.63 G	6.67 G
5	6.62 G	6.64 G	6.63 G	6.64 G	6.65 G	6.66 G	6.62 G	6.62 G	6.63 G	6.60 G	6.64 G
6	6.63 G	6.64 G	6.64 G	6.64 G	6.63 G	6.66 G	6.60 G	6.61 G	6.61 SG	6.62 G	6.62 G
7	6.63 G	6.64 G	6.65 G	6.59 G	6.64 G	6.66 G	6.62 G	6.64 G	6.62 SG	6.62 G	6.67 S
8	6.67 G	6.70 G	6.67 G	6.69 G	6.69 G	6.64 S	6.68 SG	6.67 G	6.66 SG	6.70 SG	6.67 G
9	6.74 FG	6.75 FG	6.72 SG	6.69 S	6.65 S	6.73 S	6.69 S	6.66 G	6.66 SG	6.64 SG	6.67 SG
10	6.81 FG	6.84 SG	6.76 CS	6.77 S	6.64 S	6.66 S	6.66 S	6.72 S	6.70 S	6.69 S	6.85 S
11	6.89 FG	6.87 CS	6.81 S	6.65 S	6.67 S	6.66 S	6.57 S	6.61 S	6.75 S	6.78 S	6.77 S
12	6.89 SG	6.91 CS	6.89 S	6.86 S	6.72 S	6.67 S	6.70 S	6.77 S	6.71 S	6.75 S	6.71 S
13	6.91 S	6.91 S	6.86 CS	6.79 S	6.72 S	6.68 S	6.73 S	6.77 S	6.73 S	6.82 S	6.76 S
14	6.93 S	6.94 S	6.94 CS	6.84 S	6.67 S	6.71 S	6.72 S	6.72 S	6.75 S	6.75 S	6.82 S
15	6.93 S	7.00 S	6.95 S	6.85 S	6.71 S	6.73 S	6.67 S	6.70 S	6.71 S	6.69 S	6.77 FS
16	6.63 S	6.77 S	6.86 S	6.81 S	6.79 S	6.74 S	6.75 S	6.75 S	6.72 S	6.73 S	6.73 FS
17	6.76 S	6.72 S	6.75 S	6.72 S	6.72 S	6.74 S	6.74 S	6.75 S	6.76 S	6.74 FS	6.73 FS
18	6.85 S	6.83 S	6.85 S	6.84 S	6.81 S	6.83 S	6.82 S	6.80 FS	6.77 S	6.80 FS	6.84 S
19	6.87 S	6.92 FS	6.91 S	6.91 S	6.91 S	6.90 S	6.88 S	6.90 FS	6.89 S	6.90 FS	6.90 FS
20	6.83 S	6.86 FS	6.83 S	6.86 S	6.87 S	6.84 M	6.83 S	6.83 FS	6.81 FS	6.84 FS	6.84 FS
21	6.86 S	6.84 M	6.83 S	6.90 S	6.84 S	6.83 M	6.83 S	6.84 M	6.81 FS	6.83 FS	6.84 FS
22	6.91 S	6.94 M	6.93 S	6.92 S	6.92 S	6.92 S	6.93 S	6.93 M	6.90 M	6.91 FS	6.91 FS
23	7.16 S	7.17 M	7.19 FS	7.14 S	7.14 S	7.21 S	7.17 FS	7.17 M	7.17 M	7.16 FS	7.20 M
24	7.62-	7.62-	7.62 BM	7.63 S	7.63 BM	7.64 BM	7.64-	7.64-	7.64-	7.64-	7.59 BM
25	7.68-	7.68-	7.68-	7.71	7.70 BM	7.68 BM	7.68-	7.68-	7.68-	7.68-	7.68-
26	7.94-	7.94-	7.94-	7.94-	7.92 BM	7.92-	7.92-	7.92-	7.92-	7.92-	7.92-
27	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-
28	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-
29	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-
30	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-
31	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-
32	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-
33	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.0	1.9	1.8	1.8	1.7	1.7	1.8	2.1	2.2	1.9	1.7
BED ELEVATION	7.31	7.42	7.64	7.71	7.97	7.68	7.53	7.29	7.26	7.46	7.62
RIGHT EDGE WATER	23.2	23.6	24.1	25.6	26.2	25.5	23.7	23.2	23.2	23.7	24.1
BED ELEVATION	7.31	7.42	7.64	7.87	7.97	7.86	7.53	7.29	7.26	7.46	7.62

TABLE 27.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2278, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1036	1130	1130	1128	1110	1038	1114	1150	1136	1055	1110
WATER SURFACE(1)	7.86	7.97	7.92	7.63	7.53	7.46	7.28	7.17	7.11	7.17	7.18
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-
1	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-
2	7.46 S	7.45 BM	7.41 BM	7.42 BM	7.41 BM	7.46 BM	7.46-	7.46-	7.46-	7.46-	7.46-
3	6.94 S	6.88 G	6.89 FG	6.90 G	6.90 FG	6.89 BM	6.87 G	6.87 G	6.88 G	6.87 SG	6.83 G
4	6.71 SG	6.91 G	6.70 FG	6.61 G	6.66 G	6.63 G	6.62 G	6.61 G	6.59 G	6.62 G	6.58 G
5	6.66 SG	6.62 G	6.61 FG	6.61 G	6.63 G	6.60 G	6.58 G	6.62 G	6.58 G	6.58 G	6.58 G
6	6.64 G	6.62 SG	6.60 G	6.62 G	6.62 G	6.62 G	6.59 G	6.60 G	6.62 G	6.58 G	6.61 G
7	6.65 S	6.65 SG	6.65 G	6.66 G	6.63 G	6.64 G	6.64 G	6.65 G	6.62 G	6.63 G	6.62 G
8	6.66 G	6.68 S	6.67 G	6.68 G	6.68 G	6.68 G	6.67 SG	6.68 G	6.67 G	6.66 SG	6.66 G
9	6.70 S	6.74 S	6.72 S	6.77 G	6.70 S	6.64 G	6.63 S	6.66 G	6.63 G	6.64 SG	6.62 SG
10	6.71 S	6.73 S	6.67 S	6.82 CS	6.84 S	6.77 S	6.71 S	6.71 SG	6.68 FG	6.70 CS	6.68 S
11	6.72 S	6.75 S	6.72 S	6.98 CS	6.83 S	6.83 S	6.78 S	6.85 S	6.81 SG	6.79 S	6.78 S
12	6.86 S	6.87 S	6.81 S	6.91 CS	6.93 S	6.89 S	6.81 S	6.89 S	6.87 S	6.87 S	6.87 S
13	6.94 S	6.85 S	6.70 S	6.88 S	6.90 S	7.02 S	6.94 S	6.94 S	6.91 S	6.91 S	6.89 S
14	6.79 S	6.79 S	6.61 S	6.98 S	7.00 S	6.98 S	6.96 S	6.99 S	7.00 S	6.98 S	6.97 S
15	6.73 S	6.84 S	6.78 S	7.00 S	7.11 S	7.04 S	7.03 S	7.05 S	7.06 S	7.03 S	6.99 S
16	6.74 S	6.76 S	6.81 S	6.83 S	7.12 S	7.08 S	7.08 S	7.10 S	7.10 S	7.12 S	7.08 S
17	6.69 S	6.76 S	6.80 S	6.83 FS	6.90 S	7.07 S	7.13 S	7.14 S	7.14-	7.05 S	7.11 S
18	6.77 S	6.78 S	6.81 S	6.78 FS	6.75 S	7.08 S	7.08 S	7.04 S	7.06 S	6.85 M	7.05 S
19	6.87 S	6.86 S	6.88 S	6.87 FS	6.88 S	6.82 S	6.87 S	6.88 M	6.86 S	6.86 M	6.84 S
20	6.83 S	6.85 S	6.83 S	6.82 FS	6.83 FS	6.81 S	6.83 FS	6.84 M	6.83 S	6.82 M	6.77 M
21	6.90 S	6.81 S	6.83 S	6.83 FS	6.84 FS	6.80 S	6.86 FS	6.83 M	6.81 S	6.83 M	6.82 M
22	6.94 S	6.89 S	6.94 S	6.95 M	6.94 FS	6.90 FS	6.93 FS	6.91 M	6.92 S	6.89 M	6.90 M
23	7.11 S	7.14 S	7.14 S	7.13 M	7.18 M	7.13 FS	7.17 FS	7.17 M	7.17-	7.17	7.15 M
24	7.58 BM	7.58 BM	7.65 BM	7.63 BM	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-	7.63-
25	7.78 BM	7.68 BM	7.68 BM	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-
26	7.92-	7.94 BM	7.92 BM	7.92-	7.92-	7.92-	7.92-	7.92-	7.92-	7.92-	7.92-
27	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-
28	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-
29	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-	7.88-
30	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-	7.60-
31	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-	7.37-
32	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-	7.80-
33	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-	8.10-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.6	1.8	1.6	1.6	1.8	2.0	2.1	2.3	2.3	2.3	2.5
BED ELEVATION	7.76	7.67	7.70	7.63	7.53	7.46	7.28	7.17	7.11	7.17	7.18
RIGHT EDGE WATER	25.5	26.3	26.0	24.0	23.7	23.5	23.2	23.0	22.8	23.0	23.1
BED ELEVATION	7.86	7.97	7.92	7.63	7.53	7.46	7.28	7.17	7.11	7.17	7.18
LEFT EDGE BAR									16.2		
BED ELEVATION									7.11		
RIGHT EDGE BAR									17.6		
BED ELEVATION									7.11		

TABLE 27.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2278, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1155	959	823	1032	1048	1025	933	1441	1212	1026	
WATER SURFACE(1)	7.20	7.20	7.17	7.18	7.14	7.11	7.04	6.96	6.95	6.90	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.05-				8.05-		8.05-	8.05-	8.05-	8.05-	7.96
1	8.10-				8.10-		8.10-	8.10-	8.10-	8.10-	8.04
2	7.46-				7.46-		7.46-	7.46-	7.46-	7.46-	7.29
3	6.88 G				6.83 G		6.84 G	6.80 S	6.81 SG	6.83 BM	6.80
4	6.65 CB				6.58 G		6.60 G	6.56 G	6.56 G	6.59 G	6.40
5	6.61 G				6.57 G		6.58 G	6.56 G	6.55 G	6.56 G	6.48
6	6.60 G				6.58 FG		6.58 G	6.56 B	6.56 G	6.57 SG	6.55
7	6.66 SG				6.62 SG		6.64 SG	6.61 G	6.60 G	6.62 SG	6.59
8	6.67 SG				6.66 SG		6.67 SG	6.64 B	6.65 G	6.67 SG	6.62
9	6.66 SG				6.64 SG		6.65 SG	6.63 S	6.63 SG	6.63 SG	6.53
10	6.68 SG				6.67 CS		6.66 G	6.65 S	6.66 SG	6.64 S	6.45
11	6.78 SG				6.73 CS		6.72 G	6.70 S	6.71 SG	6.71 S	6.35
12	6.87 S				6.82 CS		6.82 G	6.80 S	6.80 SG	6.81 S	6.35
13	6.90 S				6.94 S		6.94 S	6.91 S	6.91 SG	6.90 S	6.30
14	6.99 S				6.99 S		6.99 S	6.99-	6.99-	6.99-	6.32
15	7.04 S				7.05 S		7.05-	7.05-	7.05-	7.05-	6.33
16	7.11 S				7.10 S		7.10-	7.10-	7.10-	7.10-	6.31
17	7.12 S				7.12 S		7.12-	7.12-	7.12-	7.12-	6.34
18	7.08 S				7.04 FS		7.04-	7.04-	7.04-	7.04-	6.33
19	6.88 M				6.83 FS		6.84 S	6.84 S	6.84 SG	6.82 M	6.31
20	6.82 M				6.81 FS		6.81 S	6.81 S	6.80 M	6.81 M	6.26
21	6.84 M				6.79 FS		6.81 M	6.80 S	6.80 M	6.80 M	6.10
22	6.96 M				6.91 FS		6.92 M	6.91 M	6.94 M	6.94-	6.16
23	7.16 M				7.14 FS		7.14-	7.14-	7.14-	7.14-	6.69
24	7.63-				7.63-		7.63-	7.63-	7.63-	7.63-	7.57
25	7.68-				7.68-		7.68-	7.68-	7.68-	7.68-	7.66
26	7.92-				7.92-		7.92-	7.92-	7.92-	7.92-	7.84
27	8.06-				8.06-		8.06-	8.06-	8.06-	8.06-	7.95
28	8.07-				8.07-		8.07-	8.07-	8.07-	8.07-	7.95
29	7.88-				7.88-		7.88-	7.88-	7.88-	7.88-	7.83
30	7.60-				7.60-		7.60-	7.60-	7.60-	7.60-	7.36
31	7.37-				7.37-		7.37-	7.37-	7.37-	7.37-	7.30
32	7.80-				7.80-		7.80-	7.80-	7.80-	7.80-	7.77
33	8.10-				8.10-		8.10-	8.10-	8.10-	8.10-	8.06
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.3				2.3		2.4	2.8	2.7	2.8	
BED ELEVATION	7.20				7.14		7.04	6.90	6.95	6.90	
RIGHT EDGE WATER	23.1				23.0		22.5	22.2	22.1	21.8	
BED ELEVATION	7.20				7.14		7.04	6.96	6.95	6.90	
LEFT EDGE BAR							14.8	13.8	13.6	13.0	
BED ELEVATION							7.04	6.96	6.95	6.90	
RIGHT EDGE BAR							18.2	18.3	18.3	18.4	
BED ELEVATION							7.04	6.96	6.95	6.90	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\- 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 2356, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1345	1232	1030	950	1115	1000	1033	1145	1033	1050
WATER SURFACE(1)	7.79	8.11	8.15	8.14	8.16	8.26	8.21	8.03	7.67	7.44
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	8.04*	8.09 BM	8.06 BM	8.07 BM	8.07 S	8.06 SG	8.05 BM	8.05-	8.05-	8.05-
1	7.91*	7.95 S	7.94 BM	7.93 BM	7.95 S	7.94 SG	7.92 S	7.95 S	7.95-	7.95-
2	7.91*	7.96 S	7.94 S	7.94 BM	7.97 S	7.95 SG	7.93 S	7.95 S	7.95-	7.95-
3	7.93*	7.98 S	7.96 S	7.97 S	7.97 S	7.96 SG	7.95 S	7.98 S	7.98-	7.98-
4	7.91*	7.99 S	7.98 S	7.98 S	7.98 S	7.97 SG	7.97 S	8.03 S	8.03-	8.03-
5	7.82*	7.82 S	7.83 S	7.81 S	7.86 S	7.84 S	8.00 S	7.97 S	7.97-	7.97-
6	7.61	7.63 S	7.62 S	7.64 S	7.66 S	7.76 S	7.78 S	7.84 S	7.84-	7.84-
7	7.60	7.51 S	7.67 S	7.61 S	7.65 S	7.68 S	7.82 S	7.86 S	7.86-	7.86-
8	7.47	7.28 S	7.47 S	7.47 S	7.56 S	7.61 S	7.73 S	7.85 S	7.85-	7.85-
9	7.44	7.61 S	7.48 S	7.52 S	7.46 S	7.56 S	7.62 S	7.82 S	7.82-	7.82-
10	7.41	7.53 S	7.44 S	7.50 S	7.46 S	7.46 S	7.58 S	7.53 S	7.53-	7.53-
11	7.27	7.36 S	7.37 S	7.47 S	7.46 S	7.44 S	7.48 S	7.62 S	7.62-	7.62-
12	7.24	7.25 S	7.41 S	7.41 S	7.31 S	7.30 S	7.50 S	7.53 S	7.54 CS	7.54-
13	7.07	7.07 S	7.22 S	7.20 S	7.16 S	7.36 S	7.45 S	7.53 S	7.51 S	7.51-
14	6.97	7.00 S	7.14 S	7.00 S	7.16 S	7.13 S	7.32 S	7.43 S	7.41 S	7.41 S
15	7.01	6.86 S	6.94 S	6.89 S	7.06 S	6.90 S	6.97 S	7.23 S	7.29 CS	7.32 S
16	6.93	6.79 S	6.83 S	6.84 S	6.95 S	6.90 S	6.98 S	7.11 S	7.17 CS	7.14 S
17	6.77	6.77 S	6.69 S	6.72 S	6.80 S	6.74 S	6.86 S	6.83 CS	6.95 S	6.90 S
18	6.61	6.57 SG	6.57 G	6.59 G	6.59 G	6.57 FG	6.63 S	6.64 CS	6.71 S	6.82 S
19	6.68	6.49 G	6.49 G	6.49 G	6.49 G	6.50 G	6.49 G	6.49 G	6.51 CS	6.71 S
20	6.54	6.48 G	6.45 G	6.47 G	6.48 G	6.46 G	6.46 G	6.47 SG	6.47 G	6.47 G
21	6.47	6.46 G	6.45 G	6.43 G	6.45 G	6.44 G	6.43 G	6.48 SG	6.47 G	6.47 G
22	6.51	6.49 G	6.50 G	6.47 G	6.51 G	6.52 G	6.49 G	6.52 SG	6.54 G	6.53 G
23	6.58	6.59 G	6.60 G	6.53 G	6.59 G	6.60 G	6.60 G	6.64 SG	6.64 G	6.65 G
24	6.61	6.64 G	6.64 G	6.61 G	6.64 G	6.61 SG	6.62 G	6.63 SG	6.63 G	6.62 G
25	7.17	7.21 BM	7.21 BM	7.00 M	7.25 BM	6.95 BM	7.00 BM	7.13 S	7.27 BM	7.23 BM
26	8.06*	8.08 BM	8.07 BM	8.09 BM	8.10 BM	8.07 BM	8.06 BM	8.06-	8.06-	8.06-
27	8.04*	8.11 BM	8.10 BM	8.10 BM	8.10 BM	8.09 BM	8.07 BM	8.07-	8.07-	8.07-
28	7.98*	8.03 BM	8.03 BM	8.01 BM	8.02 BM	8.03 BM	8.00 BM	8.00-	8.00-	8.00-
29	8.01*	8.10 BM	8.04 BM	8.04 BM	8.05 BM	8.05 BM	8.03 BM	8.03-	8.03-	8.03-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	5.3	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	0.1	11.3	13.2
BED ELEVATION	7.79							8.03	7.67	7.44
RIGHT EDGE WATER	25.8	>29.0	>29.0	>29.0	>29.0	>29.0	>29.0	25.9	25.8	25.8
BED ELEVATION	7.79							7.30	7.21	7.19
LEFT EDGE BAR								3.5		
BED ELEVATION								8.03		
RIGHT EDGE BAR								4.3		
BED ELEVATION								8.03		

TABLE 28.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2356, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1042	1040	1207	1016	959	1020	1020	1103	1105	1036	1100
WATER SURFACE(1)	7.33	7.45	7.70	7.93	8.02	7.91	7.57	7.31	7.28	7.50	7.67
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-
1	7.95-	7.95-	7.95-	7.95-	7.94 BM	7.94-	7.94-	7.94-	7.94-	7.94-	7.94-
2	7.95-	7.95-	7.95-	7.95-	7.96 BM	7.96-	7.96-	7.96-	7.96-	7.96-	7.96-
3	7.98-	7.98-	7.98-	7.98-	7.98 BM	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-
4	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-
5	7.97-	7.97-	7.97-	7.97-	7.95 S	7.95-	7.95-	7.95-	7.95-	7.95-	7.95-
6	7.84-	7.84-	7.84-	7.87 S	7.76 S	7.68 S	7.68-	7.68-	7.68-	7.68-	7.63 S
7	7.86-	7.86-	7.86-	7.78 S	7.65 S	7.66 S	7.66-	7.66-	7.66-	7.66-	7.62 S
8	7.85-	7.85-	7.85-	7.77 S	7.70 S	7.58 S	7.58-	7.58-	7.58-	7.58-	7.64 S
9	7.82-	7.82-	7.82-	7.72 S	7.66 S	7.59 S	7.59-	7.59-	7.59-	7.59-	7.65 S
10	7.53-	7.53-	7.53-	7.68 S	7.50 S	7.69 S	7.57 S	7.57-	7.57-	7.57-	7.57 S
11	7.62-	7.62-	7.62-	7.56 S	7.55 S	7.62 S	7.56 S	7.56-	7.56-	7.56-	7.56 S
12	7.54-	7.54-	7.61 S	7.45 S	7.50 S	7.47 S	7.54 S	7.54-	7.54-	7.54-	7.49 S
13	7.51-	7.51-	7.47 S	7.46 S	7.49 S	7.44 S	7.43 S	7.43-	7.43-	7.42 S	7.31 SG
14	7.41-	7.40 S	7.38 S	7.29 S	7.39 S	7.41 S	7.36 S	7.31 S	7.31-	7.39 S	7.37 SG
15	7.30 S	7.33 S	7.34 S	7.26 S	7.15 S	7.21 S	7.29 S	7.21 S	7.21 S	7.18 S	7.15 S
16	7.00 S	7.13 S	7.12 S	7.02 S	6.99 S	6.96 S	7.09 S	7.05 S	7.03 S	7.08 S	6.92 S
17	6.91 S	6.82 S	6.87 S	6.78 SG	6.83 S	6.91 SG	6.86 S	6.88 S	6.84 S	6.94 S	6.85 S
18	6.74 S	6.83 S	6.76 S	6.68 SG	6.61 CS	6.62 FG	6.66 SG	6.74 S	6.70 S	6.72 S	6.68 SG
19	6.62 S	6.70 S	6.67 S	6.50 G	6.49 G	6.51 G	6.50 CG	6.56 S	6.62 S	6.66 S	6.53 FG
20	6.46 G	6.50 SG	6.50 S	6.46 G	6.46 G	6.48 G	6.47 CG	6.44 G	6.46 SG	6.46 G	6.47 CG
21	6.45 G	6.46 G	6.46 G	6.47 G	6.46 G	6.45 G	6.47 CG	6.44 G	6.44 G	6.45 G	6.47 CG
22	6.53 G	6.56 G	6.51 G	6.53 G	6.52 G	6.51 G	6.54 G	6.49 G	6.50 G	6.53 G	6.54 CG
23	6.62 G	6.64 G	6.61 G	6.63 G	6.63 G	6.53 G	6.64 G	6.63 G	6.63 G	6.64 G	6.66 G
24	6.60 G	6.63 G	6.60 G	6.63 SG	6.61 G	6.62 G	6.61 G	6.61 G	6.62 G	6.62 G	6.62 G
25	7.24 BM	7.24 BM	7.00 FS	7.12 M	7.08 BM	7.21 BM	7.35 BM	7.30 BM	7.12 BM	7.20 BM	7.18 BM
26	8.06-	8.06-	8.06-	7.76 BM	7.76 BM	7.75 BM	7.75-	7.75-	7.75-	7.75-	7.75-
27	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-
28	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-
29	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	14.9	13.2	11.3	5.1	0.3	5.2	10.0	14.0	14.4	12.3	5.8
BED ELEVATION	7.33	7.45	7.70	7.93	8.02	7.91	7.57	7.31	7.28	7.50	7.67
RIGHT EDGE WATER	25.6	25.6	26.4	26.6	26.4	26.4	25.6	25.5	25.5	25.7	25.9
BED ELEVATION	7.32	7.33	7.67	7.76	7.67	7.66	7.57	7.30	7.28	7.50	7.67
LEFT EDGE BAR					3.5						
BED ELEVATION					8.02						
RIGHT EDGE BAR					4.3						
BED ELEVATION					8.02						

TABLE 28.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2356, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1032	1123	1140	1130	1105	1027	1100	1205	1130	1042	1103
WATER SURFACE(1)	7.91	8.02	7.96	7.66	7.57	7.49	7.31	7.19	7.13	7.20	7.21
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-
1	7.94-	7.93 S	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-
2	7.96-	7.94 S	7.94-	7.94-	7.94-	7.94-	7.94-	7.94-	7.94-	7.94-	7.94-
3	7.98-	7.98 S	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-
4	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-
5	7.95-	7.92 S	7.93 S	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-
6	7.63 S	7.62 S	7.60 S	7.59 S	7.59-	7.59-	7.59-	7.59-	7.59-	7.59-	7.59-
7	7.62 S	7.51 S	7.55 S	7.54 S	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-
8	7.62 S	7.51 S	7.56 S	7.51 S	7.55 FS	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-
9	7.42 S	7.44 S	7.42 S	7.48 S	7.52 S	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-
10	7.51 S	7.57 S	7.36 S	7.43 S	7.46 S	7.45 S	7.45-	7.45-	7.45-	7.45-	7.45-
11	7.39 S	7.46 S	7.34 S	7.36 S	7.44 S	7.38 S	7.38-	7.38-	7.38-	7.38-	7.38-
12	7.43 S	7.34 SG	7.28 S	7.28 S	7.34 S	7.32 S	7.31 S	7.31-	7.31-	7.31-	7.31-
13	7.21 S	7.24 SG	7.29 S	7.29 S	7.23 S	7.24 S	7.22 S	7.22-	7.22-	7.22-	7.21 S
14	7.24 S	7.19 SG	7.18 S	7.09 S	7.12 S	7.18 S	7.15 S	7.12 FS	7.12 S	7.14 S	7.14 S
15	7.15 S	7.00 SG	6.96 S	7.14 S	7.07 S	7.01 S	7.09 S	7.05 S	7.05 S	7.08 S	7.06 S
16	6.95 S	6.81 SG	6.78 CS	6.91 S	6.95 S	6.96 S	6.99 S	6.97 S	6.94 S	6.97 S	6.98 S
17	6.79 S	6.65 SG	6.61 SG	6.66 S	6.79 S	6.66 FG	6.88 S	6.83 S	6.82 S	6.82 S	6.87 S
18	6.64 S	6.59 SG	6.58 G	6.59 CS	6.64 S	6.67 S	6.76 S	6.69 S	6.73 S	6.72 S	6.71 S
19	6.50 G	6.47 G	6.46 G	6.48 S	6.47 G	6.62 S	6.63 S	6.59 CS	6.63 S	6.60 S	6.68 S
20	6.48 G	6.46 G	6.44 G	6.45 S	6.47 G	6.48 G	6.47 G	6.45 G	6.46 G	6.48 G	6.47 S
21	6.46 G	6.45 G	6.44 G	6.43 SG	6.47 G	6.47 G	6.45 G	6.44 G	6.44 G	6.45 G	6.45 G
22	6.51 G	6.51 G	6.50 G	6.50 S	6.53 G	6.50 G	6.52 G	6.49 G	6.53 G	6.53 G	6.52 G
23	6.62 G	6.61 G	6.60 G	6.61 SG	6.65 S	6.63 G	6.63 G	6.61 G	6.62 G	6.62 G	6.64 G
24	6.59 G	6.60 G	6.59 G	6.60 SG	6.62 G	6.61 G	6.61 G	6.60 G	6.61 G	6.61 G	6.59 G
25	7.21 BM	7.12 BM	7.13 BM	7.26 M	7.25 BM	7.26 BM	7.19 BM	7.19-	7.13	7.20	7.20-
26	7.75 BM	7.75 BM	7.61 BM	7.64 M	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-
27	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-
28	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-
29	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-
	DISTANCFS(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	5.1	0.2	4.9	5.7	7.3	9.2	12.0	13.2	13.9	13.2	13.0
BED ELEVATION	7.91	8.02	7.96	7.66	7.57	7.49	7.31	7.19	7.13	7.20	7.21
RIGHT EDGE WATER	26.4	26.4	26.3	26.4	25.6	25.7	25.5	24.9	25.0	25.0	24.9
BED ELEVATION	7.68	7.72	7.61	7.66	7.57	7.49	7.30	7.19	7.13	7.20	7.18
LEFT EDGF BAR		3.6									
BED ELEVATION		8.02									
RIGHT EDGE BAR		4.6									
BED ELEVATION		8.02									

TABLE 28.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2356, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1148	951	917	1020	1055	1015	929	1434	1205	1010	
WATER SURFACE(1)	7.23	7.23	7.20	7.22	7.18	7.15	7.06	6.99	6.97	6.92	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.05-	8.04
1	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.91
2	7.94-	7.94-	7.94-	7.94-	7.94-	7.94-	7.94-	7.94-	7.94-	7.94-	7.91
3	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.93
4	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	7.91
5	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.81
6	7.59-	7.59-	7.59-	7.59-	7.59-	7.59-	7.59-	7.59-	7.59-	7.59-	6.09
7	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	7.54-	6.08
8	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	7.55-	6.27
9	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	7.52-	6.38
10	7.45-	7.45-	7.45-	7.45-	7.45-	7.45-	7.45-	7.45-	7.45-	7.45-	6.82
11	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	7.38-	6.23
12	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	7.31-	6.02
13	7.22 S	7.22 S	7.22-	7.22 S	7.22-	7.22-	7.22-	7.22-	7.22-	7.22-	6.25
14	7.14 S	7.13 S	7.14 S	7.12 S	7.09 S	7.12 S	7.12-	7.12-	7.12-	7.12-	6.10
15	7.07 S	7.03 S	7.06 S	7.04 S	6.99 S	7.00 S	6.98 S	6.98 S	6.98-	6.98-	6.19
16	7.00 S	6.98 S	7.04 S	6.98 S	6.91 S	6.96 S	6.94 S	6.94 S	6.96 S	6.96-	5.99
17	6.90 S	6.82 S	6.81 S	6.89 S	6.83 S	6.83 S	6.85 S	6.85 S	6.84 S	6.92 S	6.53
18	6.79 S	6.70 S	6.71 S	6.77 S	6.81 S	6.73 S	6.79 S	6.84 S	6.82 S	6.72 S	6.53
19	6.65 S	6.58 S	6.62 S	6.64 S	6.70 S	6.66 S	6.66 S	6.65 S	6.65 S	6.63 S	6.46
20	6.49 CS	6.47 G	6.61 S	6.59 S	6.58 S	6.53 CS	6.51 S	6.49 S	6.49 S	6.58 S	6.42
21	6.45 G	6.45 G	6.50 S	6.59 S	6.49 S	6.46 SG	6.46 SG	6.45 G	6.46 G	6.55 S	6.43
22	6.51 G	6.52 G	6.51 G	6.53 G	6.49 G	6.53 G	6.52 G	6.54 G	6.53 G	6.53 G	6.47
23	6.63 G	6.63 G	6.65 G	6.63 G	6.63 G	6.64 G	6.64 G	6.64 G	6.63 G	6.63 G	6.44
24	6.62 G	6.61 G	6.62 G	6.62 G	6.60 G	6.63 G	6.63 G	6.60 G	6.58 G	6.60 G	6.48
25	7.23 BM	7.23 BM	7.23-	7.22 BM	7.22-	7.15 BM	7.15-	7.15-	7.15-	7.15-	6.92
26	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.64-	7.61
27	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.07-	8.04
28	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	8.00-	7.98
29	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.01

DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS

LEFT EDGE WATER	12.7	12.8	13.2	13.0	13.3	13.5	14.5	14.9	15.7	17.0
BED ELEVATION	7.23	7.23	7.20	7.22	7.18	7.15	7.06	6.99	6.97	6.92
RIGHT EDGE WATER	25.0	25.0	24.9	25.0	24.8	25.0	24.9	24.7	24.6	24.6
BED ELEVATION	7.23	7.23	7.20	7.22	6.96	7.15	7.06	6.63	6.63	6.64

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 2422, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1315	1143	1022	947	1055	953	1021	1134	1020	1040
WATER SURFACE(1)	7.80	8.12	8.17	8.16	8.17	8.27	8.24	8.07	7.70	7.48
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	8.17+	8.17+	8.17+	8.17+	8.17+	8.17 BM	8.18 BM	8.18-	8.18-	8.18-
1	8.17+	8.17+	8.17+	8.17+	8.17+	8.17 BM	8.18 BM	8.18-	8.18-	8.18-
2	8.16+	8.16+	8.16 BM	8.15 BM	8.15 BM	8.15 BM	8.14 BM	8.14-	8.14-	8.14-
3	7.61	7.64 BM	7.69 BM	7.81 BM	7.73 BM	7.67 M	7.69 M	7.78 BM	7.70	7.70-
4	6.94	6.87 SG	6.91 G	6.91 SG	6.87 SG	6.89 M	6.86 S	7.02 S	6.87 BM	6.87 S
5	6.75	6.77 S	6.74 S	6.82 S	6.78 SG	6.81 S	6.76 S	6.85 S	6.79 S	6.78 S
6	6.65	6.69 S	6.71 S	6.78 S	6.76 S	6.77 S	6.78 S	6.77 S	6.74 S	6.73 S
7	6.67	6.67 S	6.77 S	6.77 S	6.81 S	6.81 S	6.84 S	6.94 SG	6.78 SG	6.76 S
8	6.66	6.72 S	6.85 S	6.73 S	6.85 S	6.91 S	6.89 S	6.98 CS	6.88 S	6.82 S
9	6.67	6.72 S	6.86 S	6.88 S	6.84 S	6.87 S	6.94 S	6.96 S	6.87 CS	6.83 SG
10	6.60	6.74 S	6.81 S	6.93 S	6.89 S	6.87 S	7.04 S	6.92 S	6.82 FG	6.81 FG
11	6.56	6.80 S	6.89 S	6.98 S	6.87 S	6.90 S	7.03 S	6.75 S	6.72 SG	6.74 FG
12	6.53	6.72 S	6.81 S	6.92 S	6.79 S	6.91 S	6.99 S	6.66 SG	6.60 SG	6.61 FG
13	6.31	6.64 S	6.68 S	6.91 S	6.84 S	6.88 S	6.73 S	6.53 CS	6.46 SG	6.45 FG
14	6.32	6.59 S	6.67 S	6.76 CS	6.78 S	6.84 S	6.74 S	6.47 FG	6.42 SG	6.44 FG
15	6.45	6.43 S	6.62 S	6.73 S	6.79 S	6.81 S	6.57 S	6.45 SG	6.45 SG	6.46 FG
16	6.48	6.37 S	6.55 S	6.69 CS	6.76 S	6.77 S	6.64 S	6.36 SG	6.36 SG	6.37 FG
17	6.30	6.27 S	6.52 S	6.44 FG	6.64 S	6.75 S	6.61 S	6.30 SG	6.32 SG	6.34 FG
18	6.22	6.18 S	6.44 S	6.48 G	6.53 CS	6.54 SG	6.59 S	6.32 CS	6.34 SG	6.35 FG
19	6.40	6.32 S	6.42 S	6.56 G	6.56 CS	6.49 CS	6.58 CS	6.42 FG	6.39 SG	6.45 G
20	6.60	6.58 FG	6.52 G	6.59 G	6.65 FG	6.57 SG	6.62 FG	6.66 FG	6.65 FG	6.67 G
21	6.68	6.68 FG	6.63 S	6.66 SG	6.66 S	6.68 SG	6.73 FG	6.73 CS	6.72 FG	6.76 G
22	6.80	6.76 FG	6.70 S	6.76 S	6.78 S	6.80 S	6.82 FG	6.86 S	6.84 SG	6.86 SG
23	6.97	6.80 S	6.80 S	6.94 S	6.91 S	6.92 S	6.93 S	6.97 S	6.95 M	6.97 S
24	7.38	7.32 M	7.31 S	7.29 BM	7.29 BM	7.29 BM	7.31 BM	7.36 BM	7.33 BM	7.32 BM
25	7.80	7.80 BM	7.84 BM	7.81 BM	7.79 BM	7.83 BM	7.78 BM	7.82 BM	7.82-	7.82-
26	8.05*	8.06 BM	8.07 BM	8.07 BM	8.06 BM	8.05 BM	8.04 BM	8.04-	8.04-	8.04-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	2.7	2.2	1.9	1.9	1.6	< 0.0	< 0.0	2.5	3.0	3.4
BED ELEVATION	7.80	8.12	8.17	8.16	8.17			8.07	7.70	7.48
RIGHT EDGE WATER	25.0	>26.0	>26.0	>26.0	>26.0	>26.0	>26.0	25.5	24.7	24.3
BED ELEVATION	7.80							8.07	7.70	7.46

TABLE 29.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2422, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1035	1044	1153	1009	950	1020	1018	1100	1100	1030	1100
WATER SURFACE(1)	7.37	7.49	7.73	7.95	8.04	7.93	7.59	7.34	7.31	7.52	7.69
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-
1	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-
2	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-
3	7.70-	7.70-	7.68 BM	7.75 BM	7.69 BM	7.74 M	7.74-	7.74-	7.74-	7.74-	7.66 BM
4	6.97 G	7.02 BM	6.90 SG	6.89 SG	6.87 G	6.89 S	6.99 BM	6.89 BM	6.96 BM	6.89 FS	6.87 FG
5	6.76 S	6.77 SG	6.76 G	6.75 SG	6.74 S	6.76 S	6.77 SG	6.76 G	6.76 SG	6.75 G	6.74 FG
6	6.76 S	6.74 S	6.70 SG	6.70 SG	6.74 S	6.78 S	6.72 S	6.69 SG	6.68 SG	6.68 G	6.67 G
7	6.77 S	6.74 SG	6.75 SG	6.71 SG	6.74 S	6.69 S	6.72 S	6.73 S	6.71 S	6.70 S	6.69 S
8	6.77 S	6.75 SG	6.74 SG	6.67 S	6.73 S	6.68 S	6.68 S	6.74 S	6.72 S	6.70 S	6.77 S
9	6.81 S	6.78 SG	6.79 SG	6.63 SG	6.63 G	6.63 S	6.72 S	6.74 S	6.72 S	6.79 S	6.64 S
10	6.42 SG	6.84 SG	6.80 SG	6.65 SG	6.65 SG	6.61 SG	6.68 S	6.69 S	6.76 S	6.80 S	6.61 SG
11	6.73 FG	6.72 FG	6.74 CS	6.59 SG	6.59 FG	6.58 S	6.60 S	6.65 S	6.71 S	6.76 S	6.66 CS
12	6.59 FG	6.61 FG	6.62 FG	6.51 S	6.47 SG	6.44 S	6.47 S	6.53 S	6.56 S	6.62 SG	6.49 CS
13	6.50 FG	6.45 CS	6.44 FG	6.50 S	6.28 SG	6.28 SG	6.29 SG	6.29 SG	6.28 SG	6.37 SG	6.29 CS
14	6.42 FG	6.42 CS	6.43 FG	6.40 S	6.18 SG	6.18 SG	6.16 SG	6.14 SG	6.14 SG	6.10 G	6.17 S
15	6.46 FG	6.44 CS	6.47 FG	6.40 SG	6.12 CS	6.04 SG	6.03 SG	5.99 SG	6.00 SG	6.01 G	6.03 SG
16	6.38 FG	6.36 CS	6.37 FG	6.42 S	6.24 CS	6.05 SG	5.97 SG	6.01 G	6.00 SG	6.01 G	5.99 SG
17	6.31 FG	6.33 SG	6.33 FG	6.33 S	6.37 CS	6.28 SG	6.14 S	6.17 SG	6.20 S	6.22 G	6.21 S
18	6.33 FG	6.33 SG	6.33 SG	6.32 S	6.32 CS	6.38 SG	6.39 S	6.37 S	6.37 S	6.39 FG	6.39 S
19	6.41 FG	6.42 FG	6.39 SG	6.39 S	6.44 CS	6.42 S	6.39 S	6.40 S	6.41 S	6.41 FG	6.41 S
20	6.62 SG	6.64 G	6.63 G	6.60 G	6.64 FG	6.64 S	6.63 S	6.62 SG	6.64 SG	6.64 FG	6.64 CS
21	6.72 SG	6.73 SG	6.74 G	6.70 SG	6.73 SG	6.72 S	6.73 S	6.72 SG	6.73 SG	6.75 FG	6.71 CS
22	6.85 S	6.84 SG	6.85 SG	6.82 S	6.83 SG	6.83 S	6.86 S	6.86 S	6.85 FS	6.84 SG	6.84 CS
23	6.95 S	6.97 S	6.95 S	6.99 S	6.94 BM	6.95 S	6.99 FS	6.96 S	6.99 CS	6.96 FS	6.92 CS
24	7.37 BM	7.33 BM	7.38 M	7.36 BM	7.32 BM	7.45 BM	7.39 BM	7.34 FS	7.34-	7.34 BM	7.36 BM
25	7.82-	7.82-	7.82-	7.85 BM	7.82 BM	7.86 BM	7.86-	7.86-	7.86-	7.86-	7.86-
26	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.5	3.5	2.9	2.6	2.6	2.8	3.3	3.5	3.5	3.3	2.8
BED ELEVATION	7.37	7.49	7.73	7.95	8.04	7.93	7.59	7.21	7.31	7.52	7.69
RIGHT EDGE WATER	24.0	24.4	24.7	25.2	25.3	25.1	24.5	24.0	23.8	24.4	24.8
BED ELEVATION	7.37	7.49	7.73	7.95	8.04	7.93	7.59	7.34	7.31	7.52	7.69

TABLE 29.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2422, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1025	1130	1122	1120	1056	1020	1052	1155	1124	1032	1055
WATER SURFACE(1)	7.92	8.03	7.97	7.68	7.59	7.51	7.33	7.22	7.16	7.22	7.24
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-
1	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-
2	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-
3	7.75 BM	7.63 BM	7.67 BM	7.66 BM	7.66-	7.66-	7.66-	7.66-	7.66-	7.66-	7.66-
4	6.87 CS	6.88 G	6.87 G	6.88 BM	6.89 G	6.91 FG	6.91 BM	6.92 BM	6.85 G	6.84 S	6.90 BM
5	6.74 S	6.73 G	6.75 G	6.75 G	6.77 FG	6.76 G	6.75 G	6.75 G	6.74 G	6.74 SG	6.76 S
6	6.68 S	6.68 G	6.75 SG	6.69 G	6.69 G	6.71 S	6.71 S	6.74 S	6.79 S	6.77 S	6.74 S
7	6.65 S	6.67 SG	6.74 S	6.68 G	6.69 S	6.73 S	6.84 S	6.81 S	6.86 S	6.77 S	6.77 S
8	6.66 S	6.66 S	6.69 S	6.69 FS	6.69 S	6.78 S	6.83 S	6.73 S	6.85 S	6.70 S	6.78 S
9	6.63 S	6.78 S	6.77 S	6.74 FS	6.75 S	6.79 S	6.82 S	6.92 S	6.88 S	6.79 S	6.71 S
10	6.62 S	6.65 S	6.67 S	6.64 FS	6.65 S	6.75 S	6.83 S	6.84 S	6.86 S	6.73 S	6.81 SG
11	6.53 S	6.58 CS	6.57 G	6.59 G	6.60 SG	6.69 S	6.77 S	6.84 S	6.84 S	6.81 S	6.81 SG
12	6.42 CS	6.41 G	6.47 SG	6.48 G	6.49 S	6.57 S	6.68 S	6.82 S	6.87 S	6.87 S	6.85 SG
13	6.25 CS	6.24 G	6.27 FG	6.26 G	6.29 S	6.38 S	6.45 S	6.64 S	6.82 S	6.83 S	6.81 SG
14	6.17 CS	6.06 G	6.07 FG	6.09 CS	6.10 SG	6.11 S	6.20 CS	6.24 S	6.26 S	6.38 S	6.44 SG
15	6.01 CS	5.99 G	6.01 FG	6.01 FG	6.03 G	6.00 FG	6.01 G	6.00 SG	5.98 G	6.00 G	6.00 G
16	6.05 S	6.02 G	6.02 FG	6.00 FG	6.02 FG	6.00 FG	5.99 G	5.99 G	5.98 G	6.00 G	6.00 G
17	6.13 S	6.03 SG	6.17 SG	6.10 FG	6.16 SG	6.12 S	6.13 SG	6.14 G	6.21 FG	6.14 SG	6.14 FG
18	6.36 S	6.37 SG	6.38 SG	6.38 CS	6.39 SG	6.41 S	6.37 SG	6.37 G	6.39 FG	6.36 SG	6.37 FG
19	6.39 S	6.41 SG	6.43 FG	6.40 CS	6.42 SG	6.41 S	6.43 SG	6.42 G	6.42 FG	6.41 SG	6.43 FG
20	6.62 CS	6.61 G	6.66 FG	6.60 CS	6.68 SG	6.63 FG	6.66 FG	6.56 G	6.66 FG	6.64 SG	6.64 SG
21	6.72 CS	6.73 G	6.75 FG	6.73 FG	6.73 SG	6.77 FG	6.76 FG	6.75 G	6.75 FG	6.74 SG	6.72 M
22	6.82 S	6.83 G	6.81 SG	6.86 S	6.86 S	6.86 S	6.86 SG	6.86 FS	6.85 FG	6.85 S	6.84 M
23	6.97 S	6.95 G	6.95 S	6.94 M	6.98 FS	6.98 FS	6.92 M	6.96 M	6.94 FG	6.94 BM	6.97 M
24	7.33 BM	7.31 BM	7.33 BM	7.33 M	7.35 FS	7.34 BM	7.34-	7.34-	7.34-	7.34-	7.34-
25	7.81 BM	7.83 BM	7.81 BM	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-	7.81-
26	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.7	2.5	2.6	2.9	3.2	3.3	3.4	3.6	3.4	3.6	3.6
BED ELEVATION	7.92	8.03	7.97	7.68	7.58	7.51	7.30	7.22	7.16	7.03	7.24
RIGHT EDGE WATER	25.2	25.3	25.2	24.7	24.5	24.5	23.9	23.8	23.6	23.6	23.8
BED ELEVATION	7.92	8.03	7.97	7.68	7.59	7.51	7.33	7.22	7.16	7.22	7.24

TABLE 29.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2422, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 8	5-20
TIME	1140	943	911	1012	1047	1012	920	1425	1158	955	
WATER SURFACE(1)	7.26	7.26	7.22	7.24	7.20	7.17	7.09	7.03	7.02	6.97	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.18-	8.18-	8.18-	8.18-	8.18-		8.18-	8.18-	8.18-	8.18-	8.17
1	8.18-	8.18-	8.18-	8.18-	8.18-		8.18-	8.18-	8.18-	8.18-	8.17
2	8.14-	8.14-	8.14-	8.14-	8.14-		8.14-	8.14-	8.14-	8.14-	8.14
3	7.66-	7.66-	7.66-	7.66-	7.66-		7.66-	7.66-	7.66-	7.66-	7.61
4	6.90 BM	6.87 M	6.85 M	6.93 M	6.99 BM		6.88 FS	6.88 M	6.91 BM	6.92 BM	6.83
5	6.76 S	6.75 M	6.74 G	6.76 SG	6.75 SG		6.76 SG	6.75 SG	6.74 S	6.78 S	6.64
6	6.70 G	6.70 G	6.68 G	6.70 SG	6.68 G		6.69 G	6.68 G	6.68 SG	6.73 S	6.31
7	6.68 SG	6.67 G	6.67 G	6.67 SG	6.66 G		6.68 SG	6.68 SG	6.67 SG	6.70 S	6.18
8	6.73 S	6.67 SG	6.66 G	6.67 S	6.67 S		6.68 S	6.66 S	6.65 SG	6.72 S	5.94
9	6.78 S	6.76 SG	6.74 FG	6.74 S	6.75 SG		6.76 S	6.74 S	6.74 S	6.76 S	6.17
10	6.77 SG	6.77 S	6.79 FG	6.80 S	6.79 SG		6.80 S	6.81 S	6.83 S	6.84 S	5.88
11	6.79 SG	6.78 S	6.79 FG	6.79 S	6.79 SG		6.80 CS	6.83 S	6.84 S	6.84 S	6.08
12	6.84 SG	6.82 S	6.81 FG	6.79 S	6.81 SG		6.84 CS	6.82 S	6.82 S	6.91 S	6.03
13	6.83 CS	6.81 S	6.81 FG	6.80 S	6.80 SG		6.79 FG	6.81 S	6.80 SG	6.91 S	5.85
14	6.43 CS	6.39 S	6.44 FG	6.42 S	6.44 S		6.48 S	6.50 S	6.53 SG	6.92 S	5.54
15	6.01 G	6.01 G	6.00 G	5.99 FG	5.97 FG		5.99 S	6.03 SG	6.04 SG	6.71 S	5.97
16	6.01 G	5.97 FG	5.99 G	6.00 S	5.99 FG		5.99 G	5.96 S	6.00 SG	6.16 S	5.96
17	6.14 SG	6.15 FG	6.12 SG	6.12 S	6.12 FG		6.12 SG	6.07 S	6.11 SG	6.07 S	5.94
18	6.38 SG	6.36 SG	6.35 S	6.37 S	6.35 S		6.37 SG	6.33 S	6.36 SG	6.36 S	5.99
19	6.43 SG	6.41 SG	6.41 S	6.41 S	6.40 S		6.40 SG	6.38 S	6.42 SG	6.42 FS	5.97
20	6.64 SG	6.65 SG	6.63 S	6.65 S	6.65 SG		6.65 SG	6.61 S	6.66 SG	6.60 FS	6.20
21	6.74 M	6.75 SG	6.74 S	6.72 S	6.73 SG		6.71 SG	6.70 S	6.73 SG	6.70 FS	6.30
22	6.85 M	6.85 SG	6.84 S	6.84 S	6.83 SG		6.84 M	6.83 S	6.82 SG	6.82 FS	6.42
23	6.94 M	6.94 M	6.93 BM	6.96 M	6.94 BM		6.97 M	6.93 BM	6.93 BM	6.93 BM	5.95
24	7.34-	7.34-	7.34-	7.34-	7.34-		7.34-	7.34-	7.34-	7.34-	7.29
25	7.81-	7.81-	7.81-	7.81-	7.81-		7.81-	7.81-	7.81-	7.81-	7.78
26	8.04-	8.04-	8.04-	8.04-	8.04-		8.04-	8.04-	8.04-	8.04-	8.04
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.5	3.5	3.5	3.5	3.7		3.6	3.8	3.8	3.9	
BED ELEVATION	7.26	7.03	7.03	7.21	7.03		7.09	7.03	7.02	6.97	
RIGHT EDGE WATER	23.8	23.7	23.6	23.7	23.8		23.5	23.5	23.5	23.3	
BED ELEVATION	7.26	7.26	7.22	7.24	7.20		7.09	7.03	7.02	6.97	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 2S10, EAST FORK RIVER, WYOMING, 1979

DATE	5-14	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1030	1035	1127	1018	938	1050	950	1014	1130	1015	1042
WATER SURFACE(1)	7.14	7.90	8.22	8.25	8.25	8.26	8.37	8.32	8.11	7.74	7.50
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.28*BM	8.28-	8.28-	8.28-	8.28-	8.28-	8.33 BM	8.32	8.32-	8.32-	8.32-
1	8.20*BM	8.20-	8.20-	8.25 BM	8.25 BM	8.25 BM	8.25 BM	8.24 BM	8.24-	8.24-	8.24-
2	8.04*BM	8.04-	8.08 BM	8.10 BM	8.08 S	8.07 BM	8.09 BM	8.09 BM	8.08 BM	8.08-	8.08-
3	7.94* S	7.94-	7.94 S	7.93 S	7.91 S	7.91 S	7.93 S	7.93 S	7.93 S	7.93-	7.93-
4	7.93* S	7.93-	7.94 S	7.95 S	7.90 S	7.90 S	7.95 S	8.02 S	8.06 S	8.06-	8.06-
5	7.79* S	7.89	7.91 S	7.93 S	7.90 S	7.93 S	7.87 S	7.95 S	7.92 S	7.92-	7.92-
6	7.64* S	7.79	7.91 S	7.91 S	7.92 S	7.86 S	7.80 S	7.74 S	7.73 S	7.64 S	7.64-
7	7.56* S	7.60	7.95 S	7.90 S	7.77 S	7.56 S	7.70 S	7.57 S	7.58 S	7.59 S	7.59-
8	7.45* S	7.65	7.86 S	7.90 S	7.60 S	7.53 S	7.49 S	7.50 S	7.51 S	7.51 S	7.48 S
9	7.36* S	7.68	7.78 S	7.84 S	7.52 S	7.44 S	7.45 S	7.33 S	7.38 S	7.41 S	7.35 S
10	7.32* S	7.65	7.77 S	7.60 S	7.58 S	7.48 S	7.23 S	7.15 S	7.20 S	7.19 S	7.15 S
11	7.27* S	7.41	7.59 S	7.41 S	7.51 S	7.46 S	7.05 G	6.91 G	6.96 SG	6.94 FG	6.90 S
12	7.15* S	7.32	7.47 S	7.23 S	7.36 S	7.22 S	6.76 G	6.71 G	6.68 G	6.75 S	6.72 S
13	7.08 S	7.18	7.16 S	7.27 S	7.13 S	7.25 S	6.65 G	6.63 G	6.63 HB	6.62 G	6.64 S
14	7.02 S	7.05	7.04 S	6.97 S	7.03 S	7.05 CS	6.61 G	6.65 G	6.63 G	6.62 G	6.60 G
15	6.95 S	6.80	6.82 S	6.82 S	6.91 G	6.84 G	6.64 G	6.65 G	6.66 G	6.69 FG	6.65 G
16	6.93 S	6.81	6.87 S	6.75 SG	6.72 G	6.68 HB	6.69 G	6.69 G	6.69 CG	6.69 G	6.68 G
17	6.84 S	6.70	6.78 SG	6.64 G	6.68 G	6.68 HB	6.65 G	6.70 G	6.69 CG	6.68 G	6.68 G
18	6.84 S	6.70	6.64 G	6.62 G	6.62 G	6.65 G	6.65 G	6.66 G	6.62 HB	6.63 G	6.63 G
19	6.74 S	6.70	6.65 G	6.62 G	6.66 G	6.67 G	6.65 G	6.66 G	6.65 HB	6.64 G	6.67 G
20	6.73 S	6.69	6.69 G	6.62 G	6.63 G	6.67 G	6.63 G	6.64 G	6.69 G	6.69 G	6.65 G
21	6.67 SG	6.70	6.72 G	6.67 G	6.65 G	6.70 G	6.66 G	6.70 G	6.69	6.71 G	6.67 G
22	6.74 G	6.70	6.72 G	6.70 G	6.71 G	6.73 G	6.72 G	6.72 G	6.72 G	6.71 G	6.70 G
23	6.69 G	6.68	6.71 G	6.68 G	6.70 G	6.72 G	6.74 G	6.74 G	6.69 HB	6.64 G	6.67 G
24	7.56*BM	7.61	7.54 BM	7.48 BM	7.49 BM	7.50 BM	7.48 BM	7.54 BM	7.48 BM	7.61 BM	7.61-
25	7.79*BM	7.82	7.80 BM	7.78 BM	7.77 BM	7.83 BM	7.76 BM	7.80 BM	7.81 BM	7.81-	7.81-
26	7.95*BM	7.95-	7.98 BM	7.93 BM	7.97 BM	7.97 BM	7.92 BM	7.97 BM	7.96 BM	7.96-	7.96-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	12.2	4.8	1.1	1.0	1.0	0.9	< 0.0	0.0	1.7	5.9	7.9
BED ELEVATION	7.14	7.90	8.22	8.25	8.25	8.26		8.32	8.11	7.74	7.50
RIGHT EDGE WATER	23.5	25.5	27.1	27.2	27.1	27.2	27.2	27.4	26.9	24.6	23.9
BED ELEVATION	6.67	7.90	8.22	8.25	8.25	8.26	8.37	8.32	8.11	7.74	7.50

TABLE 30.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2510, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1025	1030	1157	950	955	1015	1006	1100	1050	1035	1050
WATER SURFACE(1)	7.40	7.51	7.75	7.98	8.09	7.98	7.63	7.38	7.36	7.55	7.73
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-
1	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-
2	8.08-	8.08-	8.08-	8.08-	8.08 BM	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-
3	7.93-	7.93-	7.93-	7.93 FS	7.95 S	7.95 M	7.95-	7.95-	7.95-	7.95-	7.95-
4	8.06-	8.06-	8.06-	7.98 FS	8.04 S	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-
5	7.92-	7.92-	7.92-	7.93 FS	7.94 S	7.92 S	7.92-	7.92-	7.92-	7.92-	7.92-
6	7.64-	7.64-	7.70 S	7.74 S	7.74 S	7.74 S	7.74-	7.74-	7.74-	7.74-	7.72 S
7	7.59-	7.59-	7.56 S	7.58 S	7.63 S	7.65 S	7.62 S	7.62-	7.62-	7.62-	7.65 S
8	7.48-	7.48 S	7.48 S	7.51 S	7.57 S	7.53 S	7.51 S	7.51-	7.51-	7.50 S	7.53 S
9	7.35 S	7.33 S	7.34 S	7.43 S	7.46 S	7.40 S	7.36 S	7.36 S	7.35 S	7.33 S	7.35 FS
10	7.14 S	7.14 S	7.15 S	7.20 S	7.17 S	7.15 S	7.25 S	7.24 S	7.25 S	7.22 S	7.33 S
11	6.93 S	6.96 S	6.92 S	6.98 S	7.17 S	7.21 S	7.13 S	7.13 S	7.14 S	7.13 S	7.18 S
12	6.72 S	6.73 S	6.75 S	6.72 G	6.93 S	7.18 S	6.98 S	6.90 S	6.91 S	6.90 S	7.02 S
13	6.63 S	6.64 S	6.69 S	6.87 S	6.77 S	7.00 S	6.81 S	6.86 S	6.85 S	6.80 S	7.06 S
14	6.62 S	6.62 G	6.60 HB	6.70 S	6.67 S	6.99 S	6.81 S	6.88 S	6.89 S	6.87 S	6.93 S
15	6.65 G	6.66 G	6.64 HB	6.66 G	6.67 S	6.85 S	6.78 SG	6.81 S	6.81 S	6.80 S	6.78 G
16	6.66 G	6.66 G	6.66 G	6.68 G	6.69 G	6.70 G	6.66 G	6.66 G	6.67 SG	6.68 G	6.70 G
17	6.64 G	6.65 G	6.64 G	6.68 G	6.67 G	6.64 G	6.66 CG	6.65 G	6.66 G	6.65 G	6.68 G
18	6.55 SG	6.57 G	6.65 G	6.59 G	6.67 G	6.69 G	6.58 G	6.56 G	6.59 HB	6.61 G	6.68 G
19	6.64 G	6.62 G	6.61 G	6.67 G	6.65 G	6.76 G	6.64 G	6.64 G	6.63 G	6.62 G	6.64 G
20	6.68 SG	6.66 G	6.61 G	6.66 SG	6.63 HB	6.68 G	6.68 G	6.67 G	6.66 G	6.62 G	6.67 G
21	6.69 G	6.69 G	6.65 G	6.66 G	6.67 G	6.69 SG	6.68 G	6.66 G	6.66 G	6.63 G	6.70 G
22	6.70 G	6.71 G	6.68 G	6.71 G	6.72 G	6.70 G	6.71 G	6.70 G	6.71 G	6.68 G	6.71 G
23	6.64 G	6.65 G	6.66 G	6.63 G	6.69 G	6.70 G	6.66 G	6.66 G	6.68 G	6.65 G	6.67 G
24	7.61-	7.51 BM	7.49 BM	7.47 BM	7.49 BM	7.51 BM	7.61 BM	7.61-	7.61-	7.61-	7.53 BM
25	7.81-	7.81-	7.81-	7.84 BM	7.79 BM	7.83 BM	7.83-	7.83-	7.83-	7.83-	7.83-
26	7.96-	7.96-	7.96-	7.95 BM	7.97 BM	7.98 BM	7.98-	7.98-	7.98-	7.98-	7.98-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	8.6	7.7	5.8	2.6	1.8	2.6	6.6	8.7	8.9	7.8	5.9
BED ELEVATION	7.40	7.51	7.75	7.98	8.09	7.98	7.63	7.38	7.36	7.55	7.73
RIGHT EDGE WATER	23.8	24.0	24.6	26.3	26.6	26.0	24.1	23.7	23.5	23.9	24.6
BED ELEVATION	7.40	7.51	7.15	7.98	8.09	7.98	7.63	7.38	7.31	7.55	7.73
LEFT EDGE BAR						3.3					
BED ELEVATION						7.98					
RIGHT EDGE BAR						4.7					
BED ELEVATION						7.98					

