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DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

PART V. Bed-Material Tracers, 1979 and 1980

By William W. Emmett and Robert M. Myrick

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ABSTRACT

Bed-material particles, mostly coarse sand and fine gravel, were extracted from the streambed, dyed a fluorescent color, and reinjected into the streambed. During 1979, by bed-material sampling, and during 1980, by bedload sampling, the downstream dispersed distribution of tracer particles was measured. Complete data of the tracer studies are presented in a series of tables. The text contains supplementary explanation of the data, and examples of data are illustrated in graphical format. The text also contains some background information, complementary hydraulic information, and complete reference to other research on the East Fork River, Wyoming.

INTRODUCTION

Since 1967, the East Fork River in western Wyoming has been a field laboratory for the study of fluvial processes. Studies on the East Fork River and its principal tributary, Muddy Creek, have been reported by Andrews (1977, 1979a, 1979b, 1981, 1982a, 1982b), Bagnold (1977, 1980), Bennett and Nordin (1977), Dietrich (1982a, 1982b), Dietrich, Smith, and Dunne (1979), Dunne and Leopold (1978), Emmett (1980a, 1980b, 1981, 1982a, 1982b), Emmett and Leopold (1977), Emmett, Leopold, and Myrick (1983), Emmett, Myrick, and Meade (1980, 1982), Klingeman and Emmett (1982), Leopold (1982a, 1982b), Leopold and Emmett (1976, 1977, 1982), Lisle (1976, 1979, 1982), Mahoney and others (1976), Meade, Emmett, and Myrick (1981a, 1981b), Meade, Myrick, and Emmett (1980, 1982), and Prestegard (1982a, 1982b).

Beginning in 1979 and continuing through 1980, the program was intensified to provide more definitive data on bedload transport along a reach of stream channel. Two principal differences distinguish the 1979 and 1980 data collections. First, during 1979, 41 cross sections were spaced approximately at equal distances along a 3.3-km (kilometer) reach; during 1980, 44 cross sections were spaced approximately at equal distances along the downstream most 1.83 km of the 1979 reach. Second, during 1979, bed-material sampling at each cross section was the dominant sediment measurement; during 1980, bedload measurements were the dominant sediment data collected at each cross section.

Data for the 1979 field season have been published as parts I and II of this series of reports (Emmett, Myrick and Meade, 1980; Meade, Myrick, and Emmett, 1980). Data for the 1980 field season have been published as parts III and IV (Emmett, Myrick, and Meade, 1982; Meade, Myrick, and Emmett, 1982). Parts I and III contain data on river hydraulics, channel geometry, and rate and gradation of transported sediment. Parts II and IV tabulate the river-bed elevations that were measured and the types of bed material that were observed during several months at cross sections along the channel.

Prior to the 1979 field season, bed-material particles were dyed with a fluorescent resin coating, and separate-colored particles were injected as bed-material tracers at three sections within the study reach. This report (Part V) primarily tabulates observations related to tracking of fluorescent particles and is the last in the series of data compilations for the intensified studies begun during 1979 on the East Fork River.

## BACKGROUND

The East Fork River originates in the Wind River Range of Wyoming west of the Continental Divide and east and south of Mt. Bonneville (fig. 1). From a series of small alpine lakes and an altitude of approximately 3,400 m (meters), the East Fork River descends about 1,250 m in 50 river km to the project reach described in this report. Downstream from the study reach, it continues another 50 km to its confluence with the New Fork River, tributary to the Green River.

During 1979, the study reach was 3.3 km long and terminated downstream at a bedload trap constructed across the river (Leopold and Emmett, 1976; Emmett, 1980a). The general configuration of this study reach is shown in figure 2; the number shown at each section is the centerline distance in meters upstream from the bedload trap. During 1980, only the downstream most 1.83 km of the 1979 reach were extensively measured. Exceptions were data on river stage, water discharge, and suspended sediment that were collected at a distance of 2505 m, 5 m downstream from section 2510. (Given distances, for example 2505 m, are hereafter referred to as sections, for example section 2505, if the distance is being used as a reference location.) Additional cross sections and the general configuration of the 1980 study reach are shown in figure 3.

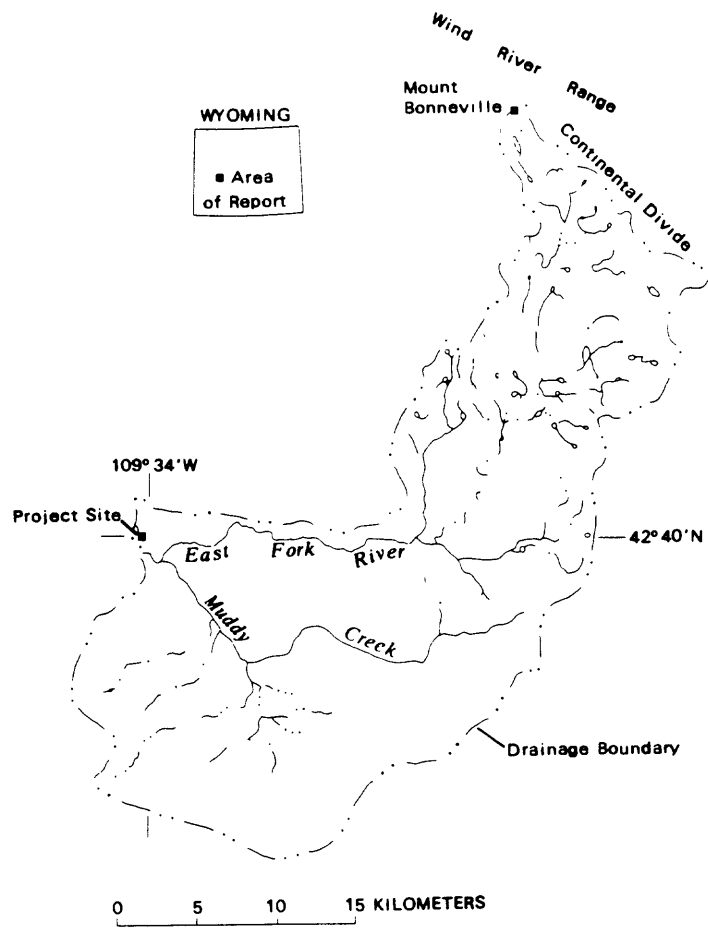


Figure 1. East Fork River, Wyoming, drainage area.



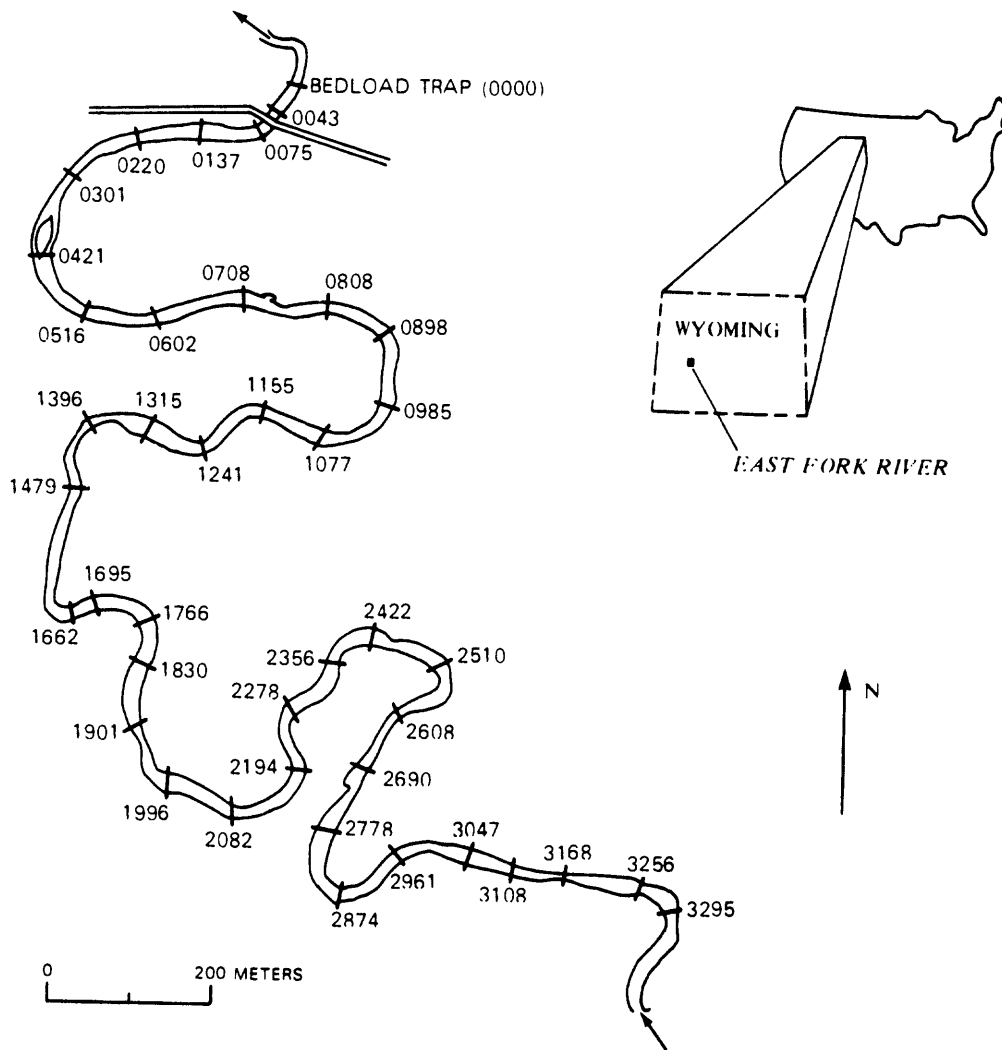


Figure 2. Location of cross sections along the 3.3-km study reach, 1979, East Fork River, Wyoming.

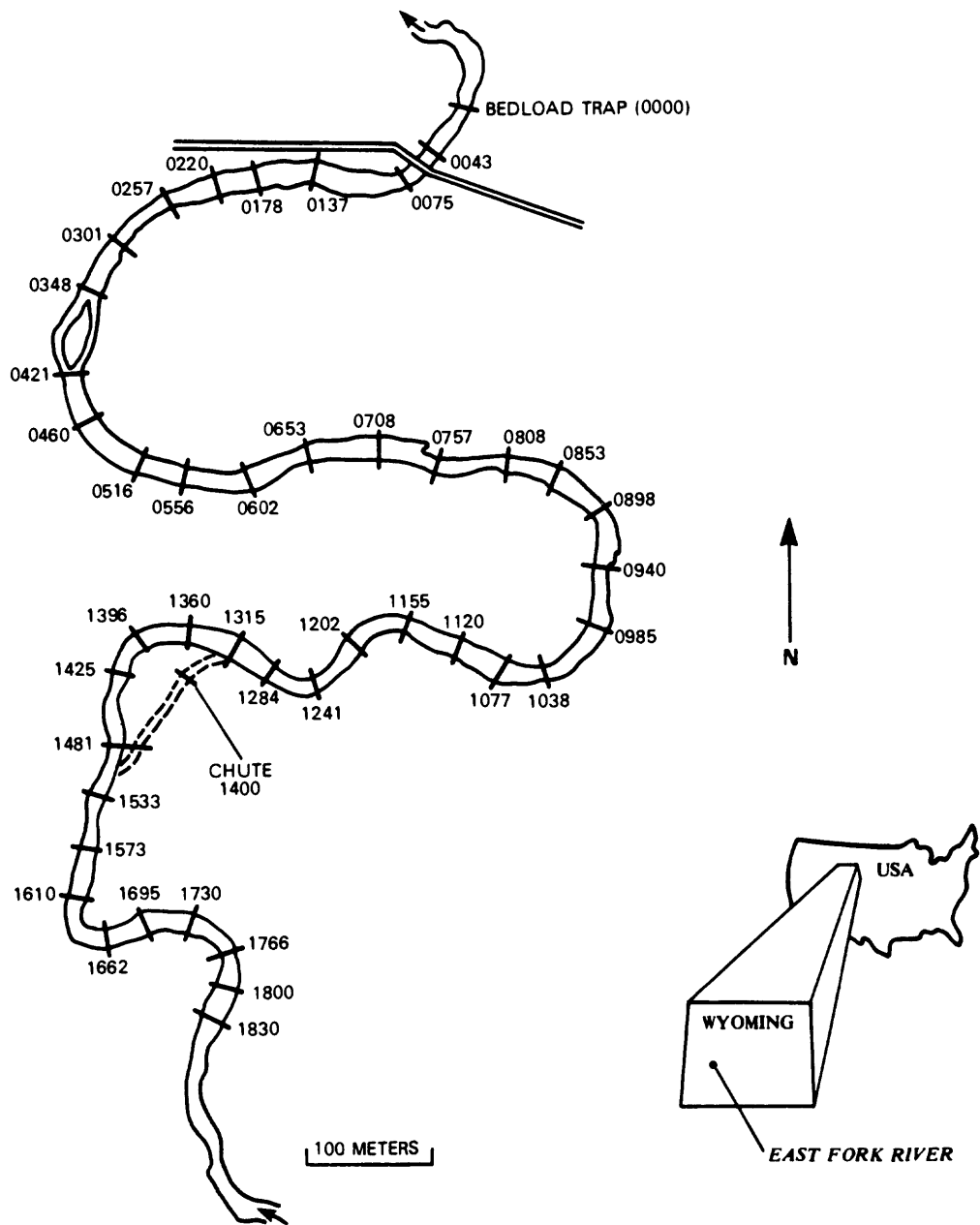


Figure 3. Location of cross sections along the 1.83-km study reach, 1980, East Fork River, Wyoming.

The bedload trap was installed at latitude 42°40'23" N., longitude 109°34'16" W. The drainage area of the East Fork River at this point is about 500 km<sup>2</sup> (square kilometer). About one-half of this basin area lies within the Wind River Mountains; the other one-half of the basin area is drained by a major tributary, Muddy Creek, that enters the East Fork River about 4 km upstream from the bedload trap and drains an upland of rolling hills underlain by lower Tertiary sandstone and shale of the Wasatch Formation. The mountainous part of the basin is underlain by granitic and metamorphic rocks, mostly of Precambrian age. Much of the sand part of the sediment load for the East Fork River comes from the Muddy Creek basin, but most of the water during high flow comes from melting snow in the mountain area.

Along the study reach, the East Fork River meanders in a flood plain averaging 100 m in width, which, in turn, is confined by the Wasatch Formation or by glacial outwash terraces of sand and gravel. The tread or surface of the most prominent terrace is about 5 m above the flood plain. The terraces and outcrops of the Wasatch Formation are sources of fresh sand and gravel debris wherever the river impinges laterally against them.

All elevations reported herein are referenced to the National Geodetic Vertical Datum (NGVD) of 1929 by three complete leveling surveys, conducted during May and October 1979, and during September 1980. Partial leveling surveys were conducted to re-establish NGVD elevations to reference markers when they were repositioned after the river had damaged or destroyed them.

#### PRESENTATION OF DATA

Each type of data is presented in a table or series of tables; all tables are included at the end of this report. In most instances, footnotes make the tables self-explanatory. As tables are presented, additional explanation is provided in the text. Some data also are illustrated in graphical form.

This report is intended to be supplemented by concurrent use of parts I-IV of the report series. However, some discussion from the earlier report is included here to make information on the bed-material tracers more readily understandable.

## STAGE AND DISCHARGE

Mean annual precipitation in the drainage basin ranges from about 300 mm (millimeters) in the vicinity of the study reach to an estimated 1,200 mm in the headwater areas. This can be compared to a mean annual runoff of about 450 mm at gaging station 09203000, East Fork River near Big Sandy, which is located about 22 river km upstream from the study reach. This value of runoff corresponds to a mean annual discharge of about 3 m<sup>3</sup>/s (cubic meters per second) which is approximately valid for the study reach as well. Mean annual discharge is equaled or exceeded about 25 percent of the time. The level of the flood plain corresponds with the bankfull stage of the river, at which the water has an average depth of about 1.2 m. The bankfull discharge is about 20 m<sup>3</sup>/s.

Most precipitation occurs as snow. The high-flow season caused by spring snowmelt in the mountains extends from mid-May to early July and accounts for about 75 percent of the total annual flow. During spring runoff, diurnal fluctuations through the study reach are characterized by a rising stage during the morning, a peak stage at midday, and a declining stage during the afternoon. This fluctuation at the study reach reflects snowmelt in the mountains from the previous day.

Bihourly values of discharge, in cubic meters per second, for 1979 are listed in tables 1 and 2 (sections 0000 and 3295, respectively) and for 1980 are listed in tables 3 and 4 (sections 0000 and 2505, respectively). Discharge hydrographs for spring runoff during 1979 and 1980 are shown in figure 4; discharges shown occurred at noon at the bedload trap (section 0000).

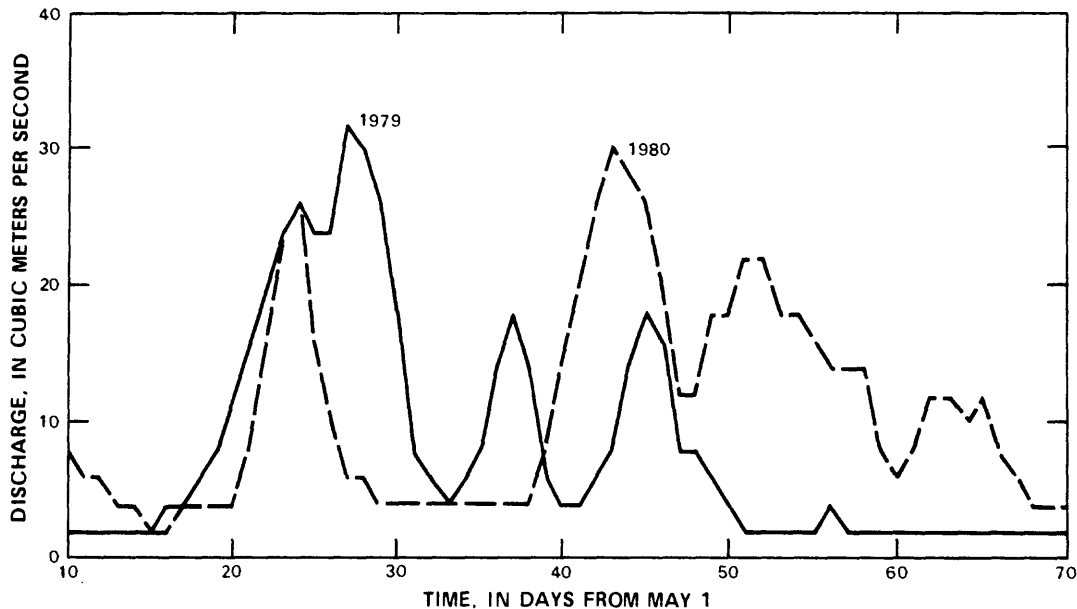


Figure 4. Discharge hydrographs for 1979 and 1980 snowmelt runoff, section 0000, East Fork River, Wyoming.

#### BED MATERIAL

Composition of the streambed of the East Fork River in the study reach is predominantly sand, but gravel bars are spaced at regular intervals. The downstream distribution of particle size as measured in 1979 is shown in figure 5. Within the study reach, six gravelly areas, spaced at about 600-m increments, are each followed by a sandy area. Composition of bed material varies greatly between the gravelly riffles and the sandy pools, but overall, the median grain size (particle diameter at the 50th percentile),  $D_{50}$ , is 1.28 mm, or coarse sand. However, as can be seen in figure 5, particle sizes from fine sand to medium gravel generally are available at all sections. Bed material larger than about 8 to 16 mm is common in some central gravel bars, but so seldom do these sizes move that they represent only a small part of bedload caught in a sampler.

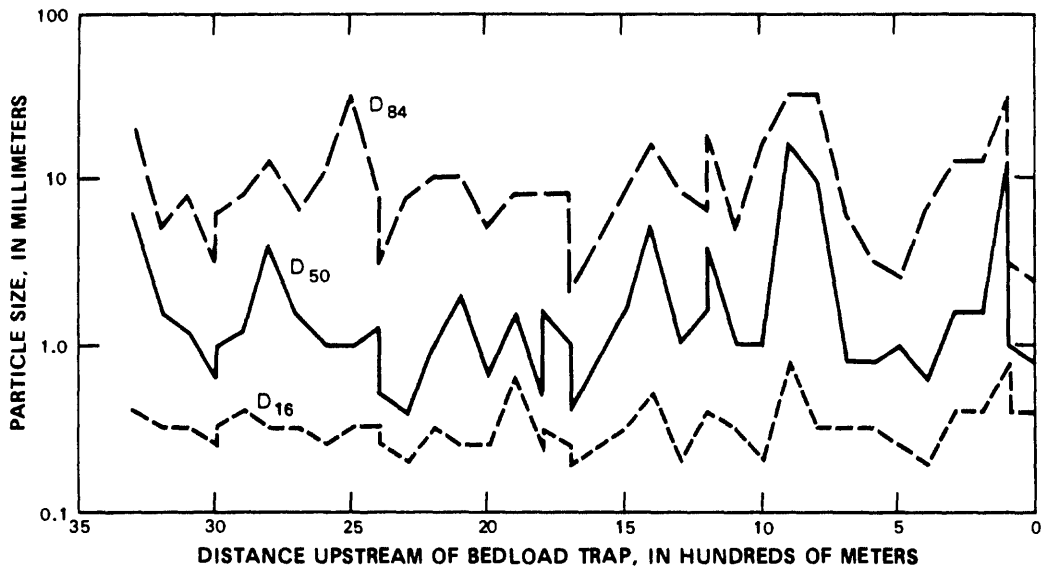


Figure 5. Downstream distribution of bed-material particle size, May 18-19, 1979, East Fork River, Wyoming (data from Emmett, Myrick, and Meade, 1980).

Underlying the bed material is a stratum of imbricated coarse gravel and, sporadically, bedrock. The position of this stratum was determined at each section by probing the bed material with a steel rod. Although scour seldom extends to the full depth of bed material, this underlying stratum, or gravel base, represents the maximum extent of possible scour. The volume of bed material above this gravel base is shown in figure 6 for the day of highest flow in 1979 (May 27) and for a day during low flow in 1979 (June 28). Although the largest quantities of bed material occur at the sandy-pool sections, some bed material is in storage at all sections, during both high- and low-flow periods. The combined data in figures 5 and 6 indicate that some sediment of all sizes is everywhere available for transport.

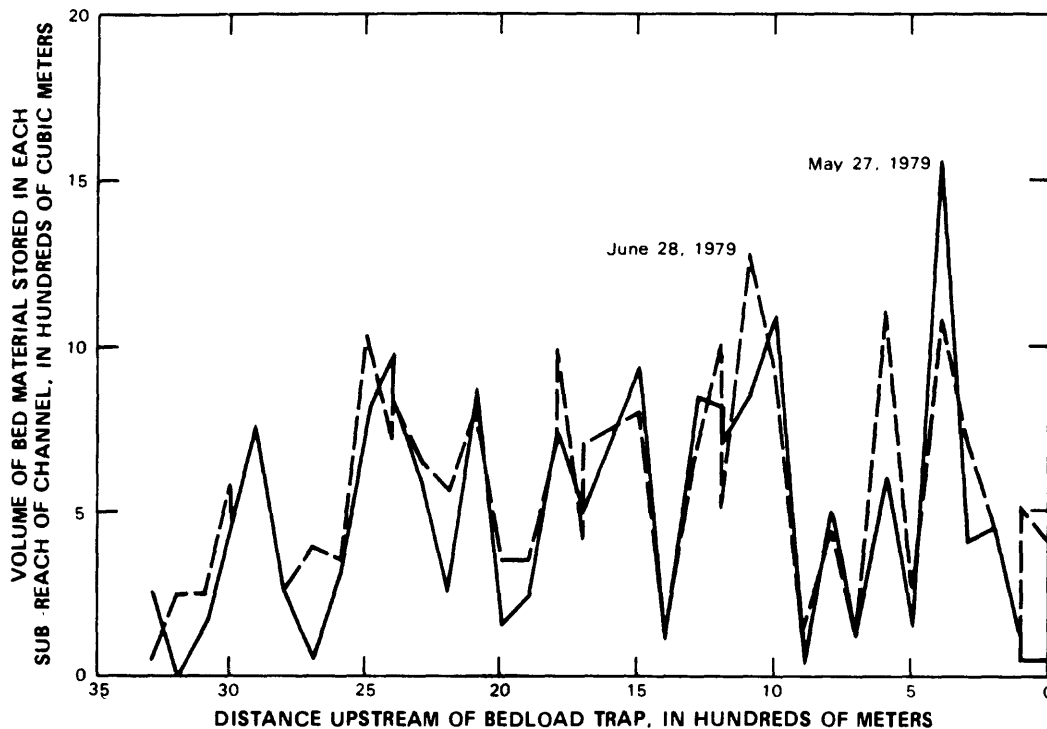


Figure 6. Downstream distribution of volume of bed material, May 27 and June 28, 1979, East Fork River, Wyoming (data from Meade, Myrick, and Emmett, 1980).

#### WATER-SURFACE SLOPE

Water-surface slopes are dependent on river stage at the time of measurement and the reach length along which the measurements were made. For the 3.3-km reach length, water-surface slope corresponds closely to riverbed slope; water-surface profiles are shown in figure 7 for five stages of flow. However, along the downstream one-half of this reach, slope flattens with stage and ranges from 0.0083 at low flow to 0.0066 at high flow. This is shown graphically in the middle part of figure 8 for values of water-surface slope computed along the downstream 1.8 km of the reach (reach length equivalent to 100 channel widths).

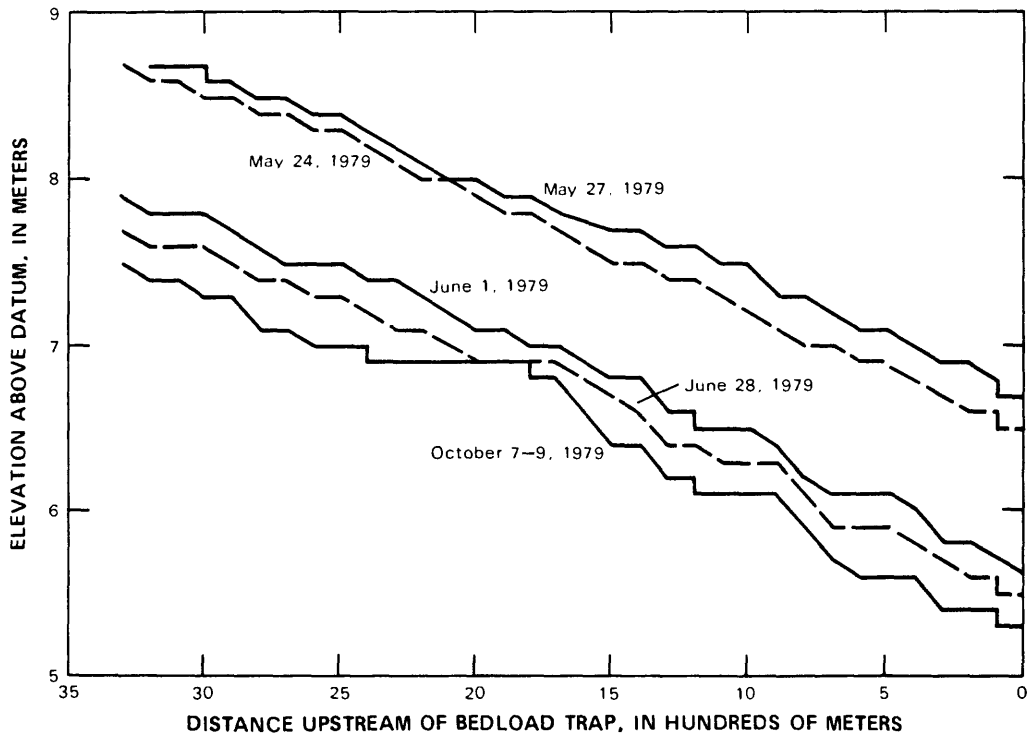


Figure 7. Longitudinal profiles of the water surface for low to high flow, 1979, East Fork River, Wyoming (data from Emmett, Myrick, and Meade, 1980).

Locally, water-surface slope varies greatly with stage. In figure 7, the water-surface slope at the pool section near 1100 m changes from nearly flat to steep as stage increases, whereas at the riffle section near 1300 m, the water-surface slope changes from steep to nearly flat. These changes are more evident in the bottom graph of figure 8 for values of slope computed along a reach length equivalent to 15 channel widths, or about 275 m. At the riffle (section 1315), slope decreased from about 0.0011 at low flow to about 0.0004 at high flow. Conversely, at the pool (section 1077), the slope increased from about 0.0004 at low flow to a little more than 0.0008 at high flow. There is clearly a reversal in magnitude of slope; at high flow, the water-surface slope in the pool became steeper than that in the riffle.



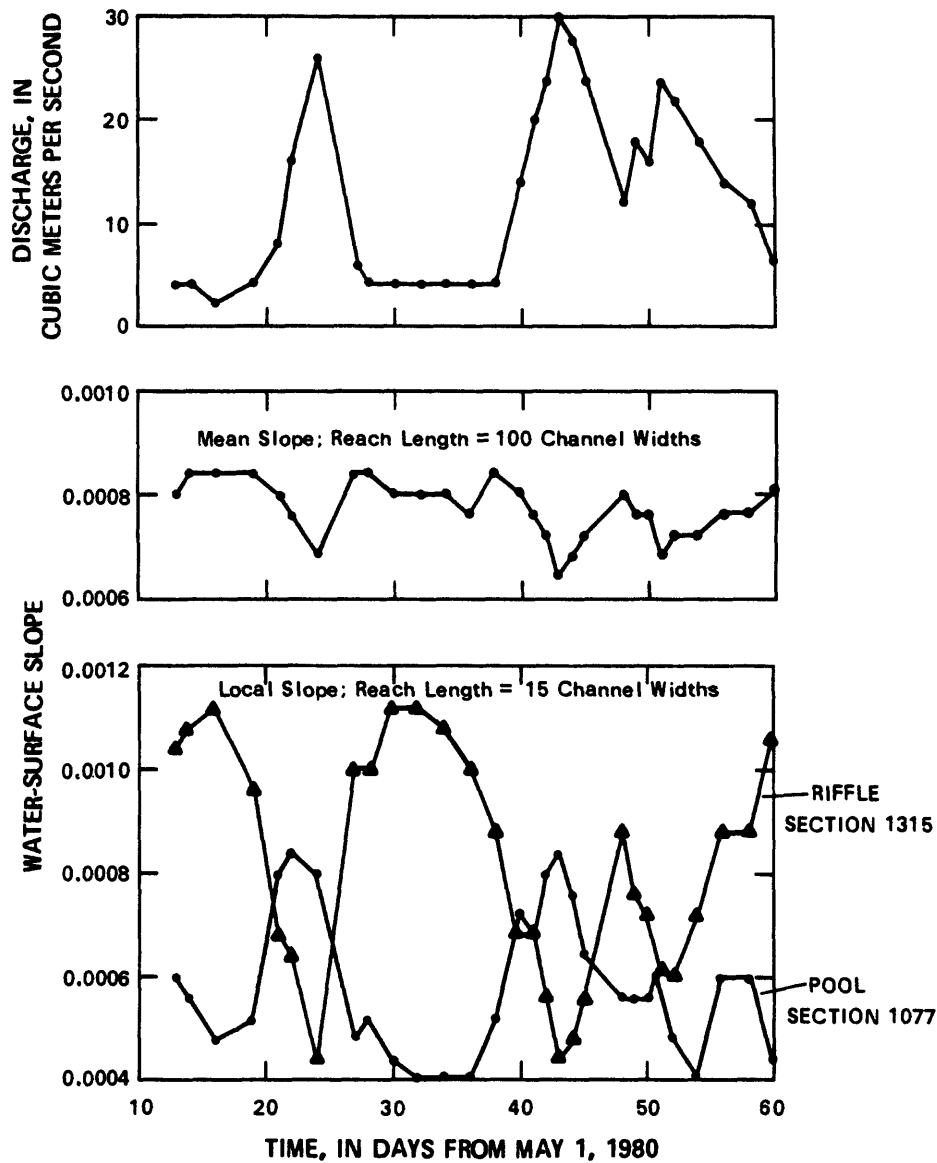


Figure 8. Discharge, mean water-surface slope, and examples of local water-surface slope for a riffle and a pool, May-June 1980, East Fork River, Wyoming (from Emmett, Myrick, and Meade, 1982).

## STREAM POWER, BEDLOAD, AND SCOUR AND FILL

Stream power is a measure of the work rate of a stream; it is computed as the product of gravitational acceleration, mass density of the fluid flow, discharge, and water-surface slope. Dimensions of stream power are watts per meter (W/m) of channel length, numerically and physically equivalent to newtons per second (N/s), and represent the power available per unit length of channel, including that power dissipated in the transport of sediment. For the same pool and riffle sections as shown in figure 8, the middle part of figure 9 shows the range in values of stream power during spring runoff. At most sections, stream power is greatest at high flow; at low flow, pools are likely to have negligible sediment transporting capability. However, because of the reversal in maximum values of water-surface slope, at high flow, pools are likely to have greater stream power than riffles.

Measured bedload-transport rates, expressed in watts per meter (newtons per second) of power dissipation (immersed weight per unit time), are shown in the bottom part of figure 9 for the pool and riffle sections. As may be expected from the stream-power relations, bedload-transport rates are greatest in the pools during high flow, are negligible in the pools during low flow, and are of intermediate values in the riffles during all flows. In terms of efficiency, about 10 percent of available stream power is dissipated in the transport of bedload.

The spatially-varied transport rates shown in figure 9 indicate that bed material is being stored and being removed from storage at various sections along the channel. That is, continuity in the total quantity of sediment requires that with spatially variable bedload-transport rates, some sections must be filling and other sections must be scouring. This is illustrated in the bottom part of figure 10 for the pool and riffle sections. Whereas some sections show little change in mean bed elevation as the sediment supplied to them is transported past, other sections show alternating scour and fill as the sections have fluctuating availability of stream power to transport sediment. At the end of the spring runoff, most sections have about the same value of mean bed elevation as they had prior to spring runoff.

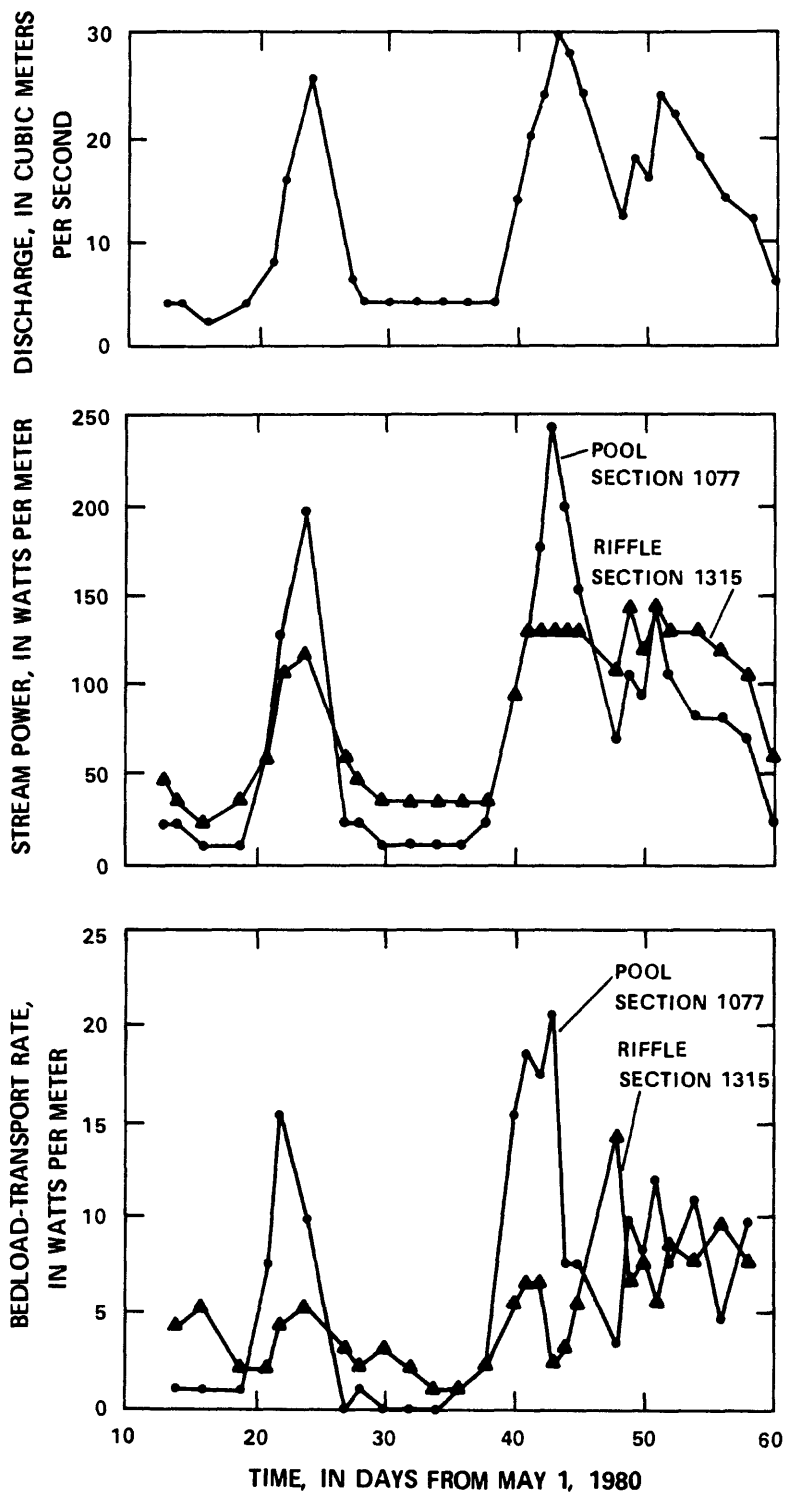


Figure 9. Discharge, and examples of stream power and bedload-transport rate for a riffle and a pool, May-June 1980, East Fork River, Wyoming (from Emmett, Myrick, and Meade, 1982).

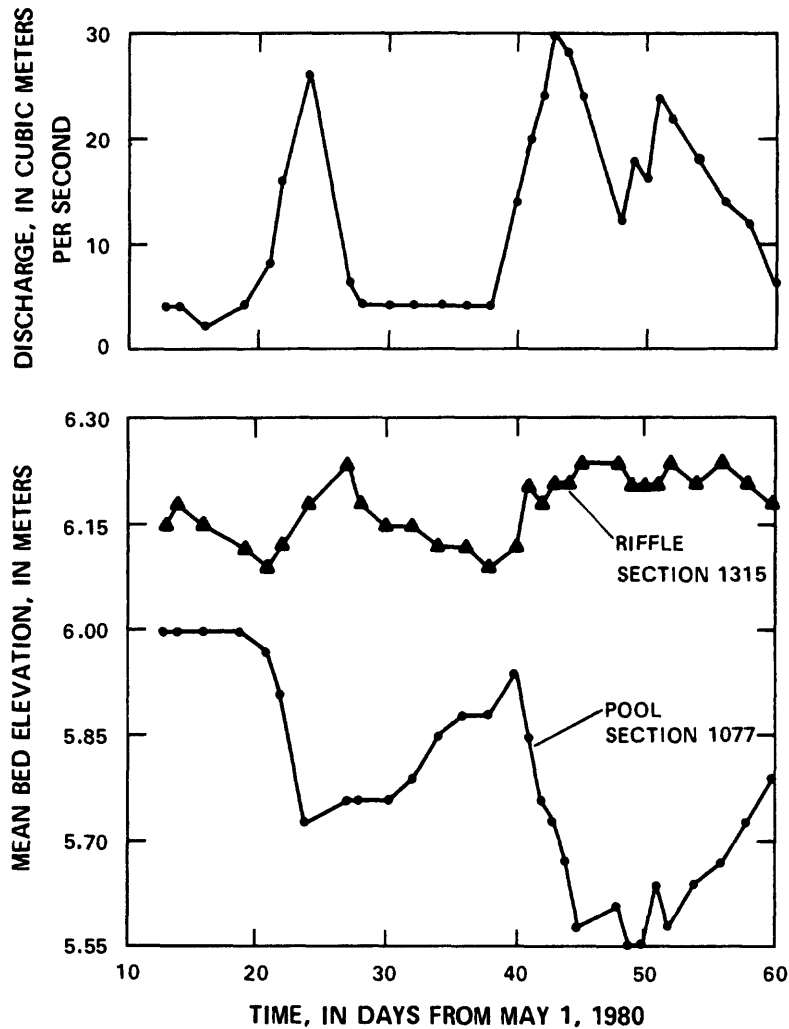


Figure 10. Discharge, and examples of scour and fill for a pool and a riffle, May-June 1980, East Fork River, Wyoming (from Emmett, Myrick, and Meade, 1982).

#### FLUORESCENT TRACERS

Prior to the 1979 runoff season (May 1, 1979), about 6,000 kg (kilograms) of bed material was excavated from the streambed near the right bank at section 0570. The 6,000 kg represented only a small part of bed material available at that section (see fig. 6; approximately less than 0.5 percent) and, accordingly, created little or no sink for subsequent storage of material. The excavated material was dried and individual particles were coated with a fluorescent-dyed acrylic. A summary of particle size for the dyed particles is given below.

Particle size range (millimeters)	Percent retained in size range (by weight)	Percent finer than upper limit of size range (by weight)	Percent finer than upper limit of size range (by number)
<0.25	5	5	90.8
.25- .50	14	19	98.1
.50-1.0	9	28	99.6
1.0 -2.0	15	43	99.97
2.0 -4.0	33	76	99.99
4.0 -8.0	21	97	>99.99
>8.0	3	100	100.00

A small percentage of particles, by weight, were smaller than 0.25 mm or larger than 8 mm. Most particles were between 2.0 and 4.0 mm; the median diameter was a little larger than 2 mm. Because particle weight is proportional to about the cube of particle size, the most individual dyed particles were in the smallest size categories and, by computation, 99.97 percent of the dyed particles were smaller than 2 mm.

Extreme values of the actual size distribution of dyed material are unimportant; particles smaller than 0.25 mm or larger than 8 mm were rejected from the analysis. In retained samples, an electronic image scanner and microcomputer counted and measured the tracer particles and results are expressed as total number of fluorescent particles or as number of fluorescent particles in a particle-size category. In the analytical procedure, it was determined that each kilogram of tracer material contained about  $1 \times 10^6$  particles. The total number of fluorescent particles available for transport was thus very large.

The fluorescent coating was sufficiently thin that it negligibly changed the size and shape of particles. About 2,000 kg of sediment was dyed each of 3 colors. This dyed material subsequently was reinjected into the streambed as line sources of tracer particles. Injection was accomplished by pouring dyed particles down a 0.4-m diameter pipe placed into the streambed at verticals along the line of the section. Each line was located near the upstream end of every other naturally occurring accumulation of sediment within the study reach. Specifically, pink-colored particles were injected at section 3037 on May 18, 1979; blue particles were injected at section 1685 on May 19, and orange particles were injected in a line at section 0506 on May 19, 1979. In a separate experiment, green-colored particles were placed as a point source on the right bank of section 1620 on May 31, 1980.

As an indication of the approximate concentration of fluorescent particles of the three principal colors, from figure 6 it is computed that about  $2 \times 10^4 \text{ m}^3$  of sediment are within the study reach, or about  $3 \times 10^7 \text{ kg}$ . As stated, about  $2 \times 10^3 \text{ kg}$  of sediment were dyed each principal color. Assuming complete mixing of dyed particles with all particles, the minimum concentration of fluorescent particles was projected at 50 to 100 ppm (parts per million). Based on yearly operation of the bedload trap, all particles within the study reach represent about a 6- to 10-year supply of bedload and complete mixing of dyed particles with all particles was not expected. Accordingly, actual measured concentrations ranged from zero at no mixing, to very large concentrations near the locations of injection.

During 1979, the movement of fluorescent bed-material tracers was measured daily by bed material sampling at downstream sections. The total number of tracer particles as measured per 100 grams of bed material is tabulated in tables 5-7 and the same data tabulated by particle size category are listed in tables 12-14.

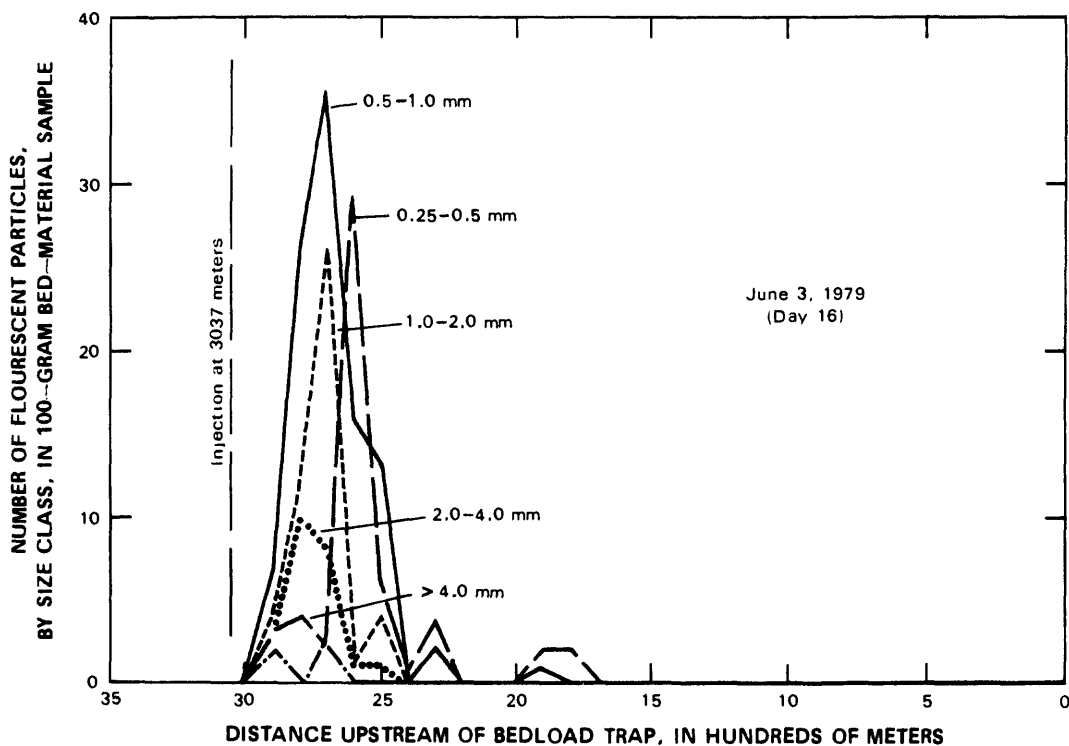


Figure 11. Downstream distribution of bed-material tracers, June 3, 1979, the 16th day after injection, East Fork River, Wyoming.

Data from the tables are exemplified by a sample from table 12 for the pink material injected as a line source at section 3037. Typical results, separated into five particle-size categories, are shown in figure 11. The data shown are for June 3, 1979, the 16th day from the time of injection (May 18, 1979). As can be inferred from figure 11, it appears that the smaller particles move faster and further than the larger particles. The daily downstream displacement of the peak concentration (approximate centroid), for tracer particles of size between 0.5 to 1.0 mm, is shown in figure 12. Because downstream displacement of the tracer was recorded only at measurement sections, the relation that describes the displacement shown in figure 12 is a curve that envelops the data rather than a best-fit to the data.