TABLE 30.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2510, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1025	1110	1115	1115	1055	1015	1047	1145	1120	1037	1046
WATER SURFACE(1)	7.97	8.09	8.03	7.74	7.64	7.56	7.38	7.27	7.21	7.27	7.28
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.32-
1	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.24-
2	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-
3	7.94	7.99 S	7.97 S	7.97-	7.97-	7.97-	7.97-	7.97-	7.97-	7.97-	7.97-
4	8.04-	8.07 S	8.03 S	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-
5	7.93 S	7.98 S	7.93 S	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-
6	7.74 S	7.75 S	7.84 S	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	7.84-
7	7.66 S	7.67 S	7.83 S	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-
8	7.54 S	7.81 S	7.78 S	7.78-	7.78-	7.78-	7.78-	7.78-	7.78-	7.78-	7.78-
9	7.47 S	7.74 S	7.62 S	7.74	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	7.74-
10	7.23 S	7.39 SG	7.44 S	7.43 CS	7.40 SG	7.40 FG	7.40-	7.40-	7.40-	7.40-	7.40-
11	7.27 S	7.48 S	7.39 S	7.33 S	7.17 SG	7.22 S	7.18 S	7.17 S	7.17 S	7.16 S	7.16 S
12	7.23 S	7.35 S	7.28 S	7.28 S	7.24 S	7.21 S	7.19 S	7.19 S	7.19 FG	7.16 S	7.18 SG
13	7.03 S	7.10 S	7.10 S	7.15 S	7.14 S	7.07 S	7.05 S	7.06 SG	7.06 FG	7.07 S	7.07 SG
14	6.67 S	6.93 S	6.94 S	7.01 S	6.99 S	6.96 S	6.95 CS	6.95 SG	7.04 FG	6.94 S	6.95 SG
15	6.76 S	6.81 S	6.90 S	6.92 S	6.93 S	6.88 S	6.84 SG	6.85 SG	6.82 FG	6.82 S	6.86 SG
16	6.73 SG	6.77 SG	6.76 S	6.81 S	6.84 S	6.82 S	6.78 SG	6.79 SG	6.78 FG	6.75 S	6.78 SG
17	6.66 G	6.69 G	6.68 G	6.69 G	6.66 G	6.68 G	6.66 G	6.66 G	6.67 G	6.66 CS	6.65 SG
18	6.65 G	6.66 G	6.67 G	6.64 G	6.65 G	6.61 G	6.57 CG	6.60 G	6.58 HB	6.57 G	6.57 HB
19	6.66 G	6.65 CG	6.65 G	6.63 G	6.67 G	6.63 G	6.65 CG	6.64 G	6.66 G	6.62 G	6.67 G
20	6.66 G	6.69 CG	6.64 G	6.65 G	6.65 G	6.67 G	6.68 CG	6.68 CG	6.70 G	6.64 G	6.67 G
21	6.67 G	6.69 CG	6.67 G	6.67 G	6.69 G	6.68 G	6.69 CG	6.68 CG	6.68 G	6.67 G	6.68 G
22	6.73 G	6.70 CG	6.72 G	6.71 G	6.72 G	6.70 G	6.69 CG	6.74 CG	6.69 G	6.69 G	6.75 G
23	6.72 G	6.69 CG	6.69 G	6.68 G	6.73 G	6.66 G	6.65 CG	6.62	6.67 G	6.65 G	6.64 G
24	7.57 BM	7.55 BM	7.51 BM	7.58 BM	7.59 BM	7.56 BM	7.56-	7.56-	7.56-	7.56-	7.56-
25	7.82 BM	7.84 BM	7.82 BM	7.82-	7.82-	7.82-	7.82-	7.82-	7.82-	7.82-	7.82-
26	7.95 BM	7.96 BM	7.98 BM	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.5	2.1	2.2	9.0	9.2	9.5	10.1	10.6	10.8	10.6	10.6
BED ELEVATION	7.97	8.09	8.03	7.74	7.64	7.56	7.38	7.27	7.21	7.27	7.28
RIGHT EDGE WATER	26.2	26.7	26.6	24.6	24.2	24.0	23.7	23.6	23.6	23.5	23.5
BED ELEVATION	7.97	8.09	8.03	7.74	7.64	7.56	7.38	6.60	6.62	6.60	6.60
LEFT EDGE BAR	3.2										
BED ELEVATION	7.97										
RIGHT EDGE BAR	4.8										
BED ELEVATION	7.97										

TABLE 30.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2510, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 7	5-14
TIME	1133	937	906	1010	1041	1008	915	1410	1150	1545	
WATER SURFACE(1)	7.30	7.30	7.27	7.28	7.25	7.21	7.13	7.07	7.05	6.99	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.32-	8.32-			8.32-	8.32-	8.32-	8.32-	8.32-	8.32-	8.28
1	8.24-	8.24-			8.24-	8.24-	8.24-	8.24-	8.24-	8.24-	8.20
2	8.08-	8.08-			8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.04
3	7.97-	7.97-			7.97-	7.97-	7.97-	7.97-	7.97-	7.97-	6.74
4	8.03-	8.03-			8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	7.01
5	7.93-	7.93-			7.93-	7.93-	7.93-	7.93-	7.93-	7.93-	6.87
6	7.84-	7.84-			7.84-	7.84-	7.84-	7.84-	7.84-	7.84-	6.66
7	7.83-	7.83-			7.83-	7.83-	7.83-	7.83-	7.83-	7.83-	6.33
8	7.78-	7.78-			7.78-	7.78-	7.78-	7.78-	7.78-	7.78-	6.55
9	7.74-	7.74-			7.74-	7.74-	7.74-	7.74-	7.74-	7.74-	6.41
10	7.40-	7.40-			7.40-	7.40-	7.40-	7.40-	7.40-	7.40-	6.82
11	7.18 S	7.19 S			7.17 CS	7.18 SG	7.18-	7.18-	7.18-	7.18-	6.78
12	7.18 SG	7.18 S			7.18 CS	7.18 SG	7.18-	7.18-	7.18-	7.18-	6.58
13	7.08 SG	7.06 S			7.07 CS	7.08 SG	7.06 CS	7.07 S	7.05 S	7.05-	6.56
14	6.97 SG	6.93 S			6.94 CS	6.93 SG	6.93 S	6.93 S	6.93 S	6.92 S	6.60
15	6.87 SG	6.85 S			6.84 CS	6.83 SG	6.82 S	6.81 S	6.81 S	6.83 S	6.64
16	6.78 SG	6.78 S			6.79 SG	6.78 S	6.76 S	6.77 S	6.75 S	6.81 S	6.59
17	6.68 SG	6.68 S			6.65 SG	6.68 S	6.65 S	6.65 S	6.64 S	6.77 S	6.52
18	6.63 SG	6.60 G			6.57 HB	6.57 G	6.55 HB	6.56 G	6.57 S	6.69 S	6.55
19	6.64 CG	6.63 G			6.66 G	6.66 G	6.63 G	6.64 G	6.62 G	6.73 S	6.58
20	6.68 CG	6.68 G			6.70 G	6.68 G	6.68 G	6.67 G	6.65 G	6.70 S	6.61
21	6.66 CG	6.68 G			6.71 G	6.68 G	6.66 G	6.67 G	6.67 G	6.68 SG	6.63
22	6.70 CG	6.70 G			6.72 G	6.70 G	6.71 G	6.70 G	6.68 G	6.69 SG	6.68
23	6.67 CG	6.65 G			6.65 G	6.66 G	6.63 G	6.63 G	6.63 G	6.64 SG	6.62
24	7.56-	7.56-			7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.47
25	7.82-	7.82-			7.82-	7.82-	7.82-	7.82-	7.82-	7.82-	7.76
26	7.98-	7.98-			7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.92
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	10.4	10.5			10.7	10.8	12.4	13.0	13.0	13.1	
BED ELEVATION	7.30	7.30			7.25	7.21	7.13	7.07	7.05	6.99	
RIGHT EDGE WATER	23.5	23.5			23.5	23.5	23.6	23.6	23.4	23.6	
BED ELEVATION	6.66	6.67			6.64	6.62	6.62	6.62	6.64	6.63	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\- 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 2608, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1045	1111	1015	936	1035	1004	1002	1115	1001	1017
WATER SURFACE(1)	7.92	8.24	8.29	8.27	8.28	8.41	8.36	8.14	7.77	7.54
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	8.19*	8.23 BM	8.24 BM	8.23 BM	8.25 BM	8.24 BM	8.26 BM	8.26-	8.26-	8.26-
1	8.24*	8.23 BM	8.24 BM	8.24 BM	8.24 BM	8.28 BM	8.26 BM	8.26-	8.26-	8.26-
2	7.66	7.67 M	7.60 M	7.62 BM	7.65 BM	7.73 BM	7.54 BM	7.52 SG	7.53 BM	7.54
3	7.13	7.19 SG	7.14 S	7.16 M	7.15 SG	7.37 BM	7.11 S	7.12 FG	7.22 BM	7.19 G
4	6.92	6.92 SG	6.90 G	6.91 G	6.89 G	6.92 S	6.90 G	6.93 G	6.95 G	6.93 G
5	6.87	6.84 G	6.85 G	6.85 G	6.84 G	6.84 G	6.86 G	6.84 G	6.88 G	6.86 G
6	6.74	6.74 G	6.72 G	6.75 G	6.75 G	6.76 G	6.76 G	6.74 G	6.76 G	6.74 G
7	6.65	6.68 G	6.67 G	6.67 G	6.67 G	6.68 G	6.66 G	6.65 G	6.69 G	6.68 G
8	6.54	6.56 G	6.54 G	6.60 G	6.57 G	6.57 G	6.56 G	6.56 CG	6.57 G	6.57 G
9	6.57	6.49 G	6.49 G	6.50 G	6.49 G	6.49 G	6.53 G	6.51 CG	6.52 G	6.53 G
10	6.80	6.57 G	6.65 G	6.54 G	6.59 G	6.56 G	6.63 G	6.62 CG	6.60 G	6.62 G
11	7.00	6.70 G	6.69 G	6.66 G	6.68 G	6.67 G	6.73 G	6.62 G	6.76 SG	6.73 G
12	7.04	6.80 G	6.80 G	6.74 G	6.81 G	6.78 G	6.86 G	6.82 G	6.87 SG	6.84 G
13	7.02	6.92 G	6.92 G	6.87 G	6.91 G	6.89 G	6.93 G	6.92 G	6.95 G	6.96 G
14	7.22	6.94 SG	7.05 G	7.03 G	7.05 FG	7.02 G	7.06 G	7.05 G	7.07 G	7.09 G
15	7.44	7.20 S	7.20 SG	7.23 G	7.25 CS	7.15 G	7.19 SG	7.27 G	7.27 G	7.31 S
16	7.47	7.34 S	7.40 S	7.36 G	7.38 S	7.36 S	7.37 S	7.45 S	7.44 SG	7.44 S
17	7.53	7.54 S	7.56 S	7.62 BM	7.65 FS	7.61 M	7.66 S	7.71 S	7.70 S	7.70-
18	7.72	7.69 S	7.81 S	7.70 BM	7.75 FS	7.74 M	7.78 S	7.83 S	7.83-	7.83-
19	7.92	7.91 BM	7.80 S	7.65 BM	7.87 BM	7.66 M	7.88 BM	7.94 BM	7.94-	7.94-
20	8.10*	8.10 BM	8.10 BM	8.10 BM	8.10 BM	8.11 M	8.10 BM	8.11 BM	8.11-	8.11-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	1.7	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	1.5	1.6	2.0
BED ELEVATION	7.73							7.72	7.68	7.54
RIGHT EDGE WATER	19.0	>20.0	>20.0	>20.0	>20.0	>20.0	>20.0	>20.0	17.2	16.4
BED ELEVATION	7.92								7.77	7.54

TABLE 31.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2608, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1020	1027	1144	940	945	1000	1008	1044	1040	1022	1050
WATER SURFACE(1)	7.43	7.56	7.78	7.99	8.11	8.00	7.67	7.44	7.41	7.60	7.77
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-
1	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-
2	7.54-	7.56 BM	7.52 BM	7.55 M	7.50 BM	7.52 M	7.57 BM	7.57-	7.57-	7.56 FS	7.58 M
3	6.98 SG	7.15 SG	7.18 SG	7.16 SG	7.10 G	7.15 SG	7.17 SG	7.19 SG	7.20 SG	7.18 G	7.30 BM
4	6.93 SG	6.94 G	6.91 G	6.90 G	6.91 G	6.90 SG	6.92 SG	6.95 G	6.95 G	6.92 G	6.91 SG
5	6.90 G	6.86 G	6.85 G	6.83 G	6.83 G	6.86 G	6.86 SG	6.87 G	6.86 G	6.87 G	6.87 G
6	6.75 G	6.74 G	6.73 G	6.72 G	6.75 G	6.74 G	6.75 G	6.77 G	6.76 G	6.75 G	6.75 G
7	6.68 G	6.69 G	6.69 SG	6.66 G	6.66 G	6.67 G	6.69 G	6.71 G	6.70 G	6.72 G	6.67 G
8	6.57 G	6.56 G	6.58 G	6.54 G	6.56 G	6.54 G	6.55 G	6.59 G	6.57 G	6.55 G	6.55 G
9	6.51 SG	6.52 G	6.55 G	6.49 G	6.65 S	6.51 G	6.52 G	6.52 G	6.51 G	6.52 G	6.52 G
10	6.61 SG	6.62 G	6.63 G	6.61 G	6.63 G	6.58 SG	6.59 G	6.61 SG	6.60 SG	6.58 G	6.67 SG
11	6.71 SG	6.73 SG	6.79 S	6.70 S	6.72 G	6.84 S	6.69 G	6.71 SG	6.69 G	6.70 G	6.71 S
12	6.83 SG	6.84 SG	6.86 SG	6.86 SG	6.95 S	6.98 S	6.84 SG	6.86 SG	6.84 G	6.85 FG	6.83 S
13	6.93 G	6.96 G	6.94 SG	7.01 S	6.98 S	7.10 SG	6.93 SG	6.91 SG	6.94 G	6.96 G	6.92 S
14	7.06 G	7.10 G	7.13 S	7.23 S	7.38 S	7.26 SG	7.06 SG	7.08 G	7.07 G	7.08 G	7.08 S
15	7.28 S	7.32 S	7.34 S	7.34 S	7.49 S	7.27 SG	7.25 SG	7.29 SG	7.29 G	7.25 SG	7.25 S
16	7.44-	7.46 S	7.48 S	7.49 S	7.60 S	7.37 SG	7.37 S	7.44	7.44-	7.42 S	7.39 S
17	7.70-	7.70-	7.66 S	7.57 S	7.58 S	7.66 S	7.66-	7.66-	7.66-	7.66-	7.67 S
18	7.83-	7.83-	7.83-	7.81 S	7.80 S	7.77 S	7.77-	7.77-	7.77-	7.77-	7.75 S
19	7.94-	7.94-	7.94-	7.94 M	7.92 BM	7.95 S	7.95-	7.95-	7.95-	7.95-	7.95-
20	8.11-	8.11-	8.11-	8.11-	8.11 BM	8.11-	8.11-	8.11-	8.11-	8.11-	8.11-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.4	2.0	1.6	1.6	1.6	1.7	1.8	2.3	2.4	1.9	1.5
BED ELEVATION	7.43	7.56	7.73	7.70	7.70	7.72	7.62	7.44	7.37	7.60	7.77
RIGHT EDGE WATER	15.9	16.6	18.9	19.2	20.0	19.6	16.8	16.0	15.9	16.7	18.2
BED ELEVATION	7.43	7.56	7.76	7.99	8.11	8.00	7.67	7.44	7.41	7.60	7.77
LEFT EDGE BAR			17.4								
BED ELEVATION			7.78								
RIGHT EDGE BAR			18.5								
BED ELEVATION			7.78								

TABLE 31.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2608, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1015	1115	1115	1116	1050	1020	1050	1132	1112	1030	1050
WATER SURFACE(1)	7.98	8.12	8.07	7.78	7.68	7.61	7.44	7.33	7.27	7.33	7.34
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-
1	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-
2	7.55 FS	7.54 BM	7.53 BM	7.58 M	7.55 M	7.56 BM	7.56-	7.56-	7.56-	7.56-	7.56-
3	7.10 S	7.14 BM	7.12 SG	7.20 M	7.08 G	7.09 G	7.16 SG	7.10 SG	7.09 G	7.11 SG	7.09 G
4	6.88 FG	6.86 G	6.89 G	6.92 G	6.92 G	6.91 G	6.92 G	6.93 G	6.93 G	6.93 G	6.90 G
5	6.83 G	6.82 G	6.85 G	6.85 G	6.80 G	6.85 G	6.87 G	6.89 G	6.87 G	6.83 G	6.86 G
6	6.73 G	6.70 G	6.73 G	6.73 G	6.73 G	6.75 G	6.74 G	6.76 G	6.77 G	6.76 G	6.74 G
7	6.68 G	6.66 G	6.67 G	6.68 G	6.67 G	6.67 G	6.68 G	6.71 G	6.71 G	6.70 G	6.69 G
8	6.53 G	6.48 G	6.55 G	6.54 G	6.55 G	6.55 G	6.57 G	6.60 G	6.58 G	6.58 G	6.55 G
9	6.63 S	6.50 G	6.55 SG	6.52 G	6.52 G	6.53 G	6.52 G	6.54 G	6.54 G	6.55 G	6.51 G
10	6.64 S	6.77 S	6.62 S	6.59 G	6.59 G	6.59 G	6.61 SG	6.61 SG	6.62 FG	6.61 SG	6.61 SG
11	6.73 S	6.78 G	6.87 S	6.69 SG	6.70 G	6.69 G	6.73 S	6.74 SG	6.73 FG	6.73 G	6.71 SG
12	6.95 S	6.96 S	6.95 SG	6.83 CS	6.82 SG	6.82 G	6.84 SG	6.86 S	6.85 SG	6.84 G	6.84 SG
13	6.97 S	7.19 S	7.16 S	6.93 SG	6.94 S	6.95 G	6.95 SG	6.97 S	6.97 SG	6.97 G	6.96 SG
14	7.13 S	7.31 S	7.19 FG	7.04 SG	7.05 SG	7.06 G	7.08 SG	7.10 SG	7.08 SG	7.10 G	7.08 SG
15	7.38 S	7.42 S	7.27 FG	7.22 SG	7.23 SG	7.24 G	7.28 SG	7.30 SG	7.26 G	7.28 G	7.27 G
16	7.47 S	7.64 S	7.37 FG	7.37 S	7.38 S	7.44 CS	7.44-	7.44-	7.44-	7.44-	7.44-
17	7.60 S	7.57 S	7.68 S	7.67 S	7.68 S	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-
18	7.74 S	7.71 S	7.72 S	7.70 S	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-
19	7.80 S	7.92 BM	7.98 BM	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-
20	8.11-	8.11 BM	8.11-	8.11-	8.11-	8.11-	8.11-	8.11-	8.11-	8.11-	8.11-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.5	1.6	1.5	1.6	1.9	1.9	2.3	2.4	2.6	2.4	2.3
BED ELEVATION	7.75	8.12	7.74	7.73	7.68	7.61	7.33	7.33	7.27	7.33	7.34
RIGHT EDGE WATER	19.1	20.0	19.9	18.3	17.0	16.6	15.8	15.3	15.1	15.4	15.4
BED ELEVATION	7.98	8.11	8.07	7.78	7.68	7.61	7.44	7.33	7.27	7.33	7.34

TABLE 31.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2608, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 7	5-20
TIME	1130	930	903	1000	1036	955	909	1402	1141	1515	
WATER SURFACE(1)	7.36	7.36	7.33	7.34	7.31	7.28	7.20	7.14	7.12	7.04	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.19
1	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.23
2	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.56-	7.04
3	7.23 BM	7.09 G	7.09 G	7.11 FG	7.10 S	7.09 SG	7.09 SG	7.11 S	7.12 S	7.12-	6.98
4	6.93 G	6.92 G	6.94 G	6.92 FG	6.92 G	6.94 G	6.94 G	6.94 G	6.93 G	6.95 G	6.86
5	6.87 G	6.86 G	6.87 G	6.88 FG	6.85 G	6.87 G	6.87 G	6.84 G	6.83 G	6.82 G	6.80
6	6.76 G	6.76 G	6.76 G	6.78 FG	6.75 G	6.77 G	6.78 G	6.77 FG	6.76 G	6.78 G	6.70
7	6.71 G	6.70 G	6.73 G	6.71 SG	6.71 G	6.73 G	6.72 SG	6.72 S	6.71 S	6.72 G	6.65
8	6.56 G	6.57 G	6.61 G	6.58 SG	6.60 G	6.65 S	6.68 S	6.67 S	6.65 S	6.65 S	6.48
9	6.54 G	6.53 G	6.53 G	6.54 SG	6.53 G	6.69 S	6.70 S	6.82 S	6.78 S	6.72 S	6.47
10	6.63 SG	6.63 G	6.62 G	6.61 SG	6.65 S	6.82 S	6.81 S	6.84 S	6.86 S	6.82 S	6.54
11	6.74 SG	6.74 S	6.73 G	6.72 SG	6.77 S	6.93 S	6.90 S	6.85 S	6.90 S	6.86 S	6.62
12	6.84 SG	6.86 SG	6.83 G	6.83 S	6.99 S	7.01 S	6.90 S	6.95 S	6.91 S	6.91 S	6.74
13	6.96 SG	6.96 SG	6.98 SG	6.98 S	7.01 S	7.05 S	6.98 S	6.99 SG	6.97 SG	6.99 S	6.85
14	7.11 SG	7.10 SG	7.11 SG	7.12 SG	7.10 SG	7.10 SG	7.10 M	7.10 SG	7.12 SG	7.12-	6.81
15	7.24 SG	7.28 G	7.28 FG	7.28 FG	7.27 SG	7.28 SG	7.28-	7.28-	7.28-	7.28-	6.73
16	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	7.44-	6.74
17	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	7.68-	6.69
18	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	7.70-	6.61
19	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.98-	7.65
20	8.11-	8.11-	8.11-	8.11-	8.11-	8.11-	8.11-	8.11-	8.11-	8.11-	8.10
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.3	2.3	2.4	2.4	2.4	2.5	2.8	2.8	3.0	3.5	
BED ELEVATION	7.36	7.36	7.33	7.34	7.31	7.28	7.20	7.14	7.12	7.04	
RIGHT EDGE WATER	15.5	15.5	15.2	15.4	15.2	15.0	14.6	14.2	14.0	13.4	
BED ELEVATION	7.36	7.36	7.33	7.34	7.31	7.28	7.20	7.14	7.12	7.04	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\- 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 2690, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1053	1055	955	935	1022	1005	954	1105	953	1007
WATER SURFACE(1)	7.97	8.33	8.37	8.34	8.35	8.44	8.42	8.22	7.80	7.57
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	8.06*	8.08 BM	8.08 BM	8.17 BM	8.06 BM	8.04 BM	8.08 BM	8.09 BM	8.09-	8.09-
1	8.02*	8.06 BM	8.05 BM	8.05 BM	8.14 BM	8.03 BM	8.04 BM	8.03 BM	8.03-	8.03-
2	7.58*	7.58 BM	7.60 BM	7.59 BM	7.56 BM	7.57 BM	7.60 BM	7.05 BM	7.07 BM	7.04
3	7.00	7.00 M	7.01 M	7.03 M	7.03 M	6.96 M	7.00 M	7.03 BM	7.04 M	7.02 FS
4	6.80	7.04 HB	7.03 S	7.03 S	7.00 SG	6.98 M	7.03 S	7.03 S	7.05 M	7.03 S
5	6.87	6.95 FG	6.95 S	6.96 CS	6.94 S	6.90 M	6.94 S	6.94 SG	6.98 M	6.96 SG
6	6.97	6.93 S	6.91 S	6.85 S	6.75 FG	6.82 G	6.84 G	6.84 SG	6.87 G	6.86 SG
7	6.99	6.83 S	6.79 S	6.78 S	6.75 S	6.73 G	6.76 HB	6.78 SG	6.79 G	6.78 G
8	7.03	6.70 S	6.69 S	6.69 S	6.67 S	6.67 G	6.70 S	6.69 FG	6.72 SG	6.73 HB
9	6.69	6.75 S	6.63 G	6.64 G	6.66 G	6.62 G	6.66 S	6.71 FG	6.77 S	6.76 S
10	6.86	6.61 G	6.62 G	6.62 G	6.63 G	6.59 HB	6.64 G	6.68 SG	6.76 S	6.66 HB
11	6.68	6.63 G	6.62 G	6.65 G	6.65 G	6.62 G	6.65 G	6.69 G	6.77 S	6.76 S
12	6.66	6.65 G	6.67 G	6.69 G	6.67 G	6.63 HB	6.69 HB	6.72 G	6.73 S	6.91 S
13	6.67	6.71 G	6.70 G	6.72 G	6.69 G	6.67 HB	6.72 G	6.73 G	6.74 SG	6.93 S
14	6.72	6.73 G	6.73 G	6.74 G	6.73 G	6.68 HB	6.73 HB	6.76 G	6.74 G	6.94 S
15	6.72	6.75 G	6.72 G	6.72 G	6.71 SG	6.68 HB	6.72 HB	6.75 G	6.73 G	6.73 G
16	6.77	6.77 G	6.76 SG	6.79 G	6.76 SG	6.71 G	6.80 FG	6.80 G	6.77 G	6.77 G
17	6.70	6.80 G	6.75 S	6.81 SG	6.82 SG	6.76 G	6.77 S	6.82 SG	6.84 G	6.81 G
18	7.33	7.20 G	7.10 S	7.22 S	7.20 SG	7.12 SG	7.12 G	7.21 SG	7.27 BM	7.26 G
19	7.52	7.45 BM	7.57 BM	7.42 BM	7.40 BM	7.34 G	7.50 BM	7.51 BM	7.40 BM	7.43 S
20	8.13*	8.17 BM	8.15 BM	8.16 BM	8.15 BM	8.11 BM	8.14 BM	8.17 BM	8.17-	8.17-
21	8.08*	8.12 BM	8.02 BM	8.12 BM	8.15 BM	8.07 BM	8.12 BM	8.17 BM	8.17-	8.17-
22	8.22*	8.22 BM	8.25 BM	8.22 BM	8.22 BM	8.23 BM	8.23 BM	8.23-	8.23-	8.23-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	1.1	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	1.7	2.0
BED ELEVATION	7.97								7.80	7.04
RIGHT EDGE WATER	19.2	>22.0	>22.0	>22.0	>22.0	>22.0	>22.0	21.6	19.1	19.1
BED ELEVATION	7.97							8.22	7.58	7.53

TABLE 32.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2690, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1018	1015	1148	934	938	950	955	1037	1034	1020	1022
WATER SURFACE(1)	7.47	7.60	7.85	8.08	8.19	8.08	7.70	7.46	7.43	7.65	7.82
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.09-	8.09-	8.09-	8.09-	8.08 BM	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-
1	8.03-	8.03-	8.03-	8.07 BM	8.05 BM	8.06 BM	8.06-	8.06-	8.06-	8.06-	8.06-
2	7.04 M	7.04 BM	7.65 BM	7.59 BM	7.55 BM	7.59 BM	7.55 BM	7.55-	7.01 M	7.02 M	7.01 M
3	7.02 M	7.01 M	6.99 FS	7.04 M	6.98 M	7.00 M	7.00 S	6.99 FS	7.02 M	7.00 M	7.02 M
4	7.06 FS	7.05 FS	7.00 S	7.02 M	7.01 M	7.04 M	7.05 S	7.05 FS	7.03 M	7.01 M	7.02 M
5	6.96 FS	6.98 FS	6.92 S	6.92 M	6.92 S	6.95 1	6.96 S	6.93 FS	6.95 M	6.94 S	6.95 S
6	6.85 SG	6.87 S	6.96 S	6.98 FS	6.98 S	7.00 S	7.03 S	6.99 FS	7.01 FS	6.95 S	7.04 S
7	6.79 SG	6.89 S	7.00 S	7.05 FS	7.03 S	6.99 S	6.99 S	6.98 FS	6.95 S	6.91 S	7.06 S
8	6.84 S	7.19 S	6.89 S	6.92 S	6.92 S	6.80 S	6.83 S	6.81 S	6.76 S	6.95 S	7.06 CS
9	6.81 S	7.18 S	6.96 S	6.91 S	6.86 S	6.78 S	6.79 S	6.76 S	6.79 S	7.02 CS	6.99 CS
10	7.02 S	7.08 S	7.02 S	6.83 SG	6.82 S	6.68 SG	6.77 S	6.76 S	6.84 S	7.05 S	6.97 S
11	7.04 S	7.11 S	6.90 S	6.95 CS	6.69 SG	6.67 G	6.75 SG	6.78 S	7.02 S	7.05 S	6.89 SG
12	6.98 S	7.11 S	6.88 S	6.92 SG	6.69 G	6.69 G	6.73 FG	6.77 S	6.97 S	7.12 S	7.00 SG
13	7.02 S	7.05 S	6.86 S	6.82 SG	6.69 G	6.74 G	6.75 SG	6.80 S	6.97 S	7.02 S	6.97 SG
14	6.97 S	6.90 S	6.82 S	6.74 G	6.73 G	6.74 G	6.73 SG	6.83 S	6.90 S	6.88 S	6.96 S
15	6.85 S	6.89 S	6.76 S	6.75 G	6.74 SG	6.75 G	6.75 SG	6.73 SG	6.81 S	6.85 S	6.81 SG
16	6.78 SG	6.78 SG	6.75 G	6.78 G	6.78 G	6.78 G	6.74 SG	6.76 G	6.78 SG	6.85 S	6.75 G
17	6.84 G	6.83 G	6.75 G	6.81 G	6.80 SG	6.81 SG	6.85 SG	6.81 G	6.80 G	6.78 SG	6.81 G
18	7.27 BM	7.25 BM	7.28 G	7.19 G	7.19 G	7.18 SG	7.27 FG	7.19 BM	7.24 BM	7.21 BM	7.22
19	7.42 BM	7.43 BM	7.45	7.42 M	7.41 BM	7.43 SG	7.40 G	7.39	7.41 BM	7.40 BM	7.39 G
20	8.17-	8.17-	8.17-	8.17-	8.16 BM	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-
21	8.17-	8.17-	8.17-	8.17-	8.17 BM	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-
22	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.0	2.0	1.5	0.9	< 0.0	0.9	1.9	2.1	2.0	1.8	1.5
BED ELEVATION	7.04	7.04	7.85	8.08		8.08	7.70	7.03	7.01	7.65	7.82
RIGHT EDGE WATER	19.1	19.2	19.0	19.1	21.5	19.2	19.2	19.0	19.0	19.2	19.1
BED ELEVATION	7.45	7.50	7.45	7.58	8.19	7.58	7.44	7.39	7.41	7.48	7.48

TABLE 32.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2690, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1010	1055	1115	1100	1045	1010	1044	1138	1104	1025	1043
WATER SURFACE(1)	8.09	8.20	8.15	7.81	7.71	7.63	7.47	7.36	7.31	7.37	7.39
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.08-	8.08 BM	8.08 BM	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-
1	8.06 BM	8.06 BM	8.04 BM	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-
2	7.59 BM	7.59 BM	7.54 BM	7.59 BM	7.01 M	7.56 BM	6.99 BM	7.01 BM	7.03 BM	7.02 M	7.00 M
3	6.99 FS	6.99 S	6.97 S	6.99 M	7.00 M	7.00 BM	6.97 BM	7.00 BM	7.01 M	7.03 M	6.98 M
4	7.03 S	6.99 SG	7.05 S	7.03 M	7.02 FS	7.02 S	7.03 BM	7.05 BM	7.01 M	7.03 M	7.00 FS
5	6.95 S	6.96 SG	6.95 S	6.96 M	7.07 FS	7.05 S	6.96 FS	6.96 S	6.98 FS	6.92 M	7.21 S
6	7.04 S	7.04 S	7.03 S	7.06 S	7.04 S	7.01 S	7.02 FS	7.04 S	7.01 S	7.17 S	7.21 S
7	7.03 S	6.98 S	6.96 S	6.97 S	6.96 S	6.95 S	6.95 S	6.94 S	7.02 S	7.18 S	7.19 S
8	6.89 S	6.84 S	6.89 S	6.84 FS	6.86 S	6.83 S	6.83 S	6.86 S	7.17 S	7.16 S	7.13 S
9	6.86 S	6.88 S	6.74 S	6.76 FS	6.79 S	6.83 S	6.87 S	6.98 S	7.16 S	7.17 S	7.14 S
10	6.94 S	6.70 S	6.66 S	6.68 S	6.83 S	6.80 S	6.91 S	7.01 S	7.12 S	7.11 S	7.09 S
11	6.87 S	6.67 SG	6.74 G	6.68 S	6.81 S	6.84 S	6.92 SG	7.05 S	7.04 SG	7.09 S	7.04 S
12	6.85 S	6.67 G	6.68 G	6.69 S	6.90 S	6.91 S	7.03 S	7.03 S	7.00 S	7.03 S	7.02 S
13	6.71 S	6.69 G	6.68 G	6.72 G	6.81 S	6.91 S	6.92 S	7.02 S	6.92 SG	6.99 S	6.92 S
14	6.73 SG	6.69 G	6.70 G	6.73 G	6.71 FG	6.83 S	6.83 SG	6.95 S	6.82 SG	7.02 S	6.92 S
15	6.72 G	6.72 SG	6.71 G	6.74 G	6.74 G	6.78 S	6.72 FG	6.75 CS	6.87 S	6.84 S	6.84 S
16	6.74 G	6.73 G	6.75 G	6.71 G	6.74 G	6.75 G	6.72 G	6.75 CS	6.77 G	6.80 S	6.78 S
17	6.77 G	6.78 FG	6.78 G	6.81 G	6.82 G	6.81 G	6.82 G	6.81 G	6.82 G	6.82 SG	6.80 G
18	7.08 SG	7.21 FG	7.14 G	7.14 G	7.19 G	7.13 G	7.20 G	7.19 G	7.19 G	7.18 G	7.15 G
19	7.51 BM	7.37 FG	7.37 G	7.37 BM	7.36 G	7.32 G	7.33 G	7.36 M	7.31 BM	7.33 G	7.34 G
20	8.16-	8.17 BM	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-
21	8.17-	8.16 BM	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-
22	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.8	< 0.0	< 0.0	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.0
BED ELEVATION	8.09			7.81	7.71	7.63	6.99	7.01	7.03	7.02	7.00
RIGHT EDGE WATER	19.1	21.5	19.1	19.2	19.2	19.2	19.1	19.0	19.0	19.2	19.1
BED ELEVATION	7.94	8.20	8.15	7.40	7.41	7.38	7.37	7.36	7.31	7.37	7.39

TABLE 32.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2690, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 7	5-20
TIME	1122	924	856	950	1026	941	900	1355	1133	1450	
WATER SURFACE(1)	7.41	7.42	7.39	7.40	7.36	7.32	7.23	7.16	7.14	7.07	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.04
1	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.02
2	7.00 M	7.02 M	7.00 M	6.99 M	7.01 M	7.02 M	7.01 M	7.01 M	6.99 M	6.99-	6.99
3	7.00 M	7.01 S	7.00 S	6.98 M	6.98 M	7.00 M	6.99 M	6.99 M	6.99 M	7.04 M	6.88
4	7.02 M	7.02 S	7.03 S	7.05 M	7.04 M	7.03 M	7.03 M	7.05 S	7.07 FS	7.07-	6.78
5	7.23 CS	7.22 S	7.24 SG	7.23 S	7.24 CS	7.23 S	7.23 S	7.23-	7.23-	7.23-	6.83
6	7.24 CS	7.25 S	7.26 SG	7.25 S	7.25 CS	7.25 S	7.25-	7.25-	7.25-	7.25-	6.73
7	7.22 CS	7.24 S	7.24 SG	7.23 FG	7.23 CS	7.22 SG	7.22 FG	7.22-	7.22-	7.22-	6.72
8	7.18 CS	7.22 S	7.20 S	7.20 FG	7.18 CS	7.19 SG	7.15 SG	7.15-	7.15-	7.15-	6.64
9	7.15 S	7.18 S	7.15 S	7.16 S	7.13 CS	7.14 SG	7.13 M	7.13 S	7.13-	7.02 S	6.61
10	7.14 S	7.11 S	7.10 S	7.10 S	7.11 CS	7.08 SG	7.06 M	7.06 S	7.07 S	6.98 S	6.59
11	7.04 S	7.13 S	7.09 S	7.06 S	7.08 CS	7.00 SG	7.02 M	7.00 S	7.00 SG	6.93 S	6.62
12	7.10 S	7.10 S	7.06 S	7.02 S	7.01 CS	6.97 S	6.93 M	6.94 S	6.94 SG	6.87 S	6.63
13	7.01 S	6.99 S	7.01 S	6.94 S	6.96 CS	6.92 S	6.87 S	6.83 S	6.84 SG	6.82 S	6.67
14	6.94 S	6.90 S	6.95 S	6.93 S	6.90 CS	6.83 S	6.82 S	6.76 S	6.78 SG	6.78 S	6.68
15	6.88 S	6.88 S	6.84 S	6.79 S	6.82 S	6.77 S	6.78 S	6.75 S	6.75 S	6.77 S	6.62
16	6.79 S	6.77 FG	6.74 S	6.78 S	6.76 S	6.74 S	6.72 G	6.73 G	6.71 G	6.76 FG	6.69
17	6.82 G	6.82 FG	6.81 G	6.84 G	6.83 G	6.82 G	6.82 G	6.80 G	6.84 G	6.83 FG	6.59
18	7.17 G	7.19 G	7.18 G	7.19 SG	7.19 G	7.19 G	7.16 G	7.16 G	7.16-	7.16-	6.96
19	7.35 G	7.34 BM	7.35 G	7.35 G	7.34 BM	7.34-	7.34-	7.34-	7.34-	7.34-	7.18
20	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-	8.11
21	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.02
22	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.23-	8.22
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	
BED ELEVATION	7.00	7.02	7.00	6.99	7.01	7.02	7.01	7.01	6.99	7.07	
RIGHT EDGE WATER	19.2	19.1	19.1	19.2	19.1	18.9	18.7	18.0	17.8	17.9	
BED ELEVATION	7.41	7.42	7.39	7.40	7.36	7.32	7.23	7.16	7.14	7.07	
LEFT EDGE BAR							5.0	4.6	4.3	3.4	
BED ELEVATION							7.23	7.16	7.14	7.07	
RIGHT EDGE BAR							6.8	8.4	9.1	8.5	
BED ELEVATION							7.23	7.16	7.14	7.07	

(1) AND 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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 2778, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1101	1040	1000	918	1015	1020	943	1051	943	959
WATER SURFACE(1)	8.04	8.38	8.41	8.40	8.39	8.52	8.47	8.26	7.87	7.66
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
3	8.28*	8.28 BM	8.27 BM	8.27 BM	8.27 BM	8.27 BM	8.28 BM	8.28-	8.28-	8.28-
4	7.99*	8.06 BM	7.99 BM	8.03 BM	7.99 BM	8.03 BM	8.00 BM	8.04 BM	8.04-	8.04-
5	8.11*	8.03 BM	8.01 BM	8.09 BM	8.05 BM	7.95 BM	8.08 BM	8.13 BM	8.13-	8.13-
6	8.20*	8.22 BM	8.20 BM	8.22 BM	8.19 BM	8.29 BM	8.22 BM	8.24 BM	8.24-	8.24-
7	7.94	7.93 BM	7.96 BM	7.92 BM	8.10 BM	7.87 BM	7.97 BM	8.04 BM	8.04-	8.04-
8	7.09	7.57 BM	7.46 BM	7.52 BM	7.05 S	7.54 BM	7.55 BM	7.06 HB	7.12 BM	7.07 HB
9	6.80	6.74 HB	6.76 HB	6.79 G	6.77 HB	6.74 HB	6.74 HB	6.79 HB	6.78 HB	6.77 HB
10	6.73	6.72 HB	6.70 HB	6.73 G	6.69 G	6.69 HB	6.74 HB	6.76 HB	6.73 HB	6.72 HB
11	6.79	6.73 G	6.73 G	6.73 G	6.75 G	6.75 G	6.76 G	6.76 G	6.75 G	6.72 HB
12	6.72	6.71 G	6.71 G	6.72 G	6.69 G	6.71 G	6.71 G	6.74 HB	6.73 G	6.74 HB
13	6.76	6.80 G	6.81 G	6.73 G	6.78 G	6.73 G	6.79 G	6.79 G	6.79 G	6.84 G
14	6.99	7.02 G	7.01 G	6.95 G	6.97 G	6.92 G	6.99 G	7.00 SG	7.00 G	6.98 G
15	7.14	7.15 G	7.16 G	7.10 G	7.09 G	7.09 G	7.16 G	7.14 G	7.13 G	7.12 G
16	7.20	7.18 G	7.19 G	7.16 G	7.14 G	7.17 G	7.19 G	7.23 G	7.20 G	7.18 G
17	7.20	7.18 FG	7.18 G	7.18 G	7.18 G	7.17 G	7.19 G	7.30 G	7.20 G	7.19 G
18	7.13	7.15 FG	7.13 FG	7.13 G	7.11 FG	7.15 G	7.19 S	7.33 S	7.20 SG	7.21 G
19	7.07	7.08 FG	7.09 FG	7.10 G	7.11 S	7.10 G	7.07 G	7.37 S	7.21 G	7.16 G
20	7.04	7.04 FG	7.03 FG	7.05 S	7.04 S	7.11 S	7.21 S	7.38 S	7.30 SG	7.16 CS
21	7.00	7.00 G	7.03 S	7.16 S	7.04 S	7.00 G	7.17 S	7.41 S	7.22 SG	7.14 CS
22	7.04	7.04 SG	7.03 S	7.06 S	7.08 S	7.01 G	7.24 S	7.44 S	7.30 SG	7.23 S
23	7.00	7.02 SG	7.01 S	7.03 M	7.02 S	7.04 S	7.22 S	7.50 S	7.40 S	7.13 S
24	7.04	7.04 SG	7.04 S	7.04 G	7.04 S	7.05 S	7.20 S	7.36 S	7.30 S	7.25 S
25	7.04	7.05 S	7.05 S	7.05 G	7.03 SG	7.05 S	7.15 S	7.35 S	7.30 S	7.34 S
26	7.06	7.06 S	7.06 S	7.06 G	7.08 S	7.06 S	7.14 S	7.22 S	7.48 S	7.26 S
27	7.16	7.12 S	7.13 S	7.13 G	7.12 S	7.14 S	7.22 S	7.25 S	7.36 S	7.38 S
28	7.49	7.38 S	7.42 S	7.39 M	7.40 S	7.38 S	7.39 S	7.43 S	7.45 S	7.47 S
29	7.76	7.69 S	7.70 S	7.77 M	7.69 S	7.65 S	7.64 S	7.62 BM	7.57 BM	7.55 S
30	8.32*	8.32 BM	8.30 BM	8.33 BM	8.31 BM	8.31 BM	8.33 BM	8.33-	8.33-	8.33-
31	8.05*	8.05 BM	8.04 BM	8.05 BM	8.04 BM	8.10 BM	8.09 BM	8.06 BM	8.06-	8.06-
32	8.22*	8.21 BM	8.20 BM	8.18 BM	8.17 BM	8.23 BM	8.23 BM	8.20 BM	8.20-	8.20-
33	8.25*	8.28 BM	8.28 BM	8.28 BM	8.27 BM	8.33 BM	8.31 BM	8.31-	8.31-	8.31-
34	8.20*	8.19 BM	8.19 BM	8.22 BM	8.17 BM	8.18 BM	8.17 BM	8.19 BM	8.19-	8.19-
35	8.40*	8.40*	8.40 BM	8.40-	8.38 BM	8.39 BM	8.40 BM	8.40-	8.40-	8.40-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	6.7	2.5	2.4	2.4	2.2	2.8	2.3	3.4	7.3	7.6
BED ELEVATION	8.04	8.38	8.37	8.38	8.33	8.52	8.34	8.26	7.87	7.66
RIGHT EDGE WATER	29.3	34.6	>35.0	34.6	>35.0	>35.0	>35.0	34.2	29.3	29.1
BED ELEVATION	8.04	8.38		8.40				8.26	7.77	7.66
LEFT EDGE BAR								29.9		
BED ELEVATION								8.26		
RIGHT EDGE BAR								30.3		
BED ELEVATION								8.26		

TABLE 33.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2778, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1005	1013	1136	930	940	954	953	1028	1025	1010	1038
WATER SURFACE(1)	7.56	7.67	7.91	8.12	8.23	8.12	7.76	7.55	7.52	7.73	7.89
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
3	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-
4	8.04-	8.04-	8.04-	8.04-	8.00 BM	8.00 BM	8.00-	8.00-	8.00-	8.00-	8.00-
5	8.13-	8.13-	8.13-	8.13-	8.11 BM	8.12 BM	8.12-	8.12-	8.12-	8.12-	8.12-
6	8.24-	8.24-	8.24-	8.24-	8.22 BM	8.22-	8.22-	8.22-	8.22-	8.22-	8.22-
7	8.04-	8.04-	8.04-	8.04 BM	7.97 BM	7.98 BM	7.98-	7.98-	7.98-	7.98-	7.98-
8	7.06 M	7.51 BM	7.57 BM	7.60 BM	7.48 S	7.09 HB	7.53 BM	7.10 BM	7.52 BM	7.48 BM	7.09 CG
9	6.76 G	6.76 G	6.76 HB	6.74 HB	6.78 HB	6.77 HB	6.76 SG	6.77 S	6.76 HB	6.77 HB	6.76 HB
10	6.72 G	6.74 HB	6.72 HB	6.74 HB	6.75 HB	6.72 HB	6.71 HB	6.72 HB	6.71 HB	6.73 HB	6.72 HB
11	6.71 G	6.71 G	6.70 G	6.72 G	6.71 G	6.73 G	6.71 HB	6.71 G	6.71 HB	6.72 G	6.71 G
12	6.74 G	6.76 G	6.76 G	6.72 G	6.73 G	6.73 G	6.75 G	6.74 G	6.71 G	6.72 G	6.74 G
13	6.82 G	6.83 G	6.76 G	6.76 G	6.75 G	6.76 G	6.77 G	6.82 G	6.81 G	6.77 G	6.75 G
14	7.01 G	7.01 G	6.91 G	6.92 G	6.91 G	6.92 SG	6.96 G	6.98 G	6.86 G	6.98 G	6.92 SG
15	7.11 G	7.11 G	7.11 G	7.08 G	7.11 G	7.09 SG	7.11 G	7.12 G	7.12 SG	7.11 SG	7.09 G
16	7.20 G	7.19 G	7.20 SG	7.16 G	7.17 G	7.19 SG	7.16 SG	7.16 SG	7.17 SG	7.17 SG	7.19 G
17	7.21 G	7.18 G	7.18 SG	7.16 G	7.18 G	7.18 SG	7.20 G	7.20 SG	7.18 SG	7.18 SG	7.18 G
18	7.20 G	7.19 G	7.23 G	7.12 SG	7.13 SG	7.13 SG	7.11 G	7.15 SG	7.13 SG	7.15 CS	7.14 G
19	7.16 G	7.16 FG	7.16 SG	7.10 S	7.08 S	7.10 S	7.19 S	7.15 SG	7.16 CS	7.16 CS	7.15 CS
20	7.11 FG	7.09 FG	7.11 SG	7.05 S	7.08 S	7.20 S	7.21 S	7.15 CS	7.14 CS	7.13 CS	7.14 CS
21	7.06 FG	7.01 FG	7.01 SG	7.02 SG	7.01 S	7.23 S	7.19 S	7.15 S	7.07 CS	7.04 CS	7.04 CS
22	7.08 S	7.00 CS	7.01 SG	6.99 S	6.98 SG	7.06 S	7.25 S	7.17 S	7.04 S	7.03 S	6.99 CS
23	7.04 SG	7.05 CS	6.97 SG	6.99 S	6.98 G	7.06 S	7.12 S	7.23 S	7.07 S	7.03 S	6.99 SG
24	7.08 S	7.13 CS	6.98 SG	7.00 SG	7.03 S	7.08 S	7.36 S	7.18 S	7.11 S	7.05 S	6.99 SG
25	7.08 S	7.10 S	7.00 SG	7.02 G	7.03 S	7.06 S	7.31 S	7.25 S	7.12 S	6.97 G	6.97 SG
26	7.16 S	7.11 S	7.06 S	7.04 G	7.07 SG	7.05 S	7.05 S	7.17 S	7.10 S	7.06 S	7.04 SG
27	7.24 S	7.14 S	7.08 SG	7.12 S	7.10 S	7.11 S	7.11 S	7.15 S	7.13 S	7.10 S	7.13 S
28	7.51 S	7.39 FS	7.46 S	7.43 S	7.42 S	7.47 S	7.52 S	7.52-	7.52-	7.57 S	7.58 S
29	7.56 S	7.57 S	7.58 S	7.58 BM	7.57 S	7.60 S	7.61 BM	7.61-	7.61-	7.62 BM	7.62 S
30	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-
31	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-
32	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-
33	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-
34	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-
35	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	7.8	7.4	7.3	6.8	3.4	3.7	7.4	8.0	8.0	7.4	7.2
BED ELEVATION	7.56	7.67	7.91	8.12	8.23	8.12	7.76	7.10	7.52	7.73	7.89
RIGHT EDGE WATER	29.0	29.2	29.2	29.5	29.5	29.5	29.0	27.8	27.8	29.3	29.3
BED ELEVATION	7.56	7.64	7.64	8.12	8.23	8.12	7.61	7.55	7.52	7.73	7.89
LEFT EDGE BAR						5.0					
BED ELEVATION						8.12					
RIGHT EDGE BAR						6.7					
BED ELEVATION						8.10					

TABLE 33.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2778, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1000	1100	1106	1107	1038	1000	1032	1135	1056	1018	1033
WATER SURFACE(1)	8.12	8.25	8.19	7.87	7.78	7.71	7.54	7.45	7.40	7.46	7.47
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
3	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-	8.28-
4	8.00 BM	7.99 BM	8.02 BM	8.02-	8.02-	8.02-	8.02-	8.02-	8.02-	8.02-	8.02-
5	8.12 BM	8.12 BM	8.08 BM	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-
6	8.22-	8.20 BM	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-
7	7.99 BM	7.94 BM	8.04 BM	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-	8.04-
8	7.10 BM	7.48 S	7.06 BM	7.55 BM	7.56 BM	7.55 BM	7.08 BM	7.45 BM	7.10 BM	7.11 BM	7.05 BM
9	6.79 SG	6.80 HB	6.78 HB	6.76 S	6.76 HB	6.78 SG	6.78 HB	6.80 M	6.78 HB	6.77 S	6.77 M
10	6.75 HB	6.75 HB	6.75 HB	6.71 HB	6.72 G	6.71 G	6.75 HB	6.72 HB	6.71 HB	6.71 HB	6.74 HB
11	6.72 G	6.74 G	6.74 G	6.71 G	6.74 G	6.71 G	6.71 G	6.71 G	6.72 G	6.71 G	6.74 G
12	6.72 G	6.73 G	6.73 G	6.73 G	6.75 G	6.73 G	6.78 G	6.75 G	6.73 G	6.75 SG	6.76 G
13	6.79 G	6.73 G	6.73 G	6.76 G	6.76 G	6.80 G	6.83 G	6.80 G	6.80 G	6.82 SG	6.84 G
14	6.82 G	6.91 G	6.91 G	6.77 G	6.95 G	6.95 FG	6.98 G	6.99 G	6.98 G	7.01 G	6.97 G
15	7.10 G	7.08 G	7.05 G	7.07 G	7.08 SG	7.11 G	7.12 G	7.12 G	7.11 G	7.15 G	7.12 G
16	7.20 G	7.18 G	7.14 G	7.17 G	7.15 G	7.18 G	7.16 G	7.19 G	7.18 G	7.17 G	7.15 G
17	7.17 G	7.17 G	7.15 G	7.17 G	7.17 G	7.19 G	7.18 G	7.18 G	7.16 G	7.17 G	7.16 G
18	7.12 FG	7.11 G	7.11 G	7.11 G	7.12 G	7.12 G	7.12 G	7.14 G	7.12 G	7.13 G	7.13 G
19	7.15 FG	7.09 SG	7.15 S	7.16 SG	7.19 S	7.19 FG	7.15 SG	7.15 FG	7.12 FG	7.14 FG	7.12 G
20	7.12 FG	7.18 S	7.17 S	7.13 S	7.20 S	7.16 SG	7.15 SG	7.11 FG	7.10 FG	7.11 FG	7.11 G
21	7.05 FG	7.19 S	7.16 S	7.12 S	7.16 S	7.11 S	7.14 S	7.09 SG	7.03 G	7.04 S	7.04 SG
22	7.00 S	7.00 CS	7.19 S	7.14 S	7.17 S	7.09 S	7.06 CS	7.10 S	7.01 CS	7.00 S	7.01 S
23	7.00 FS	7.04 S	7.07 S	7.12 S	7.15 S	7.08 S	7.13 S	7.13 S	7.02 S	7.01 S	7.02 S
24	7.00 G	6.99 SG	7.01 S	7.07 S	7.11 S	7.11 S	7.09 S	6.97 S	7.09 S	7.06 S	7.00 S
25	7.00 FS	6.99 G	7.04 S	7.17 S	7.04 S	7.10 S	7.15 S	7.14 S	7.19 S	7.21 S	7.01 S
26	7.03 G	7.07 G	7.04 SG	7.07 S	7.12 S	7.08 S	7.05 S	7.06 S	7.18 S	7.10 S	7.03 S
27	7.12 SG	7.12 S	7.12 S	7.09 S	7.12 S	7.17 S	7.11 SG	7.19 FS	7.10 FS	7.13 S	7.21 S
28	7.54 S	7.50 S	7.49 S	7.57 S	7.61 S	7.56 S	7.53 S	7.53-	7.53-	7.53-	7.53-
29	7.63 S	7.63 BM	7.62 S	7.58 BM	7.56 BM	7.59 S	7.50 FS	7.50-	7.50-	7.50-	7.50-
30	8.33-	8.25 BM	8.25-	8.25-	8.25-	8.25-	8.25-	8.25-	8.25-	8.25-	8.25-
31	8.06-	8.10 S	8.08 S	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-	8.08-
32	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-	8.20-
33	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-	8.31-
34	8.19-	8.17 BM	8.16 BM	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-
35	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-	8.40-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.6	3.5	3.7	7.3	7.4	7.5	7.9	8.0	8.0	7.9	7.9
BED ELEVATION	8.12	8.25	8.19	7.87	7.78	7.71	7.54	7.45	7.10	7.46	7.11
RIGHT EDGE WATER	29.5	34.5	34.4	29.3	29.3	29.2	29.0	27.8	27.8	27.8	27.8
BED ELEVATION	8.12	8.25	8.19	7.87	7.78	7.71	7.50	7.45	7.40	7.46	7.47
LEFT EDGE BAR	5.0	31.4	31.4								
BED ELEVATION	8.12	8.25	8.19								
RIGHT EDGE BAR	6.4	33.6	33.6								
BED ELEVATION	8.12	8.25	8.19								

TABLE 33.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2778, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 7	5-20
TIME	1110	916	853	950	1023	938	852	1340	1126	1430	
WATER SURFACE(1)	7.48	7.48	7.44	7.45	7.41	7.37	7.29	7.23	7.20	7.09	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
3	8.28-	8.28-			8.28-		8.28-	8.28-			8.27
4	8.02-	8.02-			8.02-		8.02-	8.02-			7.99
5	8.08-	8.08-			8.08-		8.08-	8.08-			7.95
6	8.20-	8.20-			8.20-		8.20-	8.20-			8.19
7	8.04-	8.04-			8.04-		8.04-	8.04-			7.87
8	7.12 BM	7.09 BM			7.06 M		7.09 FS	7.03 BM			7.03
9	6.77 M	6.78 M			6.76 S		6.78 FS	6.86 M			6.74
10	6.73 G	6.70 HB			6.71 G		6.71 SG	6.72 S			6.69
11	6.71 G	6.71 G			6.71 G		6.71 G	6.77 G			6.70
12	6.74 G	6.73 G			6.75 G		6.76 G	6.78 G			6.69
13	6.79 G	6.84 G			6.81 G		6.86 G	6.87 G			6.70
14	6.97 G	6.96 G			6.98 G		7.01 G	7.02 G			6.77
15	7.14 G	7.15 G			7.12 G		7.16 G	7.15 G			7.04
16	7.17 G	7.18 G			7.17 G		7.17 G	7.18 B			7.08
17	7.17 G	7.18 G			7.17 G		7.18 G	7.18 G			6.99
18	7.15 FG	7.15 G			7.15 G		7.15 G	7.14 SG			6.87
19	7.15 FG	7.15 G			7.12 G		7.16 G	7.14 CS			6.79
20	7.13 FG	7.12 G			7.11 SG		7.11 G	7.10 CS			6.97
21	7.06 SG	7.06 G			7.05 SG		7.05 SG	7.04 CS			6.95
22	7.03 SG	7.01 SG			7.00 SG		6.98 SG	6.99 FG			6.94
23	7.01 SG	6.99 SG			6.96 SG		6.97 SG	6.97 FG			6.57
24	6.97 G	6.98 SG			6.97 G		6.99 G	7.00 G			6.93
25	7.04 S	6.99 SG			6.98 G		7.00 G	6.99 G			6.97
26	7.05 S	7.05 SG			7.02 G		7.04 G	7.04 G			7.02
27	7.16 S	7.14 S			7.09 G		7.10 SG	7.15 S			7.04
28	7.53-	7.53-			7.53-		7.53-	7.53-			7.07
29	7.50-	7.50-			7.50-		7.50-	7.50-			7.26
30	8.25-	8.25-			8.25-		8.25-	8.25-			8.25
31	8.08-	8.08-			8.08-		8.08-	8.08-			8.04
32	8.20-	8.20-			8.20-		8.20-	8.20-			8.17
33	8.31-	8.31-			8.31-		8.31-	8.31-			8.25
34	8.16-	8.16-			8.16-		8.16-	8.16-			8.16
35	8.40-	8.40-			8.40-		8.40-	8.40-			8.38
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	8.0	8.0			8.0		7.9	7.8			
BED ELEVATION	7.12	7.09			7.06		7.11	7.12			
RIGHT EDGE WATER	27.8	27.8			27.6		27.5	27.2			
BED ELEVATION	7.48	7.48			7.41		7.29	7.23			