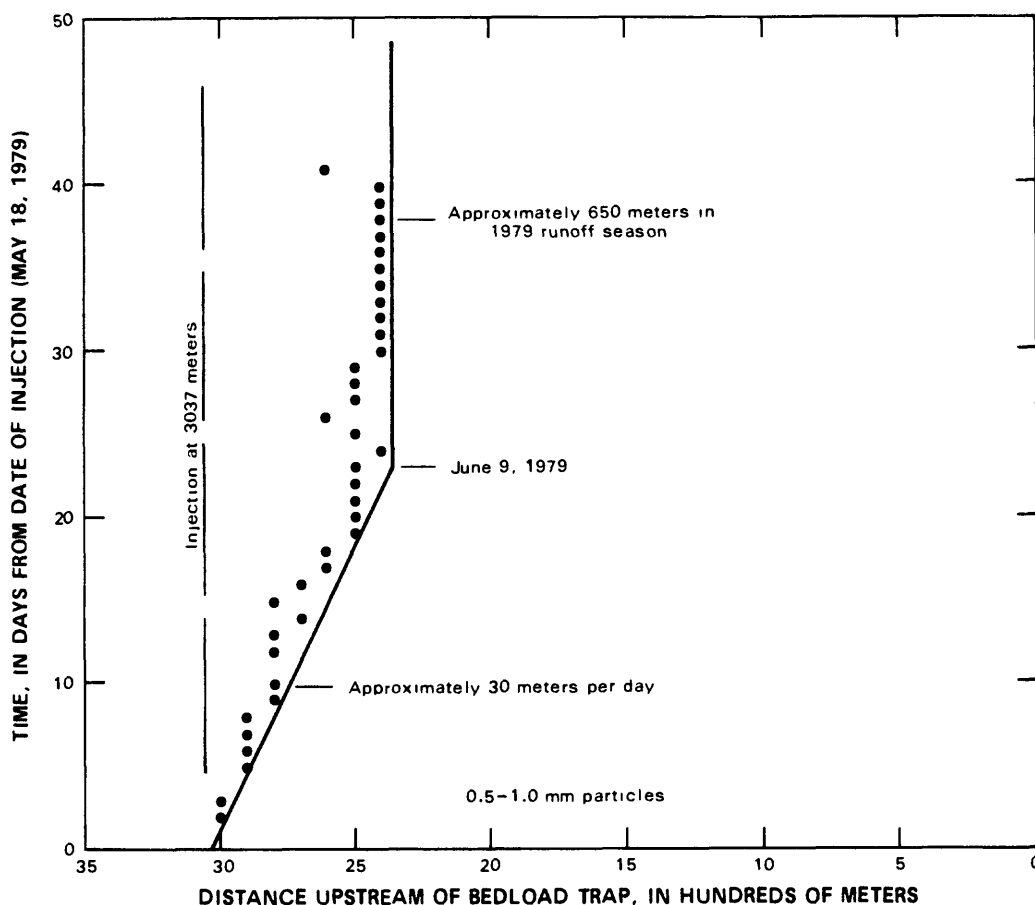


Figure 12. Downstream daily displacement of the peak concentration of 0.5- to 1.0-mm bed-material tracers, 1979, East Fork River, Wyoming.

Graphs similar to figure 12 could be prepared for other particle-size classes or for other characteristics of the dispersed tracer. For example, the leading edge of the tracer defines first arrival time, or maximum particle speed, whereas the centroid of the distribution defines mean particle speed. For particles of size between 0.5 to 1.0 mm, figure 13 shows downstream particle speed and travel distance for the leading edge (maximum values), for significant quantities of tracer, and for the peak concentration (approximate mean values). For 0.5- to 1.0-mm particles, mean particle speed is about 30 m/d (meters per day); transport occurred during about 22 days, giving an annual downstream travel distance of about

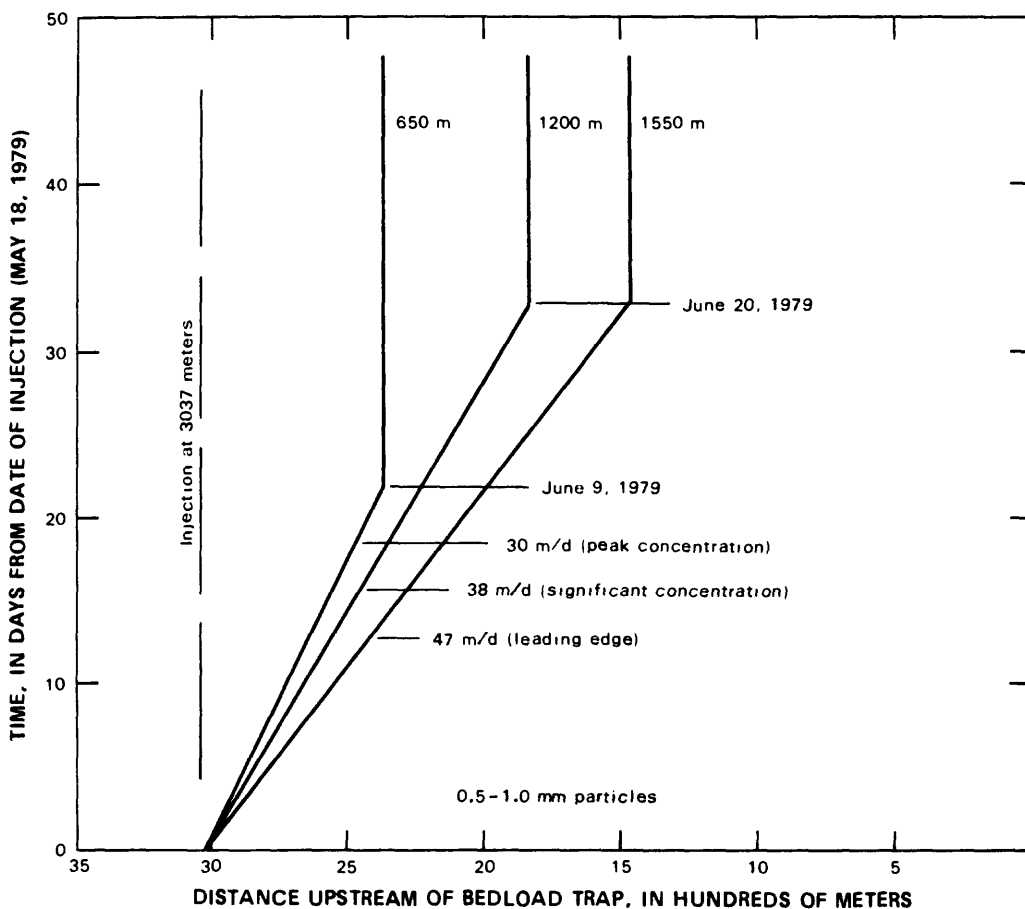


Figure 13. Downstream particle speeds and travel distances for 0.5- to 1.0-mm bed-material tracers, 1979, East Fork River, Wyoming.



650 m. A significant (more than the single or several grains defining the leading edge) but minority part of the tracer travelled at 38 m/d to a total distance of 1,200 m, whereas the leading edge of the tracer moved at 47 m/d and went a distance of 1,550 m. Particles that travelled farthest moved for about 33 days after injection, with little movement recorded after June 20.

There is a modest day-to-day decrease in the total number of observed tracer particles as the sediment moves downstream. As shown in figure 11, some particles move faster than the majority and some lag behind. While some particles may move a great distance in a short time, others are consumptively used in river-building processes (for example, floodplain building); however, they may be replaced by particles supplied from other processes (for example, bank cutting). Downstream continuity in transport may be maintained, but there is replacement of particles comprising the transport.

During 1980, the second season of runoff, movement of fluorescent particles was measured by bedload sampling using a Helley-Smith sampler. Details of the sampling are provided in Emmett, Myrick and Meade (1982). Summary data for the four fluorescent colors during 1980 are tabulated in tables 8-11, are listed as a function of particle-size category in tables 15-18, and are shown by cross-channel location in tables 19-21 for those sections and colors for which cross-channel position was measured.

During 1982 there was an attempt to describe the distribution of bed-material tracers after four seasons of runoff. Core samples of bed material were collected and analyzed for concentration of fluorescent particles. Although the number of fluorescent-tracer particles found and counted was small, the data are presented in tables 22-25.

For all data contained in the tables, careful attention needs to be given to information listed in the titles and footnotes of the tables.

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**TABLES**

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TABLE 1.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 0000, EAST FORK RIVER, WYOMING, 1979

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
5-10	2.11 1.73	2.02 1.73	2.02 1.73	1.94 1.73	1.85 1.73	1.77 1.81
5-11	1.89 1.69	1.85 1.65	1.85 1.61	1.81 1.61	1.81 1.65	1.77 1.73
5-12	1.85 1.77	1.81 1.73	1.81 1.73	1.81 1.73	1.77 1.69	1.77 1.69
5-13	1.73 1.61	1.73 1.54	1.73 1.46	1.69 1.39	1.69 1.35	1.65 1.35
5-14	1.43 1.61	1.46 1.61	1.50 1.54	1.54 1.50	1.61 1.46	1.61 1.54
5-15	1.61 2.25	1.73 2.20	1.89 2.11	2.02 2.11	2.11 2.20	2.20 2.34
5-16	2.90 3.40	2.90 3.28	3.17 3.12	3.40 3.12	3.52 3.17	3.40 3.28
5-17	3.34 4.08	3.64 4.01	3.95 3.82	4.21 3.58	4.21 3.64	4.14 3.89
5-18	4.75 6.04	5.64 5.88	6.37 5.88	6.79 6.04	6.79 6.12	6.62 6.62
5-19	7.32 7.68	8.15 7.32	8.54 7.32	8.64 7.05	8.64 7.23	8.15 8.06
5-20	9.14 11.6	10.5 11.3	11.5 11.5	12.0 11.5	12.2 11.3	12.0 12.0
5-21	13.0 14.5	13.7 13.7	14.6 13.2	15.2 12.8	15.3 13.1	15.0 14.2
5-22	15.4 19.8	16.7 18.9	17.9 17.7	19.1 16.7	20.0 16.4	20.3 16.7
5-23	17.7 22.8	18.9 21.6	20.3 20.3	21.8 19.1	22.8 18.4	23.3 18.4
5-24	19.2 25.2	20.6 24.5	22.1 23.6	23.5 22.8	24.5 21.9	25.2 21.3
5-25	20.9 24.0	21.3 23.6	21.8 22.9	23.1 22.1	24.0 21.6	24.1 21.3
5-26	21.6 24.7	21.9 24.7	22.8 24.3	23.5 23.8	24.1 23.3	24.5 23.1

TABLE 1.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 0000, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
5-27	23.6 32.3	25.2 32.1	27.2 31.1	29.5 29.9	31.5 28.6	32.3 27.8
5-28	27.0 28.9	27.0 28.4	27.6 27.6	28.6 26.7	29.1 25.6	29.3 24.5
5-29	23.6 27.2	23.3 28.0	23.6 28.6	24.3 28.2	25.2 27.4	26.1 26.7
5-30	25.8 16.3	24.7 15.0	23.6 13.7	22.3 13.6	20.6 13.3	18.4 13.0
5-31	12.1 8.44	11.3 8.06	10.5 7.59	9.76 7.41	9.14 7.32	8.64 6.96
6- 1	6.79 5.04	6.53 4.61	6.37 4.41	6.12 4.48	5.88 4.83	5.49 4.68
6- 2	4.48 4.08	4.48 3.89	4.48 3.64	4.48 3.52	4.41 3.76	4.28 3.82
6- 3	3.89 5.41	4.41 5.26	5.04 5.04	5.41 5.26	5.57 5.41	5.57 5.49
6- 4	5.88 8.83	6.79 8.54	7.68 8.34	8.44 8.15	8.83 8.15	8.93 8.64
6- 5	9.24 14.2	10.3 13.8	11.3 13.3	12.4 12.7	13.2 12.1	14.0 11.6
6- 6	12.1 17.4	13.1 17.3	14.0 16.8	15.2 16.3	16.1 15.7	17.0 15.0
6- 7	14.4 12.4	14.4 11.2	14.4 10.7	14.6 10.7	14.2 10.7	13.6 10.1
6- 8	9.14 6.53	8.64 6.12	8.15 5.72	7.77 5.41	7.32 5.26	6.96 5.41
6- 9	5.26 3.82	5.04 3.64	4.83 3.46	4.55 3.46	4.28 3.76	3.95 3.70
6-10	3.64 3.64	3.58 3.52	3.58 3.46	3.70 3.40	3.76 3.46	3.70 3.52
6-11	3.58 6.28	3.89 6.12	4.75 5.96	5.57 5.80	5.96 5.64	6.20 5.72
6-12	6.04 8.74	6.70 8.54	7.50 8.06	8.15 7.77	8.64 7.32	8.83 7.50



TABLE 1.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 0000, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
6-13	8.15 14.2	9.34 14.1	10.6 13.2	12.0 12.1	13.0 11.1	13.7 10.6
6-14	10.6 17.7	11.9 17.3	13.3 16.3	15.2 15.0	16.3 13.7	17.1 12.7
6-15	12.2 15.2	12.8 14.2	13.7 12.8	14.8 11.4	15.4 10.3	15.6 9.55
6-16	8.93 8.64	8.83 8.15	8.83 7.77	9.04 7.23	9.04 6.79	8.83 6.45
6-17	6.28 6.88	6.37 6.45	6.79 6.12	7.05 5.64	7.32 5.26	7.32 4.97
6-18	4.83 6.12	5.04 6.04	5.49 5.64	5.88 5.41	6.12 5.12	6.28 4.90
6-19	4.75 3.76	4.55 3.64	4.41 3.46	4.21 3.34	4.08 3.23	3.95 3.12
6-20	3.06 2.59	3.00 2.54	2.95 2.44	2.90 2.39	2.84 2.34	2.79 2.29
6-21	2.25 2.25	2.25 2.20	2.20 2.20	2.20 2.16	2.25 2.11	2.29 2.07
6-22	2.07 2.79	2.02 2.74	2.02 2.64	2.11 2.54	2.44 2.49	2.74 2.39
6-23	2.29 2.84	2.20 2.79	2.20 2.74	2.44 2.59	2.74 2.49	2.84 2.39
6-24	2.34 2.95	2.29 2.90	2.25 2.79	2.34 2.69	2.69 2.59	2.90 2.49
6-25	2.39 3.17	2.29 3.06	2.25 2.95	2.39 2.84	2.79 2.74	3.00 2.64
6-26	2.49 2.79	2.39 2.84	2.34 2.79	2.44 2.69	2.64 2.59	2.79 2.49
6-27	2.44 2.95	2.34 3.58	2.29 3.34	2.39 2.84	2.69 2.64	2.90 2.54
6-28	2.49 2.69	2.39 2.64	2.34 2.54	2.44 2.44	2.54 2.39	2.64 2.34
6-29	2.29 2.64	2.25 2.64	2.20 2.54	2.20 2.44	2.34 2.34	2.54 2.25

TABLE 1.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 0000, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
6-30	2.25 2.49	2.20 2.54	2.16 2.49	2.16 2.39	2.20 2.34	2.39 2.25
7- 1	2.20 2.02	2.16 2.02	2.16 1.98	2.11 1.94	2.11 1.94	2.07 1.89
7- 2	1.85 1.89	1.85 1.89	1.81 1.85	1.77 1.81	1.81 1.81	1.85 1.77
7- 3	1.77 1.73	1.73 1.73	1.73 1.69	1.69 1.69	1.69 1.65	1.69 1.65
7- 4	1.65 1.61	1.61 1.61	1.61 1.61	1.61 1.57	1.61 1.57	1.61 1.57
7- 5	1.57 1.54	1.57 1.54	1.57 1.54	1.57 1.54	1.54 1.54	1.54 1.54
7- 6	1.54 1.46	1.54 1.46	1.54 1.46	1.50 1.46	1.50 1.46	1.46 1.46
7- 7	1.46 1.46	1.46 1.46	1.46 1.46	1.46 1.43	1.46 1.43	1.46 1.43
7- 8	1.43 1.39	1.43 1.39	1.43 1.39	1.43 1.35	1.43 1.35	1.43 1.35
7- 9	1.35 1.35	1.35 1.32	1.35 1.32	1.35 1.32	1.35 1.29	1.35 1.29
7-10	1.29 1.29	1.29 1.29	1.29 1.25	1.29 1.25	1.29 1.25	1.29 1.22
7-11	1.22 1.25	1.22 1.25	1.22 1.22	1.25 1.22	1.25 1.19	1.25 1.19
7-12	1.19 1.22	1.15 1.22	1.15 1.22	1.19 1.19	1.19 1.19	1.22 1.15
7-13	1.15 1.19	1.15 1.19	1.15 1.15	1.19 1.15	1.22 1.15	1.22 1.12
7-14	1.12 1.15	1.12 1.15	1.12 1.12	1.15 1.09	1.15 1.09	1.15 1.06
7-15	1.06 1.09	1.06 1.06	1.06 1.06	1.06 1.06	1.09 1.06	1.09 1.06
7-16	1.06 1.12	1.06 1.12	1.06 1.09	1.09 1.09	1.09 1.09	1.12 1.06

(1) DATA FROM EMMETT, MYRICK, AND MEADE, 1980, TABLE 6.

TABLE 2.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 3295, EAST FORK RIVER, WYOMING, 1979

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
5-10	---	---	---	---	---	---
5-11	---	---	---	---	---	---
5-12	---	---	---	---	---	---
5-13	---	---	---	---	---	---
5-14	---	---	---	---	---	---
5-15	---	---	---	---	---	---
5-16	---	---	---	---	---	---
5-17	3.90 3.90	3.90 3.69	3.90 3.49	3.90 3.49	3.90 3.76	3.90 4.61
5-18	5.43 5.66	6.21 5.43	6.29 5.43	6.29 5.74	6.13 5.98	5.90 6.78
5-19	7.62 6.62	7.88 6.62	8.14 6.29	7.88 6.29	7.62 6.95	7.03 8.14
5-20	9.40 10.4	10.5 10.7	11.2 10.4	11.4 10.3	11.3 10.9	11.0 11.8
5-21	12.9 12.7	13.5 12.1	13.9 11.5	13.9 11.8	13.7 12.9	13.3 14.0
5-22	15.1 17.3	16.1 16.5	17.1 15.9	17.9 15.4	18.2 15.4	17.7 15.9
5-23	17.5 20.2	19.3 18.8	20.9 17.5	21.6 16.5	21.9 16.5	21.6 17.7
5-24	19.3 24.9	21.6 23.4	23.4 22.3	24.1 21.6	24.9 20.9	25.2 20.6
5-25	21.1 24.4	22.1 23.9	23.4 23.4	24.4 22.1	24.7 21.6	24.9 22.1
5-26	22.6 25.5	23.6 25.2	24.4 24.7	24.9 24.4	25.5 24.1	25.7 24.4

TABLE 2.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 3295, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
5-27	25.7 32.5	27.7 31.5	29.7 30.6	31.8 29.4	33.4 28.8	33.4 28.2
5-28	28.2 29.4	28.8 28.8	29.4 28.0	30.0 27.1	30.3 26.3	30.3 25.7
5-29	25.2 29.4	25.2 30.3	25.7 30.3	26.8 29.7	27.7 28.8	28.8 28.0
5-30	27.1 15.3	25.7 14.4	24.1 14.0	22.1 14.0	19.7 13.6	17.5 13.1
5-31	12.4 9.22	11.8 8.76	11.1 8.50	10.5 8.32	10.0 7.88	9.68 7.71
6- 1	7.54 5.13	7.28 4.83	6.95 4.90	6.70 5.28	6.29 5.20	5.74 5.05
6- 2	4.90 3.97	4.75 3.69	4.75 3.49	4.75 3.90	4.68 3.90	4.32 3.90
6- 3	4.39 5.43	4.90 5.20	5.35 5.43	5.74 5.58	5.90 5.58	5.66 6.05
6- 4	7.12 9.49	8.23 9.31	9.13 9.13	9.68 9.13	9.86 9.31	9.77 10.0
6- 5	11.0 14.5	12.0 14.0	12.9 13.4	13.8 12.9	14.6 12.8	14.8 13.0
6- 6	13.8 19.0	14.8 18.4	15.6 17.5	17.1 16.5	18.2 15.6	18.8 15.2
6- 7	14.9 13.1	14.9 12.1	15.5 11.7	15.5 12.0	14.9 11.6	14.0 10.9
6- 8	10.3 7.37	9.68 6.87	9.13 6.46	8.76 6.21	8.32 6.21	7.88 6.13
6- 9	5.82 3.97	5.43 3.76	5.20 3.63	5.05 3.97	4.68 3.97	4.25 3.83
6-10	3.76 3.30	3.69 3.43	3.63 3.43	3.56 3.63	3.43 3.76	3.30 3.76
6-11	3.63 6.62	4.11 6.38	5.28 6.21	6.29 6.05	6.70 5.90	6.70 6.13
6-12	6.87 9.31	7.62 8.85	8.59 8.41	9.22 7.97	9.58 7.88	9.49 8.32

TABLE 2.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 3295, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
6-13	9.40 15.1	10.7 14.5	12.1 13.4	13.4 12.6	14.5 11.6	15.0 11.5
6-14	12.4 18.8	13.8 17.7	15.2 15.9	16.7 14.4	18.2 13.4	18.8 12.9
6-15	12.8 15.2	13.4 13.9	14.3 12.8	15.4 11.4	16.5 10.4	15.9 10.0
6-16	9.86 9.22	9.86 8.76	9.95 8.14	10.0 7.80	10.0 7.45	9.68 7.20
6-17	7.20 7.28	7.45 6.78	7.71 6.21	8.06 5.74	8.06 5.43	7.62 5.20
6-18	5.28 6.21	5.74 5.98	6.13 5.58	6.62 5.35	6.62 5.05	6.46 4.90
6-19	4.75 3.63	4.54 3.49	4.32 3.36	4.18 3.23	3.97 3.17	3.76 3.04
6-20	2.98 2.49	2.91 2.43	2.85 2.31	2.73 2.25	2.67 2.14	2.54 2.02
6-21	2.02 1.91	1.97 1.91	1.97 1.86	2.02 1.81	2.14 1.75	1.97 1.70
6-22	1.65 2.60	1.70 2.49	1.81 2.37	2.31 2.25	2.67 2.14	2.67 2.02
6-23	1.97 2.67	1.86 2.54	1.86 2.43	2.31 2.31	2.67 2.19	2.73 2.14
6-24	2.02 2.73	1.91 2.67	1.97 2.54	2.43 2.37	2.73 2.25	2.85 2.14
6-25	2.02 2.91	2.02 2.79	2.31 2.67	2.67 2.54	2.98 2.43	3.04 2.31
6-26	2.19 2.67	2.02 2.60	2.14 2.49	2.54 2.43	2.67 2.31	2.67 2.25
6-27	2.14 3.43	2.08 3.04	2.31 2.60	2.54 2.49	2.73 2.37	2.73 2.25
6-28	2.14 2.37	2.08 2.31	2.25 2.19	2.31 2.14	2.37 2.02	2.43 1.97
6-29	1.91 2.37	1.86 2.31	1.91 2.19	2.08 2.02	2.31 1.91	2.37 1.86

TABLE 2.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 3295, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
6-30	1.81 2.31	1.75 2.19	1.70 2.02	1.91 1.97	2.14 1.97	2.31 1.91
7- 1	1.86 1.70	1.86 1.75	1.81 1.75	1.75 1.70	1.75 1.70	1.70 1.65
7- 2	1.60 1.44	1.60 1.44	1.54 1.44	1.49 1.44	1.44 1.44	1.39 1.39

(1) DATA FROM EMMETT, MYRICK, AND MEADE, 1980, TABLE 7.