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 2874, EAST FORK RIVER, WYOMING, 1979

DATE	5-14	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1120	1118	958	939	919	950	1035	950	1037	933	945
WATER SURFACE(1)	7.42	8.07	8.42	8.45	8.45	8.45	8.58	8.53	8.34	7.99	7.79
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
4	8.74*	8.80*	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-
5	8.40+	8.40*	8.38 S	8.36 S	8.37 S	8.37 S	8.36 S	8.38 S	8.34 S	8.34-	8.34-
6	8.06*	7.99	8.02 S	8.02 S	8.03 S	8.03 S	8.03 S	8.00 S	8.01 S	8.01-	8.01-
7	7.88*	7.86	7.80 S	7.81 SG	7.82 S	7.82 S	7.81 S	7.78 S	7.81 SG	7.82 SG	7.82-
8	7.63*	7.65	7.61 S	7.59 SG	7.63 CS	7.63 S	7.61 S	7.59 CS	7.64 SG	7.62 SG	7.64 G
9	7.32 G	7.33	7.32 G	7.34 G	7.35 G	7.33 G	7.32 G	7.32 CS	7.33 G	7.36 G	7.35 G
10	7.17 G	7.17	7.22 G	7.14 G	7.18 G	7.15 G	7.20 G	7.15 CS	7.15 FG	7.17 G	7.16 G
11	7.02 G	7.02	7.06 G	7.00 G	7.03 G	7.00 G	7.02 G	7.03 CS	7.02 G	7.03 G	7.05 G
12	6.97 G	6.97	6.97 G	6.96 G	6.97 G	6.97 G	6.97 G	6.93 CS	6.96 G	6.99 HB	6.98 G
13	6.97 HB	6.96	6.97 HB	6.94 HB	6.96 HB	6.95 HB	6.93 G	6.92 CS	6.93 HB	6.97 S	6.97 G
14	6.91 HB	6.89	6.89 HB	6.90 HB	6.92 HB	6.91 HB	6.90 HB	6.89 HB	6.94 S	6.91 G	6.90 HB
15	6.97 HB	6.95	6.95 HB	6.92 G	6.94 G	6.93 G	6.91 HB	6.89 HB	6.92 G	6.94 G	6.95 G
16	7.07 S	7.06	6.92 G	6.93 G	6.92 G	6.89 G	6.90 HB	6.88 G	6.91 HB	6.94 S	6.99 S
17	7.20 S	7.17	7.09 FG	6.98 SG	7.02 G	6.87 FG	6.87 HB	6.87 SG	6.90 HB	7.08 S	7.12 S
18	7.25 S	7.37	7.17 S	7.15 S	7.17 SG	7.00 SG	6.92 G	6.88 SG	6.93 G	7.21 S	7.16 S
19	7.25 S	7.44	7.37 S	7.27 S	7.21 S	7.08 CS	7.07 G	6.98 CS	7.12 S	7.30 S	7.23 S
20	7.22 S	7.47	7.50 S	7.38 S	7.34 S	7.32 S	7.06 SG	7.13 CS	7.34 S	7.37 CS	7.29 S
21	7.36 S	7.52	7.62 S	7.50 S	7.52 S	7.51 S	7.28 SG	7.24 CS	7.54 S	7.47 CS	7.43 S
22	7.48* S	7.56	7.52 S	7.57 S	7.70 S	7.58 S	7.44 SG	7.35 CS	7.63 S	7.59 S	7.56 S
23	7.57* S	7.62	7.69 S	7.74 S	7.71 S	7.74 S	7.51 S	7.61 S	7.85 S	7.71 S	7.73 S
24	7.61+	7.61	7.77 S	7.85 S	7.80 S	7.74 S	7.72 S	7.68 FS	7.86 S	7.83 S	7.83-
25	7.66* S	7.67	7.81 S	7.92 S	7.89 S	7.79 S	7.79 S	7.84 S	7.92 S	7.91 S	7.91-
26	7.68* S	7.62	7.87 S	8.01 S	8.02 S	7.86 S	7.88 S	7.79 S	7.91 S	7.94 S	7.94-
27	7.70* S	7.69	7.87 S	7.94 S	7.94 S	7.97 S	7.95 S	7.98 S	8.02 S	7.93 S	7.93-
28	7.69+	7.69	7.82 S	7.96 S	7.92 S	7.97 S	7.96 S	8.03 S	8.02 S	7.97 CS	7.97-
29	7.71* S	7.70	7.92 S	7.94 S	7.98 S	8.05 S	8.00 S	7.97 S	8.03 S	7.97 S	7.97-
30	7.68* S	7.76	7.87 S	7.90 S	8.09 S	8.05 S	8.01 S	8.02 S	8.01 S	7.97 S	7.97-
31	7.76+	7.76	7.88 S	7.95 S	7.95 S	8.05 S	8.07 S	8.06 S	8.04 S	7.99 S	7.99-
32	7.80* S	7.79	7.82 S	7.94 S	7.99 S	8.00 S	8.01 S	8.01 S	8.06 S	8.06-	8.06-
33	7.88+	7.88	7.89 S	7.87 S	7.97 S	7.98 S	8.00 S	7.91 S	8.01 S	8.01-	8.01-
34	7.98*BM	7.94	8.00 S	7.99 S	8.02 BM	7.96 BM	7.90 M	7.98 BM	8.02 BM	8.02-	8.02-
35	8.20+	8.20*	8.24 BM	8.24 BM	8.25 BM	8.23 BM	8.25 BM	8.24 BM	8.23 BM	8.23-	8.23-
36	8.13*BM	8.11*	8.18 BM	8.15 BM	8.16 BM	8.16 BM	8.17 BM	8.17 BM	8.15 BM	8.15-	8.15-
37	8.18*BM	8.18*	8.24 BM	8.17 BM	8.23 BM	8.16 BM	8.16 BM	8.22 BM	8.21 BM	8.21-	8.21-
38	8.21*BM	8.19*	8.19 BM	8.17 BM	8.20 BM	8.16 BM	8.16 BM	8.18 BM	8.14 BM	8.14-	8.14-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	8.6	5.7	4.9	4.8	4.8	4.8	4.5	4.5	5.0	6.1	7.1
BED ELEVATION	7.42	8.07	8.42	8.45	8.45	8.45	8.58	8.53	8.34	7.99	7.79
RIGHT EDGE WATER	21.4	34.1	>38.0	>38.0	>38.0	>38.0	>38.0	>38.0	>38.0	31.0	23.5
BED ELEVATION	7.42	8.07								7.99	7.79

TABLE 34.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2874, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1008	1002	1128	922	935	944	946	1022	1020	1005	1030
WATER SURFACE(1)	7.69	7.78	8.00	8.19	8.30	8.20	7.91	7.69	7.66	7.82	7.98
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
4	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-
5	8.34-	8.34-	8.34-	8.34-	8.30	8.30-	8.30-	8.30-	8.30-	8.30-	8.30-
6	8.01-	8.01-	8.01-	8.03 S	8.00 SG	7.99 S	7.99-	7.99-	7.99-	7.99-	7.98 SG
7	7.82-	7.82-	7.82 SG	7.81 S	7.82 SG	7.80 SG	7.81 SG	7.81-	7.81-	7.79 SG	7.80 SG
8	7.64 BM	7.63 BM	7.64 SG	7.67 S	7.67 S	7.60 SG	7.62 SG	7.63 G	7.63 G	7.64 SG	7.63 SG
9	7.36 G	7.33 G	7.33 SG	7.31 SG	7.34 SG	7.31 SG	7.35 G	7.36 G	7.36 G	7.35 G	7.34 G
10	7.17 G	7.16 G	7.15 G	7.14 SG	7.18 G	7.15 SG	7.18 G	7.18 G	7.22 G	7.18 G	7.21 G
11	7.05 G	7.03 G	7.03 G	7.01 HB	7.02 G	7.01 SG	7.04 G	7.05 G	7.06 G	7.04 G	7.05 G
12	6.98 G	6.97 FG	6.96 G	6.93 HB	6.96 SG	6.95 G	6.98 G	6.99 G	6.99 G	6.97 G	6.98 G
13	6.97 G	6.94 G	6.94 G	6.92 HB	6.94 G	6.94 G	6.95 G	6.94 HB	6.93 G	6.94 G	6.94 G
14	6.94 G	6.91 G	6.88 HB	6.93 HB	6.90 HB	6.90 G	6.92 G	6.96 G	6.94 G	6.92 HB	6.92 SG
15	6.93 G	6.94 G	6.93 G	6.91 HB	6.92 G	6.92 G	6.93 G	6.93 G	6.94 SG	6.92 S	6.93 SG
16	7.00 S	7.00 G	6.98 CS	6.95 S	6.97 S	6.99 SG	7.01 G	7.04 SG	7.03 S	7.01 S	7.03 S
17	7.12 S	7.10 G	7.04 S	7.07 S	7.08 S	7.05 S	7.26 S	7.19 SG	7.20 S	7.18 S	7.17 S
18	7.18 S	7.19 S	7.08 S	7.09 S	7.26 S	7.10 S	7.27 S	7.25 SG	7.25 S	7.23 S	7.22 S
19	7.27 S	7.24 CS	7.16 S	7.17 S	7.28 S	7.50 S	7.36 S	7.32 S	7.32 S	7.27 S	7.29 S
20	7.36 S	7.29 S	7.30 S	7.27 S	7.50 S	7.60 S	7.47 S	7.39 S	7.40 S	7.34 S	7.33 S
21	7.44 S	7.46 S	7.38 S	7.39 S	7.46 S	7.55 S	7.40 S	7.43 S	7.43 S	7.42 S	7.32 S
22	7.56 S	7.54 S	7.48 S	7.43 S	7.54 S	7.50 S	7.55 S	7.54 S	7.57 S	7.52 S	7.48 S
23	7.73-	7.72 S	7.65 S	7.63 S	7.60 S	7.53 S	7.65 S	7.64 S	7.65 S	7.64 S	7.61 S
24	7.83-	7.83-	7.82 S	7.72 S	7.64 S	7.77 S	7.71	7.71-	7.71-	7.70 S	7.69 S
25	7.91-	7.91-	7.90 S	7.84 S	7.69 S	7.70 S	7.76 S	7.76-	7.76-	7.76 S	7.74 S
26	7.94-	7.94-	7.92 S	7.87 S	7.70 S	7.76 S	7.77 S	7.77-	7.77-	7.77 S	7.77 S
27	7.93-	7.93-	7.91 S	7.89 S	7.86 S	7.82 S	7.79 S	7.79-	7.79-	7.80 S	7.79 S
28	7.97-	7.97-	7.94 S	7.89 S	7.90 S	7.90 S	7.82 S	7.82-	7.82-	7.82-	7.81 S
29	7.97-	7.97-	7.96 S	7.94 S	7.92 S	7.78 S	7.81 S	7.81-	7.81-	7.81-	7.83 S
30	7.97-	7.97-	7.94 S	7.93 S	7.88 S	7.80 S	7.86 S	7.86-	7.86-	7.86-	7.87 S
31	7.99-	7.99-	7.98 S	7.99 S	7.92 S	7.90 S	7.90-	7.90-	7.90-	7.90-	7.90 S
32	8.06-	8.06-	7.98 S	7.98 S	7.91 S	7.95 S	7.95-	7.95-	7.95-	7.95-	7.92 S
33	8.01-	8.01-	7.97 S	7.97 S	7.96 S	7.95 S	7.95-	7.95-	7.95-	7.95-	7.96 S
34	8.02-	8.02-	8.02-	7.97 S	8.02 BM	7.97 BM	7.97-	7.97-	7.97-	7.97-	7.97-
35	8.23-	8.23-	8.23-	8.23-	8.22 BM	8.22-	8.22-	8.22-	8.22-	8.22-	8.22-
36	8.15-	8.15-	8.15-	8.15-	8.15-	8.15-	8.15-	8.15-	8.15-	8.15-	8.15-
37	8.21-	8.21-	8.21-	8.21-	8.21-	8.21-	8.21-	8.21-	8.21-	8.21-	8.21-
38	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	7.8	7.2	6.1	5.3	5.0	5.5	6.3	7.8	7.9	6.8	6.0
BED ELEVATION	7.69	7.78	8.00	8.19	8.30	8.20	7.91	7.69	7.66	7.82	7.98
RIGHT EDGE WATER	22.8	23.5	33.8	34.5	35.0	34.4	30.7	23.4	23.1	27.8	33.9
BED ELEVATION	7.69	7.78	8.00	8.19	8.22	8.20	7.91	7.69	7.66	7.82	7.98

TABLE 34.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2874, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	1000	1050	1057	1100	1030	1005	1031	1127	1050	1015	1026
WATER SURFACE(1)	8.19	8.30	8.26	7.99	7.90	7.83	7.68	7.59	7.53	7.57	7.59
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
4	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-	8.80-
5	8.30-	8.29 S	8.29-	8.29-	8.29-	8.29-	8.29-	8.29-	8.29-	8.29-	8.29-
6	7.98 FS	7.95 G	7.95 SG	7.90 SG	7.90-	7.90-	7.90-	7.90-	7.90-	7.90-	7.90-
7	7.79 SG	7.78 G	7.78 SG	7.79 SG	7.79 G	7.79 FG	7.79-	7.79-	7.79-	7.79-	7.79-
8	7.66 SG	7.59 G	7.58 G	7.60 SG	7.62 G	7.61 FG	7.62 G	7.62-	7.62-	7.62-	7.62-
9	7.33 SG	7.31 G	7.31 G	7.34 G	7.34 G	7.32 CG	7.33 G	7.30 G	7.32 G	7.34 G	7.35 G
10	7.16 FG	7.14 G	7.13 G	7.14 G	7.15 G	7.15 G	7.16 G	7.19 G	7.15 G	7.18 G	7.18 G
11	7.03 FG	7.01 G	7.00 G	7.03 G	7.03 G	7.01 CG	7.03 G	7.04 G	7.03 G	7.04 G	7.05 G
12	6.95 G	6.93 G	6.93 G	6.96 G	6.97 G	6.96 G	6.96 G	6.99 G	6.98 G	6.98 G	6.99 G
13	6.94 HB	6.92 G	6.94 G	6.93 G	6.94 G	6.95 G	6.94 G	6.96 G	6.96 G	6.95 HB	6.97 G
14	6.89 HB	6.87 G	6.88 G	6.89 G	6.89 SG	6.95 CS	6.96 FG	6.96 S	6.91 HB	6.94 SG	6.91 HB
15	6.92 G	6.90 G	6.89 G	6.94 SG	7.01 CS	6.99 CS	6.99 FG	7.04 SG	7.03 SG	7.02 CS	7.04 S
16	7.06 CS	7.04 G	7.05 CS	7.13 S	7.14 S	7.13 CS	7.13 SG	7.14 CS	7.14 SG	7.13 CS	7.15 S
17	7.10 S	7.14 S	7.19 S	7.18 S	7.18 S	7.19 S	7.18 SG	7.18 CS	7.18 SG	7.16 CS	7.18 S
18	7.20 S	7.13 CS	7.30 S	7.34 S	7.28 S	7.21 S	7.23 S	7.23 CS	7.23 S	7.21 S	7.21 S
19	7.29 S	7.30 SG	7.38 S	7.24 S	7.25 S	7.22 S	7.21 SG	7.24 CS	7.23 S	7.23 S	7.24 S
20	7.32 S	7.40 S	7.51 S	7.34 S	7.35 S	7.25 S	7.30 S	7.29 S	7.29 S	7.27 S	7.28 S
21	7.36 S	7.57 G	7.53 S	7.49 S	7.34 S	7.34 S	7.33 S	7.30 S	7.34 S	7.33 S	7.34 S
22	7.53 S	7.61 S	7.61 S	7.56 S	7.40 S	7.41 S	7.42 S	7.48 S	7.43 S	7.45 S	7.43 S
23	7.59 S	7.65 S	7.63 S	7.57 S	7.56 S	7.51 S	7.53 S	7.53	7.53 S	7.54 S	7.54 S
24	7.69 S	7.68 S	7.60 S	7.55 S	7.59 S	7.61 S	7.63 S	7.63-	7.63-	7.63-	7.63-
25	7.71 S	7.75 S	7.78 S	7.68 S	7.67 S	7.66 S	7.67 S	7.67-	7.67-	7.67-	7.67-
26	7.75 S	7.80 S	7.69 S	7.73 S	7.70 S	7.70 S	7.70-	7.70-	7.70-	7.70-	7.70-
27	7.79 S	7.74 S	7.85 S	7.78 S	7.74 S	7.75 S	7.75-	7.75-	7.75-	7.75-	7.75-
28	7.79 S	7.87 S	7.87 S	7.82 S	7.77 S	7.78 S	7.78-	7.78-	7.78-	7.78-	7.78-
29	7.78 S	7.82 S	7.89 S	7.81 S	7.81 S	7.81 S	7.81-	7.81-	7.81-	7.81-	7.81-
30	7.84 S	7.87 S	7.88 S	7.83 S	7.83 S	7.83-	7.83-	7.83-	7.83-	7.83-	7.83-
31	7.89 S	7.91 S	7.90 S	7.87 S	7.86 S	7.86-	7.86-	7.86-	7.86-	7.86-	7.86-
32	7.92 S	7.85 S	7.90 S	7.89 S	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-	7.89-
33	7.93 S	7.94 S	7.91 S	7.90 S	7.90-	7.90-	7.90-	7.90-	7.90-	7.90-	7.90-
34	8.01 FS	8.02 BM	8.03 S	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-	8.03-
35	8.22-	8.23 BM	8.22 BM	8.22-	8.22-	8.22-	8.22-	8.22-	8.22-	8.22-	8.22-
36	8.15-	8.14 BM	8.14 BM	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-	8.14-
37	8.21-	8.21 BM	8.18 BM	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-	8.18-
38	8.14-	8.18	8.17 BM	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-	8.17-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	5.3	5.0	5.1	5.9	6.3	6.6	7.8	8.1	8.1	8.2	8.1
BED ELEVATION	8.19	8.29	8.26	7.99	7.90	7.83	7.68	7.59	7.53	7.57	7.59
RIGHT EDGE WATER	34.4	>38.0	>38.0	33.8	31.8	29.4	25.4	23.3	23.0	23.1	23.2
BED ELEVATION	8.19			7.99	7.90	7.83	7.68	7.59	7.53	7.57	7.59

TABLE 34.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2874, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 7	5-14
TIME	1102	912	852	945	1016	934	846	1334	1120	1415	
WATER SURFACE(1)	7.59	7.59	7.56	7.57	7.54	7.51	7.45	7.40	7.39	7.32	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
4	8.80-				8.80-		8.80-	8.80-	8.80-	8.80-	8.74
5	8.29-				8.29-		8.29-	8.29-	8.29-	8.29-	8.29
6	7.90-				7.90-		7.90-	7.90-	7.90-	7.90-	7.90
7	7.79-				7.79-		7.79-	7.79-	7.79-	7.79-	7.78
8	7.62-				7.62-		7.62-	7.62-	7.62-	7.62-	7.58
9	7.36 G				7.34 G		7.34 G	7.31 G	7.34 G	7.32 G	6.82
10	7.20 G				7.18 G		7.17 G	7.16 SG	7.16 G	7.17 G	7.13
11	7.05 G				7.04 G		7.04 G	7.03 SG	7.03 G	7.05 G	7.00
12	6.99 G				6.98 G		6.97 G	6.96 SG	6.95 G	6.97 G	6.93
13	6.97 G				6.94 G		6.96 MB	6.95 SG	6.96 G	6.96 G	6.92
14	6.97 G				6.97 G		6.92 MB	6.93 S	6.94 SG	6.94 S	6.87
15	7.02 CS				7.00 S		7.03 S	7.02 S	7.04 SG	7.02 S	6.89
16	7.17 CS				7.13 S		7.14 CS	7.13 S	7.14 SG	7.10 S	6.88
17	7.18 CS				7.16 S		7.17 CS	7.17 S	7.18 SG	7.18 S	6.87
18	7.22 CS				7.20 S		7.21 CS	7.20 S	7.20 SG	7.20 S	6.84
19	7.26 S				7.20 S		7.23 S	7.21 S	7.21 S	7.21 S	6.81
20	7.28 S				7.24 S		7.25 S	7.24 S	7.24 S	7.23 S	6.72
21	7.36 S				7.33 S		7.33 S	7.31 S	7.33 S	7.32 S	7.24
22	7.46 S				7.43 S		7.43 S	7.43-	7.43-	7.43-	7.35
23	7.56 S				7.56-		7.56-	7.56-	7.56-	7.56-	7.07
24	7.63-				7.63-		7.63-	7.63-	7.63-	7.63-	7.55
25	7.67-				7.67-		7.67-	7.67-	7.67-	7.67-	7.16
26	7.70-				7.70-		7.70-	7.70-	7.70-	7.70-	7.62
27	7.75-				7.75-		7.75-	7.75-	7.75-	7.75-	7.20
28	7.78-				7.78-		7.78-	7.78-	7.70-	7.78-	7.69
29	7.81-				7.81-		7.81-	7.81-	7.81-	7.81-	6.66
30	7.83-				7.83-		7.83-	7.83-	7.83-	7.83-	6.59
31	7.86-				7.86-		7.86-	7.86-	7.86-	7.86-	7.76
32	7.89-				7.89-		7.89-	7.89-	7.89-	7.89-	6.69
33	7.90-				7.90-		7.98-	7.90-	7.90-	7.90-	7.87
34	8.03-				8.03-		8.03-	8.03-	8.03-	8.03-	7.90
35	8.22-				8.22-		8.22-	8.22-	8.22-	8.22-	8.20
36	8.14-				8.14-		8.14-	8.14-	8.14-	8.14-	8.11
37	8.18-				8.18-		8.18-	8.18-	8.18-	8.18-	8.16
38	8.17-				8.17-		8.17-	8.17-	8.17-	8.17-	8.14
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.1				8.1		8.3	8.7	8.7	9.0	
BED ELEVATION	7.52				7.54		7.45	7.40	7.39	7.32	
RIGHT EDGE WATER	23.4				22.9		22.2	21.8	21.7	21.0	
BED ELEVATION	7.59				7.54		7.45	7.40	7.39	7.32	

(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:
MB = HARD BOTTOM CB = 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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 35.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2961, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1122	950	933	912	941	1045	933	1034	927	935
WATER SURFACE(1)	8.10	8.46	8.51	8.50	8.51	8.64	8.59	8.39	8.02	7.83
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	8.33*	8.36 BM	8.37 BM	8.37 BM	8.38 BM	8.35 BM	8.36 BM	8.37 BM	8.37-	8.37-
1	8.36*	8.38 BM	8.39 BM	8.38 BM	8.39 BM	8.36 BM	8.37 BM	8.38 BM	8.38-	8.38-
2	8.33*	8.36 BM	8.38 BM	8.37 BM	8.39 BM	8.35 BM	8.37 BM	8.38 BM	8.38-	8.38-
3	7.78	7.97 S	7.86 S	7.93 M	7.96 BM	7.94 BM	7.89 BM	7.88 S	7.86 S	7.86-
4	7.41	7.56 S	7.76 S	7.77 M	7.73 S	7.81 BM	7.81 S	7.76 S	7.63 S	7.63 S
5	7.35	7.46 S	7.48 S	7.76 S	7.60 S	7.67 S	7.71 S	7.59 .S	7.54 S	7.56 S
6	7.40	7.48 S	7.51 S	7.54 S	7.56 S	7.50 S	7.64 S	7.66 SG	7.52 S	7.51 S
7	7.50	7.28 S	7.36 S	7.56 S	7.50 S	7.47 S	7.59 S	7.51 SG	7.51 S	7.42 S
8	7.43	7.31 S	7.34 S	7.23 S	7.35 S	7.36 S	7.38 S	7.49 S	7.42 SG	7.36 S
9	7.40	7.24 S	7.28 S	7.15 S	7.22 S	7.16 S	7.04 S	7.38 S	7.23 S	7.30 S
10	7.18	7.19 S	7.19 S	7.13 S	7.10 S	7.03 S	7.07 S	7.19 S	7.15 S	7.20 S
11	7.13	7.07 S	7.10 S	6.98 S	7.00 S	7.00 S	6.97 S	6.93 S	7.06 S	7.10 S
12	7.02	6.96 S	7.01 S	6.97 S	6.91 S	6.86 S	6.92 S	6.95 S	7.01 S	6.99 S
13	6.91	6.87 SG	6.84 SG	6.86 G	6.88 FG	6.87 SG	6.92 S	6.85 SG	6.90 G	6.88 G
14	6.80	6.84 G	6.81 G	6.80 G	6.81 G	6.78 G	6.89 G	6.84 G	6.84 G	6.86 G
15	6.82	6.83 G	6.83 G	6.82 G	6.83 B	6.81 G	6.85 G	6.86 G	6.84 G	6.86 G
16	6.88	6.86 G	6.85 G	6.84 G	6.84 G	6.87 G	6.86 G	6.87 G	6.86 CG	6.88 G
17	6.94	6.90 G	6.88 B	6.87 G	6.91 G	6.87 G	6.89 G	6.87 G	6.90 G	6.92 G
18	7.10	7.06 G	7.06 B	7.02 G	7.09 G	6.98 G	7.09 G	7.02 G	7.10 G	7.08 G
19	7.50	7.35 G	7.34 G	7.32 G	7.32 G	7.27 G	7.33 G	7.36 G	7.64 BM	7.62 BM
20	8.10	8.10 BM	8.11 BM	7.96 M	8.11 BM	7.77 M	7.99 BM	8.01 BM	8.01-	8.01-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	2.8	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	2.9	3.1
BED ELEVATION	8.10								7.93	7.03
RIGHT EDGE WATER	28.0	20.8	20.8	20.7	20.8	>20.0	>20.0	20.7	19.9	19.7
BED ELEVATION	8.10	8.46	8.51	8.50	8.51			8.35	7.92	7.83

TABLE 35.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2961, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	955	955	1124	916	926	935	940	1015	1010	1000	1025
WATER SURFACE(1)	7.70	7.80	8.03	8.23	8.33	8.24	7.93	7.71	7.67	7.89	8.00
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-
1	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-
2	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-
3	7.86-	7.80 S	7.82 BM	7.87 BM	7.99 BM	7.98 BM	7.98-	7.98-	7.98-	7.89 S	8.00 BM
4	7.59 S	7.63 FS	7.61 FS	7.59 S	7.51 S	7.50 S	7.49 FS	7.50 FS	7.51 FS	7.54 S	7.50 S
5	7.50 S	7.52 S	7.47 FS	7.37 S	7.51 S	7.47 S	7.46 FS	7.47 S	7.44 S	7.49 S	7.40 S
6	7.45 S	7.48 CS	7.46 FS	7.47 S	7.49 S	7.46 S	7.45 S	7.41 S	7.42 S	7.45 S	7.40 S
7	7.40 S	7.38 S	7.38 FS	7.45 S	7.46 S	7.47 S	7.39 S	7.39 S	7.37 S	7.39 S	7.37 S
8	7.33 S	7.29 S	7.31 S	7.25 S	7.37 S	7.34 S	7.29 S	7.30 S	7.31 S	7.30 S	7.23 S
9	7.28 S	7.25 S	7.28 S	7.23 S	7.10 S	7.29 S	7.29 S	7.24 S	7.24 S	7.25 S	7.25 S
10	7.20 S	7.19 S	7.15 S	7.20 S	6.95 S	7.03 S	7.23 S	7.15 S	7.14 S	7.26 S	7.20 S
11	7.10 S	7.09 S	7.01 S	6.99 S	6.93 S	7.00 S	7.09 S	7.04 S	7.06 S	7.13 S	6.95 S
12	6.95 S	6.96 CS	6.94 S	6.89 S	6.89 S	6.89 S	6.90 S	7.01 S	7.05 S	7.04 S	6.93 S
13	5.85 S	6.85 FS	6.86 SG	6.83 SG	6.85 SG	6.81 SG	6.83 SG	6.87 SG	6.87 CS	6.88 S	6.87 S
14	6.82 G	6.81 G	6.83 G	6.83 G	6.81 G	6.81 SG	6.81 SG	6.84 G	6.82 G	6.85 CS	6.80 SG
15	6.92 G	6.85 G	6.83 G	6.83 G	6.81 SG	6.81 SG	6.83 SG	6.85 G	6.83 G	6.86 CS	6.81 SG
16	6.85 G	6.85 G	6.83 G	6.83 G	6.83 G	6.84 G	6.85 SG	6.90 G	6.85 G	6.88 SG	6.85 SG
17	6.89 G	6.87 G	6.88 G	6.89 G	6.85 G	6.85 G	6.87 G	6.88 G	6.88 G	6.90 G	6.85 G
18	7.05 G	7.07 G	6.99 G	7.01 SG	7.03 G	7.04 G	7.01 G	7.01 SG	7.02 G	7.05 G	7.00 G
19	7.66 BM	7.31 G	7.29 G	7.29 G	7.27 G	7.29 SG	7.59 BM	7.31 SG	7.67 BM	7.67 BM	7.59 BM
20	8.01-	8.01-	7.96 G	8.13 BM	8.13 BM	8.14 M	8.14-	8.14-	8.14-	8.14-	7.95 BM
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.5	3.0	2.8	2.7	2.4	2.7	3.2	3.4	3.4	3.0	3.0
BED ELEVATION	7.70	7.80	7.89	8.23	8.33	8.24	7.90	7.71	7.67	7.89	8.00
RIGHT EDGE WATER	19.0	19.8	20.0	20.4	20.5	20.2	19.9	19.5	19.0	19.8	20.0
BED ELEVATION	7.66	7.80	7.96	8.23	8.33	8.24	7.93	7.71	7.67	7.89	7.95