TABLE 3.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 0000, EAST FORK RIVER, WYOMING, 1980

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
5-10	9.38 8.21	9.38 7.93	9.28 7.84	9.08 7.84	8.88 8.12	8.59 8.31
5-11	8.31 6.67	8.02 6.50	7.65 6.41	7.29 6.41	7.02 6.33	6.85 6.50
5-12	6.85 5.83	6.85 5.67	6.76 5.67	6.50 5.67	6.16 5.67	5.99 5.67
5-13	5.59 4.59	5.51 4.51	5.35 4.51	5.19 4.51	4.96 4.51	4.74 4.59
5-14	4.66 3.81	4.74 3.67	4.66 3.74	4.59 3.41	4.37 3.47	4.08 3.47
5-15	3.41 2.79	3.34 2.67	3.28 2.73	3.22 2.73	3.09 2.85	2.91 2.73
5-16	2.73 2.67	2.73 2.61	2.79 2.67	2.85 2.85	2.79 2.85	2.73 3.09
5-17	3.41 3.28	3.61 3.28	3.61 3.34	3.54 3.41	3.47 3.54	3.41 3.74
5-18	3.81 3.61	3.88 3.28	3.94 3.03	3.88 3.09	3.81 3.22	3.74 3.22
5-19	3.34 3.28	3.54 3.15	3.61 3.03	3.67 3.09	3.61 3.09	3.47 3.15
5-20	3.28 4.15	3.61 4.08	3.94 4.01	4.22 4.08	4.30 4.30	4.30 4.74
5-21	5.99 8.40	7.47 8.21	8.50 7.93	8.88 8.12	8.88 8.88	8.69 10.4
5-22	12.2 16.4	13.9 15.7	15.2 15.2	16.2 15.2	16.7 15.9	16.7 16.8
5-23	17.9 25.8	19.2 26.4	20.7 26.8	22.3 26.7	23.8 26.5	24.8 26.1
5-24	26.1 25.4	26.1 24.5	26.1 23.5	26.2 22.3	26.2 21.4	25.9 20.6
5-25	19.8 15.1	19.2 14.0	18.4 12.9	17.5 12.1	16.6 11.7	15.8 11.4
5-26	11.1 9.18	10.8 8.88	10.5 8.59	10.2 8.40	9.78 7.84	9.48 7.84

TABLE 3.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 0000, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
5-27	7.74 5.91	7.56 5.59	7.38 6.24	7.02 6.24	6.67 6.08	6.33 5.99
5-28	6.08 5.04	6.08 4.74	5.99 4.66	5.83 4.51	5.67 4.51	5.43 4.51
5-29	4.59 4.30	4.74 4.15	4.66 4.08	4.66 4.08	4.59 4.01	4.51 3.88
5-30	3.81 3.28	3.81 3.28	3.74 3.15	3.67 3.28	3.61 3.54	3.47 3.41
5-31	3.41 3.47	3.47 3.28	3.54 3.28	3.61 3.41	3.61 3.61	3.54 3.54
6- 1	3.47 3.22	3.47 3.15	3.47 3.15	3.41 3.22	3.28 3.28	3.28 3.28
6- 2	3.22 3.34	3.28 3.34	3.34 3.28	3.41 3.34	3.54 3.41	3.41 3.47
6- 3	3.54 3.34	3.61 3.34	3.61 3.28	3.54 3.22	3.47 3.09	3.41 3.03
6- 4	3.03 3.15	3.03 3.09	3.09 3.03	3.15 2.97	3.15 2.85	3.15 2.85
6- 5	3.03 3.81	3.22 3.81	3.41 3.74	3.61 3.81	3.74 3.81	3.81 3.94
6- 6	4.30 4.89	4.51 4.81	4.74 4.89	4.81 4.74	4.96 4.74	4.96 4.81
6- 7	4.96 4.66	5.19 4.51	5.27 4.59	5.35 5.12	5.19 5.04	4.96 5.04
6- 8	5.59 7.11	6.33 6.93	6.76 6.85	7.02 7.02	7.02 7.11	7.11 7.74
6- 9	9.08 13.7	10.8 13.7	11.8 13.5	12.6 13.2	13.2 12.9	13.5 13.2
6-10	13.7 19.8	14.8 20.0	15.9 19.8	17.0 19.3	18.1 18.8	19.2 18.5
6-11	18.7 26.1	19.3 26.7	20.7 26.2	22.3 25.0	23.8 24.1	25.3 23.2
6-12	22.5 30.7	22.7 30.6	24.7 30.1	26.5 29.4	29.1 28.4	30.4 27.3



TABLE 3.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 0000, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
6-13	26.2 28.4	25.8 28.1	25.8 27.0	26.4 25.8	27.6 24.5	28.4 23.2
6-14	22.0 25.3	21.7 25.0	22.2 24.4	23.2 23.2	24.1 21.6	25.0 20.3
6-15	19.5 20.5	19.2 19.6	19.6 18.9	19.9 17.9	20.5 16.7	20.7 15.7
6-16	14.8 10.7	14.1 9.99	13.4 9.68	12.7 9.28	12.1 9.08	11.5 8.98
6-17	9.38 12.4	10.2 12.1	10.9 11.8	11.5 11.5	12.0 11.3	12.2 11.1
6-18	11.7 19.2	12.7 19.9	14.1 20.0	15.4 19.5	16.8 18.4	18.1 17.0
6-19	16.1 17.3	15.7 16.8	16.2 15.9	16.7 15.1	17.1 14.6	17.3 14.3
6-20	14.7 24.5	15.7 25.4	17.1 25.4	18.7 24.4	20.7 22.6	22.9 20.5
6-21	18.8 21.7	18.1 21.6	18.5 20.7	19.2 19.2	20.2 17.6	21.2 16.1
6-22	15.3 18.3	15.3 17.7	15.9 16.6	16.7 15.3	17.5 14.1	18.1 13.0
6-23	12.9 18.7	13.4 18.9	14.5 18.3	15.8 16.8	17.0 14.8	17.9 13.3
6-24	12.7 16.4	12.9 15.9	13.6 14.7	14.6 13.4	15.4 12.0	16.2 11.3
6-25	10.8 15.2	11.3 14.7	12.2 13.7	13.3 12.6	14.2 11.5	14.9 10.4
6-26	9.99 14.6	10.3 14.2	11.5 13.0	12.6 11.8	13.6 10.7	14.3 9.89
6-27	9.48 13.7	9.68 13.3	10.7 12.2	12.0 11.0	13.0 10.1	13.6 9.28
6-28	8.59 8.31	8.12 7.38	8.02 6.76	8.12 6.33	8.12 6.08	7.93 5.75
6-29	5.43 5.99	5.35 5.75	5.59 5.51	5.91 5.27	6.16 5.04	6.24 4.89

TABLE 3.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 0000, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
6-30	4.74 7.29	4.81 7.29	5.35 7.02	6.08 6.85	6.76 6.76	7.11 6.76
7- 1	7.11 13.0	8.02 13.3	9.38 13.0	10.7 12.4	11.7 11.6	12.6 11.0
7- 2	10.7 13.0	10.4 12.9	10.6 12.1	11.4 11.4	12.1 10.5	12.9 9.89
7- 3	9.38 10.9	9.28 10.7	9.58 10.8	9.99 11.0	10.4 11.4	10.8 11.5
7- 4	11.6 12.1	11.8 11.4	12.2 10.6	12.6 9.89	12.8 9.18	12.7 8.69
7- 5	8.21 7.38	7.84 7.11	7.56 6.76	7.56 6.41	7.56 5.99	7.47 5.75
7- 6	5.51 5.91	5.35 5.75	5.51 5.51	5.75 5.19	5.91 4.96	6.08 4.66
7- 7	4.44 4.51	4.22 4.37	4.08 4.08	4.22 3.81	4.44 3.74	4.59 3.61
7- 8	3.54 3.22	3.41 3.09	3.41 3.15	3.34 3.22	3.28 3.15	3.28 3.15
7- 9	3.15 3.34	3.09 3.28	3.09 3.15	3.15 3.03	3.34 2.79	3.41 2.73
7-10	2.61 2.73	2.55 2.61	2.55 2.50	2.55 2.38	2.67 2.27	2.79 2.22
7-11	2.22 2.44	2.11 2.44	2.06 2.33	2.11 2.27	2.22 2.22	2.38 2.11
7-12	2.06 1.96	2.01 1.96	1.96 1.96	1.91 1.96	1.86 1.91	1.91 1.86
7-13	1.81 1.71	1.81 1.66	1.76 1.66	1.76 1.66	1.76 1.61	1.71 1.61
7-14	1.61 1.52	1.61 1.52	1.61 1.52	1.57 1.52	1.57 1.52	1.57 1.57
7-15	1.81 1.76	1.81 1.71	1.81 1.66	1.81 1.66	1.76 1.61	1.76 1.61
7-16	1.61 1.38	1.57 1.43	1.52 1.43	1.43 1.43	1.38 1.43	1.38 1.38

(1) DATA FROM EMMETT, MYRICK, AND MEADE, 1982, TABLE 5.

TABLE 4.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 2505, EAST FORK RIVER, WYOMING, 1980

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
5-10	---	---	---	---	---	---
5-11	---	---	---	---	---	---
5-12	---	---	---	---	---	---
5-13	---	---	---	---	---	---
5-14	---	---	---	---	---	---
5-15	---	---	---	---	---	---
5-16	2.60 2.50	2.60 2.45	2.60 2.60	2.60 2.70	2.60 2.81	2.55 2.91
5-17	3.19 3.25	3.36 3.25	3.54 3.25	3.54 3.36	3.48 3.54	3.42 3.78
5-18	3.91 3.60	3.97 3.25	4.03 3.08	4.03 3.08	3.84 3.25	3.72 3.25
5-19	3.31 3.42	3.42 3.19	3.60 3.08	3.66 3.08	3.66 3.14	3.54 3.19
5-20	3.31 4.16	3.54 4.16	3.84 4.10	4.16 4.10	4.22 4.16	4.22 4.42
5-21	6.61 8.31	7.87 8.04	8.58 7.95	9.03 8.22	8.94 10.3	8.67 12.6
5-22	14.6 16.0	15.6 15.5	16.5 15.5	16.9 16.0	17.0 17.1	16.7 18.3
5-23	19.6 23.4	20.5 23.5	21.4 23.6	22.2 23.8	22.6 23.6	23.1 23.6
5-24	23.5 22.9	23.5 22.3	23.5 21.6	23.4 21.1	23.4 20.4	23.2 19.7
5-25	19.2 14.5	18.5 13.3	17.8 12.4	17.0 12.0	16.3 11.7	15.4 11.5
5-26	11.3 9.13	11.0 8.85	10.6 8.58	10.2 7.87	9.79 7.87	9.41 7.87

TABLE 4.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 2505, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
5-27	7.78 5.54	7.61 5.76	7.44 6.38	7.10 6.22	6.53 6.06	6.14 6.06
5-28	6.14 4.96	6.14 4.83	5.99 4.76	5.84 4.76	5.61 4.69	5.39 4.62
5-29	4.69 4.29	4.76 4.22	4.76 4.22	4.69 4.22	4.55 4.03	4.35 3.97
5-30	3.91 3.31	3.91 3.31	3.91 3.31	3.84 3.36	3.72 3.54	3.54 3.54
5-31	3.54 3.60	3.60 3.48	3.66 3.42	3.72 3.54	3.72 3.66	3.66 3.66
6- 1	3.66 3.36	3.66 3.36	3.66 3.36	3.66 3.36	3.54 3.36	3.42 3.42
6- 2	3.42 3.54	3.42 3.54	3.48 3.48	3.54 3.42	3.54 3.48	3.54 3.54
6- 3	3.60 3.42	3.60 3.36	3.66 3.31	3.66 3.25	3.60 3.19	3.54 3.14
6- 4	3.08 3.19	3.08 3.14	3.14 3.08	3.19 3.02	3.19 2.97	3.19 2.91
6- 5	2.97 3.72	3.08 3.78	3.25 3.78	3.42 3.78	3.60 3.84	3.66 3.91
6- 6	4.10 4.89	4.29 4.89	4.55 4.89	4.76 4.83	4.83 4.83	4.89 4.83
6- 7	4.96 4.83	5.11 4.69	5.32 4.62	5.32 4.96	5.25 5.03	5.03 5.11
6- 8	5.69 7.27	6.45 6.94	6.86 7.02	7.19 7.10	7.35 7.52	7.27 8.49
6- 9	10.4 14.8	11.9 14.6	13.1 14.3	14.0 14.0	14.6 14.0	14.8 14.6
6-10	15.5 20.3	16.5 20.3	17.5 20.1	18.5 19.7	19.3 19.5	19.9 19.2
6-11	19.7 23.8	20.4 23.6	21.2 23.5	22.2 22.9	22.9 22.3	23.4 21.9
6-12	21.8 25.7	22.2 25.7	23.2 25.3	24.2 24.5	25.1 23.9	25.7 23.5

TABLE 4.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 2505, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
6-13	23.1 23.9	23.1 23.6	23.2 23.2	23.5 22.5	23.8 21.8	24.1 21.1
6-14	20.7 22.8	21.1 22.6	21.8 21.9	22.1 20.9	22.6 20.1	22.8 19.5
6-15	19.2 19.7	19.5 19.1	19.9 18.3	20.1 17.4	20.3 16.5	20.3 15.8
6-16	14.9 10.8	14.2 10.2	13.5 9.79	13.0 9.41	12.3 9.31	11.6 9.50
6-17	10.4 13.2	11.4 12.9	12.2 12.4	12.9 12.1	13.3 12.0	13.4 12.3
6-18	13.3 19.7	14.7 19.7	16.0 19.5	17.4 18.7	18.5 17.6	19.2 16.7
6-19	16.3 17.8	16.5 17.0	17.0 16.3	17.4 15.6	17.8 15.0	17.9 14.9
6-20	15.6 22.9	17.0 22.9	18.3 22.6	19.6 21.8	20.9 20.5	22.1 19.2
6-21	18.4 21.1	18.4 20.8	19.3 20.1	19.9 18.8	20.4 17.4	20.9 16.1
6-22	15.6 18.4	16.0 17.8	16.9 16.7	17.6 15.3	18.3 14.1	18.5 13.3
6-23	13.5 19.7	14.6 19.5	15.9 18.4	17.2 16.7	18.3 14.8	19.2 13.5
6-24	13.2 17.0	13.7 16.3	14.7 14.9	15.8 13.5	16.6 12.3	17.1 11.5
6-25	11.2 16.0	11.8 15.3	13.1 14.0	14.3 12.7	15.4 11.4	16.0 10.6
6-26	10.5 15.2	11.5 14.0	12.9 12.7	14.2 11.4	15.2 10.3	15.5 9.60
6-27	9.60 14.3	10.8 13.1	12.2 11.7	13.5 10.6	14.6 9.69	14.8 8.85
6-28	8.13 8.31	8.04 7.44	8.04 6.61	8.04 6.14	8.04 5.76	7.95 5.54
6-29	5.46 5.84	5.39 5.69	5.39 5.54	5.61 5.69	6.14 5.54	6.06 5.18

TABLE 4.- BIHOURLY DISCHARGE(1), IN CUBIC METERS PER SECOND, AT SECTION 2505, EAST FORK RIVER, WYOMING, 1980--CONTINUED

DATE	TIME IN HOURS					
	2 14	4 16	6 18	8 20	10 22	12 24
6-30	4.89 7.35	4.76 7.27	4.89 6.94	5.91 6.69	6.69 6.69	7.19 6.61
7- 1	7.02 14.0	8.31 14.0	9.98 13.7	11.5 12.8	12.8 11.8	13.7 11.4
7- 2	11.0 13.9	10.7 13.5	10.9 12.6	11.6 11.7	12.7 10.8	13.5 9.89
7- 3	9.41 11.2	9.31 11.1	9.69 11.2	10.2 11.4	10.7 11.7	11.0 11.9
7- 4	12.0 12.2	12.3 11.4	12.8 10.5	13.2 9.60	13.2 8.94	13.0 8.31
7- 5	7.87 7.10	7.61 6.86	7.52 6.53	7.52 6.14	7.52 5.84	7.35 5.61
7- 6	5.54 5.76	5.39 5.61	5.32 5.46	5.46 5.25	5.69 5.03	5.76 4.83
7- 7	4.62 4.29	4.42 4.29	4.29 4.16	4.22 3.97	4.22 3.84	4.29 3.72
7- 8	3.60 3.14	3.48 3.02	3.42 3.02	3.36 3.02	3.25 3.02	3.19 3.02
7- 9	2.97 3.02	2.97 3.02	2.97 2.97	2.97 2.86	2.97 2.75	3.02 2.65
7-10	2.60 2.45	2.50 2.45	2.45 2.45	2.40 2.30	2.40 2.20	2.35 2.20

(1) DATA FROM EMMETT, MYRICK, AND MEADE, 1982, TABLE 6.

TABLE 5.- NUMBER OF PINK TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979

SECTION NUMBER	DATE								
	5-20	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30
0043	--	0	--	0	0	0	--	0	0
0075	--	--	0	0	0	0	0	0	0
0137	--	0	0	0	0	0	0	0	0
0220	0	0	0	0	0	0	0	0	0
0301	0	0	0	0	0	0	0	0	0
0301(2)	0	0	0	0	0	0	0	--	--
0421	0	0	0	0	0	0	0	0	0
0516	--	--	--	--	--	--	--	--	0
0602	--	--	--	--	--	--	--	--	0
0708	--	--	--	--	--	--	--	--	0
0808	--	--	--	--	--	--	--	0	0
0808(2)	--	--	--	--	--	--	--	--	--
0898	--	--	--	--	--	--	--	0	0
0985	--	--	--	--	--	--	0	0	0
1077	--	--	--	--	--	0	0	0	0
1155	--	--	--	--	0	0	0	0	3
1241	--	--	--	0	0	0	0	0	0
1315	0	--	0	0	0	0	0	0	0
1396	0	0	0	0	0	0	0	0	0
1400(3)	--	--	--	--	0	0	0	--	--
1481	0	0	0	0	1	0	0	0	0
1481(2)	0	0	1	0	0	0	0	--	0
1573	0	0	1	0	0	0	0	0	0
1662	0	0	0	0	5	0	0	0	0
1695	--	--	--	--	--	--	--	--	0
1766	--	--	--	--	--	--	--	--	0
1830	--	--	--	--	--	--	--	--	0
1901	--	--	--	--	--	--	--	--	0
1996	--	--	--	--	--	--	--	--	0
2082	--	--	--	--	--	--	--	--	0
2194	--	--	--	--	--	--	--	0	1
2278	--	--	--	--	--	--	0	0	0
2356	--	--	--	--	--	0	1	0	0
2422	--	--	--	--	0	0	0	0	2
2510	--	--	--	0	1	1	1	4	6
2608	--	--	0	0	1	2	2	0	5
2690	--	0	1	2	0	0	2	1	0
2778	--	0	0	7	1	7	43	78	49
2874	0	10	131	42	59	59	22	25	8
2961	133	148	57	46	26	12	10	10	9

TABLE 5.- NUMBER OF PINK TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION NUMBER	DATE								
	5-31	6-01	6-02	6-03	6-04	6-05	6-06	6-07	6-08
0043	0	0	0	0	1	0	0	0	0
0075	0	0	0	0	0	0	2	2	0
0137	0	0	0	0	1	0	1	0	0
0220	0	0	0	0	0	0	0	0	0
0301	0	0	0	0	0	0	0	0	0
0301(2)	--	--	--	--	--	0	0	0	--
0421	0	0	0	0	0	0	0	0	0
0516	0	0	0	0	0	0	0	0	0
0602	0	0	0	0	0	0	0	0	0
0708	0	0	0	0	0	0	0	0	0
0808	0	0	0	0	0	0	0	0	0
0808(2)	--	--	--	--	0	0	0	0	0
0898	0	0	0	0	0	0	0	0	0
0985	0	0	0	0	0	0	0	0	0
1077	0	0	0	0	0	0	0	0	0
1155	0	0	0	0	0	0	0	0	0
1241	0	0	0	0	0	0	0	0	0
1315	0	0	0	0	0	0	0	0	0
1396	0	0	0	0	0	0	0	0	0
1400(3)	0	0	0	0	0	0	0	0	0
1481	0	0	0	0	0	0	0	0	0
1481(2)	0	0	0	0	0	0	0	0	--
1573	0	0	0	0	0	0	0	0	0
1662	0	0	0	0	0	0	0	0	0
1695	0	0	0	0	0	0	1	1	0
1766	0	0	3	2	0	1	0	0	1
1830	0	0	0	2	2	4	3	2	0
1901	0	0	0	3	0	0	1	0	0
1996	0	0	0	0	1	0	0	0	0
2082	0	0	0	0	1	1	3	5	1
2194	0	0	0	0	0	1	2	4	9
2278	0	1	1	6	6	3	4	13	3
2356	2	1	2	0	2	2	8	13	15
2422	1	3	5	1	0	0	32	31	29
2510	17	31	21	24	28	53	109	58	72
2608	8	11	22	47	65	85	50	42	59
2690	15	87	86	75	78	81	73	43	32
2778	55	95	104	52	30	21	20	11	12
2874	7	12	16	19	7	18	33	50	17
2961	6	4	3	2	4	6	65	3	4



TABLE 5.- NUMBER OF PINK TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION NUMBER	DATE								
	6-09	6-10	6-11	6-12	6-13	6-14	6-15	6-16	6-17
0043	0	0	0	0	0	0	0	0	0
0075	0	0	0	0	0	0	0	0	0
0137	0	0	0	0	0	0	0	0	0
0220	0	0	0	0	0	0	1	0	0
0301	0	0	0	0	0	0	0	0	0
0301(2)	--	--	--	0	0	0	0	0	0
0421	0	0	0	0	0	0	0	1	0
0516	0	0	0	0	0	0	0	0	1
0602	0	0	0	0	0	0	0	1	0
0708	0	0	0	0	0	0	0	0	0
0808	0	0	0	0	0	0	0	4	2
0808(2)	--	--	--	0	0	0	0	0	0
0898	0	0	0	0	0	0	0	0	0
0985	0	0	0	0	0	0	0	0	0
1077	0	0	0	0	0	0	0	1	0
1155	0	0	0	0	0	0	0	0	1
1241	0	0	0	0	0	0	0	0	5
1315	0	0	0	0	0	0	0	0	0
1396	0	0	0	0	0	0	0	0	0
1400(3)	0	0	0	0	0	0	0	0	1
1481	0	0	0	0	0	0	0	4	0
1481(2)	0	0	0	0	0	1	0	4	1
1573	0	0	0	0	0	2	0	0	0
1662	0	0	0	0	0	4	0	2	3
1695	2	0	1	4	7	3	3	3	4
1766	1	2	0	1	0	1	0	1	4
1830	1	0	7	0	4	5	2	2	6
1901	2	0	6	0	0	1	9	4	11
1996	0	1	1	1	0	1	0	4	4
2082	0	0	4	0	0	18	5	11	11
2194	10	10	2	1	12	11	21	23	25
2278	3	13	7	4	24	15	12	31	22
2356	24	62	38	16	35	29	17	43	43
2422	39	56	71	32	13	11	38	43	41
2510	67	94	69	68	92	63	42	66	36
2608	79	67	84	52	86	21	33	11	30
2690	47	77	44	53	45	36	40	33	44
2778	33	62	12	26	20	40	32	28	28
2874	15	13	17	12	27	67	23	14	13
2961	5	9	11	5	13	6	5	2	2

TABLE 5.- NUMBER OF PINK TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION NUMBER	DATE								
	6-18	6-19	6-20	6-21	6-22	6-23	6-24	6-25	6-26
0043	0	0	0	0	0	0	0	0	0
0075	0	0	0	0	0	0	0	0	0
0137	0	0	0	2	0	0	0	0	0
0220	0	0	0	1	0	0	0	0	0
0301	0	0	0	0	2	0	0	0	0
0301(2)	--	--	--	--	--	--	--	--	--
0421	0	0	0	0	0	0	0	0	0
0516	0	0	0	0	0	0	0	--	--
0602	0	0	0	0	0	0	0	--	0
0708	0	0	0	0	0	0	0	0	0
0808	0	0	0	0	0	0	0	--	--
0808(2)	0	--	--	--	--	--	--	--	--
0898	1	0	0	0	0	0	0	--	--
0985	0	0	0	3	0	0	0	--	--
1077	0	0	0	0	0	0	0	0	0
1155	4	0	0	1	0	0	0	0	0
1241	0	3	0	3	0	0	0	0	0
1315	0	0	0	0	0	0	0	0	0
1396	0	0	0	0	0	0	0	0	0
1400(3)	0	0	--	--	--	--	--	--	--
1481	0	0	0	0	2	0	0	0	--
1481(2)	0	0	--	--	--	--	--	--	--
1573	0	2	0	0	0	0	0	0	0
1662	6	0	3	10	5	0	0	--	0
1695	3	2	2	2	0	4	3	3	0
1766	1	7	4	3	4	0	0	2	4
1830	10	6	5	4	4	8	2	4	1
1901	3	22	18	29	21	13	10	--	--
1996	5	1	2	2	7	4	9	2	5
2082	16	3	8	3	1	2	5	5	--
2194	7	11	4	6	6	10	12	--	--
2278	22	28	28	8	15	18	32	--	--
2356	60	60	76	65	78	83	64	61	64
2422	32	49	47	42	63	58	37	42	65
2510	49	37	34	36	20	32	35	33	--
2608	37	24	28	18	25	33	35	69	64
2690	18	53	36	21	34	79	76	60	78
2778	10	29	40	62	86	69	63	54	--
2874	15	7	9	7	2	4	7	--	--
2961	1	3	3	0	2	1	2	--	--

TABLE 5.- NUMBER OF PINK TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION NUMBER	DATE			
	6-27	6-28	7-11	10-07(4)
0043	0	0	0	2
0075	0	0	0	1
0137	0	0	0	0
0220	0	0	0	0
0301	0	0	0	0
0301(2)	--	--	--	--
0421	0	0	0	1
0516	--	2	2	0
0602	--	0	2	0
0708	0	0	1	3
0808	--	1	0	2
0808(2)	--	--	--	--
0898	--	0	0	0
0985	--	0	0	0
1077	--	0	1	0
1155	0	0	2	1
1241	0	2	0	3
1315	0	0	0	3
1396	0	0	3	1
1400(3)	--	--	--	--
1481	0	0	0	0
1481(2)	--	--	--	--
1573	2	0	1	0
1662	2	0	6	3
1695	4	4	1	7
1766	3	3	0	3
1830	--	1	0	0
1901	--	18	5	10
1996	12	7	1	6
2082	--	4	3	7
2194	--	6	9	17
2278	--	26	7	22
2356	76	64	29	70
2422	45	52	33	49
2510	--	19	29	47
2608	87	122	74	29
2690	67	76	42	19
2778	--	50	24	24
2874	--	10	2	6
2961	--	2	3	2

- (1) PINK TRACER PARTICLES WERE PLACED AS BED MATERIAL 10 METERS DOWNSTREAM FROM SECTION 3047 ON MAY 18, 1979.
- (2) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.
- (3) BYPASS CHANNEL. SEE FIGURE 3.
- (4) SECTIONS 0043 THRU 0516 MEASURED ON 10-09 AND SECTIONS 0556 THRU 2194 MEASURED ON 10-08.

TABLE 6.- NUMBER OF BLUE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979

SECTION NUMBER	DATE								
	5-20	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30
0043	--	0	--	0	0	0	--	0	2
0075	--	--	0	0	0	0	0	0	4
0137	--	0	0	0	0	0	0	0	1
0220	0	0	0	0	0	0	1	0	0
0301	0	1	0	0	0	0	0	0	0
0301(2)	0	0	0	0	0	0	0	--	--
0421	0	0	0	0	0	1	0	0	0
0516	--	--	--	--	--	--	--	--	0
0602	--	--	--	--	--	--	--	--	0
0708	--	--	--	--	--	--	--	--	0
0808	--	--	--	--	--	--	--	0	0
0808(2)	--	--	--	--	--	--	--	--	--
0898	--	--	--	--	--	--	--	0	0
0985	--	--	--	--	--	--	0	0	0
1077	--	--	--	--	--	0	0	1	7
1155	--	--	--	--	4	2	8	3	11
1241	--	--	--	23	15	27	20	1	9
1315	31	--	12	35	49	112	68	20	72
1396	28	42	10	125	78	33	30	25	22
1400(3)	--	--	--	--	187	83	123	--	--
1481	19	93	159	109	68	98	27	8	12
1481(2)	7	52	249	232	121	59	33	--	15
1573	75	288	122	65	38	15	6	5	5
1662	222	260	23	2	3	8	1	0	2

TABLE 6.- NUMBER OF BLUE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION NUMBER	DATE								
	5-31	6-01	6-02	6-03	6-04	6-05	6-06	6-07	6-08
0043	0	0	0	0	1	1	0	1	1
0075	0	0	0	0	1	0	2	0	3
0137	0	0	0	0	0	0	1	0	0
0220	1	0	0	0	1	0	1	0	0
0301	0	0	0	0	0	0	1	0	1
0301(2)	--	--	--	--	--	1	2	4	--
0421	0	0	0	0	0	1	2	6	2
0516	0	0	1	0	0	2	12	4	5
0602	0	0	2	0	12	8	6	0	3
0708	0	2	6	0	0	0	0	3	21
0808	0	0	2	0	2	5	3	12	6
0808(2)	--	--	--	--	4	5	0	25	52
0898	0	3	0	0	0	3	6	6	1
0985	0	0	1	0	1	0	2	54	13
1077	16	10	13	0	16	40	169	24	58
1155	23	3	4	2	148	28	95	54	52
1241	61	66	72	32	72	40	69	69	66
1315	77	50	74	25	60	68	76	61	20
1396	31	9	109	28	6	3	19	13	82
1400(3)	92	87	13	86	68	138	199	56	19
1481	11	14	15	13	8	32	35	26	33
1481(2)	13	16	10	19	11	17	21	64	--
1573	1	7	5	10	27	73	34	7	11
1662	0	0	0	0	0	0	1	2	0

TABLE 6.- NUMBER OF BLUE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION NUMBER	DATE								
	6-09	6-10	6-11	6-12	6-13	6-14	6-15	6-16	6-17
0043	2	0	5	1	0	1	1	0	1
0075	7	3	0	4	0	1	2	3	4
0137	0	2	0	6	0	1	1	1	0
0220	0	0	1	2	0	3	1	0	2
0301	0	1	1	2	0	0	1	0	0
0301(2)	--	--	--	0	6	2	5	0	3
0421	0	3	3	1	1	7	3	3	1
0516	4	4	3	12	0	0	3	6	3
0602	1	3	9	5	0	2	4	12	0
0708	41	4	10	5	0	5	5	5	8
0808	9	3	17	7	4	8	16	22	10
0808(2)	--	--	--	18	11	20	8	11	9
0898	10	24	16	5	9	18	7	25	9
0985	3	13	23	5	16	5	21	48	21
1077	79	33	29	33	44	60	70	62	62
1155	73	70	124	56	54	45	44	42	50
1241	37	54	20	28	47	38	37	40	43
1315	22	37	31	24	18	41	57	26	31
1396	30	82	14	13	28	16	16	42	9
1400(3)	47	9	69	54	74	67	40	0	32
1481	15	51	22	14	38	17	7	16	12
1481(2)	48	12	18	69	48	54	10	22	8
1573	24	8	8	6	0	3	4	3	1
1662	4	1	0	2	0	2	0	0	0

TABLE 6.- NUMBER OF BLUE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION NUMBER	DATE								
	6-18	6-19	6-20	6-21	6-22	6-23	6-24	6-25	6-26
0043	0	1	6	1	6	5	3	1	2
0075	3	4	0	3	0	2	1	1	2
0137	2	1	0	0	0	2	2	0	1
0220	2	1	6	2	3	3	2	0	11
0301	1	6	12	8	3	6	4	3	0
0301(2)	--	--	--	--	--	--	--	--	--
0421	4	1	0	0	0	2	1	0	2
0516	0	9	1	2	2	8	9	--	--
0602	10	8	22	20	6	16	14	--	20
0708	7	14	24	32	10	14	16	24	21
0808	12	28	14	38	9	18	43	--	--
0808(2)	17	--	--	--	--	--	--	--	--
0898	18	47	35	66	10	33	60	--	--
0985	4	1	11	29	24	15	18	--	--
1077	48	22	33	53	35	49	62	56	21
1155	51	26	38	31	38	33	42	70	47
1241	29	53	38	39	25	24	13	24	26
1315	39	26	15	7	12	10	23	14	19
1396	4	10	14	7	6	8	11	15	10
1400(3)	32	25	--	--	--	--	--	--	--
1481	20	19	11	9	9	22	12	14.	--
1481(2)	20	8	--	--	--	--	--	--	--
1573	2	2	4	8	7	1	6	3	3
1662	3	1	1	0	0	1	0	--	0

TABLE 6.- NUMBER OF BLUE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION NUMBER	DATE			
	6-27	6-28	7-11	10-08(4)
0043	1	3	2	3
0075	1	4	5	2
0137	1	1	1	1
0220	2	1	0	1
0301	0	0	3	3
0301(2)	--	--	--	--
0421	1	5	0	2
0516	--	2	5	9
0602	--	11	17	13
0708	20	16	9	11
0808	--	18	4	5
0808(2)	--	--	--	--
0898	--	29	31	19
0985	--	21	9	4
1077	--	33	20	46
1155	25	35	43	38
1241	22	38	41	29
1315	3	31	12	8
1396	14	11	11	2
1400(3)	--	--	--	--
1481	20	9	27	6
1481(2)	--	--	--	--
1573	10	15	3	1
1662	0	2	0	2

- (1) BLUE TRACER PARTICLES WERE PLACED AS BED MATERIAL 10 METERS DOWNSTREAM FROM SECTION 1695 ON MAY 19, 1979.
- (2) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.
- (3) BYPASS CHANNEL. SEE FIGURE 3.
- (4) SECTIONS 0043 THRU 0516 MEASURED ON 10-09.



TABLE 7.- NUMBER OF ORANGE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979

SECTION NUMBER	DATE								
	5-20	5-21	5-23	5-24	5-25	5-26	5-27	5-28	5-30
0043	--	2	--	3	13	2	--	12	37
0075	--	--	0	33	37	34	7	37	58
0137	--	2	0	2	12	13	54	61	43
0220	6	13	0	13	28	29	38	62	27
0301	135	186	38	71	142	61	31	19	6
0301(2)	8	11	260	12	57	243	82	--	--
0421	209	73	76	7	10	10	0	1	1

SECTION NUMBER	DATE								
	5-31	6-01	6-02	6-03	6-04	6-05	6-06	6-07	6-08
0043	14	15	20	14	34	29	23	10	30
0075	29	27	49	67	26	29	20	36	31
0137	33	13	14	12	3	11	2	14	4
0220	23	10	18	18	12	17	11	22	9
0301	5	2	10	17	26	18	18	12	27
0301(2)	--	--	--	--	--	8	18	43	--
0421	3	11	156	19	26	23	24	4	11

SECTION NUMBER	DATE								
	6-09	6-10	6-11	6-12	6-13	6-14	6-15	6-16	6-17
0043	16	23	36	24	11	15	24	10	14
0075	20	21	19	18	17	11	10	12	20
0137	0	22	22	37	9	19	25	14	16
0220	2	23	8	13	11	15	23	23	17
0301	1	19	23	24	16	10	18	20	37
0301(2)	--	--	--	18	19	23	31	31	24
0421	2	56	114	51	49	52	10	9	16

TABLE 7.- NUMBER OF ORANGE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BED MATERIAL, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION NUMBER	DATE								
	6-18	6-19	6-20	6-21	6-22	6-23	6-24	6-25	6-26
0043	15	18	25	22	26	22	18	12	17
0075	12	9	12	10	16	19	18	8	17
0137	23	18	16	15	18	9	23	6	16
0220	11	11	23	4	17	6	14	14	19
0301	11	22	38	14	50	41	94	62	87
0301(2)	--	--	--	--	--	--	--	--	--
0421	46	112	70	265	121	79	19	105	43

SECTION NUMBER	DATE			
	6-27	6-28	7-11	10-09
0043	30	15	78	149
0075	14	15	134	122
0137	14	26	77	104
0220	75	40	45	48
0301	116	155	124	52
0301(2)	--	--	--	--
0421	32	137	67	163

- (1) ORANGE TRACER PARTICLES WERE PLACED AS BED MATERIAL 10 METERS DOWNSTREAM FROM SECTION 0516 ON MAY 19, 1979.  
(2) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.

TABLE 8.- NUMBER OF PINK TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980

SECTION NUMBER	DATE								
	5-16	5-19	5-21	5-22	5-24	5-26	5-27	5-28	5-29
0043	0++	0++	0+	--	--	0	0+	0++	--
0075	0+	0	0	--	--	4+	0+	0	0
0137	0	0+++	0++	--	--	0	0	0	--
0178	0	0	0	--	--	0	0	3	--
0220	0+	0	0	--	--	0	0+	0	--
0257	0+	0	0	--	--	2	0	0++	--
0301	0+	0	0	--	--	0+	0	0	0
0348	0	0	0	--	--	1	0	0	--
0421	0	0	2	--	--	0	0	0	--
0460	0	0++	3+	--	--	1	0++	0+	--
0516	0	1++	0	--	--	0	0++	0+	--
0556	0+++	1	0	--	--	0	0+	0	--
0602	3	0	1	--	--	0	0+	0	--
0653	0+	0+	0+	--	--	0	0	0+	--
0708	0	0	0	--	--	0	0	3	0
0757	0	0	3	--	--	0	0	0	--
0808	0	0	0	--	--	0	0	1	--
0853	3	3	0	--	--	0	0	0	--
0898	0++	3+	0	--	--	0	0	0	--
0940	0	3+	1	--	--	0	0	0	0++
0985	0	0	0	--	--	0	0+	0+	--
1038	1+	1	0	1	0	--	0+	0++	--
1077	0	4+	0	0	1	--	3+	0	--
1120	0+	8+	0	0	2	--	0	0	--
1155	0+++	0+++	3	0	1	--	4++	0+	--
1202	10	1+	5	0	2	--	3	2+	--
1241	1	4	0	0	4	--	9++	1	14
1284	0	1	1	0	7	--	1	4	--
1315	0	8	0	3	10	--	1	0+	--
1360	0+	4+	14+	0	19	--	0++	1	--
1396	0	3	2	0	4	--	3	2	--
1400(2)	--	--	0++	3	10	--	0	7+	--
1425	0++	5	0	0	1	--	1+	1	--
1481	0++	5	3	5	7	--	2	5	--
1533	3++	0+++	7	3	9	--	6	0	--
1573	0+++	0+++	14	3	3	--	2	1+	--
1610	0++	13	5	4	10	--	12+	6	--
1662	11	9+	4	3	13	--	19	13	--
1695	11+	6+	29	8	17	--	17	26	--
1730	7++	44	12	14	31	--	16	3++	--
1766	25	12	12	15	10	--	12+	28+	0+++
1800	6	7	35	24	21	--	27	24	--
1830	7+	26+	63	27	15	--	42	39	--

TABLE 8.- NUMBER OF PINK TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION NUMBER	DATE								
	5-30	6-01	6-03	6-05	6-07	6-09	6-10	6-11	6-12
0043	0+++	0++	0+++	0+++	0+++	0	2	0	0
0075	0+++	0	0	0	0	0	2	11	0
0137	0+	0++	0++	0+++	0	1	0	0	0
0178	0	0	0++	0	0	0	0	0	0
0220	0+	0++	0++	0	0	2	0	1	0
0257	0+	0++	0	0	0	0	0	0	0
0301	0	0+	0	0	0	0	0	1	0
0348	0	0	0	0	0	0	0	1	0
0421	0	0	0	0+	0	0	0	0	0
0460	0++	0++	0+++	0++	0++	0	0	1	0
0516	3++	0+++	0+++	0+++	0++	0	0	1	0
0556	0++	0++	2++	0+	1+	0	0	1	1
0602	6	4+	0+	0	0	0	0	1	0
0653	0++	1	0	0	0	0	0	1	1
0708	1+	3++	0	0	0	0	0	2	0
0757	0	0+	0	0	0	0	0+	19	10
0808	1	0	0	0	0	2	0	6	0
0853	0	0	0	0+++	0	1	18	5	1
0898	0	2	0++	0++	0++	3	7	8	1
0940	2+	0+	0++	0+	0	4	1	1	0
0985	0++	0+++	0++	0+++	0++	4	8	3	1
1038	0++	0+++	0+++	0+++	0+++	0	3	1	0
1077	0+	0+++	4	0	1	3	7	0	1
1120	0+	0++	0++	0+	10	0	2	5	1
1155	0+	0++	1++	0+++	0	1	2	6	1
1202	0++	0++	6	1	4	1	1	1	5
1241	0+	5	6	0	6	0	0	4	4
1284	0	3	1	0	5	0	6	10	3
1315	4	2	2	2+	10	0	4	3	3
1360	3	0++	5+	5	8	6	7	8	11
1396	5	0	5	1	5	7	2	9	5
1400(2)	0+++	--	--	--	0+++	4	9	10	26
1425	2+	1	2+	1	5	2	8	6	4
1481	3	8+	6	5	5	4	14	8	15
1533	8	6	0	6	5	9	8	4	10
1573	7	3+	8+	0++	5++	8	18	9	17
1610	4+	3	0+	3+	9	7	15	15	14
1662	19	2+	21	10+	21	14	10	15	21
1695	13++	9++	8++	10++	37	21	18	29	17
1730	0++	0+++	9++	0+++	24	13	16	21	30
1766	7+++	26++	42	37	18	13	12	22	15
1800	32	33	9++	45	16	13	7	14	21
1830	0	19++	7+++	0+++	23+	36	21	18	21

TABLE 8.- NUMBER OF PINK TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION NUMBER	DATE								
	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21
0043	0	0	0	--	0	0	0	0	0
0075	0	0	0	--	0	0	0	0	0
0137	0	0	0	--	0	0	0	0	0
0178	0	1	1	--	0	0	0	0	0
0220	0	0	2	--	0	0	0	0	0
0257	0	0	1	1	0	0	0	2	0
0301	0	1	0	0	0	0	0	1	0
0348	0	1	0	0	0	0	0	0	0
0421	0	0	0	0	1	0	0	2	2
0460	0	0	0	--	0	0	0	10	0
0516	0	0	2	--	0	0	2	1	0
0556	0	1	2	--	1	1	2	1	0
0602	0	0	1	--	8	1	1	0	0
0653	7	7	5	--	3	2	0	1	0
0708	3	0	1	0	1	0	0	0	1
0757	6	2	1	0	1	0	0	2	1
0808	2	0	4	0	1	1	2	2	3
0853	2	2	1	0	1	0	0	4	0
0898	2	0	0	--	0	0	0	0	2
0940	0	2	1	--	0	0	0	0	1
0985	0	0	0	--	1	0	1	8	3
1038	3	2	1	--	2	0	4	2	2
1077	0	0	0	--	2	0	2	6	5
1120	0	0	1	--	0	1	15	10	7
1155	0	1	0	--	7	7	6	6	6
1202	0	0	3	--	10	3	3	9	4
1241	0	2	4	11	9	1	3	7	7
1284	6	11	7	13	14	2	4	20	8
1315	4	4	12	17	9	12	10	9	16
1360	2	11	11	12	13	8	13	6	12
1396	3	3	8	10	17	9	4	7	9
1400(2)	9	18	13	19	17	9	19	12	17
1425	1	7	16	5	3	7	7	6	18
1481	9	6	18	9	16	19	12	11	20
1533	17	7	10	--	15	15	15	23	17
1573	9	14	10	--	16	11	23	8	19
1610	4	13	16	--	19	18	16	27	25
1662	21	22	24	--	16	16	26	11	20
1695	14	14	10	--	17	15	8	22	21
1730	14	28	10	--	15	18	18	13	6
1766	8	0	15	--	13	15	21	18	12
1800	16	20	36	--	30	25	22	15	13
1830	21	19	26	--	19	18	19	18	16

TABLE 8.- NUMBER OF PINK TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION NUMBER	DATE								
	6-22	6-23	6-25	6-27	6-29	7-01	7-03	7-05	7-07
0043	--	0	0	1	--	--	--	--	--
0075	--	3	0	1	--	--	--	--	--
0137	--	0	1	1	--	--	--	--	--
0178	--	0	21	0	--	--	--	--	--
0220	--	3	1	0	--	--	--	--	--
0257	--	0	0	0	--	--	--	--	--
0301	--	2	0	1	--	--	--	--	--
0348	--	2	11	3	2	--	--	--	--
0421	--	0	1	0	--	--	--	--	--
0460	--	3	0	1	--	--	--	--	--
0516	--	0	1	0	--	--	--	--	--
0556	--	0	3	6	--	--	--	--	--
0602	--	2	1	2	--	--	--	--	--
0653	--	1	17	3	--	--	--	--	--
0708	--	4	0	3	--	--	--	--	--
0757	--	0	0	1	--	--	--	--	--
0808	0	0	1	2	2	--	--	--	--
0853	1	0	1	2	--	--	--	--	--
0898	11	7	6	3	--	--	--	--	--
0940	3	1	0	1	--	--	--	--	--
0985	4	2	5	6	--	--	--	--	--
1038	8	5	25	11	--	--	--	--	--
1077	--	4	25	17	--	--	--	--	--
1120	--	10	5	17	--	--	--	--	--
1155	--	3	9	11	--	--	--	--	--
1202	--	16	8	11	--	--	--	--	--
1241	--	7	15	18	--	--	--	--	--
1284	--	10	21	25	--	--	--	--	--
1315	--	9	26	27	--	--	--	--	--
1360	--	8	13	20	--	--	--	--	--
1396	--	6	8	15	--	--	--	--	--
1400(2)	--	7	24	0	--	--	--	--	--
1425	--	19	14	14	--	--	--	--	--
1481	--	18	21	28	--	--	--	--	--
1533	--	9	16	24	--	--	14	13	1+
1573	--	13	28	22	--	--	--	17	15
1610	--	21	28	29	--	20	--	19+	0+++
1662	--	17	15	29	--	--	--	--	--
1695	--	12	14	21	--	--	--	--	--
1730	--	17	6	17	--	--	--	--	--
1766	--	21	17	21	--	--	--	--	--
1800	--	16	21	25	--	--	--	--	--
1830	--	20	22	18	--	--	--	--	--

TABLE 8.- NUMBER OF PINK TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

- (1) PINK TRACER PARTICLES WERE PLACED AS BED MATERIAL 10 METERS DOWNSTREAM FROM SECTION 3047 ON MAY 18, 1979.
- (2) BYPASS CHANNEL. SEE FIGURE 3.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS: NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE NOT CONSIDERED RELIABLE.