TABLE 35.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2961, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	955	1045	1050	1052	1025	955	1023	1116	1055	1008	1017
WATER SURFACE(1)	8.22	8.33	8.30	8.02	7.93	7.86	7.70	7.60	7.55	7.59	7.59
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-
1	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-
2	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-	8.38-
3	7.85 S	7.88 FS	7.84 S	7.95 BM	7.93 BM	7.93-	7.93-	7.93-	7.93-	7.93-	7.93-
4	7.48 S	7.56 S	7.54 S	7.51 S	7.49 S	7.50 FS	7.49 S	7.47 FS	7.50 S	7.49 S	7.46 S
5	7.37 S	7.55 S	7.48 S	7.50 S	7.42 S	7.44 FS	7.41 S	7.44 S	7.45 S	7.43 S	7.42 S
6	7.46 S	7.51 S	7.48 S	7.49 S	7.43 S	7.37 FS	7.36 S	7.35 S	7.40 S	7.38 S	7.35 S
7	7.37 S	7.43 S	7.45 S	7.42 S	7.38 S	7.32 FS	7.35 S	7.37 S	7.39 S	7.37 S	7.37 S
8	7.32 S	7.35 S	7.39 S	7.35 S	7.35 S	7.32 FS	7.31 SG	7.31 S	7.31 S	7.33 S	7.33 S
9	7.27 S	7.05 S	7.10 S	7.15 S	7.23 S	7.11 S	7.29 S	7.29 S	7.30 S	7.30 S	7.28 S
10	7.17 S	7.01 S	7.01 CS	7.14 S	7.20 S	7.17 S	7.23 SG	7.22 S	7.22 S	7.22 S	7.22 S
11	7.17 S	7.07 S	6.93 CS	7.11 S	7.13 S	7.06 S	7.09 S	7.11 S	7.12 S	7.09 S	7.11 S
12	7.11 S	6.93 CS	6.81 CS	7.03 S	6.98 S	7.00 S	7.00 S	6.99 S	7.01 S	7.03 S	7.01 S
13	6.87 S	6.82 G	6.89 S	6.91 S	6.99 S	6.91 S	6.95 SG	6.95 S	6.95 S	6.96 S	6.94 CS
14	6.82 SG	6.83 G	6.82 CS	6.84 SG	6.83 SG	6.84 G	6.85 G	6.87 S	6.86 CS	6.86 CS	6.84 SG
15	6.81 SG	6.82 G	6.83 G	6.82 G	6.83 G	6.84 G	6.84 G	6.85 G	6.85 G	6.85 SG	6.83 SG
16	6.84 SG	6.84 G	6.83 G	6.83 G	6.84 G	6.84 G	6.85 G	6.85 G	6.85 G	6.85 SG	6.85 SG
17	6.87 G	6.89 G	6.89 G	6.87 G	6.87 G	6.90 G	6.90 G	6.90 SG	6.90 G	6.89 G	6.88 G
18	7.02 G	7.04 G	7.08 G	7.01 G	7.07 G	7.04 G	7.06 G	7.06 SG	7.06 G	7.07 G	7.07 G
19	7.28 G	7.29 G	7.32 G	7.29 G	7.58 BM	7.35 G	7.66 BM	7.60	7.60-	7.59 BM	7.59-
20	7.97 M	8.13 G	8.16 BM	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-	8.16-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.7	2.5	2.7	2.9	3.0	3.1	3.2	3.4	3.5	3.5	3.4
BED ELEVATION	8.22	8.33	8.30	8.00	7.93	7.86	7.70	7.60	7.55	7.59	7.59
RIGHT EDGE WATER	20.2	20.7	20.5	19.9	19.9	19.8	19.5	19.0	18.9	19.0	18.9
BED ELEVATION	8.22	8.33	8.30	7.99	7.90	7.84	7.70	7.60	7.55	7.59	7.59

TABLE 35.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 2961, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 7	5-20
TIME	1056	910	849	935	1009	931	840	1317	1113	1355	
WATER SURFACE(1)	7.61	7.60	7.58	7.59	7.56	7.52	7.46	7.41	7.40	7.33	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.37-				8.37-		8.37-	8.37-	8.37-	8.37-	8.33
1	8.38-				8.38-		8.38-	8.38-	8.38-	8.38-	8.36
2	8.38-				8.38-		8.38-	8.38-	8.38-	8.38-	8.33
3	7.93-				7.93-		7.93-	7.93-	7.93-	7.93-	7.11
4	7.49 S				7.47 S		7.47-	7.47-	7.47-	7.47-	6.83
5	7.43 S				7.42 S		7.45 S	7.45-	7.45-	7.45-	6.74
6	7.40 S				7.41 S		7.39 S	7.39 S	7.40 S	7.40-	6.52
7	7.40 S				7.37 S		7.36 S	7.36 S	7.36 S	7.36-	6.62
8	7.36 S				7.35 S		7.33 S	7.32 S	7.33 S	7.31 S	6.57
9	7.31 S				7.28 S		7.26 S	7.26 S	7.25 S	7.30 S	6.61
10	7.24 S				7.18 S		7.16 S	7.17 S	7.18 S	7.18 S	6.68
11	7.14 S				7.11 S		7.13 S	7.12 S	7.10 S	7.12 S	6.68
12	7.06 S				7.06 S		7.01 S	7.01 S	6.99 S	7.00 S	6.65
13	6.98 CS				6.95 S		6.93 S	6.94 S	6.94 S	6.97 S	6.81
14	6.88 SG				6.86 8		6.85 S	6.86 CS	6.85 SG	6.90 S	6.78
15	6.85 G				6.85 G		6.85 G	6.85 CS	6.86 SG	6.86 SG	6.81
16	6.89 G				6.85 G		6.86 G	6.85 G	6.86 FG	6.86 G	6.83
17	6.90 G				6.89 G		6.91 G	6.91 G	6.90 G	6.94 G	6.85
18	7.08 G				7.11 G		7.07 G	7.06 G	7.07 G	7.13 G	6.98
19	7.34 G				7.34-		7.33 G	7.32 BM	7.32-	7.32-	7.27
20	8.16-				8.16-		8.16-	8.16-	8.16-	8.16-	7.77
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.4				3.7		4.1	5.4	6.0	7.2	
BED ELEVATION	7.61				7.56		7.46	7.41	7.40	7.33	
RIGHT EDGE WATER	19.0				18.9		19.0	19.0	18.9	18.9	
BED ELEVATION	7.34				7.31		7.33	7.32	7.30	7.33	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\- 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 3047, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1145	923	921	958	935	1050	924	1008	922	930
WATER SURFACE(1)	8.14	8.51	8.55	8.54	8.56	8.70	8.65	8.45	8.06	7.85
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	8.40*	8.41 BM	8.42 BM	8.42 BM	8.44 BM	8.42 BM	8.43 BM	8.44 BM	8.44-	8.44-
1	8.36*	8.38 BM	8.37 BM	8.38 BM	8.38 BM	8.38 BM	8.38 BM	8.37 BM	8.37-	8.37-
2	8.26*	8.27 BM	8.26 BM	8.27 BM	8.28 BM	8.26 BM	8.26 BM	8.26 BM	8.26-	8.26-
3	7.36	7.23 M	7.25 M	7.42 M	7.34 M	7.32 M	7.40 M	7.40 BM	7.39 BM	7.41 S
4	7.11	7.11 M	7.10 M	7.14 M	7.15 S	7.10 M	7.13 M	7.14 S	7.14 S	7.13 S
5	7.18	7.11 S	7.14 S	7.13 M	7.18 S	7.18 M	7.19 S	7.16 S	7.16 S	7.16 S
6	7.14	7.21 S	7.23 S	7.20 S	7.24 S	7.22 S	7.22 S	7.21 S	7.20 S	7.22 S
7	7.24	7.25 S	7.26 S	7.27 S	7.26 SG	7.25 G	7.25 SG	7.25 CS	7.18 CS	7.20 S
8	7.32	7.27 S	7.25 S	7.27 G	7.24 FG	7.20 G	7.20 CS	7.20 CS	7.19 S	7.24 S
9	7.34	7.27 S	7.25 SG	7.22 G	7.23 G	7.17 SG	7.16 FG	7.18 S	7.23 S	7.23 S
10	7.34	7.31 S	7.21 S	7.22 G	7.24 S	7.13 SG	7.15 FG	7.17 S	7.21 S	7.23 S
11	7.34	7.38 S	7.26 S	7.20 G	7.34 S	7.16 SG	7.15 FG	7.23 S	7.26 S	7.21 S
12	7.33	7.37 S	7.30 S	7.26 S	7.35 S	7.17 S	7.17 S	7.18 S	7.24 CS	7.20 S
13	7.31	7.27 S	7.19 S	7.20 S	7.33 S	7.05 S	7.17 S	7.06 FG	7.19 S	7.15 S
14	7.19	7.21 S	7.19 S	7.23 S	7.21 S	7.10 S	7.15 S	6.97 S	7.17 S	7.13 S
15	7.17	7.11 S	7.23 S	7.20 S	6.98 S	7.03 S	7.25 S	7.07 S	7.06 FG	7.14 S
16	7.22	7.18 S	7.18 S	7.12 S	7.24 S	7.08 S	7.15 S	7.11 S	7.05 FG	7.13 S
17	7.09	7.01 S	7.07 S	7.07 S	7.15 S	7.05 MB	7.12 S	6.99 S	7.08 S	7.05 S
18	7.22	7.01 S	7.05 S	6.97 S	7.03 S	7.04 S	7.05 S	6.98 S	7.01 S	6.99 S
19	7.00	7.01 S	6.95 S	6.95 S	6.93 S	6.68 G	6.95 S	6.88 S	7.03 S	6.95 S
20	6.92	7.04 S	6.90 S	6.87 M	6.96 S	6.77 S	6.90 S	6.88 S	6.93 S	6.94 S
21	7.27	7.16 S	7.24 S	7.20 M	7.25 BM	7.09 S	7.24 S	7.22 S	7.20 S	7.24 S
22	7.72	7.70 BM	7.71 BM	7.69 M	7.74 BM	7.61 BM	7.73 BM	7.69 BM	7.73 BM	7.74 M
23	8.41*	8.40 BM	8.41 BM	8.42 M	8.43 BM	8.39 BM	8.42 BM	8.43 BM	8.43-	8.43-
24	8.41*	8.42 BM	8.42 BM	8.42 M	8.44 BM	8.44 BM	8.44 BM	8.43 BM	8.43-	8.43-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	2.7	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	2.9	2.8
BED ELEVATION	8.14								7.44	7.44
RIGHT EDGE WATER	22.4	24.5	24.6	24.6	>24.0	>24.0	>24.0	24.2	22.2	22.2
BED ELEVATION	8.14	8.51	8.55	8.54				8.45	7.94	7.85

TABLE 36.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3047, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	955	948	1114	911	924	926	935	1005	1005	950	1016
WATER SURFACE(1)	7.74	7.84	8.07	8.28	8.39	8.30	7.97	7.74	7.70	7.89	8.06
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-
1	8.37-	8.37-	8.37-	8.37-	8.39 BM	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-
2	8.26-	8.26-	8.26-	8.28 BM	8.27 BM	8.28 BM	8.28-	8.28-	8.28-	8.28-	8.28-
3	7.20 S	7.41 BM	7.48 M	7.42 S	7.45 BM	7.45 M	7.46 M	7.46-	7.46 FS	7.45 M	7.46 BM
4	7.12 S	7.13 FS	7.11 S	7.14 S	7.15 BM	7.10 S	7.10 SG	7.11 S	7.12 S	7.09 S	7.11 S
5	7.16 S	7.16 FS	7.14 S	7.14 S	7.14 S	7.15 S	7.12 S	7.11 S	7.13 S	7.10 S	7.12 S
6	7.20 S	7.20 FS	7.17 S	7.20 S	7.07 S	6.98 SG	7.17 S	7.17 S	7.17 S	7.17 S	7.16 S
7	7.19 SG	7.20 SG	7.20 S	7.22 S	7.35 S	7.27 S	7.27 S	7.28 S	7.27 S	7.22 S	7.22 S
8	7.22 S	7.22 S	7.16 S	7.22 S	7.23 S	7.36 S	7.34 S	7.29 S	7.30 S	7.26 S	7.25 S
9	7.24 S	7.21 S	7.16 S	7.18 FG	7.33 S	7.45 S	7.34 S	7.36 S	7.33 S	7.32 S	7.32 S
10	7.20 S	7.24 S	7.15 S	7.18 S	7.39 S	7.44 S	7.40 S	7.34 S	7.37 S	7.34 S	7.35 S
11	7.22 S	7.20 S	7.17 S	7.20 S	7.37 S	7.33 S	7.35 S	7.29 S	7.36 S	7.34 S	7.31 S
12	7.19 S	7.19 S	7.18 S	7.24 S	7.25 S	7.24 S	7.30 S	7.40 S	7.39 S	7.34 S	7.35 S
13	7.17 S	7.18 S	7.16 S	7.24 S	7.19 S	7.33 S	7.33 S	7.38 S	7.37 S	7.25 S	7.33 S
14	7.14 S	7.16 S	7.08 S	7.26 S	7.21 S	7.35 S	7.27 S	7.24 S	7.35 S	7.35 S	7.33 S
15	7.12 S	7.10 S	7.02 S	7.00 SG	7.11 S	7.32 S	7.27 S	7.21 S	7.19 S	7.14 S	7.27 S
16	7.08 S	7.06 S	7.05 S	7.00 SG	7.13 S	7.07 S	7.17 S	7.24 S	7.15 S	7.19 S	7.22 S
17	7.02 S	7.03 CS	7.02 S	7.02 S	6.99 S	7.05 S	7.20 S	7.14 S	7.10 S	7.07 S	7.20 S
18	7.04 S	6.97 S	6.96 S	6.91 S	7.03 S	7.11 S	7.21 S	7.01 S	7.10 S	7.04 S	7.08 S
19	6.99 S	6.98 CS	7.00 S	7.01 FS	7.07 S	7.00 S	7.18 S	7.01 S	7.06 S	7.01 S	7.09 S
20	6.94 S	6.95 S	6.90 S	6.96 FS	6.94 S	7.02 S	6.94 S	7.10 S	7.07 S	7.06 S	7.06 S
21	7.19 S	7.22 S	7.18 S	7.22 M	7.12 S	7.21 S	7.15 BM	7.17 BM	7.09 S	7.11 S	7.11 S
22	7.69 S	7.79 BM	7.78 BM	7.68 M	7.72 BM	7.75 BM	7.80 BM	7.74 BM	7.74-	7.78 BM	7.76 BM
23	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-
24	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.9	2.9	2.8	2.0	1.0	1.7	2.8	3.8	2.8	2.9	2.8
BED ELEVATION	7.23	7.44	7.44	8.28	8.39	8.38	7.49	7.48	7.47	7.47	7.46
RIGHT EDGE WATER	22.0	22.1	22.4	22.4	22.5	22.4	22.4	22.0	21.9	22.3	22.4
BED ELEVATION	7.69	7.84	7.87	8.28	8.39	7.87	7.88	7.74	7.70	7.87	7.88

TABLE 36.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3047, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	950	1035	1040	1046	1020	950	1017	1112	1040	1003	1010
WATER SURFACE(1)	8.28	8.41	8.36	8.08	7.98	7.90	7.73	7.62	7.57	7.61	7.62
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-
1	8.39-	8.39 BM	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-
2	8.23 BM	8.26 BM	8.26 BM	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-
3	7.45 FS	7.36 M	7.41 S	7.46 M	7.40 M	7.45 BM	7.41 S	7.33 M	7.37 M	7.44 FS	7.39 M
4	7.08 FS	7.10 G	7.10 S	7.09 S	7.11 CS	7.08 S	7.08 S	7.09 M	7.10 FS	7.11 FS	7.09 M
5	7.10 S	7.14 SG	7.08 S	7.07 S	7.09 S	7.06 S	7.08 S	7.07 S	7.07 FS	7.06 FS	7.09 S
6	6.98 S	7.21 S	7.07 S	7.12 S	7.14 S	7.14 S	7.17 S	7.16 S	7.17 FS	7.17 S	7.17 S
7	7.13 S	7.24 S	7.10 S	7.20 S	7.14 S	7.20 S	7.22 SG	7.22 S	7.22 FS	7.23 S	7.22 S
8	7.24 S	7.29 S	7.19 S	7.33 S	7.26 S	7.30 S	7.26 SG	7.26 S	7.27 FS	7.26 S	7.26 S
9	7.28 S	7.35 CS	7.25 S	7.36 S	7.33 S	7.30 S	7.31 SG	7.31 S	7.32 S	7.31 S	7.31 S
10	7.26 S	7.22 G	7.26 CS	7.38 S	7.38 S	7.35 S	7.35 S	7.35 SG	7.37 S	7.36 CS	7.36 S
11	7.28 S	7.18 G	7.31 S	7.40 S	7.35 S	7.34 S	7.32 SG	7.32 SG	7.34 S	7.33 S	7.32 S
12	7.26 S	7.29 G	7.22 S	7.33 S	7.38 S	7.35 S	7.32 SG	7.35 SG	7.37 S	7.36 S	7.34 S
13	7.26 S	7.27 SG	7.13 CS	7.33 S	7.32 S	7.33 S	7.31 SG	7.31 SG	7.32 S	7.31 CS	7.32 S
14	7.24 S	7.25 SG	7.26 S	7.27 S	7.25 S	7.31 S	7.28 S	7.26 S	7.27 S	7.25 S	7.25 S
15	7.14 S	7.11 SG	7.26 S	7.23 S	7.23 S	7.23 S	7.24 S	7.19 S	7.21 S	7.21 S	7.18 S
16	7.16 S	7.07 SG	7.29 S	7.18 S	7.26 S	7.19 S	7.16 S	7.14 S	7.15 S	7.14 S	7.14 S
17	7.03 S	7.04 S	7.22 S	7.16 S	7.10 S	7.09 S	7.12 SG	7.11 S	7.12 S	7.10 S	7.09 S
18	6.95 S	7.04 S	7.22 S	7.15 S	7.09 S	6.99 S	7.08 SG	7.06 S	7.06 S	7.06 S	7.05 S
19	6.98 S	7.04 S	7.12 S	7.13 S	7.08 S	6.96 S	7.06 S	7.06 S	7.04 S	7.04 S	7.04 S
20	7.03 S	7.05 SG	7.01 S	7.03 S	7.02 S	7.01 S	7.03 S	6.94 S	7.07 S	7.04 S	7.03 S
21	7.11 S	7.23 SG	7.16 S	7.14 M	7.22 BM	7.20 BM	7.24 S	7.25 BM	7.27 BM	7.25 BM	7.24 BM
22	7.77 S	7.77 S	7.71 S	7.73 M	7.65 BM	7.78 BM	7.73 BM	7.73-	7.73-	7.73-	7.73-
23	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-
24	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.7	0.8	1.1	2.8	2.9	2.8	2.8	2.9	2.9	2.9	2.8
BED ELEVATION	8.28	8.41	8.36	8.02	7.50	7.47	7.44	7.48	7.47	7.48	7.41
RIGHT EDGE WATER	22.3	22.7	22.6	22.3	22.2	22.3	22.0	21.8	21.7	21.8	21.8
BED ELEVATION	7.88	8.41	8.36	7.89	7.86	7.86	7.73	7.62	7.57	7.61	7.62

TABLE 36.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3047, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 7	5-20
TIME	1054	907	847	925	958	929	825	1311	1108	1340	
WATER SURFACE(1)	7.63	7.63	7.60	7.61	7.58	7.54	7.48	7.42	7.41	7.33	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.44-				8.44-		8.44-	8.44-	8.44-	8.44-	8.40
1	8.39-				8.39-		8.39-	8.39-	8.39-	8.39-	8.36
2	8.26-				8.26-		8.26-	8.26-	8.26-	8.26-	8.23
3	7.40 M				7.38 M		7.38 M	7.02 M	7.41 M	7.41-	7.02
4	7.09 M				7.09 S		7.08 M	7.10 M	7.11 M	7.12 BM	6.70
5	7.09 FS				7.08 S		7.08 FS	7.09 FS	7.11 SG	7.08 SG	6.68
6	7.17 S				7.17 S		7.17 S	7.17 S	7.16 SB	7.18 SG	6.86
7	7.22 S				7.22 S		7.22 S	7.22 S	7.22 SG	7.22 SG	6.69
8	7.26 S				7.25 S		7.27 CS	7.26 S	7.26 SG	7.27 SG	6.69
9	7.31 SG				7.31 SG		7.31 CS	7.31 S	7.31 SG	7.33 SG	6.80
10	7.36 SG				7.36 SG		7.36 CS	7.34 S	7.35 SG	7.35-	6.81
11	7.33 SG				7.33 SG		7.35 CS	7.33 S	7.32 SG	7.32-	6.76
12	7.36 SG				7.36 SG		7.35 CS	7.32 S	7.34 SG	7.33 SG	6.76
13	7.31 SG				7.31 SG		7.33 CS	7.32 S	7.31 SG	7.31 SG	6.69
14	7.25 SG				7.23 SG		7.25 CS	7.24 S	7.24 SG	7.24 SG	6.65
15	7.21 SG				7.18 SG		7.18 S	7.19 S	7.17 SG	7.17 SG	6.71
16	7.15 S				7.13 SG		7.15 S	7.14 S	7.15 SG	7.13 SG	6.74
17	7.11 S				7.08 SG		7.08 S	7.08 S	7.08 S	7.09 SG	6.81
18	7.07 S				7.05 S		7.06 S	7.05 S	7.05 S	7.04 SG	6.81
19	7.09 S				7.05 S		7.05 S	7.02 S	7.02 S	7.04 SG	6.57
20	7.04 S				7.03 S		7.05 S	7.03 S	7.02 S	7.02 SG	6.58
21	7.25 BM				7.28 BM		7.25 BM	7.21 BM	7.25 BM	7.27 BM	6.88
22	7.73-				7.73-		7.73-	7.73-	7.73-	7.73-	7.28
23	8.43-				8.43-		8.43-	8.43-	8.43-	8.43-	8.39
24	8.43-				8.43-		8.43-	8.43-	8.43-	8.43-	8.41
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.8				2.8		2.8	2.9	3.0	3.2	
BED ELEVATION	7.49				7.48		7.48	7.42	7.41	7.33	
RIGHT EDGE WATER	21.8				21.7		21.5	21.4	21.4	21.2	
BED ELEVATION	7.63				7.58		7.48	7.42	7.41	7.33	
LEFT EDGE BAR										9.0	
BED ELEVATION										7.33	
RIGHT EDGE BAR										12.0	
BED ELEVATION										7.33	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\- 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 3108, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1155	900	910	905	932	1114	919	1001	916	919
WATER SURFACE(1)	8.17	8.52	8.56	8.54	8.56	8.71	8.65	8.46	8.07	7.86
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	8.36*	8.39 BM	8.39 BM	8.39 BM	8.38 BM	8.36 BM	8.37 BM	8.38 BM	8.38-	8.38-
1	8.35*	8.37 BM	8.36 BM	8.38 BM	8.36 BM	8.35 M	8.37 BM	8.38 BM	8.38-	8.38-
2	8.37*	8.39 BM	8.37 BM	8.40 BM	8.39 BM	8.35 M	8.35 BM	8.36 BM	8.36-	8.36-
3	7.44	7.42 M	7.42 BM	7.46 BM	7.44 BM	7.43 M	7.44 M	7.48 BM	7.45 BM	7.43 S
4	7.21	7.20 M	7.13 M	7.09 BM	7.08 B	7.06 M	7.07 G	7.12 BM	7.10 G	7.08 G
5	7.05	7.04 FG	7.06 G	7.05 G	7.06 G	7.04 G	7.05 FG	7.05 FG	7.05 G	7.05 G
6	7.14	7.10 FG	7.08 G	7.06 G	7.08 G	7.09 G	7.09 FG	7.07 SG	7.07 G	7.09 G
7	6.97	7.10 FG	7.10 G	7.08 G	7.09 G	7.09 G	7.09 FG	7.10 G	7.07 G	7.08 G
8	7.12	7.10 FG	7.08 G	7.06 G	7.09 G	7.08 G	7.08 FG	7.06 FG	7.08 G	7.06 G
9	7.10	7.08 FG	7.07 G	7.04 G	7.07 G	7.05 G	7.09 SG	7.05 S	7.07 SG	7.06 G
10	7.17	7.07 G	7.06 G	7.04 G	7.05 G	7.04 G	7.05 SG	7.05 G	7.05 G	7.08 S
11	7.17	7.02 G	7.01 B	7.02 G	7.02 G	6.99 G	6.99 G	7.05 SG	7.03 S	7.09 S
12	7.07	7.02 FG	7.00 G	6.98 G	6.96 S	6.92 G	6.99 G	6.98 S	7.00 S	7.02 S
13	7.07	7.02 SG	6.96 G	6.94 G	6.95 S	6.91 G	6.96 G	7.08 S	7.04 S	7.09 S
14	7.10	7.08 S	6.97 SG	6.96 SG	6.98 S	6.90 G	6.96 SG	6.96 S	7.07 S	7.10 S
15	7.17	7.24 S	7.10 S	7.02 CS	7.00 S	6.94 S	7.03 S	7.03 S	7.11 S	7.09 S
16	7.17	7.28 S	7.03 S	7.08 S	6.99 S	7.00 S	7.00 S	6.91 S	7.05 S	7.04 S
17	7.27	7.14 S	7.17 S	7.11 S	7.09 S	6.91 S	7.01 S	6.99 S	7.02 S	7.03 S
18	7.17	7.23 S	7.18 S	7.22 FS	7.24 S	7.03 S	7.04 S	7.05 BM	7.02 S	7.02 S
19	8.09	8.07 BM	8.05 BM	8.07 BM	8.08 BM	8.05 BM	8.09 BM	8.09 BM	8.09-	8.09-
20	8.29*	8.28 BM	8.30 BM	8.32 BM	8.33 BM	8.28 BM	8.27 BM	8.33 BM	8.33-	8.33-
21	8.47*	8.48 BM	8.48 BM	8.47 BM	8.47 BM	8.42 BM	8.47 BM	8.47-	8.47-	8.47-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	2.7	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	2.8	3.0
BED ELEVATION	8.17								8.07	7.43
RIGHT EDGE WATER	19.8	>21.0	>21.0	>21.0	>21.0	>21.0	>21.0	20.5	18.9	18.5
BED ELEVATION	8.17							8.46	8.07	7.19