TABLE 9.- NUMBER OF BLUE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980

SECTION NUMBER	DATE								
	5-16	5-19	5-21	5-22	5-24	5-26	5-27	5-28	5-29
0043	0++	1++	7+	--	--	3	2+	0++	--
0075	8+	10	8	--	--	2+	0+	0	18
0137	9	0+++	7++	--	--	4	0	3	--
0178	8	12	17	--	--	2	3	0	--
0220	5+	18	15	--	--	0	4+	2	--
0257	24+	19	7	--	--	7	8	7++	--
0301	15+	11	6	--	--	2+	5	14	11
0348	3	7	3	--	--	9	4	8	--
0421	11	18	19	--	--	14	7	5	--
0460	10	4++	17+	--	--	16	0++	4+	--
0516	30	10++	27	--	--	19	2++	10+	--
0556	8+++	39	26	--	--	8	12+	12	--
0602	46	41	23	--	--	16	32+	24	--
0653	26+	53+	23+	--	--	34	52	42+	--
0708	53	32	29	--	--	43	36	60	32
0757	46	32	45	--	--	34	50	37	--
0808	51	33	32	--	--	41	38	49	--
0853	34	25	31	--	--	55	18	32	--
0898	0++	39+	14	--	--	24	27	29	--
0940	37	19+	31	--	--	21	39	19	21++
0985	46	36	26	--	--	38	15+	12+	--
1038	31+	46	46	35	25	--	15+	0++	--
1077	29	29+	21	23	28	--	20+	20	--
1120	17+	14+	17	11	18	--	17	16	--
1155	0+++	0+++	16	6	25	--	20++	10+	--
1202	16	8+	21	10	22	--	21	1+	--
1241	9	7	14	12	22	--	2++	9	3
1284	5	2	3	3	7	--	2	11	--
1315	4	3	0	7	29	--	4	0+	--
1360	5+	3+	0+	1	2	--	7++	6	--
1396	2	0	2	0	1	--	4	10	--
1400(2)	--	--	0++	19	19	--	10	15+	--
1425	4++	4	6	1	4	--	2+	5	--
1481	6++	2	2	1	3	--	6	2	--
1533	0++	0+++	0	3	5	--	3	2	--
1573	0+++	0+++	4	4	13	--	5	5+	--
1610	4++	2	0	3	3	--	2+	0	--
1662	0	2+	0	4	6	--	0	0	--



TABLE 9.- NUMBER OF BLUE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION NUMBER	DATE								
	5-30	6-01	6-03	6-05	6-07	6-09	6-10	6-11	6-12
0043	0+++	4++	0+++	0+++	0+++	6	11	4	11
0075	0+++	2	7	3	0	12	4	6	0
0137	4+	2++	4++	0+++	9	16	15	18	8
0178	4	10	0++	12	21	16	8	14	10
0220	7+	7++	3++	25	19	13	9	10	8
0257	9+	9++	23	18	14	9	6	5	20
0301	8	20+	21	16	26	16	11	9	16
0348	27	18	30	25	25	20	7	8	3
0421	17	29	14	2+	29	11	25	25	21
0460	6++	12++	0+++	4++	0++	11	16	26	23
0516	18++	12+++	20+++	5+++	2++	6	14	25	21
0556	13++	6++	11++	8+	24+	36	31	24	19
0602	36	118+	27+	50	46	32	39	14	13
0653	31++	50	46	46	45	29	38	13	8
0708	65+	64++	24	33	29	34	19	19	14
0757	37	38+	44	37	29	34	9+	10	24
0808	27	29	32	30	16	0	36	10	23
0853	23	19	25	0+++	20	44	23	30	23
0898	27	25	17++	22++	15++	19	26	9	21
0940	0+	30+	11++	21+	32	12	27	16	31
0985	20++	0+++	5++	0+++	20++	20	39	18	19
1038	27++	0+++	18+++	0+++	0+++	6	21	9	13
1077	26+	0+++	7	7	6	4	13	1	15
1120	5+	17++	5++	4+	29	1	14	21	14
1155	56+	2++	3++	0+++	17	15	20	22	16
1202	9++	3++	11	12	7	7	8	8	11
1241	6+	11	12	7	9	5	3	12	12
1284	9	12	2	5	2	0	9	6	2
1315	5	4	9	3+	11	5	10	6	6
1360	0	0++	2+	3	3	0	3	3	1
1396	7	0	2	1	1	0	1	1	2
1400(2)	0+++	--	--	--	0+++	0	7	6	5
1425	1+	4	0+	0	9	0	3	3	1
1481	4	5+	3	2	1	0	1	3	2
1533	3	3	0	1	4	0	1	0	0
1573	3	3+	4+	16++	0++	0	1	1	1
1610	3+	0	0+	3+	0	0	1	2	1
1662	0	0+	0	0+	0	0	0	2	0

TABLE 9.- NUMBER OF BLUE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION NUMBER	DATE								
	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21
0043	6	14	6	--	9	18	19	6	9
0075	22	12	15	--	14	24	16	17	14
0137	7	12	10	--	20	17	20	10	19
0178	8	10	17	--	20	20	24	16	17
0220	14	13	25	--	21	20	26	9	18
0257	13	13	11	19	20	17	31	11	13
0301	16	29	29	12	12	19	24	11	22
0348	38	25	26	33	23	17	22	16	28
0421	25	32	13	18	19	30	20	23	21
0460	20	13	15	--	21	10	13	24	17
0516	19	9	18	--	9	14	19	26	25
0556	8	8	18	--	34	19	22	27	19
0602	19	20	20	--	30	32	22	22	9
0653	11	29	22	--	12	33	21	14	14
0708	29	18	28	18	20	18	12	10	11
0757	31	18	14	15	20	15	7	15	19
0808	27	22	27	14	35	26	22	12	17
0853	27	13	9	19	18	5	10	0	16
0898	36	31	22	--	7	7	30	17	11
0940	26	13	20	--	12	16	11	15	16
0985	19	20	12	--	15	13	14	11	14
1038	11	8	11	--	21	21	12	11	11
1077	12	19	18	--	14	36	13	8	8
1120	8	0	7	--	15	10	8	6	0
1155	9	10	16	--	4	8	10	9	4
1202	12	14	11	--	3	4	5	0	6
1241	18	11	12	15	5	6	0	3	3
1284	1	11	5	6	5	4	2	3	1
1315	4	2	3	3	4	1	1	1	1
1360	0	2	0	3	2	0	0	0	0
1396	1	1	2	0	3	0	0	0	0
1400(2)	0	1	0	4	3	1	0	0	1
1425	0	0	0	0	1	0	0	0	0
1481	1	0	1	0	0	0	0	0	0
1533	1	0	1	--	0	0	1	0	0
1573	0	1	0	--	0	0	0	0	0
1610	1	0	0	--	0	0	0	0	0
1662	0	0	0	--	0	0	0	11	0

TABLE 9.- NUMBER OF BLUE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION NUMBER	DATE								
	6-22	6-23	6-25	6-27	6-29	7-01	7-03	7-05	7-07
0043	--	26	10	21	--	--	--	--	--
0075	--	6	12	11	--	--	--	--	--
0137	--	18	28	26	--	--	--	--	--
0178	--	18	7	21	--	--	--	--	--
0220	--	41	29	13	--	--	--	--	--
0257	--	0	29	14	--	--	--	--	--
0301	--	25	14	23	--	--	--	--	--
0348	--	26	8	14	27	--	--	--	--
0421	--	15	16	25	--	--	--	--	--
0460	--	33	11	27	--	--	--	--	--
0516	--	18	25	28	--	--	--	--	--
0556	--	10	18	33	--	--	--	--	--
0602	--	10	19	13	--	--	--	--	--
0653	--	11	1	30	--	--	--	--	--
0708	--	15	20	11	--	--	--	--	--
0757	--	15	17	24	--	--	--	--	--
0808	10	19	24	20	20	--	--	--	--
0853	13	11	17	0	--	--	--	--	--
0898	20	12	14	0	--	--	--	--	--
0940	17	9	8	0	--	--	--	--	--
0985	11	8	10	0	--	--	--	--	--
1038	5	2	6	17	--	--	--	--	--
1077	--	2	9	9	--	--	--	--	--
1120	--	7	2	3	--	--	--	--	--
1155	--	2	4	1	--	--	--	--	--
1202	--	5	12	0	--	--	--	--	--
1241	--	2	0	2	--	--	--	--	--
1284	--	1	1	3	--	--	--	--	--
1315	--	2	1	6	--	--	--	--	--
1360	--	0	0	0	--	--	--	--	--
1396	--	0	0	1	--	--	--	--	--
1400(2)	--	0	1	0	--	--	--	--	--
1425	--	0	0	1	--	--	--	--	--
1481	--	0	0	0	--	--	--	--	--
1533	--	0	5	0	--	--	0	0	0+
1573	--	0	0	0	--	--	--	0	0
1610	--	0	0	0	--	0	--	0+	0+++
1662	--	0	0	1	--	--	--	--	--

TABLE 9.- NUMBER OF BLUE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

- (1) BLUE TRACER PARTICLES WERE PLACED AS BED MATERIAL 10 METERS DOWNSTREAM FROM SECTION 1695 ON MAY 19, 1979.
- (2) BYPASS CHANNEL. SEE FIGURE 3.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE NOT CONSIDERED RELIABLE.

TABLE 10.- NUMBER OF ORANGE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980

SECTION NUMBER	DATE								
	5-16	5-19	5-21	5-22	5-24	5-26	5-27	5-28	5-29
0043	29++	23++	50+	---	---	32	26+	18++	---
0075	8+	14	30	---	---	12+	2+	12	4
0137	29	0+++	6++	---	---	9	6	7	---
0178	11	25	9	---	---	6	8	6	---
0220	11+	15	8	---	---	2	2+	5	---
0257	10+	5	4	---	---	4	0	0++	---
0301	18+	6	3	---	---	6+	0	0	1
0348	8	4	3	---	---	0	1	0	---
0421	16	2	2	---	---	0	1	0	---
0460	4	0++	1+	---	---	0	0++	0+	---

SECTION NUMBER	DATE								
	5-30	6-01	6-03	6-05	6-07	6-09	6-10	6-11	6-12
0043	120+++	17++	0+++	0+++	0+++	10	11	6	8
0075	0+++	12	5	13	0	7	8	0	0
0137	4+	7++	1++	0+++	4	3	0	6	3
0178	7	2	0++	2	1	1	1	2	4
0220	6+	0++	0++	3	3	1	3	3	5
0257	0+	3++	0	1	4	9	1	2	2
0301	0	3+	0	0	4	4	3	1	1
0348	0	1	0	1	1	0	0	0	0
0421	0	1	1	0+	0	2	0	0	0
0460	0++	0++	0+++	0++	0++	4	0	0	0

SECTION NUMBER	DATE								
	6-13	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21
0043	2	9	5	---	14	10	7	5	1
0075	5	5	4	---	7	4	6	5	0
0137	5	8	2	---	3	7	3	4	0
0178	8	5	2	---	1	6	4	2	0
0220	11	0	2	---	4	0	0	0	0
0257	11	1	1	4	1	4	0	0	0
0301	7	1	2	0	0	3	0	0	1
0348	13	0	0	0	0	0	0	0	0
0421	4	0	0	1	0	0	0	0	0
0460	8	0	0	---	0	0	0	0	0

TABLE 10.- NUMBER OF ORANGE TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION NUMBER	DATE								
	6-22	6-23	6-25	6-27	6-29	7-01	7-03	7-05	7-07
0043	--	5	3	7	--	--	--	--	--
0075	--	2	2	1	--	--	--	--	--
0137	--	0	2	10	--	--	--	--	--
0178	--	2	1	10	--	--	--	--	--
0220	--	2	1	15	--	--	--	--	--
0257	--	0	2	10	--	--	--	--	--
0301	--	0	0	7	--	--	--	--	--
0348	--	0	0	5	0	--	--	--	--
0421	--	0	0	8	--	--	--	--	--
0460	--	0	0	15	--	--	--	--	--

- (1) ORANGE TRACER PARTICLES WERE PLACED AS BED MATERIAL 10 METERS DOWNSTREAM FROM SECTION 0516 ON MAY 19, 1979.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE NOT CONSIDERED RELIABLE.

TABLE 11.- NUMBER OF GREEN TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980

SECTION NUMBER	DATE								
	6-01	6-03	6-05	6-07	6-09	6-10	6-11	6-12	6-13
0043	0++	0+++	0+++	0+++	0	0	0	0	0
0075	0	0	0	0	2	0	12	0	0
0137	0++	0++	0+++	0	1	0	0	1	0
0178	0	0++	0	0	0	0	0	0	0
0220	0++	0++	0	0	1	0	0	0	0
0257	0++	0	0	0	0	0	0	0	0
0301	0+	0	0	0	0	0	0	0	0
0348	0	0	0	0	0	0	0	0	0
0421	0	0	0+	0	0	0	0	0	0
0460	0++	0+++	0++	0++	0	0	0	0	0
0516	0+++	0+++	0+++	0++	0	0	0	0	0
0556	0++	0++	0+	0+	0	0	0	0	0
0602	0+	0+	0	0	0	0	0	0	0
0653	0	0	0	0	0	0	0	2	0
0708	0++	0	0	0	0	0	1	0	0
0757	0+	0	0	0	0	0+	15	2	0
0808	0	0	0	0	3	0	3	1	0
0853	0	0	0+++	0	0	3	0	0	0
0898	1	0++	0++	0++	5	3	5	0	0
0940	0+	0++	0+	0	3	0	0	0	1
0985	0+++	0++	0+++	0++	0	0	0	0	0
1038	0+++	0+++	0+++	0+++	0	0	0	0	0
1077	0+++	0	0	0	1	0	0	1	0
1120	0++	0++	0+	0	0	0	3	0	0
1155	0++	0++	0+++	0	0	0	4	0	0
1202	0++	0	0	0	0	0	3	9	2
1241	0	0	0	0	0	8	12	4	2
1284	0	0	0	0	0	22	50	25	47
1315	0	1	0+	0	12	21	33	18	15
1360	0++	0+	0	2	48	35	25	34	22
1396	0	0	1	1	34	32	19	20	5
1400(2)	--	--	--	0+++	23	75	89	104	60
1425	0	0+	0	7	21	10	30	15	6
1481	0+	0	0	3	24	55	34	18	11
1533	0	0	7	7	128	33	12	7	1
1573	0+	0+	0++	185++	77	108	6	2	0
1610	34	0+	0+	15	34	0	0	0	0

TABLE 11.- NUMBER OF GREEN TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION NUMBER	DATE								
	6-14	6-15	6-16	6-17	6-18	6-19	6-20	6-21	6-22
0043	2	1	--	0	0	0	0	0	--
0075	0	0	--	1	0	0	0	0	--
0137	0	0	--	1	0	0	0	0	--
0178	0	0	--	0	0	0	0	0	--
0220	0	1	--	0	0	0	0	0	--
0257	1	0	0	0	0	0	0	0	--
0301	0	0	0	0	0	0	0	0	--
0348	0	0	0	0	0	0	0	0	--
0421	0	0	0	0	0	0	0	0	--
0460	0	0	--	0	0	0	0	0	--
0516	0	0	--	0	0	0	0	0	--
0556	0	0	--	0	0	0	0	0	--
0602	0	0	--	1	0	0	0	0	--
0653	0	0	--	9	0	0	0	0	--
0708	0	0	0	0	0	0	0	0	--
0757	0	0	0	0	0	0	2	2	--
0808	0	0	0	4	1	1	3	4	0
0853	0	0	0	0	0	0	2	0	0
0898	0	0	--	0	0	0	0	0	13
0940	0	0	--	0	0	1	0	1	7
0985	0	0	--	0	0	0	18	4	7
1038	0	0	--	4	3	2	3	3	17
1077	0	1	--	1	0	0	10	9	--
1120	0	0	--	4	4	12	20	13	--
1155	0	0	--	5	26	5	15	9	--
1202	0	2	--	7	5	9	15	8	--
1241	6	14	17	23	12	10	10	11	--
1284	29	18	21	21	4	9	16	4	--
1315	20	21	29	16	21	16	5	9	--
1360	18	9	11	3	10	4	1	4	--
1396	5	1	7	0	9	5	2	6	--
1400(2)	36	18	22	19	12	26	18	12	--
1425	3	6	3	1	2	5	7	2	--
1481	11	2	4	1	5	5	17	1	--
1533	0	1	--	1	8	12	3	2	--
1573	1	1	--	3	8	5	1	1	--
1610	0	0	--	0	0	0	0	0	--



TABLE 11.- NUMBER OF GREEN TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION NUMBER	DATE							
	6-23	6-25	6-27	6-29	7-01	7-03	7-05	7-07
0043	0	0	0	--	--	--	--	--
0075	0	0	0	--	--	--	--	--
0137	0	0	0	--	--	--	--	--
0178	0	9	0	--	--	--	--	--
0220	0	0	0	--	--	--	--	--
0257	0	0	0	--	--	--	--	--
0301	0	0	0	--	--	--	--	--
0348	2	0	2	3	--	--	--	--
0421	1	0	1	--	--	--	--	--
0460	5	0	0	--	--	--	--	--
0516	0	2	3	--	--	--	--	--
0556	0	2	4	--	--	--	--	--
0602	0	3	3	--	--	--	--	--
0653	1	0	2	--	--	--	--	--
0708	1	0	5	--	--	--	--	--
0757	2	0	3	--	--	--	--	--
0808	0	3	3	3	--	--	--	--
0853	6	1	2	--	--	--	--	--
0898	5	3	7	--	--	--	--	--
0940	0	0	2	--	--	--	--	--
0985	3	7	15	--	--	--	--	--
1038	12	12	11	--	--	--	--	--
1077	10	12	10	--	--	--	--	--
1120	10	8	3	--	--	--	--	--
1155	3	9	2	--	--	--	--	--
1202	17	4	2	--	--	--	--	--
1241	3	2	3	--	--	--	--	--
1284	9	3	2	--	--	--	--	--
1315	8	5	3	--	--	--	--	--
1360	0	0	1	--	--	--	--	--
1396	0	0	0	--	--	--	--	--
1400(2)	6	4	3	--	--	--	--	--
1425	0	0	0	--	--	--	--	--
1481	1	0	2	--	--	--	--	--
1533	0	1	4	--	--	2	3	0+
1573	0	2	10	--	--	--	2	0
1610	0	0	0	--	1	--	0+	0+++

TABLE 11.- NUMBER OF GREEN TRACER PARTICLES(1) BETWEEN 0.25 AND 8.00 MILLIMETERS, PER 100 GRAMS OF BEDLOAD, AS A FUNCTION OF DATE AND SECTION, EAST FORK RIVER, WYOMING, 1980--CONTINUED

- (1) GREEN TRACER PARTICLES WERE PLACED AS BED MATERIAL 42 METERS DOWNSTREAM FROM SECTION 1662 ON MAY 31, 1980.
- (2) BYPASS CHANNEL. SEE FIGURE 3.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS: NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE NOT CONSIDERED RELIABLE.

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979

DATE	SECTION 0043					SECTION 0075				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	0	0	0	0	0	--	--	--	--	--
5-23	--	--	--	--	--	0	0	0	0	0
5-24	0	0	0	0	0	0	0	0	0	0
5-25	0	0	0	0	0	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	--	--	--	--	--	0	0	0	0	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	1	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	1	1	0	0	0
6-07	0	0	0	0	0	1	1	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	0	0	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	0	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	0	0	0	0	0	0	0	0	0	0
6-17	0	0	0	0	0	0	0	0	0	0
6-18	0	0	0	0	0	0	0	0	0	0
6-19	0	0	0	0	0	0	0	0	0	0
6-20	0	0	0	0	0	0	0	0	0	0
6-21	0	0	0	0	0	0	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0	0
6-23	0	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0	0
6-25	0	0	0	0	0	0	0	0	0	0
6-26	0	0	0	0	0	0	0	0	0	0
6-27	0	0	0	0	0	0	0	0	0	0
6-28	0	0	0	0	0	0	0	0	0	0
7-11	0	0	0	0	0	0	0	0	0	0
10-09	1	1	0	0	0	0	0	1	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0137					SECTION 0220				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	0	0	0	0	0
5-21	0	0	0	0	0	0	0	0	0	0
5-23	0	0	0	0	0	0	0	0	0	0
5-24	0	0	0	0	0	0	0	0	0	0
5-25	0	0	0	0	0	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	0	0	0	0	0	0	0	0	0	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	1	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	1	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	0	0	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	0	0	0	0	0
6-15	0	0	0	0	0	0	1	0	0	0
6-16	0	0	0	0	0	0	0	0	0	0
6-17	0	0	0	0	0	0	0	0	0	0
6-18	0	0	0	0	0	0	0	0	0	0
6-19	0	0	0	0	0	0	0	0	0	0
6-20	0	0	0	0	0	0	0	0	0	0
6-21	1	1	0	0	0	1	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0	0
6-23	0	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0	0
6-25	0	0	0	0	0	0	0	0	0	0
6-26	0	0	0	0	0	0	0	0	0	0
6-27	0	0	0	0	0	0	0	0	0	0
6-28	0	0	0	0	0	0	0	0	0	0
7-11	0	0	0	0	0	0	0	0	0	0
10-09	0	0	0	0	0	0	0	0	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0301					SECTION 0301(2)				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	0	0	0	0	0	0	0	0	0	0
5-21	0	0	0	0	0	0	0	0	0	0
5-23	0	0	0	0	0	0	0	0	0	0
5-24	0	0	0	0	0	0	0	0	0	0
5-25	0	0	0	0	0	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	0	0	0	0	0	0	0	0	0	0
5-28	0	0	0	0	0	--	--	--	--	--
5-30	0	0	0	0	0	--	--	--	--	--
5-31	0	0	0	0	0	--	--	--	--	--
6-01	0	0	0	0	0	--	--	--	--	--
6-02	0	0	0	0	0	--	--	--	--	--
6-03	0	0	0	0	0	--	--	--	--	--
6-04	0	0	0	0	0	--	--	--	--	--
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	--	--	--	--	--
6-09	0	0	0	0	0	--	--	--	--	--
6-10	0	0	0	0	0	--	--	--	--	--
6-11	0	0	0	0	0	--	--	--	--	--
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	0	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	0	0	0	0	0	0	0	0	0	0
6-17	0	0	0	0	0	0	0	0	0	0
6-18	0	0	0	0	0	--	--	--	--	--
6-19	0	0	0	0	0	--	--	--	--	--
6-20	0	0	0	0	0	--	--	--	--	--
6-21	0	0	0	0	0	--	--	--	--	--
6-22	0	2	0	0	0	--	--	--	--	--
6-23	0	0	0	0	0	--	--	--	--	--
6-24	0	0	0	0	0	--	--	--	--	--
6-25	0	0	0	0	0	--	--	--	--	--
6-26	0	0	0	0	0	--	--	--	--	--
6-27	0	0	0	0	0	--	--	--	--	--
6-28	0	0	0	0	0	--	--	--	--	--
7-11	0	0	0	0	0	--	--	--	--	--
10-09	0	0	0	0	0	--	--	--	--	--

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0421					SECTION 0516				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	0	0	0	0	0	--	--	--	--	--
5-21	0	0	0	0	0	--	--	--	--	--
5-23	0	0	0	0	0	--	--	--	--	--
5-24	0	0	0	0	0	--	--	--	--	--
5-25	0	0	0	0	0	--	--	--	--	--
5-26	0	0	0	0	0	--	--	--	--	--
5-27	0	0	0	0	0	--	--	--	--	--
5-28	0	0	0	0	0	--	--	--	--	--
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	0	0	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	0	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	1	0	0	0	0	0	0	0	0	0
6-17	0	0	0	0	0	1	0	0	0	0
6-18	0	0	0	0	0	0	0	0	0	0
6-19	0	0	0	0	0	0	0	0	0	0
6-20	0	0	0	0	0	0	0	0	0	0
6-21	0	0	0	0	0	0	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0	0
6-23	0	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0	0
6-25	0	0	0	0	0	--	--	--	--	--
6-26	0	0	0	0	0	--	--	--	--	--
6-27	0	0	0	0	0	--	--	--	--	--
6-28	0	0	0	0	0	2	0	0	0	0
7-11	0	0	0	0	0	2	0	0	0	0
10-09	0	1	0	0	0	0	0	0	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0602					SECTION 0708				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--	--	--	--
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	0	0	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	0	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	0	1	0	0	0	0	0	0	0	0
6-17	0	0	0	0	0	0	0	0	0	0
6-18	0	0	0	0	0	0	0	0	0	0
6-19	0	0	0	0	0	0	0	0	0	0
6-20	0	0	0	0	0	0	0	0	0	0
6-21	0	0	0	0	0	0	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0	0
6-23	0	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0	0
6-25	--	--	--	--	--	0	0	0	0	0
6-26	0	0	0	0	0	0	0	0	0	0
6-27	--	--	--	--	--	0	0	0	0	0
6-28	0	0	0	0	0	0	0	0	0	0
7-11	2	0	0	0	0	1	0	0	0	0
10-08	0	0	0	0	0	3	0	0	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0808					SECTION 0808(2)				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--	--	--	--
5-28	0	0	0	0	0	--	--	--	--	--
5-30	0	0	0	0	0	--	--	--	--	--
5-31	0	0	0	0	0	--	--	--	--	--
6-01	0	0	0	0	0	--	--	--	--	--
6-02	0	0	0	0	0	--	--	--	--	--
6-03	0	0	0	0	0	--	--	--	--	--
6-04	0	0	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	--	--	--	--	--
6-10	0	0	0	0	0	--	--	--	--	--
6-11	0	0	0	0	0	--	--	--	--	--
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	0	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	3	1	0	0	0	0	0	0	0	0
6-17	2	0	0	0	0	0	0	0	0	0
6-18	0	0	0	0	0	0	0	0	0	0
6-19	0	0	0	0	0	--	--	--	--	--
6-20	0	0	0	0	0	--	--	--	--	--
6-21	0	0	0	0	0	--	--	--	--	--
6-22	0	0	0	0	0	--	--	--	--	--
6-23	0	0	0	0	0	--	--	--	--	--
6-24	0	0	0	0	0	--	--	--	--	--
6-25	--	--	--	--	--	--	--	--	--	--
6-26	--	--	--	--	--	--	--	--	--	--
6-27	--	--	--	--	--	--	--	--	--	--
6-28	1	0	0	0	0	--	--	--	--	--
7-11	0	0	0	0	0	--	--	--	--	--
10-08	1	1	0	0	0	--	--	--	--	--



TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0898					SECTION 0985				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--	--	--	--
5-27	--	--	--	--	--	0	0	0	0	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	0	0	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	0	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	0	0	0	0	0	0	0	0	0	0
6-17	0	0	0	0	0	0	0	0	0	0
6-18	1	0	0	0	0	0	0	0	0	0
6-19	0	0	0	0	0	0	0	0	0	0
6-20	0	0	0	0	0	0	0	0	0	0
6-21	0	0	0	0	0	3	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0	0
6-23	0	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0	0
6-25	--	--	--	--	--	--	--	--	--	--
6-26	--	--	--	--	--	--	--	--	--	--
6-27	--	--	--	--	--	--	--	--	--	--
6-28	0	0	0	0	0	0	0	0	0	0
7-11	0	0	0	0	0	0	0	0	0	0
10-08	0	0	0	0	0	0	0	0	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1077					SECTION 1155				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO -0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	0	0	0	0	0	0	0	0	0	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	0	0	0	0	2	1	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	0	0	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	0	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	0	1	0	0	0	0	0	0	0	0
6-17	0	0	0	0	0	1	0	0	0	0
6-18	0	0	0	0	0	4	0	0	0	0
6-19	0	0	0	0	0	0	0	0	0	0
6-20	0	0	0	0	0	0	0	0	0	0
6-21	0	0	0	0	0	1	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0	0
6-23	0	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0	0
6-25	0	0	0	0	0	0	0	0	0	0
6-26	0	0	0	0	0	0	0	0	0	0
6-27	--	--	--	--	--	0	0	0	0	0
6-28	0	0	0	0	0	0	0	0	0	0
7-11	1	0	0	0	0	2	0	0	0	0
10-08	0	0	0	0	0	1	0	0	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1241					SECTION 1315				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	0	0	0	0	0
5-21	--	--	--	--	--	0	0	0	0	0
5-23	--	--	--	--	--	0	0	0	0	0
5-24	0	0	0	0	0	0	0	0	0	0
5-25	0	0	0	0	0	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	0	0	0	0	0	0	0	0	0	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	0	0	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	0	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	0	0	0	0	0	0	0	0	0	0
6-17	5	0	0	0	0	0	0	0	0	0
6-18	0	0	0	0	0	0	0	0	0	0
6-19	3	0	0	0	0	0	0	0	0	0
6-20	0	0	0	0	0	0	0	0	0	0
6-21	3	0	0	0	0	0	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0	0
6-23	0	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0	0
6-25	0	0	0	0	0	0	0	0	0	0
6-26	0	0	0	0	0	0	0	0	0	0
6-27	0	0	0	0	0	0	0	0	0	0
6-28	2	0	0	0	0	0	0	0	0	0
7-11	0	0	0	0	0	0	0	0	0	0
10-08	2	1	0	0	0	2	1	0	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1396					SECTION 1400(3)				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	0	0	0	0	0	--	--	--	--	--
5-21	0	0	0	0	0	--	--	--	--	--
5-23	0	0	0	0	0	--	--	--	--	--
5-24	0	0	0	0	0	--	--	--	--	--
5-25	0	0	0	0	0	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	0	0	0	0	0	0	0	0	0	0
5-28	0	0	0	0	0	--	--	--	--	--
5-30	0	0	0	0	0	--	--	--	--	--
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	0	0	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	0	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	0	0	0	0	0	0	0	0	0	0
6-17	0	0	0	0	0	1	0	0	0	0
6-18	0	0	0	0	0	0	0	0	0	0
6-19	0	0	0	0	0	0	0	0	0	0
6-20	0	0	0	0	0	--	--	--	--	--
6-21	0	0	0	0	0	--	--	--	--	--
6-22	0	0	0	0	0	--	--	--	--	--
6-23	0	0	0	0	0	--	--	--	--	--
6-24	0	0	0	0	0	--	--	--	--	--
6-25	0	0	0	0	0	--	--	--	--	--
6-26	0	0	0	0	0	--	--	--	--	--
6-27	0	0	0	0	0	--	--	--	--	--
6-28	0	0	0	0	0	--	--	--	--	--
7-11	2	1	0	0	0	--	--	--	--	--
10-08	1	0	0	0	0	--	--	--	--	--

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1481					SECTION 1481(2)				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	0	0	0	0	0	0	0	0	0	0
5-21	0	0	0	0	0	0	0	0	0	0
5-23	0	0	0	0	0	1	0	0	0	0
5-24	0	0	0	0	0	0	0	0	0	0
5-25	1	0	0	0	0	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	0	0	0	0	0	0	0	0	0	0
5-28	0	0	0	0	0	--	--	--	--	--
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	--	--	--	--	--
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	0	0	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	0	0	0	0	1	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	3	1	0	0	0	3	1	0	0	0
6-17	0	0	0	0	0	1	0	0	0	0
6-18	0	0	0	0	0	0	0	0	0	0
6-19	0	0	0	0	0	0	0	0	0	0
6-20	0	0	0	0	0	--	--	--	--	--
6-21	0	0	0	0	0	--	--	--	--	--
6-22	2	0	0	0	0	--	--	--	--	--
6-23	0	0	0	0	0	--	--	--	--	--
6-24	0	0	0	0	0	--	--	--	--	--
6-25	0	0	0	0	0	--	--	--	--	--
6-26	--	--	--	--	--	--	--	--	--	--
6-27	0	0	0	0	0	--	--	--	--	--
6-28	0	0	0	0	0	--	--	--	--	--
7-11	0	0	0	0	0	--	--	--	--	--
10-08	0	0	0	0	0	--	--	--	--	--

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1573					SECTION 1662				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	0	0	0	0	0	0	0	0	0	0
5-21	0	0	0	0	0	0	0	0	0	0
5-23	0	1	0	0	0	0	0	0	0	0
5-24	0	0	0	0	0	0	0	0	0	0
5-25	0	0	0	0	0	5	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	0	0	0	0	0	0	0	0	0	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	0	0	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	2	0	0	0	0	4	0	0	0	0
6-15	0	0	0	0	0	0	0	0	0	0
6-16	0	0	0	0	0	2	0	0	0	0
6-17	0	0	0	0	0	3	0	0	0	0
6-18	0	0	0	0	0	6	0	0	0	0
6-19	2	0	0	0	0	0	0	0	0	0
6-20	0	0	0	0	0	3	0	0	0	0
6-21	0	0	0	0	0	6	4	0	0	0
6-22	0	0	0	0	0	5	0	0	0	0
6-23	0	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0	0
6-25	0	0	0	0	0	1	1	1	1	1
6-26	0	0	0	0	0	0	0	0	0	0
6-27	2	0	0	0	0	2	0	0	0	0
6-28	0	0	0	0	0	0	0	0	0	0
7-11	0	1	0	0	0	4	2	0	0	0
10-08	0	0	0	0	0	1	2	0	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1695					SECTION 1766				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25	0.50	1.00	2.00	4.00	0.25	0.50	1.00	2.00	4.00
	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO
0.50	1.00	2.00	4.00	8.00	0.50	1.00	2.00	4.00	8.00	
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--	--	--	--
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	2	1	0	0	0
6-03	0	0	0	0	0	2	0	0	0	0
6-04	0	0	0	0	0	0	0	0	0	0
6-05	0	0	0	0	0	1	0	0	0	0
6-06	1	0	0	0	0	0	0	0	0	0
6-07	1	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	1	0	0	0	0
6-09	2	0	0	0	0	1	0	0	0	0
6-10	0	0	0	0	0	2	0	0	0	0
6-11	1	0	0	0	0	0	0	0	0	0
6-12	4	0	0	0	0	1	0	0	0	0
6-13	7	0	0	0	0	0	0	0	0	0
6-14	3	0	0	0	0	1	0	0	0	0
6-15	2	1	0	0	0	0	0	0	0	0
6-16	3	0	0	0	0	1	0	0	0	0
6-17	4	0	0	0	0	3	1	0	0	0
6-18	3	0	0	0	0	1	0	0	0	0
6-19	2	0	0	0	0	7	0	0	0	0
6-20	2	0	0	0	0	2	2	0	0	0
6-21	1	1	0	0	0	3	0	0	0	0
6-22	0	0	0	0	0	3	1	0	0	0
6-23	3	1	0	0	0	0	0	0	0	0
6-24	2	1	0	0	0	0	0	0	0	0
6-25	3	0	0	0	0	0	2	0	0	0
6-26	0	0	0	0	0	2	2	0	0	0
6-27	4	0	0	0	0	1	2	0	0	0
6-28	4	0	0	0	0	1	2	0	0	0
7-11	1	0	0	0	0	0	0	0	0	0
10-08	3	4	0	0	0	2	1	0	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1830					SECTION 1901				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--	--	--	--
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	2	0	0	0	0	2	1	0	0	0
6-04	2	0	0	0	0	0	0	0	0	0
6-05	4	0	0	0	0	0	0	0	0	0
6-06	3	0	0	0	0	1	0	0	0	0
6-07	2	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	1	0	0	0	0	2	0	0	0	0
6-10	0	0	0	0	0	0	0	0	0	0
6-11	7	0	0	0	0	5	1	0	0	0
6-12	0	0	0	0	0	0	0	0	0	0
6-13	4	0	0	0	0	0	0	0	0	0
6-14	4	1	0	0	0	1	0	0	0	0
6-15	2	0	0	0	0	6	3	0	0	0
6-16	1	1	0	0	0	2	2	0	0	0
6-17	5	1	0	0	0	8	3	0	0	0
6-18	6	4	0	0	0	1	2	0	0	0
6-19	5	1	0	0	0	15	7	0	0	0
6-20	4	1	0	0	0	8	10	0	0	0
6-21	3	1	0	0	0	20	9	0	0	0
6-22	3	1	0	0	0	11	10	0	0	0
6-23	5	3	0	0	0	10	3	0	0	0
6-24	2	0	0	0	0	6	4	0	0	0
6-25	3	1	0	0	0	--	--	--	--	--
6-26	0	1	0	0	0	--	--	--	--	--
6-27	--	--	--	--	--	--	--	--	--	--
6-28	1	0	0	0	0	11	7	0	0	0
7-11	0	0	0	0	0	1	4	0	0	0
10-08	0	0	0	0	0	6	4	0	0	0



TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1996					SECTION 2082				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--	--	--	--
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	1	0	0	0	0	0	1	0	0	0
6-05	0	0	0	0	0	1	0	0	0	0
6-06	0	0	0	0	0	3	0	0	0	0
6-07	0	0	0	0	0	4	1	0	0	0
6-08	0	0	0	0	0	1	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	1	0	0	0	0	0	0	0	0	0
6-11	1	0	0	0	0	3	1	0	0	0
6-12	1	0	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	1	0	0	0	16	2	0	0	0
6-15	0	0	0	0	0	2	3	0	0	0
6-16	3	1	0	0	0	6	5	0	0	0
6-17	2	2	0	0	0	8	3	0	0	0
6-18	2	3	0	0	0	3	13	0	0	0
6-19	0	1	0	0	0	1	2	0	0	0
6-20	2	0	0	0	0	6	2	0	0	0
6-21	0	2	0	0	0	2	1	0	0	0
6-22	5	2	0	0	0	0	1	0	0	0
6-23	2	2	0	0	0	0	2	0	0	0
6-24	3	6	0	0	0	4	1	0	0	0
6-25	1	0	1	0	0	3	2	0	0	0
6-26	2	2	1	0	0	--	--	--	--	--
6-27	9	3	0	0	0	--	--	--	--	--
6-28	4	2	1	0	0	1	3	0	0	0
7-11	0	1	0	0	0	1	2	0	0	0
10-08	0	5	1	0	0	6	1	0	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 2194					SECTION 2278				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--	--	--	--
5-27	--	--	--	--	--	0	0	0	0	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	1	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	1	0	0	0	0
6-02	0	0	0	0	0	1	0	0	0	0
6-03	0	0	0	0	0	4	2	0	0	0
6-04	0	0	0	0	0	3	3	0	0	0
6-05	0	1	0	0	0	1	2	0	0	0
6-06	1	1	0	0	0	2	2	0	0	0
6-07	4	0	0	0	0	13	0	0	0	0
6-08	9	0	0	0	0	1	2	0	0	0
6-09	8	2	0	0	0	2	1	0	0	0
6-10	10	0	0	0	0	9	4	0	0	0
6-11	2	0	0	0	0	4	3	0	0	0
6-12	0	1	0	0	0	2	2	0	0	0
6-13	7	5	0	0	0	19	5	0	0	0
6-14	7	4	0	0	0	9	6	0	0	0
6-15	8	13	0	0	0	5	6	1	0	0
6-16	10	13	0	0	0	23	6	2	0	0
6-17	11	13	1	0	0	7	14	0	1	0
6-18	4	3	0	0	0	3	15	4	0	0
6-19	3	8	0	0	0	8	18	2	0	0
6-20	0	4	0	0	0	5	22	1	0	0
6-21	3	3	0	0	0	0	6	2	0	0
6-22	2	3	1	0	0	5	9	1	0	0
6-23	0	8	2	0	0	2	16	0	0	0
6-24	2	10	0	0	0	11	19	2	0	0
6-25	--	--	--	--	--	--	--	--	--	--
6-26	--	--	--	--	--	--	--	--	--	--
6-27	--	--	--	--	--	--	--	--	--	--
6-28	1	5	0	0	0	4	19	2	1	0
7-11	1	8	0	0	0	2	2	3	0	0
10-08(4)	2	13	2	0	0	1	18	3	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 2356					SECTION 2422				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	0	0	1	0	0	0	0	0	0	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	0	0	0	0	1	1	0	0	0
5-31	2	0	0	0	0	0	1	0	0	0
6-01	0	1	0	0	0	1	2	0	0	0
6-02	0	2	0	0	0	2	3	0	0	0
6-03	0	0	0	0	0	0	1	0	0	0
6-04	0	2	0	0	0	0	0	0	0	0
6-05	1	1	0	0	0	0	0	0	0	0
6-06	6	2	0	0	0	23	9	0	0	0
6-07	10	3	0	0	0	7	23	1	0	0
6-08	5	10	0	0	0	5	22	2	0	0
6-09	7	17	0	0	0	3	33	2	1	0
6-10	25	34	3	0	0	10	42	3	1	0
6-11	12	26	0	0	0	5	59	5	2	0
6-12	1	13	2	0	0	1	23	8	0	0
6-13	8	27	0	0	0	5	8	0	0	0
6-14	12	15	2	0	0	5	6	0	0	0
6-15	2	11	4	0	0	10	23	5	0	0
6-16	11	23	9	0	0	1	25	12	5	0
6-17	4	34	5	0	0	1	25	10	4	1
6-18	4	44	11	1	0	8	14	6	4	0
6-19	8	39	11	2	0	1	23	11	14	0
6-20	6	58	12	0	0	1	30	13	3	0
6-21	3	47	14	1	0	1	28	10	3	0
6-22	4	65	9	0	0	2	45	11	5	0
6-23	6	62	14	1	0	1	37	14	6	0
6-24	5	37	18	4	0	2	20	9	6	0
6-25	10	34	14	3	0	2	18	17	5	0
6-26	10	44	9	1	0	5	29	25	6	0
6-27	7	54	15	0	0	5	23	14	3	0
6-28	6	35	18	5	0	7	23	11	10	1
7-11	0	13	11	5	0	1	17	12	3	0
10-07	9	43	18	0	0	5	27	12	5	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 2510					SECTION 2608				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	---	---	---	---	---	---	---	---	---	---
5-21	---	---	---	---	---	---	---	---	---	---
5-23	---	---	---	---	---	0	0	0	0	0
5-24	0	0	0	0	0	0	0	0	0	0
5-25	1	0	0	0	0	1	0	0	0	0
5-26	0	1	0	0	0	0	2	0	0	0
5-27	0	1	0	0	0	1	1	0	0	0
5-28	0	3	1	0	0	0	0	0	0	0
5-30	0	4	0	1	1	0	4	1	0	0
5-31	0	10	5	2	0	2	4	1	1	0
6-01	5	20	4	2	0	1	9	1	0	0
6-02	0	15	1	4	1	9	12	1	0	0
6-03	6	13	4	1	0	29	16	1	1	0
6-04	6	16	4	2	0	6	54	5	0	0
6-05	11	33	8	1	0	3	58	20	4	0
6-06	0	0	0	0	0	1	18	19	10	2
6-07	0	43	14	1	0	0	10	25	6	1
6-08	2	54	15	1	0	0	34	17	8	0
6-09	1	49	15	2	0	8	48	16	7	0
6-10	4	68	19	3	0	7	41	8	10	1
6-11	4	41	20	4	0	9	44	31	0	0
6-12	4	47	16	1	0	9	30	12	1	0
6-13	9	46	30	7	0	2	51	28	5	0
6-14	4	46	10	3	0	1	5	9	5	1
6-15	0	23	8	10	1	2	18	10	2	1
6-16	0	41	25	0	0	2	4	3	1	1
6-17	4	10	16	6	0	3	11	10	6	0
6-18	3	26	11	9	0	4	20	8	4	1
6-19	0	18	11	5	3	1	16	4	2	1
6-20	1	13	13	5	2	1	12	11	4	0
6-21	2	14	10	9	1	3	9	4	1	1
6-22	1	14	3	2	0	0	16	4	5	0
6-23	0	13	14	5	0	3	19	8	3	0
6-24	3	10	12	8	2	16	7	11	1	0
6-25	3	10	14	5	1	36	22	7	4	0
6-26	---	---	---	---	---	41	15	5	3	0
6-27	---	---	---	---	---	48	37	2	0	0
6-28	1	5	9	3	1	54	64	4	0	0
7-11	7	11	7	3	1	6	55	12	1	0
10-07	8	23	14	2	0	3	21	4	1	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 2690					SECTION 2778				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	0	0	0	0	0	0	0	0	0	0
5-23	0	1	0	0	0	0	0	0	0	0
5-24	2	0	0	0	0	2	4	1	0	0
5-25	0	0	0	0	0	0	0	1	0	0
5-26	0	0	0	0	0	0	6	1	0	0
5-27	0	1	1	0	0	1	32	10	0	0
5-28	0	1	0	0	0	12	62	4	0	0
5-30	0	0	0	0	0	0	19	22	6	2
5-31	1	11	3	0	0	2	24	24	4	1
6-01	6	65	13	3	0	5	55	31	4	0
6-02	8	46	27	5	0	11	74	15	3	1
6-03	2	36	27	8	2	4	26	12	10	0
6-04	3	50	20	4	1	1	16	9	4	0
6-05	6	43	28	4	0	3	7	6	5	0
6-06	3	54	12	4	0	0	7	9	4	0
6-07	0	24	13	5	1	0	3	8	0	0
6-08	0	12	17	3	0	0	6	4	1	1
6-09	6	26	13	2	0	1	19	11	2	0
6-10	5	47	22	2	1	4	41	13	4	0
6-11	6	26	8	4	0	2	6	1	3	0
6-12	4	31	16	2	0	5	11	4	6	0
6-13	0	23	17	5	0	0	11	3	5	1
6-14	2	27	6	1	0	4	20	11	5	0
6-15	7	24	6	3	0	1	21	9	1	0
6-16	2	19	10	2	0	1	13	10	4	0
6-17	6	32	6	0	0	1	9	12	4	2
6-18	1	12	2	3	0	2	5	2	1	0
6-19	4	41	8	0	0	1	16	12	0	0
6-20	4	22	8	2	0	4	28	8	0	0
6-21	1	11	5	4	0	5	33	18	5	1
6-22	5	21	7	1	0	17	59	9	1	0
6-23	26	44	8	1	0	17	43	8	1	0
6-24	19	36	16	4	1	8	48	4	3	0
6-25	9	37	10	4	0	22	22	4	5	1
6-26	6	56	16	0	0	--	--	--	--	--
6-27	22	34	7	3	1	--	--	--	--	--
6-28	15	46	10	5	0	15	28	4	3	0
7-11	10	21	8	3	0	5	12	5	2	0
10-07	0	12	7	0	0	7	10	4	2	1

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 2874					SECTION 2961				
	NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF PINK TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	0	0	0	0	0	19	59	49	6	0
5-21	2	4	4	0	0	14	34	79	18	3
5-23	1	26	82	21	1	1	17	24	11	4
5-24	1	19	14	7	1	0	7	25	14	0
5-25	1	20	24	13	1	0	7	13	5	1
5-26	1	27	25	4	2	0	5	7	0	0
5-27	0	9	10	3	0	0	6	2	2	0
5-28	0	6	12	7	0	0	3	6	1	0
5-30	0	2	4	2	0	0	3	3	3	0
5-31	0	1	2	3	1	0	2	3	1	0
6-01	0	4	2	5	1	0	1	2	1	0
6-02	0	10	4	2	0	0	1	2	0	0
6-03	3	7	4	3	2	0	1	1	0	0
6-04	0	5	0	2	0	0	3	1	0	0
6-05	0	4	8	5	1	0	5	0	0	1
6-06	0	11	16	6	0	0	0	0	0	0
6-07	1	20	26	3	0	0	1	2	0	0
6-08	0	13	2	2	0	0	2	1	1	0
6-09	1	6	3	5	0	0	3	1	1	0
6-10	0	6	6	1	0	1	6	2	0	0
6-11	2	8	7	0	0	0	6	4	1	0
6-12	3	4	2	3	0	0	3	1	1	0
6-13	0	8	13	5	1	1	8	4	0	0
6-14	7	51	7	2	0	0	3	2	1	0
6-15	0	13	6	3	1	0	4	0	0	1
6-16	1	5	5	2	1	0	0	1	1	0
6-17	0	4	7	2	0	0	1	1	0	0
6-18	0	7	6	2	0	0	0	1	0	0
6-19	1	2	2	2	0	0	2	1	0	0
6-20	0	6	1	1	1	0	2	0	1	0
6-21	1	0	4	2	0	0	0	0	0	0
6-22	0	1	0	1	0	0	1	1	0	0
6-23	1	0	0	3	0	0	0	0	1	0
6-24	1	1	2	2	1	0	0	0	1	1
6-25	--	--	--	--	--	--	--	--	--	--
6-26	--	--	--	--	--	--	--	--	--	--
6-27	--	--	--	--	--	--	--	--	--	--
6-28	2	3	3	1	1	0	1	1	0	0
7-11	0	2	0	0	0	0	1	1	1	0
10-07	0	4	0	2	0	0	2	0	0	0

TABLE 12.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

- (1) PINK TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 3047 ON MAY 18, 1979.
- (2) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.
- (3) BYPASS CHANNEL. SEE FIGURE 3.
- (4) SECTION 2278 MEASURED ON 10-07.