TABLE 37.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3108, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	1002	1010	1130	925	931	945	950	1030	1030	1012	1030
WATER SURFACE(1)	7.75	7.85	8.08	8.31	8.42	8.33	7.98	7.75	7.71	7.90	8.07
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.38-	8.38-	8.38-	8.38-	8.39 BM	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-
1	8.38-	8.38-	8.38-	8.38-	8.39 BM	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-
2	8.36-	8.36-	8.36-	8.36-	8.37 BM	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-
3	7.43 BM	7.44 M	7.87 BM	7.88 M	7.45 BM	7.90 BM	7.84 BM	7.43 BM	7.44 BM	7.44 M	7.43 BM
4	7.10 S	7.07 FG	7.12 M	7.13 S	7.09 BM	7.10 G	7.08 S	7.08 BM	7.06 BM	7.07 G	7.07 SG
5	7.06 G	7.06 FG	7.05 M	7.06 G	7.05 SG	7.06 G	7.05 SG	7.05 G	7.05 G	7.05 G	7.06 G
6	7.07 G	7.07 FG	7.08 G	7.09 G	7.08 SG	7.08 G	7.07 G	7.06 G	7.07 G	7.07 G	7.08 G
7	7.08 SG	7.08 SG	7.07 G	7.18 S	7.10 G	7.11 SG	7.03 SG	7.06 SG	7.07 G	7.07 G	7.08 G
8	7.06 SG	7.08 SG	7.08 G	7.09 SG	7.07 G	7.11 S	7.03 G	7.06 SG	7.07 SG	7.04 G	7.06 G
9	7.06 SG	7.07 SG	7.12 S	7.11 S	7.12 SG	7.10 SG	7.08 S	7.04 SG	7.07 SG	7.05 G	7.07 SG
10	7.07 SG	7.06 SG	7.17 S	7.13 S	7.20 S	7.11 S	7.07 S	7.07 S	7.04 SG	7.03 FG	7.07 S
11	7.06 S	7.05 SG	7.17 S	7.05 SG	7.21 S	7.14 S	7.11 SG	7.10 S	7.09 SG	7.07 SG	7.13 S
12	7.07 S	7.06 S	7.12 S	7.18 SG	7.36 S	7.18 SG	7.18 S	7.12 S	7.02 SG	7.11 SG	7.15 FS
13	7.05 S	7.03 SG	7.27 S	7.43 SG	7.55 S	7.20 SG	7.20 S	7.22 SG	7.20 SG	7.19 SG	7.17 S
14	7.11 S	7.10 S	7.29 S	7.59 CS	7.33 S	7.27 SG	7.26 SG	7.26 SG	7.27 SG	7.25 SG	7.26 S
15	7.12 S	7.14 S	7.40 S	7.44 S	7.39 S	7.34 SG	7.33 SG	7.33 SG	7.33 SG	7.31 SG	7.31 SG
16	7.12 S	7.14 S	7.20 S	7.39 S	7.40 S	7.37 SG	7.38 SG	7.37 SG	7.36 SG	7.36 SG	7.37 SG
17	7.02 S	7.02 S	7.18 S	7.31 S	7.49 S	7.41 FG	7.43 SG	7.41 SG	7.39 SG	7.38 SG	7.39 SG
18	7.03 S	7.03 S	7.03 SG	7.33	7.34 S	7.32 S	7.31 S	7.32 S	7.28 S	7.30 S	7.35 S
19	8.09-	8.09-	8.09-	8.16 BM	8.10 BM	8.13 S	8.13-	8.13-	8.13-	8.13-	8.13-
20	8.33-	8.33-	8.33-	8.31 BM	8.32 BM	8.33 BM	8.33-	8.33-	8.33-	8.33-	8.33-
21	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.0	3.0	2.8	2.3	< 0.0	2.2	2.9	3.0	3.0	3.0	2.8
BED ELEVATION	7.43	7.44	8.08	8.14		8.33	7.98	7.43	7.44	7.44	8.07
RIGHT EDGE WATER	18.6	18.6	18.8	20.0	20.3	20.0	18.7	18.7	18.5	18.6	18.9
BED ELEVATION	7.28	7.26	8.08	8.31	8.42	8.33	7.98	7.19	7.19	7.18	8.07

TABLE 37.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3108, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	956	1046	1100	1100	1040	952	1023	1120	1045	1020	1035
WATER SURFACE(1)	8.31	8.43	8.39	8.09	7.99	7.91	7.74	7.63	7.57	7.62	7.63
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-
1	8.39-	8.39 BM	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-
2	8.37-	8.37 BM	8.37 BM	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-
3	7.42 S	7.42 BM	7.61 BM	7.81 BM	7.85 BM	7.85 BM	7.42 BM	7.42-	7.42-	7.42-	7.42-
4	7.09 SG	7.08 S	7.09 SG	7.08 M	7.11 S	7.11 S	7.10 FS	7.06 FG	7.06 G	7.07 FS	7.13 M
5	7.05 G	7.02 SG	7.07 G	7.05 G	7.07 G	7.05 G	7.03 G	7.06 G	7.05 G	7.04 SG	7.05 G
6	7.10 G	7.01 SG	7.10 G	7.06 G	7.07 G	7.07 G	7.05 G	7.06 G	7.06 G	7.04 SG	7.06 G
7	7.07 G	7.05 SG	7.09 S	7.07 G	7.08 G	7.06 G	7.05 G	7.08 G	7.06 G	7.04 FG	7.08 G
8	7.06 G	7.03 SG	7.09 S	7.07 G	7.07 G	7.06 G	7.04 G	7.04 G	7.05 G	7.03 FG	7.06 SG
9	7.06 G	7.14 S	7.08 S	7.06 SG	7.06 G	7.05 G	7.04 G	7.05 G	7.04 G	7.03 FG	7.04 SG
10	7.03 G	7.13 S	7.18 S	7.05 SG	7.06 FG	7.05 G	7.04 FG	7.06 FG	7.06 SG	7.04 FG	7.05 SG
11	7.10 S	7.04 SG	7.21 SG	7.12 FG	7.12 SG	7.12 S	7.12 FG	7.12 SG	7.11 SG	7.11 SG	7.11 SG
12	7.25 S	7.10 S	7.27 S	7.18 FG	7.19 S	7.17 SG	7.17 SG	7.18 SG	7.17 SG	7.19 SG	7.19 SG
13	7.29 S	7.30 S	7.27 S	7.24 FG	7.27 SG	7.25 SG	7.24 SG	7.25 SG	7.25 SG	7.23 SG	7.24 SG
14	7.38 S	7.36 S	7.27 S	7.24 FG	7.24 SG	7.24 S	7.23 SG	7.23 SG	7.24 SG	7.22 SG	7.23 SG
15	7.20 S	7.45 S	7.34 S	7.23 FG	7.24 SG	7.27 SG	7.23 SG	7.24 SG	7.25 SG	7.23 SG	7.23 SG
16	7.40 S	7.45 S	7.35 SG	7.32 FG	7.33 SG	7.31 SG	7.32 SG	7.31 SG	7.33 SG	7.32 SG	7.32 SG
17	7.31 S	7.32 SG	7.37 S	7.35 FG	7.35 SG	7.35 S	7.33 SG	7.34 SG	7.33 SG	7.32 SG	7.32 SG
18	7.34 S	7.39 S	7.37 S	7.35 FG	7.37 S	7.36 S	7.36 CS	7.33 S	7.32 S	7.33 SG	7.34 S
19	8.11 BM	8.11 BM	8.13 BM	8.13-	8.13-	8.13-	8.13-	8.13-	8.13-	8.13-	8.13-
20	8.31	8.33 BM	8.33 BM	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-
21	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	2.2	0.4	1.7	2.8	2.9	3.0	3.0	3.1	3.1	3.1	3.1
BED ELEVATION	8.08	8.43	8.39	8.09	7.99	7.85	7.42	7.41	7.40	7.40	7.41
RIGHT EDGE WATER	20.0	20.2	20.4	18.9	18.6	18.6	18.7	18.6	18.7	18.6	18.7
BED ELEVATION	8.31	8.43	8.39	8.09	7.27	7.27	7.25	7.26	7.26	7.26	7.26

TABLE 37.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 310B, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 7	5-20
TIME	1045	902	844	930	1013	925	830	1306	1100	1325	
WATER SURFACE(1)	7.64	7.64	7.61	7.61	7.59	7.55	7.49	7.43	7.42	7.35	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.36
1	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.39-	8.35
2	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.37-	8.35
3	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.42-	7.15
4	7.10 M	7.12 M	7.10 M	7.12 M	7.10 FS	7.13 FS	7.12 FS	7.12 M	7.13 M	7.13 BM	6.84
5	7.05 G	7.04 M	7.04 FG	7.01 FG	7.04 FG	7.05 G	7.04 SG	7.03 SG	7.05 S	7.04 SG	6.93
6	7.06 G	7.05 SG	7.05 FG	7.03 FG	7.06 FG	7.05 G	7.06 SG	7.06 SG	7.06 S	7.06 SG	6.87
7	7.07 G	7.06 SG	7.04 FG	7.06 FG	7.07 FG	7.06 SG	7.07 SG	7.04 SG	7.08 SG	7.06 SG	6.93
8	7.07 SG	7.06 SG	7.03 FG	7.03 FG	7.05 FG	7.04 SG	7.06 SG	7.03 SG	7.06 SG	7.06 SG	6.92
9	7.04 SG	7.04 SG	7.03 SG	7.03 FG	7.04 SG	7.04 SG	7.05 SG	7.03 SG	7.04 SG	7.05 SG	7.02
10	7.05 SG	7.05 SG	7.03 SG	7.02 FG	7.06 SG	7.04 SG	7.06 SG	7.04 SG	7.04 SG	7.07 S	7.02
11	7.12 SG	7.12 SG	7.11 SG	7.10 FG	7.11 SG	7.11 SG	7.11 SG	7.11 SG	7.11 SG	7.12 S	6.97
12	7.16 SG	7.16 SG	7.17 SG	7.17 SG	7.18 SG	7.16 S	7.17 S	7.15 S	7.17 SG	7.13 S	6.92
13	7.24 SG	7.24 SG	7.24 SG	7.23 SG	7.26 SG	7.24 SG	7.25 SG	7.22 S	7.25 SG	7.24 S	6.90
14	7.23 SG	7.24 SG	7.22 SG	7.21 SG	7.24 SG	7.23 SG	7.22 SG	7.23 S	7.23 SG	7.24 S	6.66
15	7.24 SG	7.24 SG	7.23 FG	7.22 SG	7.24 SG	7.23 SG	7.24 SG	7.23 S	7.22 SG	7.25 S	6.67
16	7.32 SG	7.33 SG	7.31 FG	7.31 FG	7.32 SG	7.31 SG	7.32 SG	7.32 S	7.32 SG	7.31 S	6.60
17	7.33 SG	7.34 SG	7.32 FG	7.32 FG	7.33 SG	7.33 SG	7.33 SG	7.33 S	7.33 SG	7.35 S	6.66
18	7.33 S	7.33 SG	7.34 FG	7.32 FG	7.33 S	7.34 FS	7.35 S	7.34 S	7.36 SG	7.35 S	6.84
19	8.13-	8.13-	8.13-	8.13-	8.13-	8.13-	8.13-	8.13-	8.13-	8.13-	8.05
20	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.33-	8.27
21	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.42
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.4	
BED ELEVATION	7.42	7.41	7.40	7.40	7.30	7.44	7.40	7.43	7.42	7.35	
RIGHT EDGE WATER	18.7	18.6	18.7	18.6	18.6	18.6	18.6	18.6	18.7	18.7	
BED ELEVATION	7.25	7.25	7.26	7.24	7.26	7.25	7.27	7.25	7.26	7.28	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\- 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 3168, EAST FORK RIVER, WYOMING, 1979

DATE	5-14	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1000	1204	835	956	954	921	1122	906	952	908	909
WATER SURFACE(1)	7.48	8.17	8.51	8.54	8.53	8.55	8.73	8.65	8.46	8.07	7.86
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.43*	8.41*	8.43 BM	8.43 BM	8.43 BM	8.44 BM	8.41 BM	8.43 BM	8.44 BM	8.44-	8.44-
1	8.16*	8.16	8.16 BM	8.16 BM	8.15 BM	8.14 BM	8.15 BM	8.10 BM	8.14 BM	8.14-	8.14-
2	7.11	7.06	7.12 G	7.09 G	7.11 G	7.12 G	7.06 G	7.09 G	7.10 G	7.09 G	7.12 S
3	7.08	7.06	7.06 G	7.05 G	7.08 G	7.05 G	7.03 G	7.05 G	7.17 G	7.07 G	7.23 S
4	7.04	6.99	6.98 G	7.01 G	6.98 G	7.03 G	6.96 G	6.96 G	6.97 G	6.99 G	7.35 S
5	7.00	6.95	6.93 G	6.91 G	6.93 G	6.94 G	6.91 G	6.94 G	6.95 G	6.99 S	7.29 S
6	6.97	6.87	6.87 G	6.86 G	6.85 G	6.87 G	6.85 G	6.85 G	6.86 G	7.02 S	7.24 S
7	6.97	6.85	6.83 G	6.86 G	6.93 G	6.83 G	6.81 G	6.83 G	6.88 S	6.98 S	7.18 S
8	6.91	6.80	6.79 G	6.76 G	6.87 G	6.75 G	6.76 G	6.77 S	6.80 S	7.00 S	7.19 S
9	6.96	6.81	6.71 G	6.69 G	6.68 G	6.74 SG	6.72 G	6.75 S	6.74 S	6.87 S	7.03 S
10	6.98	6.85	6.71 G	6.67 G	6.67 G	6.66 G	6.67 G	6.73 S	6.81 S	6.86 S	6.77 S
11	6.99	6.91	6.71 SG	6.66 G	6.65 G	6.67 FG	6.66 S	6.75 S	6.66 S	6.72 S	6.94 S
12	6.98	6.92	6.78 S	6.71 G	6.71 G	6.76 G	6.71 G	6.75 G	6.76 G	6.76 G	6.76 G
13	7.02	6.97	7.00 S	6.90 G	6.93 G	7.00 G	6.97 G	6.98 G	6.96 G	6.99 G	7.00 G
14	7.94*	7.95	7.95 BM	7.94 BM	7.93 BM	7.93 BM	7.84 BM	7.99 BM	7.94 BM	7.96 BM	7.96-
15	8.14*	8.17	8.15 BM	8.12 BM	8.16 BM	8.27 BM	8.11 BM	8.16 BM	8.25 BM	8.25-	8.25-
16	8.37*	8.35*	8.33 BM	8.32 BM	8.33 BM	8.34 BM	8.31 BM	8.34 BM	8.35 BM	8.35-	8.35-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.5	0.8	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	< 0.0	1.1	1.1
BED ELEVATION	7.25	8.17								8.07	7.27
RIGHT EDGE WATER	13.6	15.0	>16.0	>16.0	>16.0	>16.0	>16.0	>16.0	>16.0	14.8	13.8
BED ELEVATION	7.16	8.17								7.98	7.86

TABLE 30.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3168, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	951	952	1122	918	925	935	940	1020	1015	1000	1023
WATER SURFACE(1)	7.78	7.88	8.12	8.34	8.44	8.33	7.99	7.76	7.72	7.92	8.09
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.44-	8.44-	8.44-	8.44-	8.43 BM	8.43-	8.43-	8.43-	8.43-	8.43-	8.43-
1	8.14-	8.14-	8.10 BM	8.11 M	8.13 BM	8.08 S	8.08-	8.08-	8.08-	8.08-	8.09 BM
2	7.29 S	7.27 S	7.30 S	7.16 FS	7.10 G	7.11 G	7.10 G	7.11 SG	7.10 M	7.20 S	7.29 FS
3	7.31 S	7.42 S	7.23 S	7.07 G	7.06 G	7.06 G	7.08 G	7.07 G	7.08 FS	7.42 S	7.19 S
4	7.20 S	7.36 S	7.08 SG	6.99 G	6.98 G	6.98 G	7.01 G	7.02 G	7.03 FS	7.42 S	7.18 S
5	7.23 S	7.31 S	7.15 SG	7.08 S	6.95 G	6.94 G	6.97 G	6.97 SG	7.07 FS	7.29 S	7.19 S
6	7.21 S	7.16 S	7.19 S	7.02 S	6.88 G	6.88 G	6.87 G	7.00 S	7.04 FS	7.09 S	7.25 S
7	7.29 S	6.98 SG	7.27 S	6.93 SG	6.85 SG	6.84 G	6.84 SG	6.99 FS	7.02 S	7.01 S	7.15 S
8	7.36 S	7.11 SG	7.22 S	6.99 SG	6.79 SG	6.79 SG	6.82 SG	6.95 S	7.05 S	7.20 S	7.09 S
9	7.36 S	7.28 SG	7.01 SG	6.90 SG	6.76 S	6.74 G	6.79 SG	6.91 S	7.04 S	7.24 S	7.11 S
10	7.16 S	7.42 S	7.09 SG	6.74 SG	6.75 S	6.70 G	6.71 SG	6.81 S	7.03 S	7.38 S	6.92 S
11	7.32 S	7.35 S	7.07 SG	6.82 S	6.75 S	6.71 S	6.71 SG	6.73 SG	6.86 S	7.20 S	6.99 S
12	7.24 S	7.26 S	7.18 SG	6.86 S	6.83 S	6.73 G	6.77 SG	6.76 G	6.79 G	7.29 SG	7.04 S
13	7.20 S	7.23 S	7.17 SG	7.05 SG	6.99 G	6.99 G	7.02 SG	7.02 G	7.05 G	7.14 SG	7.07 SG
14	7.96-	7.96-	7.94 BM	7.91 BM	7.96 BM	7.93 BM	7.98 BM	7.98-	7.98-	7.98-	8.01 BM
15	8.25-	8.25-	8.25-	8.21 BM	8.19 BM	8.20 BM	8.20-	8.20-	8.20-	8.20-	8.20-
16	8.35-	8.35-	8.35-	8.34 BM	8.35 BM	8.35-	8.35-	8.35-	8.35-	8.35-	8.35-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.1	1.1	0.9	0.6	< 0.0	0.6	1.1	1.3	1.4	1.2	1.0
BED ELEVATION	7.30	7.27	8.12	8.34		8.33	7.99	7.74	7.72	7.92	8.09
RIGHT EDGE WATER	13.7	13.8	14.9	16.0	>16.0	15.5	14.1	13.7	13.7	13.9	14.9
BED ELEVATION	7.78	7.88	8.12	8.34		8.33	7.99	7.76	7.72	7.92	8.01

TABLE 38.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3168, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	939	1038	1050	1055	1030	947	1017	1110	1037	1010	1027
WATER SURFACE(1)	8.34	8.45	8.40	8.09	7.99	7.92	7.75	7.63	7.59	7.63	7.64
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.43-	8.44 BM	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-
1	8.12 BM	8.17 BM	8.10 BM	8.06 BM	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-
2	7.20 S	7.14 SG	7.10 G	7.09 FG	7.09 G	7.11 G	7.12 G	7.10 G	7.11 SG	7.11 S	7.12 S
3	7.09 SG	7.05 G	7.09 G	7.06 G	7.08 G	7.08 G	7.11 SG	7.09 FS	7.10 FS	7.09 S	7.11 S
4	7.01 G	6.97 G	7.01 G	6.99 G	7.00 G	7.04 S	7.05 S	7.07 FS	7.08 FS	7.11 S	7.17 S
5	6.99 S	6.92 G	6.95 G	6.94 G	6.97 G	7.03 S	7.02 S	7.01 FS	7.07 FS	7.15 S	7.21 S
6	6.94 S	6.86 G	6.90 G	6.85 G	6.89 G	7.00 S	7.02 S	7.05 FS	7.08 S	7.16 S	7.20 S
7	6.99 S	6.83 G	6.85 G	6.86 G	6.84 SG	6.95 S	7.05 S	7.03 FS	7.09 S	7.12 S	7.24 SG
8	7.05 S	6.76 SG	6.79 G	6.79 G	6.82 S	6.99 S	7.04 S	7.06 S	7.14 S	7.23 S	7.25 SG
9	6.98 S	6.73 SG	6.75 G	6.73 G	6.83 S	6.93 S	7.02 SG	7.02 S	7.11 S	7.24 S	7.22 SG
10	6.94 S	6.67 S	6.71 G	6.70 S	6.72 S	6.81 S	7.02 SG	7.00 S	7.22 S	7.26 S	7.21 SG
11	6.86 S	6.69 S	6.70 G	6.67 G	6.73 S	6.70 SG	6.92 S	6.91 S	7.08 S	7.12 S	7.17 SG
12	6.83 S	6.78 S	6.79 SG	6.79 CS	6.78 SG	6.75 SG	6.77 G	6.81 S	6.81 SG	7.02 S	7.11 SG
13	7.07 SG	7.02 SG	7.04 G	7.04 S	7.02 G	7.00 G	7.00 G	7.02 G	7.04 G	7.01 G	7.05 G
14	8.00 BM	7.85 S	7.98 BM	7.96 M	7.97 BM	7.97-	7.97-	7.97-	7.97-	7.97-	7.97-
15	8.20 BM	8.19 BM	8.19 BM	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-
16	8.34 BM	8.36 BM	8.36 BM	8.36-	8.36-	8.36-	8.36-	8.36-	8.36-	8.36-	8.36-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	0.6	< 0.0	0.2	0.9	1.1	1.2	1.4	1.4	1.3	1.4	1.5
BED ELEVATION	8.34		8.40	8.09	7.99	7.92	7.19	7.21	7.19	7.22	7.21
RIGHT EDGE WATER	16.0	>16.0	>16.0	14.8	14.0	13.9	13.8	13.7	13.6	13.5	13.5
BED ELEVATION	8.34			7.98	7.97	7.92	7.75	7.63	7.17	7.15	7.14

TABLE 38.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3168, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 7	5-14
TIME	1041	850	839	850	1004	913	823	1251	1055	1259	
WATER SURFACE(1)	7.65	7.64	7.62	7.62	7.60	7.56	7.50	7.44	7.43	7.35	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.44-	8.41
1	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-	8.06
2	7.12 S	7.12 S	7.12 S	7.12 S	7.11 FS	7.11 S	7.12 FS	7.10 M	7.13 M	7.10 M	6.96
3	7.22 S	7.14 S	7.12 S	7.11 S	7.07 SG	7.06 SG	7.08 SG	7.06 FS	7.06 S	7.06 FG	7.01
4	7.21 S	7.13 S	7.05 S	7.06 S	7.07 SG	7.03 SG	7.01 SG	7.00 SG	7.03 SG	7.00 FG	6.96
5	7.13 S	7.18 S	7.12 S	7.04 S	7.06 FS	7.04 SG	7.02 FS	6.99 SG	7.02 S	6.96 S	6.91
6	7.22 CS	7.13 S	7.14 S	7.01 SG	7.06 CS	7.05 CS	7.05 CS	7.04 CS	7.07 S	6.99 S	6.85
7	7.21 CS	7.23 S	7.13 S	7.10 FG	7.08 CS	7.08 CS	7.09 CS	7.07 CS	7.09 CS	7.02 S	6.81
8	7.22 CS	7.24 SG	7.11 FG	7.11 FG	7.11 CS	7.12 CS	7.11 CS	7.10 CS	7.12 CS	7.06 S	6.58
9	7.19 CS	7.21 FG	7.19 FG	7.15 FG	7.18 CS	7.18 CS	7.18 CS	7.16 CS	7.17 CS	7.07 S	6.68
10	7.14 SG	7.16 FG	7.18 FG	7.17 FG	7.18 CS	7.18 SG	7.18 CS	7.18 CS	7.18 CS	7.05 S	6.61
11	7.12 SG	7.12 FG	7.12 FG	7.12 FG	7.12 CS	7.13 SG	7.11 CS	7.11 CS	7.12 CS	7.11 S	6.63
12	7.08 CS	7.06 FG	7.06 FG	7.06 FG	7.05 CS	7.05 S	7.05 CS	7.04 FS	7.04 CS	7.03 S	6.71
13	7.05 G	7.04 G	7.03 G	7.05 G	7.00 G	7.05 G	7.04 G	7.04 G	7.05 G	7.03 SG	6.90
14	7.97-	7.97-	7.97-	7.97-	7.97-	7.97-	7.97-	7.97-	7.97-	7.97-	7.84
15	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.19-	8.11
16	8.36-	8.36-	8.36-	8.36-	8.36-	8.36-	8.36-	8.36-	8.36-	8.36-	8.31
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.4	1.5	1.4	1.1	1.5	1.3	1.4	1.4	1.4	1.4	
BED ELEVATION	7.22	7.19	7.19	7.32	7.19	7.19	7.31	7.19	7.18	7.17	
RIGHT EDGE WATER	13.5	13.6	13.5	13.5	13.5	13.5	13.6	13.4	13.4	13.6	
BED ELEVATION	7.15	7.14	7.14	7.14	7.16	7.18	7.17	7.14	7.14	7.15	

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 3256, EAST FORK RIVER, WYOMING, 1979

DATE	5-20	5-23	5-24	5-25	5-26	5-27	5-28	5-30	5-31	6- 1
TIME	1212	1245	847	835	908	1134	858	944	900	950
WATER SURFACE(1)	8.25	8.60	8.64	8.64	8.65	8.80	8.73	8.54	8.17	7.98
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)									
0	8.60*	8.60-	8.60-	8.60-	8.60-	8.60 BM	8.61 BM	8.61-	8.61-	8.61-
1	8.63*	8.63-	8.63-	8.63-	8.63-	8.63 BM	8.67 BM	8.67-	8.67-	8.67-
2	8.09	8.17	8.09 S	8.14 BM	8.07 S	8.04 S	8.07 S	8.10 S	8.06 S	8.06-
3	7.87	8.02	7.92 S	7.99 S	7.96 S	7.98 S	7.99 S	7.99 S	8.12 S	8.12-
4	7.93	7.69	7.80 S	7.92 S	7.84 S	7.85	7.93 S	8.05 S	8.04 S	7.95 S
5	7.47	7.56	7.69 S	7.86 S	7.71 S	7.78 S	7.74 S	8.04 S	7.97 S	7.79 S
6	7.43	7.53	7.62 S	7.77 S	7.81 S	7.73 S	7.83 S	7.92 S	7.76 S	7.55 S
7	7.36	7.44	7.58 S	7.74 S	7.77 S	7.48 S	7.51 S	7.60 S	7.69 S	7.54 S
8	7.30	7.56	7.64 S	7.59 S	7.71 S	7.58 S	7.65 S	7.66 S	7.61 S	7.52 S
9	7.27	7.50	7.61 S	7.70 S	7.72 S	7.57 S	7.44 S	7.72 S	7.59 S	7.47 S
10	7.25	7.38	7.67 S	7.63 S	7.62 S	7.53 S	7.49 S	7.76 S	7.42 S	7.48 S
11	7.27	7.32	7.59 S	7.59 S	7.66 S	7.50 S	7.55 SG	7.71 S	7.54 S	7.42 CS
12	7.27	7.29	7.49 S	7.56 S	7.58 S	7.54 S	7.63 S	7.64 S	7.49 S	7.40 SG
13	7.31	7.32	7.41 S	7.47 CS	7.51 FG	7.49 G	7.54 S	7.58 S	7.49 S	7.39 FG
14	7.37	7.38	7.34 G	7.39 G	7.37 G	7.35 G	7.43 CS	7.44 FG	7.46 G	7.45 FG
15	7.35	7.47	7.39 G	7.42 G	7.43 G	7.37 G	7.39 G	7.39 G	7.38 G	7.36 G
16	7.46	7.53	7.42 G	7.46 G	7.44 G	7.40 G	7.40 G	7.40 G	7.40 G	7.41 G
17	7.55	7.56	7.45 G	7.46 G	7.46 G	7.46 G	7.48 G	7.44 G	7.45 G	7.44 G
18	7.59	7.59	7.49 G	7.56 G	7.54 G	7.52 G	7.49 G	7.52 G	7.44 G	7.50 G
19	7.55	7.56	7.62 BM	7.61 BM	7.63 BM	7.58 BM	7.59 BM	7.60 BM	7.62 BM	7.69 BM
20	7.67	7.59	7.69 BM	7.69 BM	7.70 BM	7.66 BM	7.68 BM	7.67 BM	7.70 BM	7.67 BM
21	7.64	7.66	7.63 BM	7.69 BM	7.68 BM	7.72 BM	7.61 BM	7.67 BM	7.68 BM	7.68 BM
22	7.73	7.69	7.74 BM	7.71 BM	7.73 BM	7.65 BM	7.65 BM	7.69 BM	7.75 BM	7.81 BM
23	7.78	7.99	7.73 BM	7.74 BM	7.74 BM	7.71 BM	7.73 BM	7.73 BM	7.75 BM	7.80 BM
24	8.10	8.23	8.04 BM	8.19 BM	8.08 BM	8.03 BM	8.04 BM	8.07 BM	8.11 BM	8.11-
25	8.25+	8.25	8.24 BM	8.26 BM	8.25 BM	8.18 BM	8.21 BM	8.25 BM	8.25-	8.25-
26	8.48*	8.47	8.45 BM	8.49 BM	8.48 BM	8.45 BM	8.44 BM	8.46 BM	8.46-	8.46-
27	8.57*	8.56	8.55	8.58 BM	8.56 BM	8.55 BM	8.54 BM	8.54-	8.54-	8.54-
28	8.72*	8.72-	8.72-	8.72-	8.72-	8.71 BM	8.70 BM	8.70-	8.70-	8.70-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS									
LEFT EDGE WATER	1.8	1.8	1.6	1.7	1.7	< 0.0	< 0.0	1.7	1.8	3.7
BED ELEVATION	8.11	8.60	8.64	8.64	8.65			8.11	8.12	7.98
RIGHT EDGE WATER	24.9	27.5	27.6	27.6	27.7	28.3	28.2	26.8	24.6	23.5
BED ELEVATION	8.25	8.60	8.64	8.64	8.65	8.80	8.73	8.54	8.17	7.98

TABLE 39.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3256, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6- 2	6- 3	6- 4	6- 5	6- 6	6- 7	6- 8	6- 9	6-10	6-11	6-12
TIME	940	931	1110	905	917	925	933	1010	1003	955	1017
WATER SURFACE(1)	7.86	7.95	8.19	8.42	8.51	8.41	8.07	7.85	7.80	8.00	8.15
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-
1	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-
2	8.06-	8.06-	8.07 S	8.07 FS	8.10 S	8.14 S	8.14-	8.14-	8.14-	8.14-	8.05 FS
3	8.12-	8.12-	8.11 S	8.07 FS	8.04 S	8.01 S	8.02 S	8.02-	8.02-	8.00 S	8.00 FS
4	7.95-	7.92 S	7.86 S	7.83 FS	7.87 S	7.94 S	7.98 S	7.85 S	7.80 S	7.86 S	7.82 FS
5	7.61 S	7.56 S	7.53 S	7.52 FS	7.55 S	7.78 S	7.72 S	7.72 S	7.54 S	7.50 SG	7.47 S
6	7.56 S	7.50 S	7.43 S	7.45 FS	7.44 S	7.59 S	7.75 S	7.59 S	7.54 S	7.42 SG	7.44 S
7	7.32 G	7.41 S	7.39 S	7.40 FS	7.39 S	7.55 S	7.87 S	7.53 S	7.39 S	7.35 SG	7.45 S
8	7.43 S	7.28 SG	7.31 S	7.27 S	7.35 S	7.63 S	7.65 S	7.43 S	7.32 S	7.25 SG	7.32 S
9	7.31 S	7.21 FG	7.26 SG	7.29 S	7.29 S	7.59 S	7.57 S	7.43 S	7.24 SG	7.23 G	7.34 CS
10	7.40 S	7.26 FG	7.27 SG	7.30 S	7.31 S	7.51 S	7.52 S	7.33 S	7.27 FG	7.26 G	7.24 G
11	7.33 FG	7.27 FG	7.29 SG	7.25 CS	7.40 S	7.59 S	7.52 S	7.32 SG	7.29 FG	7.26 G	7.24 G
12	7.36 FG	7.36 FG	7.36 SG	7.29 FG	7.36 S	7.51 FG	7.47 S	7.35 FG	7.32 FG	7.30 SG	7.26 FG
13	7.38 FG	7.37 FG	7.34 SG	7.31 FG	7.34 FG	7.49 FG	7.42 SG	7.37 FG	7.38 FG	7.33 SG	7.32 FG
14	7.44 FG	7.43 FG	7.46 SG	7.41 FG	7.41 FG	7.41 G	7.42 SG	7.42 FG	7.43 FG	7.40 FG	7.35 FG
15	7.37 G	7.38 G	7.38 G	7.40 G	7.39 G	7.40 G	7.35 CS	7.37 G	7.39 G	7.36 G	7.35 G
16	7.40 G	7.44 G	7.41 G	7.42 G	7.41 G	7.43 G	7.42 CS	7.42 G	7.43 G	7.41 G	7.37 CG
17	7.44 G	7.44 G	7.46 G	7.45 G	7.45 G	7.44 G	7.45 CS	7.43 G	7.45 G	7.44 G	7.43 CG
18	7.50 G	7.51 G	7.52 G	7.53 G	7.50 G	7.51 G	7.52 CS	7.49 G	7.50 G	7.52 G	7.51 CG
19	7.70 BM	7.70 BM	7.64 BM	7.63 BM	7.61 BM	7.63 BM	7.65 BM	7.68 BM	7.69 BM	7.70 BM	7.62 BM
20	7.66 BM	7.57 BM	7.69 BM	7.70 BM	7.69 BM	7.71 BM	7.65 BM	7.67 BM	7.67 BM	7.68 BM	7.69 BM
21	7.67 BM	7.67 BM	7.68 BM	7.63 BM	7.66 BM	7.68 BM	7.67 BM	7.68 BM	7.67 BM	7.68 BM	7.64 BM
22	7.78 BM	7.77 BM	7.77 BM	7.69 BM	7.78 BM	7.69 BM	7.78 BM	7.78 BM	7.79 BM	7.78 BM	7.72 BM
23	7.80 BM	7.81 BM	7.83 BM	7.76 BM	7.73 BM	7.73 BM	7.77 BM	7.80 BM	7.79 BM	7.78 BM	7.75 BM
24	8.11-	8.11-	8.13 BM	8.10 BM	8.09 BM	8.15 BM	8.15-	8.15-	8.15-	8.15-	8.09 BM
25	8.25-	8.25-	8.25-	8.30 BM	8.28 BM	8.29 BM	8.29-	8.29-	8.29-	8.29-	8.29-
26	8.46-	8.46-	8.46-	8.46-	8.48 BM	8.48-	8.48-	8.48-	8.48-	8.48-	8.48-
27	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-
28	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	4.1	3.8	1.8	1.8	1.7	1.8	2.8	4.0	4.0	3.0	1.8
BED ELEVATION	7.86	7.95	8.13	8.11	8.13	8.15	8.07	7.85	7.80	8.00	8.15
RIGHT EDGE WATER	23.2	23.5	24.5	25.7	26.2	25.5	23.8	23.2	23.1	23.7	24.7
BED ELEVATION	7.86	7.95	8.19	8.42	8.51	8.41	8.07	7.85	7.80	8.00	8.15

TABLE 39.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3256, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22	6-23
TIME	935	1030	1040	1045	1023	940	1009	1103	1022	1000	1019
WATER SURFACE(1)	8.41	8.54	8.47	8.15	8.06	7.99	7.80	7.69	7.64	7.68	7.69
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										
0	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-	8.61-
1	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-	8.67-
2	8.09 S	8.03 BM	8.07 S	8.06 FS	8.06 FS	8.06-	8.06-	8.06-	8.06-	8.06-	8.06-
3	8.03 S	7.93 BM	7.94 S	8.00 FS	7.96 FS	7.95 FS	7.95-	7.95-	7.95-	7.95-	7.95-
4	7.78 S	7.75 S	7.74 S	7.94 FS	7.83 FS	7.84 FS	7.80 FS	7.80-	7.80-	7.80-	7.80-
5	7.52 FS	7.52 S	7.53 S	7.77 FS	7.48 S	7.57 S	7.47 SG	7.46 FG	7.46 FG	7.47 G	7.47 FG
6	7.47 S	7.45 S	7.45 S	7.52 S	7.47 S	7.40 S	7.38 SG	7.39 SG	7.38 G	7.39 G	7.36 G
7	7.41 S	7.40 S	7.42 S	7.53 S	7.53 S	7.49 S	7.31 SG	7.30 G	7.31 G	7.33 G	7.33 G
8	7.35 S	7.28 S	7.37 S	7.60 S	7.52 S	7.46 S	7.27 SG	7.25 G	7.24 G	7.24 G	7.26 G
9	7.31 S	7.25 S	7.22 FG	7.53 S	7.44 S	7.37 S	7.21 SG	7.22 G	7.22 G	7.20 G	7.22 G
10	7.28 S	7.30 S	7.27 SG	7.53 S	7.39 S	7.37 S	7.25 FG	7.26 G	7.27 G	7.27 G	7.27 G
11	7.26 FG	7.33 S	7.29 SG	7.51 CS	7.46 SG	7.30 SG	7.28 FG	7.27 FG	7.30 FG	7.29 FG	7.30 FG
12	7.27 FG	7.30 SG	7.32 SG	7.41 CS	7.36 FG	7.33 FG	7.33 FG	7.34 FG	7.34 FG	7.35 FG	7.37 FG
13	7.31 FG	7.34 SG	7.33 G	7.37 FG	7.37 FG	7.39 FG	7.37 FG	7.38 FG	7.39 FG	7.38 FG	7.38 FG
14	7.39 G	7.40 G	7.39 G	7.40 G	7.40 G	7.41 G	7.41 FG	7.44 FG	7.44 FG	7.42 FG	7.42 FG
15	7.38 G	7.36 G	7.41 G	7.33 G	7.35 G	7.38 G	7.39 G	7.39 G	7.40 G	7.38 G	7.40 G
16	7.41 G	7.41 G	7.39 G	7.39 CG	7.40 G	7.39 G	7.40 G	7.44 G	7.42 G	7.43 G	7.45 G
17	7.43 G	7.42 G	7.45 G	7.42 CG	7.42 G	7.45 G	7.43 G	7.47 G	7.45 G	7.47 G	7.46 G
18	7.55 G	7.52 G	7.52 G	7.50 CG	7.51 G	7.54 G	7.49 G	7.51 G	7.51 G	7.50 G	7.51 G
19	7.61 BM	7.62 BM	7.61 BM	7.63 BM	7.66 BM	7.65 SG	7.68 BM	7.69 BM	7.69-	7.69-	7.69-
20	7.69 BM	7.69 BM	7.67 BM	7.69 BM	7.70 BM	7.71 BM	7.68 BM	7.68 BM	7.68-	7.68-	7.68 BM
21	7.66 BM	7.66 BM	7.65 BM	7.64 BM	7.66 BM	7.69 BM	7.67 BM	7.67-	7.67-	7.67-	7.67-
22	7.76 BM	7.80 BM	7.68 BM	7.71 BM	7.75 BM	7.80 BM	7.79 BM	7.79-	7.79-	7.79-	7.79-
23	7.75 BM	7.75 BM	7.75 BM	7.75 BM	7.77 BM	7.82 BM	7.78 BM	7.78-	7.78-	7.78-	7.78-
24	8.10 BM	8.11 BM	8.09 BM	8.13 BM	8.13-	8.13-	8.13-	8.13-	8.13-	8.13-	8.13-
25	8.29 BM	8.30 BM	8.26 BM	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-	8.26-
26	8.48-	8.49 BM	8.47 BM	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-	8.47-
27	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-	8.54-
28	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-	8.70-
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	1.8	1.7	1.8	1.8	2.0	2.8	4.0	4.2	4.3	4.3	4.2
BED ELEVATION	8.13	8.54	8.09	8.12	8.06	7.99	7.80	7.69	7.64	7.68	7.69
RIGHT EDGE WATER	25.7	26.3	26.0	24.5	23.9	23.5	23.1	20.5	18.5	18.8	20.5
BED ELEVATION	8.41	8.54	8.47	8.15	8.06	7.99	7.80	7.69	7.64	7.68	7.69
LEFT EDGE BAR											18.8
BED ELEVATION											7.69
RIGHT EDGE BAR											19.5
BED ELEVATION											7.69

TABLE 39.- STREAMBED ELEVATIONS AND BED MATERIAL, CROSS SECTION 3256, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	6-24	6-25	6-26	6-27	6-28	6-30	7- 2	7-11	7-21	10- 7	5-20
TIME	1033	845	830	844	958	907	818	1247	1045	1249	
WATER SURFACE(1)	7.70	7.70	7.67	7.67	7.66	7.62	7.57	7.52	7.51	7.46	
DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)										FLOOR(4)
0	8.61-				8.61-		8.61-	8.61-	8.61-	8.61-	8.60
1	8.67-				8.67-		8.67-	8.67-	8.67-	8.67-	8.63
2	8.06-				8.06-		8.06-	8.06-	8.06-	8.06-	8.03
3	7.95-				7.95-		7.95-	7.95-	7.95-	7.95-	7.87
4	7.80-				7.80-		7.80-	7.80-	7.80-	7.80-	7.69
5	7.46 G				7.47 FG		7.47 G	7.46 G	7.47 G	7.47-	7.46
6	7.38 G				7.38 FG		7.39 G	7.37 G	7.37 G	7.40 G	7.37
7	7.31 G				7.32 G		7.33 G	7.32 G	7.29 G	7.30 G	7.29
8	7.23 G				7.26 G		7.26 G	7.24 G	7.25 G	7.26 G	7.23
9	7.20 G				7.24 FG		7.22 G	7.23 G	7.21 G	7.26 G	7.20
10	7.25 G				7.27 G		7.27 G	7.26 G	7.26 G	7.26 G	7.24
11	7.28 G				7.28 G		7.28 G	7.27 G	7.28 G	7.30 G	7.24
12	7.36 G				7.35 FG		7.34 G	7.33 FG	7.32 FG	7.33 G	7.26
13	7.36 G				7.39 FG		7.39 G	7.40 FG	7.40 FG	7.40 FG	7.23
14	7.41 G				7.44 FG		7.44 G	7.43 FG	7.42 FG	7.43 FG	7.27
15	7.38 G				7.41 G		7.40 G	7.37 G	7.37 G	7.41 G	7.27
16	7.40 G				7.44 G		7.43 G	7.42 G	7.41 G	7.40 G	7.37
17	7.45 G				7.45 G		7.46 G	7.45 G	7.44 G	7.44 G	7.42
18	7.50 G				7.51 G		7.52 G	7.52 G	7.52-	7.52-	7.44
19	7.69-				7.69-		7.69-	7.69-	7.69-	7.69-	7.51
20	7.68 BM				7.68-		7.68-	7.68-	7.68-	7.68-	7.53
21	7.67-				7.67-		7.67-	7.67-	7.67-	7.67-	7.52
22	7.79-				7.79-		7.79-	7.79-	7.79-	7.79-	7.53
23	7.78-				7.78-		7.78-	7.78-	7.78-	7.78-	7.54
24	8.13-				8.13-		8.13-	8.13-	8.13-	8.13-	8.03
25	8.26-				8.26-		8.26-	8.26-	8.26-	8.26-	8.18
26	8.47-				8.47-		8.47-	8.47-	8.47-	8.47-	8.44
27	8.54-				8.54-		8.54-	8.54-	8.54-	8.54-	8.54
28	8.70-				8.70-		8.70-	8.70-	8.70-	8.70-	8.70
	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS										
LEFT EDGE WATER	4.2				4.2		4.4	4.6	4.7	5.2	
BED ELEVATION	7.70				7.66		7.57	7.52	7.51	7.46	
RIGHT EDGE WATER	20.5				18.6		18.3	18.0	17.9	17.7	
BED ELEVATION	7.70				7.66		7.57	7.52	7.51	7.44	
LEFT EDGE BAR	18.8										
BED ELEVATION	7.70										
RIGHT EDGE BAR	19.2										
BED ELEVATION	7.70										

(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.
* ELEVATION DETERMINED BY LEVEL SURVEY.
\+ 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 SECTIONS 0043, 1662, AND 2510, EAST FORK RIVER, WYOMING, JULY 31, 1979

SECTION	0043	1662	2510
TIME	1330	1300	1230
WATER SURFACE(1)	5.33	6.59	7.05

DISTANCE(2)	BED ELEVATIONS(1), IN METERS, AND BED MATERIAL(3)		
0		7.43-	8.32-
1	6.58-	7.36-	8.24-
2	6.13-	7.31-	8.08-
3	5.74-	7.31-	7.97-
4	5.29-	7.31-	8.03-
5	5.33 S	7.47-	7.93-
6	5.29 S	7.34-	7.84-
7	5.11 S	6.71-	7.83-
8	4.61 S	6.83-	7.78-
9	4.93 S	6.65-	7.74-
10	4.93 S	6.59	7.40-
11	4.89 S	6.25 FS	7.18-
12	4.74 S	5.70 S	7.18-
13	4.14 S	5.47 S	7.05 S
14	3.76 S	5.49 S	6.92 S
15	3.81 S	5.67 S	6.81 S
16	3.75 S	5.79 S	6.78 S
17	4.23 S	5.91 S	6.65 S
18	4.46 S	6.03 S	6.56 S
19	4.79 S	6.09 S	6.63 G
20	5.08 S	6.14 S	6.65 G
21	5.48-	6.05 S	6.68 G
22	6.29-	6.03 S	6.70 G
23	6.41-	6.29 G	6.63 G
24	6.59-	6.81-	7.56-
25		7.58-	7.82-
26			7.98-

	DISTANCES(2) TO AND BED ELEVATIONS(1) AT EDGES OF WATER, IN METERS		
LEFT EDGE WATER	5.8	10.0	13.0
BED ELEVATION	5.33	6.59	7.05
RIGHT EDGE WATER	20.7	23.9	23.6
BED ELEVATION	5.33	6.47	6.63

(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 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.- CHANGE IN CROSS-SECTIONAL AREA OF BED MATERIAL SINCE FIRST MEASUREMENT, IN SQUARE METERS, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION	1155	1241	1315	1396	1481	1662	1695	1766	1830	1901	1996	2082	2194
WIDTH(1)	22.0	18.0	22.5	12.0	16.0	16.5	17.0	19.0	22.5	14.5	15.0	20.0	15.5
DATE													
5-14(2)	--	--	0.0	--	--	0.0	--	--	--	--	--	--	0.0
5-20(3)	0.0	0.0	0.2	0.0	0.0	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5
5-23	-0.4	0.0	1.1	-0.2	0.8	-5.4	0.9	-1.3	1.4	-3.0	-0.7	1.2	-2.9
5-24	-0.2	-0.7	2.0	-0.2	1.3	-7.4	0.7	-1.5	1.1	-3.5	-0.7	1.0	-2.8
5-25	0.7	-1.1	2.9	-0.2	1.1	-6.8	1.2	-2.1	1.1	-3.5	-0.7	1.0	-3.1
5-26	0.0	-0.9	2.7	-0.6	1.0	-7.1	1.0	-0.8	0.2	-3.9	-0.9	1.4	-2.9
5-27	0.2	-0.9	3.2	-0.2	1.8	-7.1	1.9	-0.8	0.0	-3.9	-0.9	1.4	-2.6
5-28	-0.2	-1.6	2.7	0.0	1.6	-7.3	2.6	-0.9	0.7	-3.8	-0.7	1.8	-2.5
5-30	-0.4	-2.0	3.4	-0.1	1.3	-7.4	2.0	-1.3	-0.4	-3.9	-0.6	1.8	-2.6
5-31	-1.3	-1.1	9.0	0.0	1.3	-6.8	1.9	-1.5	-0.4	-3.4	0.6	2.0	-2.6
6- 1	-1.5	-0.7	4.1	0.0	1.6	-6.9	1.4	-1.9	0.0	-3.6	1.5	2.6	-2.5
6- 2	-1.5	2.5	3.2	0.2	1.9	-6.3	1.4	-1.3	-0.2	-3.2	2.6	2.2	-2.8
6- 3	-1.3	2.5	2.7	0.6	1.8	-5.9	1.0	-1.1	0.0	-3.3	2.7	1.4	-2.2
6- 4	-1.5	0.5	2.0	0.0	1.1	-5.9	0.9	-1.3	0.0	-2.9	2.3	0.6	-0.6
6- 5	0.4	0.9	2.2	-0.1	0.8	-6.1	0.7	-0.6	-0.2	-3.3	2.1	0.0	-1.5
6- 6	0.4	-0.2	2.9	-0.4	1.6	-6.3	1.0	-1.3	0.5	-2.3	0.3	0.0	-2.6
6- 7	-0.7	0.2	3.6	-0.2	1.6	-5.9	1.4	-1.3	0.9	-1.0	0.2	1.0	-2.8
6- 8	-1.5	-0.2	3.8	0.2	1.6	-5.8	0.9	-1.3	2.3	-1.0	0.0	1.2	-2.3
6- 9	-2.0	-0.2	3.8	0.4	1.8	-5.4	1.2	-1.5	1.4	-0.6	0.8	1.8	-2.5
6-10	-2.0	-0.2	3.2	0.5	1.6	-5.3	0.9	-1.3	1.1	-0.7	1.1	1.6	-1.5
6-11	-1.8	2.2	2.2	0.2	1.3	-5.6	0.3	-1.3	1.1	-1.0	1.8	1.2	-0.3
6-12	-1.5	2.0	1.8	-0.1	1.0	-5.6	0.7	-0.2	1.1	-1.0	1.4	1.2	-0.3
6-13	-0.9	0.7	1.8	-0.4	0.5	-5.4	0.0	-0.8	1.1	-2.2	0.3	0.2	-0.9
6-14	-0.2	0.7	2.2	-0.4	1.0	-5.4	0.2	-1.5	2.0	-2.6	-0.4	0.6	-2.3
6-15	-1.1	0.4	2.0	-0.7	1.1	-6.3	1.4	-1.5	2.3	-2.3	-0.3	1.0	-2.2
6-16	-1.3	-0.2	2.7	-0.5	1.1	-6.8	1.0	-1.1	2.0	-2.3	-0.3	1.4	-2.2
6-17	-1.8	-0.5	2.5	-0.1	1.4	-5.9	1.2	-1.1	1.8	-2.6	0.5	1.6	-1.5
6-18	-2.0	-0.2	3.2	0.1	1.1	-5.4	0.5	-1.5	1.1	-2.9	0.8	1.2	0.6
6-19	-2.0	0.4	2.2	0.1	1.8	-5.4	0.5	-1.5	1.4	-2.6	1.8	1.0	0.2
6-20	-2.2	0.4	2.0	0.5	1.0	-5.3	0.5	-0.9	0.5	-2.5	1.4	1.0	0.6
6-21	-2.2	0.4	1.6	0.6	0.6	-5.1	0.3	3.0	0.0	-2.3	1.5	1.2	0.5
6-22	-2.2	2.7	1.1	0.5	0.6	-4.8	0.3	3.2	-0.2	-2.3	1.4	1.2	0.2
6-23	-2.2	2.3	1.1	0.4	0.6	-5.1	0.3	3.4	0.0	-2.5	1.7	1.0	0.3
6-24	-2.2	2.5	0.9	0.1	0.5	-5.1	0.2	3.4	-0.2	-2.3	2.0	1.0	0.3
6-25	-2.2	2.0	0.9	0.2	0.5	-5.1	0.0	3.0	-0.2	--	1.7	0.8	--
6-26	-2.2	2.3	0.7	0.2	--	-5.1	0.2	3.0	-0.2	--	1.7	--	--
6-27	-2.2	2.3	0.4	0.1	0.5	-5.3	0.0	2.9	--	--	1.7	--	--
6-28	-2.2	2.0	0.4	0.0	0.5	-5.3	0.2	2.7	-0.4	-2.5	1.5	1.0	0.3
6-30	-2.2	2.0	0.4	--	--	-4.9	0.2	2.7	--	--	--	--	--
7- 2	-2.2	2.0	0.2	0.2	0.5	-4.5	0.3	2.7	-1.1	-2.5	1.7	1.0	0.3
7-11	-2.4	1.8	0.0	0.2	-8.2	-4.3	0.2	2.7	-2.7	-2.6	1.7	1.0	0.2
7-21	-2.0	2.0	0.0	0.2	0.0	-4.5	0.3	2.9	-2.9	-2.5	1.7	1.0	0.0
7-31	--	--	--	--	--	-4.3	--	--	--	--	--	--	--
10- 7(4)	-1.4	--	-0.2	0.4	-0.2	-3.6	0.0	2.3	-2.9	-2.2	1.5	0.8	0.2

TABLE 42.- CHANGE IN CROSS-SECTIONAL AREA OF BED MATERIAL SINCE FIRST MEASUREMENT, IN SQUARE METERS, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION	2278	2356	2422	2510	2608	2690	2778	2874	2961	3047	3108	3168	3256
WIDTH(1)	20.0	20.5	19.0	20.5	15.0	15.5	21.0	25.5	15.5	17.5	14.5	11.5	16.5
DATE													
5-14	--	--	--	0.0	--	--	--	0.0	--	--	--	0.0	--
5-20	-0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	-0.9	0.0
5-23	-1.0	-0.4	0.8	2.3	-1.6	-0.5	-0.2	2.0	-0.5	-0.5	-0.3	-1.5	1.2
5-24	-0.4	0.2	2.5	1.2	-1.3	-0.8	0.0	2.0	-0.2	-0.7	-1.0	-1.8	2.1
5-25	0.0	0.0	3.6	0.8	-1.5	-0.6	0.0	2.5	0.0	-1.0	-1.3	-1.6	3.1
5-26	-0.8	0.8	3.8	0.2	-1.2	-0.9	-0.2	1.8	0.0	-0.5	-1.3	-1.6	3.1
5-27	-0.8	0.8	4.2	-2.3	-1.5	-1.2	-0.2	0.8	-0.3	-2.3	-1.9	-1.8	2.1
5-28	-1.2	2.3	4.2	-2.5	-1.0	-0.6	1.3	0.5	0.3	-1.2	-1.4	-1.5	2.5
5-30	-0.6	3.7	2.3	-2.5	-1.0	-0.3	3.4	2.5	0.5	-1.9	-1.4	-1.3	4.0
5-31	-0.8	3.9	1.3	-2.5	-0.7	0.0	2.5	2.8	0.2	-1.2	-1.2	-0.6	2.8
6- 1	-0.6	4.3	1.5	-2.9	-0.7	0.5	1.7	2.5	0.3	-1.2	-0.9	1.2	1.8
6- 2	-0.6	3.7	1.3	-2.9	-0.9	1.7	0.6	2.8	-0.2	-1.4	-0.9	3.2	0.8
6- 3	-0.2	4.1	1.3	-2.9	-0.7	2.9	0.2	2.5	-0.3	-1.4	-0.9	3.1	0.3
6- 4	-0.4	4.1	1.1	-2.9	-0.6	1.4	-0.2	1.8	-0.5	-1.9	0.4	2.0	0.3
6- 5	-1.0	3.1	0.4	-2.3	-0.7	1.2	-0.6	1.3	-0.6	-1.4	1.5	-0.5	0.2
6- 6	-1.6	2.5	-0.4	-1.6	0.0	0.5	-0.4	1.5	-0.9	-0.7	1.7	-1.3	0.5
6- 7	-1.6	2.5	-0.8	-0.6	-0.5	0.2	0.2	1.5	-0.6	0.0	0.9	-1.5	2.5
6- 8	-1.8	2.7	-0.8	-1.6	-1.0	0.5	1.3	1.8	-0.5	0.4	0.6	-1.3	2.6
6- 9	-1.6	2.5	-0.6	-1.6	-0.7	0.6	1.3	1.5	-0.3	0.2	0.6	-0.7	1.0
6-10	-1.8	2.5	-0.4	-1.4	-0.9	1.6	0.2	1.8	-0.5	0.2	0.4	0.2	0.3
6-11	-1.6	2.7	-0.2	-1.8	-0.9	2.3	0.0	1.3	0.0	-0.3	0.3	3.0	-0.2
6-12	-1.2	2.3	-0.8	-0.8	-1.0	2.3	-0.2	1.3	-0.9	0.2	0.6	1.5	-0.2
6-13	-1.2	1.2	-1.3	-0.8	-0.6	0.9	-0.2	0.8	-0.3	-1.2	0.7	-0.1	0.0
6-14	-0.8	0.4	-1.3	0.8	0.0	0.2	0.0	1.3	-0.6	-0.7	0.9	-1.6	-0.2
6-15	-1.4	-0.2	-0.8	0.8	-0.5	0.2	0.2	1.8	-0.8	-0.5	1.2	-1.4	0.0
6-16	-0.2	0.2	-0.9	1.0	-1.2	0.2	0.2	1.0	-0.3	0.2	0.4	-1.5	1.7
6-17	0.2	0.8	-0.8	0.8	-1.2	0.9	0.6	0.8	-0.2	0.0	0.6	-1.3	0.8
6-18	0.4	0.6	-0.2	0.6	-1.0	1.2	0.6	0.5	-0.6	-0.3	0.4	-0.6	0.5
6-19	0.2	1.0	0.4	0.4	-0.9	1.4	0.6	0.8	-0.3	-0.2	0.3	0.2	-0.3
6-20	0.4	0.8	0.8	0.4	-0.6	2.2	0.4	0.8	-0.2	-0.3	0.4	0.2	-0.2
6-21	0.2	0.8	1.3	0.6	-0.7	2.8	0.2	0.8	-0.2	0.0	0.4	1.0	-0.2
6-22	-0.2	1.0	0.8	0.2	-0.7	3.4	0.2	0.8	-0.2	-0.2	0.3	1.7	-0.2
6-23	-0.2	1.0	0.9	0.4	-0.9	3.4	0.0	0.8	-0.3	-0.2	0.4	2.2	-0.2
6-24	0.4	1.2	0.8	0.6	-0.7	3.9	0.0	1.0	0.2	0.0	0.4	2.1	-0.3
6-25	--	0.8	0.6	0.4	-0.7	4.0	0.0	--	--	--	0.4	1.8	--
6-26	--	1.2	0.4	--	-0.7	3.9	--	--	--	--	0.3	1.5	--
6-27	--	1.2	0.6	--	-0.7	3.7	--	--	--	--	0.1	1.2	--
6-28	-0.2	1.0	0.6	0.4	-0.5	3.6	-0.2	0.8	-0.2	-0.2	0.4	1.2	-0.2
6-30	--	1.0	0.6	0.4	0.2	3.3	--	--	--	--	0.3	1.2	--
7- 2	0.0	1.0	0.6	0.2	0.0	3.1	0.0	0.8	-0.2	-0.2	0.4	1.2	-0.2
7-11	-0.4	1.0	0.4	0.2	0.2	2.9	0.2	0.5	-0.2	-0.3	0.3	0.9	-0.3
7-21	-0.4	1.0	0.8	0.2	0.0	2.9	--	0.8	-0.3	-0.3	0.4	1.2	-0.3
7-31	--	--	--	0.2	--	--	--	--	--	--	--	--	--
10- 7	-0.2	1.2	2.3	0.6	0.0	2.6	--	0.5	0.0	-0.3	0.4	0.6	-0.2

(1) ACTIVE WIDTH OF CHANNEL, IN METERS.
(2) SECTIONS 0421, 0808, 1315, 1662, AND 2194 MEASURED ON 5-15.
(3) SECTIONS 0043 THRU 1241 MEASURED ON 5-21.
(4) SECTIONS 0043 THRU 0516 MEASURED ON 10- 9 AND SECTIONS 0602 THRU 2194 MEASURED ON 10- 8.

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