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979

DATE	SECTION 0043					SECTION 0075				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25	0.50	1.00	2.00	4.00	0.25	0.50	1.00	2.00	4.00
	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO
0.50	1.00	2.00	4.00	8.00	0.50	1.00	2.00	4.00	8.00	
5-20	--	--	--	--	--	--	--	--	--	--
5-21	0	0	0	0	0	--	--	--	--	--
5-23	--	--	--	--	--	0	0	0	0	0
5-24	0	0	0	0	0	0	0	0	0	0
5-25	0	0	0	0	0	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	--	--	--	--	--	0	0	0	0	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	2	0	0	0	4	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	1	0	0	0	0	1	0	0	0
6-05	1	0	0	0	0	0	0	0	0	0
6-06	0	0	0	0	0	2	0	0	0	0
6-07	0	1	0	0	0	0	0	0	0	0
6-08	0	1	0	0	0	2	1	0	0	0
6-09	2	0	0	0	0	6	1	0	0	0
6-10	0	0	0	0	0	1	2	0	0	0
6-11	5	0	0	0	0	0	0	0	0	0
6-12	1	0	0	0	0	3	1	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	0	1	0	0	0	0	1	0	0	0
6-15	1	0	0	0	0	2	0	0	0	0
6-16	0	0	0	0	0	2	1	0	0	0
6-17	1	0	0	0	0	4	0	0	0	0
6-18	0	0	0	0	0	3	0	0	0	0
6-19	1	0	0	0	0	4	0	0	0	0
6-20	5	1	0	0	0	0	0	0	0	0
6-21	0	1	0	0	0	3	0	0	0	0
6-22	4	2	0	0	0	0	0	0	0	0
6-23	4	1	0	0	0	0	2	0	0	0
6-24	3	0	0	0	0	0	1	0	0	0
6-25	1	0	0	0	0	0	1	0	0	0
6-26	2	0	0	0	0	2	0	0	0	0
6-27	1	0	0	0	0	1	0	0	0	0
6-28	3	0	0	0	0	4	0	0	0	0
7-11	2	0	0	0	0	3	2	0	0	0
10-09	2	1	0	0	0	2	0	0	0	0



TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0137					SECTION 0220				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	0	0	0	0	0
5-21	0	0	0	0	0	0	0	0	0	0
5-23	0	0	0	0	0	0	0	0	0	0
5-24	0	0	0	0	0	0	0	0	0	0
5-25	0	0	0	0	0	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	0	0	0	0	0	0	0	0	1	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	0	1	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	1	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	0	1	0	0	0
6-05	0	0	0	0	0	0	0	0	0	0
6-06	0	0	1	0	0	1	0	0	0	0
6-07	0	0	0	0	0	0	0	0	0	0
6-08	0	0	0	0	0	0	0	0	0	0
6-09	0	0	0	0	0	0	0	0	0	0
6-10	0	2	0	0	0	0	0	0	0	0
6-11	0	0	0	0	0	1	0	0	0	0
6-12	3	3	0	0	0	1	1	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	1	0	0	0	0	3	0	0	0	0
6-15	0	1	0	0	0	1	0	0	0	0
6-16	1	0	0	0	0	0	0	0	0	0
6-17	0	0	0	0	0	2	0	0	0	0
6-18	1	1	0	0	0	1	1	0	0	0
6-19	1	0	0	0	0	1	0	0	0	0
6-20	0	0	0	0	0	4	2	0	0	0
6-21	0	0	0	0	0	2	0	0	0	0
6-22	0	0	0	0	0	1	2	0	0	0
6-23	0	2	0	0	0	1	2	0	0	0
6-24	1	1	0	0	0	0	2	0	0	0
6-25	0	0	0	0	0	0	0	0	0	0
6-26	0	1	0	0	0	8	3	0	0	0
6-27	1	0	0	0	0	2	0	0	0	0
6-28	1	0	0	0	0	1	0	0	0	0
7-11	1	0	0	0	0	0	0	0	0	0
10-09	1	0	0	0	0	1	0	0	0	0

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0301					SECTION 0301(2)				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	0	0	0	0	0	0	0	0	0	0
5-21	1	0	0	0	0	0	0	0	0	0
5-23	0	0	0	0	0	0	0	0	0	0
5-24	0	0	0	0	0	0	0	0	0	0
5-25	0	0	0	0	0	0	0	0	0	0
5-26	0	0	0	0	0	0	0	0	0	0
5-27	0	0	0	0	0	0	0	0	0	0
5-28	0	0	0	0	0	--	--	--	--	--
5-30	0	0	0	0	0	--	--	--	--	--
5-31	0	0	0	0	0	--	--	--	--	--
6-01	0	0	0	0	0	--	--	--	--	--
6-02	0	0	0	0	0	--	--	--	--	--
6-03	0	0	0	0	0	--	--	--	--	--
6-04	0	0	0	0	0	--	--	--	--	--
6-05	0	0	0	0	0	1	0	0	0	0
6-06	0	1	0	0	0	2	0	0	0	0
6-07	0	0	0	0	0	3	1	0	0	0
6-08	0	1	0	0	0	--	--	--	--	--
6-09	0	0	0	0	0	--	--	--	--	--
6-10	1	0	0	0	0	--	--	--	--	--
6-11	1	0	0	0	0	--	--	--	--	--
6-12	1	1	0	0	0	0	0	0	0	0
6-13	0	0	0	0	0	5	1	0	0	0
6-14	0	0	0	0	0	1	1	0	0	0
6-15	0	1	0	0	0	4	1	0	0	0
6-16	0	0	0	0	0	0	0	0	0	0
6-17	0	0	0	0	0	3	0	0	0	0
6-18	1	0	0	0	0	--	--	--	--	--
6-19	4	2	0	0	0	--	--	--	--	--
6-20	10	2	0	0	0	--	--	--	--	--
6-21	4	4	0	0	0	--	--	--	--	--
6-22	2	1	0	0	0	--	--	--	--	--
6-23	0	6	0	0	0	--	--	--	--	--
6-24	0	4	0	0	0	--	--	--	--	--
6-25	2	1	0	0	0	--	--	--	--	--
6-26	0	0	0	0	0	--	--	--	--	--
6-27	0	0	0	0	0	--	--	--	--	--
6-28	0	0	0	0	0	--	--	--	--	--
7-11	1	2	0	0	0	--	--	--	--	--
10-09	2	1	0	0	0	--	--	--	--	--

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0421					SECTION 0516				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	0	0	0	0	0	--	--	--	--	--
5-21	0	0	0	0	0	--	--	--	--	--
5-23	0	0	0	0	0	--	--	--	--	--
5-24	0	0	0	0	0	--	--	--	--	--
5-25	0	0	0	0	0	--	--	--	--	--
5-26	1	0	0	0	0	--	--	--	--	--
5-27	0	0	0	0	0	--	--	--	--	--
5-28	0	0	0	0	0	--	--	--	--	--
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	1	0	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	0	0	0	0	0
6-05	1	0	0	0	0	2	0	0	0	0
6-06	2	0	0	0	0	7	5	0	0	0
6-07	3	3	0	0	0	4	0	0	0	0
6-08	2	0	0	0	0	5	0	0	0	0
6-09	0	0	0	0	0	2	2	0	0	0
6-10	3	0	0	0	0	2	2	0	0	0
6-11	2	1	0	0	0	3	0	0	0	0
6-12	1	0	0	0	0	10	2	0	0	0
6-13	1	0	0	0	0	0	0	0	0	0
6-14	5	2	0	0	0	0	0	0	0	0
6-15	3	0	0	0	0	3	0	0	0	0
6-16	3	0	0	0	0	3	3	0	0	0
6-17	1	0	0	0	0	2	1	0	0	0
6-18	3	1	0	0	0	0	0	0	0	0
6-19	1	0	0	0	0	8	1	0	0	0
6-20	0	0	0	0	0	0	1	0	0	0
6-21	0	0	0	0	0	2	0	0	0	0
6-22	0	0	0	0	0	2	0	0	0	0
6-23	1	1	0	0	0	5	3	0	0	0
6-24	0	1	0	0	0	5	3	1	0	0
6-25	0	0	0	0	0	--	--	--	--	--
6-26	1	1	0	0	0	--	--	--	--	--
6-27	1	0	0	0	0	--	--	--	--	--
6-28	4	1	0	0	0	1	1	0	0	0
7-11	0	0	0	0	0	3	2	0	0	0
10-09	2	0	0	0	0	4	5	0	0	0

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0602					SECTION 0708				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--	--	--	--
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	0	0	0	0	0	2	0	0	0	0
6-02	2	0	0	0	0	5	1	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	11	0	1	0	0	0	0	0	0	0
6-05	5	3	0	0	0	0	0	0	0	0
6-06	6	0	0	0	0	0	0	0	0	0
6-07	0	0	0	0	0	3	0	0	0	0
6-08	1	2	0	0	0	16	5	0	0	0
6-09	1	0	0	0	0	33	8	0	0	0
6-10	3	0	0	0	0	4	0	0	0	0
6-11	8	1	0	0	0	7	3	0	0	0
6-12	5	0	0	0	0	5	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	2	0	0	0	0	4	1	0	0	0
6-15	3	1	0	0	0	4	1	0	0	0
6-16	8	4	0	0	0	5	0	0	0	0
6-17	0	0	0	0	0	4	4	0	0	0
6-18	7	3	0	0	0	4	3	0	0	0
6-19	4	4	0	0	0	8	6	0	0	0
6-20	17	5	0	0	0	19	5	0	0	0
6-21	16	4	0	0	0	20	12	0	0	0
6-22	6	0	0	0	0	9	1	0	0	0
6-23	11	5	0	0	0	13	1	0	0	0
6-24	12	2	0	0	0	14	2	0	0	0
6-25	--	--	--	--	--	19	5	0	0	0
6-26	19	1	0	0	0	11	10	0	0	0
6-27	--	--	--	--	--	10	8	0	0	0
6-28	8	3	0	0	0	7	9	0	0	0
7-11	11	6	0	0	0	8	1	0	0	0
10-08	6	7	0	0	0	3	8	0	0	0

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0808					SECTION 0808(2)				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--	--	--	--
5-28	0	0	0	0	0	--	--	--	--	--
5-30	0	0	0	0	0	--	--	--	--	--
5-31	0	0	0	0	0	--	--	--	--	--
6-01	0	0	0	0	0	--	--	--	--	--
6-02	1	1	0	0	0	--	--	--	--	--
6-03	0	0	0	0	0	--	--	--	--	--
6-04	2	0	0	0	0	4	0	0	0	0
6-05	5	0	0	0	0	3	2	0	0	0
6-06	3	0	0	0	0	0	0	0	0	0
6-07	11	1	0	0	0	23	2	0	0	0
6-08	4	2	0	0	0	46	6	0	0	0
6-09	8	1	0	0	0	--	--	--	--	--
6-10	0	3	0	0	0	--	--	--	--	--
6-11	9	8	0	0	0	--	--	--	--	--
6-12	6	1	0	0	0	17	1	0	0	0
6-13	4	0	0	0	0	9	2	0	0	0
6-14	7	0	0	1	0	16	4	0	0	0
6-15	8	8	0	0	0	8	0	0	0	0
6-16	8	11	3	0	0	11	0	0	0	0
6-17	9	1	0	0	0	5	4	0	0	0
6-18	11	1	0	0	0	3	14	0	0	0
6-19	7	21	0	0	0	--	--	--	--	--
6-20	4	7	3	0	0	--	--	--	--	--
6-21	30	7	1	0	0	--	--	--	--	--
6-22	9	0	0	0	0	--	--	--	--	--
6-23	11	7	0	0	0	--	--	--	--	--
6-24	18	18	7	0	0	--	--	--	--	--
6-25	--	--	--	--	--	--	--	--	--	--
6-26	--	--	--	--	--	--	--	--	--	--
6-27	--	--	--	--	--	--	--	--	--	--
6-28	10	8	0	0	0	--	--	--	--	--
7-11	2	1	0	0	0	--	--	--	--	--
10-08	0	4	1	0	0	--	--	--	--	--

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0898					SECTION 0985				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25	0.50	1.00	2.00	4.00	0.25	0.50	1.00	2.00	4.00
	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO
0.50	1.00	2.00	4.00	8.00	0.50	1.00	2.00	4.00	8.00	
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--	--	--	--
5-27	--	--	--	--	--	0	0	0	0	0
5-28	0	0	0	0	0	0	0	0	0	0
5-30	0	0	0	0	0	0	0	0	0	0
5-31	0	0	0	0	0	0	0	0	0	0
6-01	2	1	0	0	0	0	0	0	0	0
6-02	0	0	0	0	0	0	1	0	0	0
6-03	0	0	0	0	0	0	0	0	0	0
6-04	0	0	0	0	0	1	0	0	0	0
6-05	3	0	0	0	0	0	0	0	0	0
6-06	5	1	0	0	0	0	2	0	0	0
6-07	5	1	0	0	0	36	18	0	0	0
6-08	1	0	0	0	0	10	3	0	0	0
6-09	7	2	1	0	0	2	1	0	0	0
6-10	17	7	0	0	0	11	2	0	0	0
6-11	9	7	0	0	0	17	6	0	0	0
6-12	4	1	0	0	0	4	0	1	0	0
6-13	5	4	0	0	0	12	4	0	0	0
6-14	12	6	0	0	0	2	3	0	0	0
6-15	4	2	1	0	0	8	13	0	0	0
6-16	8	16	1	0	0	22	24	1	1	0
6-17	7	2	0	0	0	14	7	0	0	0
6-18	1	15	2	0	0	0	4	0	0	0
6-19	34	13	0	0	0	0	1	0	0	0
6-20	15	20	0	0	0	3	6	2	0	0
6-21	28	36	2	0	0	11	14	3	1	0
6-22	4	6	0	0	0	18	5	1	0	0
6-23	16	17	0	0	0	5	9	0	1	0
6-24	25	31	4	0	0	14	4	0	0	0
6-25	--	--	--	--	--	--	--	--	--	--
6-26	--	--	--	--	--	--	--	--	--	--
6-27	--	--	--	--	--	--	--	--	--	--
6-28	10	16	3	0	0	13	5	3	0	0
7-11	9	20	1	1	0	8	1	0	0	0
10-08	3	13	3	0	0	1	3	0	0	0

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1077					SECTION 1155				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--	--	--	--
5-25	--	--	--	--	--	1	3	0	0	0
5-26	0	0	0	0	0	0	2	0	0	0
5-27	0	0	0	0	0	5	2	1	0	0
5-28	1	0	0	0	0	0	2	0	1	0
5-30	4	3	0	0	0	1	10	0	0	0
5-31	9	7	0	0	0	6	16	1	0	0
6-01	5	4	1	0	0	1	2	0	0	0
6-02	10	2	0	1	0	3	1	0	0	0
6-03	0	0	0	0	0	1	0	0	1	0
6-04	12	4	0	0	0	71	77	0	0	0
6-05	27	13	0	0	0	2	12	12	2	0
6-06	62	93	12	2	0	12	72	10	1	0
6-07	6	16	2	0	0	9	45	0	0	0
6-08	17	34	5	2	0	2	41	7	2	0
6-09	26	38	15	0	0	4	51	17	1	0
6-10	7	21	3	1	1	6	55	6	3	0
6-11	3	12	10	4	0	44	48	23	9	0
6-12	3	21	5	4	0	15	31	10	0	0
6-13	15	11	16	2	0	4	36	12	2	0
6-14	11	34	14	1	0	9	24	8	4	0
6-15	6	45	18	1	0	0	27	13	4	0
6-16	5	44	9	4	0	4	25	11	2	0
6-17	11	37	12	2	0	6	37	2	4	1
6-18	7	25	12	4	0	19	23	9	0	0
6-19	3	13	4	2	0	1	18	4	3	0
6-20	1	19	12	1	0	2	23	6	7	0
6-21	12	24	11	6	0	15	12	2	1	1
6-22	8	17	6	4	0	11	14	7	6	0
6-23	8	38	1	2	0	8	20	1	4	0
6-24	20	32	9	1	0	15	22	5	0	0
6-25	15	26	13	2	0	25	34	8	1	2
6-26	2	14	4	1	0	21	19	6	1	0
6-27	--	--	--	--	--	4	8	8	5	0
6-28	2	14	14	3	0	10	20	5	0	0
7-11	1	4	9	6	0	5	31	7	0	0
10-08	4	25	11	5	1	1	24	12	1	0

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1241					SECTION 1315				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	31	0	0	0	0
5-21	--	--	--	--	--	--	--	--	--	--
5-23	--	--	--	--	--	5	7	0	0	0
5-24	13	10	0	0	0	6	27	2	0	0
5-25	2	11	0	2	0	6	34	9	0	0
5-26	1	24	2	0	0	6	88	18	0	0
5-27	6	13	1	0	0	6	35	23	4	0
5-28	0	1	0	0	0	0	6	9	4	1
5-30	1	6	1	1	0	3	45	16	7	1
5-31	14	38	8	1	0	1	45	24	6	1
6-01	13	43	10	0	0	12	22	12	3	1
6-02	12	33	20	7	0	13	46	13	2	0
6-03	4	14	11	3	0	0	14	7	3	1
6-04	8	48	15	1	0	9	19	27	5	0
6-05	2	23	12	3	0	5	51	11	1	0
6-06	3	45	13	7	1	5	44	24	3	0
6-07	3	39	23	3	1	4	30	25	2	0
6-08	6	42	17	1	0	0	14	6	0	0
6-09	3	27	3	4	0	3	13	5	1	0
6-10	21	24	5	4	0	8	20	7	2	0
6-11	2	5	8	5	0	3	18	9	1	0
6-12	6	12	6	4	0	4	13	5	2	0
6-13	12	23	9	3	0	6	9	1	2	0
6-14	5	21	7	5	0	12	16	11	1	1
6-15	3	22	10	2	0	8	45	4	0	0
6-16	7	22	7	4	0	5	13	6	2	0
6-17	10	29	4	0	0	2	16	9	4	0
6-18	2	15	8	4	0	6	17	12	4	0
6-19	8	35	10	0	0	0	17	5	4	0
6-20	2	24	11	1	0	5	2	6	0	2
6-21	7	27	3	1	1	0	2	3	1	1
6-22	4	14	6	1	0	2	5	3	2	0
6-23	1	18	3	2	0	0	1	4	5	0
6-24	2	6	3	2	0	12	7	1	2	1
6-25	4	9	8	3	0	2	6	6	0	0
6-26	7	13	5	1	0	6	3	5	4	1
6-27	4	12	5	1	0	0	3	0	0	0
6-28	12	18	3	3	2	9	7	9	6	0
7-11	3	22	15	1	0	3	4	3	2	0
10-08	9	17	2	0	1	1	3	2	1	1



TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1396					SECTION 1400(3)				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25	0.50	1.00	2.00	4.00	0.25	0.50	1.00	2.00	4.00
	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO
0.50	1.00	2.00	4.00	8.00	0.50	1.00	2.00	4.00	8.00	
5-20	23	5	0	0	0	--	--	--	--	--
5-21	10	32	0	0	0	--	--	--	--	--
5-23	7	3	0	0	0	--	--	--	--	--
5-24	7	73	40	4	1	--	--	--	--	--
5-25	0	37	32	7	2	2	150	29	4	2
5-26	2	11	10	8	2	10	36	31	4	2
5-27	1	10	10	8	1	3	48	67	5	0
5-28	1	6	14	4	0	--	--	--	--	--
5-30	1	8	10	3	0	--	--	--	--	--
5-31	7	18	4	1	1	7	50	29	4	2
6-01	0	6	1	2	0	15	49	21	2	0
6-02	9	70	28	2	0	2	3	4	3	1
6-03	3	16	9	0	0	12	42	22	9	1
6-04	3	3	0	0	0	24	30	11	3	0
6-05	2	1	0	0	0	4	101	32	1	0
6-06	1	13	4	1	0	75	116	8	0	0
6-07	1	5	7	0	0	4	40	11	1	0
6-08	7	61	10	3	1	0	9	8	1	1
6-09	10	11	8	1	0	5	30	11	1	0
6-10	28	50	3	1	0	4	3	2	0	0
6-11	3	6	3	1	1	7	46	12	4	0
6-12	1	7	4	1	0	11	27	11	4	1
6-13	13	9	4	2	0	14	47	11	2	0
6-14	3	7	5	1	0	13	41	11	2	0
6-15	0	10	4	2	0	2	22	15	1	0
6-16	1	10	7	4	0	0	0	0	0	0
6-17	1	4	2	2	0	3	16	10	2	1
6-18	0	1	0	2	1	5	21	4	2	0
6-19	0	5	4	1	0	3	14	6	1	1
6-20	2	7	1	4	0	--	--	--	--	--
6-21	1	5	0	1	0	--	--	--	--	--
6-22	3	3	0	0	0	--	--	--	--	--
6-23	0	0	4	4	0	--	--	--	--	--
6-24	1	5	5	0	0	--	--	--	--	--
6-25	5	5	4	1	0	--	--	--	--	--
6-26	0	5	3	2	0	--	--	--	--	--
6-27	4	5	2	3	0	--	--	--	--	--
6-28	3	3	3	2	0	--	--	--	--	--
7-11	1	8	2	0	0	--	--	--	--	--
10-08	0	1	1	0	0	--	--	--	--	--

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1481					SECTION 1481(2)				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	10	9	0	0	0	7	0	0	0	0
5-21	44	49	0	0	0	20	32	0	0	0
5-23	9	96	44	8	2	17	164	65	3	0
5-24	2	48	41	15	3	8	136	64	21	3
5-25	1	25	24	15	3	2	65	43	10	1
5-26	32	41	16	6	3	3	24	23	9	0
5-27	0	8	10	9	0	0	12	14	7	0
5-28	0	3	2	3	0	--	--	--	--	--
5-30	0	4	5	3	0	0	10	1	3	1
5-31	0	5	4	1	1	0	6	4	3	0
6-01	1	7	3	3	0	3	11	1	1	0
6-02	0	8	5	2	0	1	8	1	0	0
6-03	0	6	3	4	0	0	4	9	6	0
6-04	3	2	2	1	0	1	6	3	1	0
6-05	2	23	6	1	0	0	11	5	1	0
6-06	5	12	12	4	2	0	7	12	1	1
6-07	1	13	10	2	0	1	43	16	4	0
6-08	1	23	8	1	0	--	--	--	--	--
6-09	2	7	3	3	0	3	38	7	0	0
6-10	4	31	13	3	0	1	6	2	3	0
6-11	1	12	9	0	0	0	14	4	0	0
6-12	0	5	7	2	0	15	37	15	1	1
6-13	11	16	7	4	0	8	32	7	1	0
6-14	2	7	6	0	2	9	31	14	0	0
6-15	0	5	1	1	0	0	5	4	1	0
6-16	3	6	4	1	2	2	8	6	6	0
6-17	2	7	1	1	1	0	5	3	0	0
6-18	3	11	6	0	0	5	14	1	0	0
6-19	2	13	2	2	0	1	5	1	1	0
6-20	4	3	4	0	0	--	--	--	--	--
6-21	0	6	3	0	0	--	--	--	--	--
6-22	0	3	2	2	2	--	--	--	--	--
6-23	1	5	7	6	3	--	--	--	--	--
6-24	3	3	4	2	0	--	--	--	--	--
6-25	5	4	2	3	0	--	--	--	--	--
6-26	--	--	--	--	--	--	--	--	--	--
6-27	6	8	4	1	1	--	--	--	--	--
6-28	2	3	2	2	0	--	--	--	--	--
7-11	6	13	3	5	0	--	--	--	--	--
10-08	0	2	2	1	0	--	--	--	--	--

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 1573					SECTION 1662				
	NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF BLUE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	30	45	0	0	0	72	108	21	17	4
5-21	76	152	57	3	0	26	148	66	18	2
5-23	10	76	26	7	3	1	4	16	2	0
5-24	8	28	21	5	3	0	1	1	0	0
5-25	2	13	18	5	0	0	3	0	0	0
5-26	1	6	8	0	0	1	6	1	0	0
5-27	0	1	3	2	0	0	1	0	0	0
5-28	0	2	2	1	0	0	0	0	0	0
5-30	1	4	0	0	0	1	1	0	0	0
5-31	0	1	0	0	0	0	0	0	0	0
6-01	1	3	2	1	0	0	0	0	0	0
6-02	0	5	0	0	0	0	0	0	0	0
6-03	0	6	3	1	0	0	0	0	0	0
6-04	1	10	5	8	3	0	0	0	0	0
6-05	16	50	4	3	0	0	0	0	0	0
6-06	0	15	16	3	0	0	1	0	0	0
6-07	0	2	3	2	0	0	2	0	0	0
6-08	1	8	2	0	0	0	0	0	0	0
6-09	7	14	3	0	0	2	2	0	0	0
6-10	0	3	4	1	0	1	0	0	0	0
6-11	0	5	1	2	0	0	0	0	0	0
6-12	3	1	1	1	0	2	0	0	0	0
6-13	0	0	0	0	0	0	0	0	0	0
6-14	2	1	0	0	0	0	2	0	0	0
6-15	0	3	1	0	0	0	0	0	0	0
6-16	0	2	1	0	0	0	0	0	0	0
6-17	1	0	0	0	0	0	0	0	0	0
6-18	0	0	2	0	0	3	0	0	0	0
6-19	0	2	0	0	0	1	0	0	0	0
6-20	0	2	2	0	0	0	1	0	0	0
6-21	0	4	3	1	0	0	0	0	0	0
6-22	1	1	5	0	0	0	0	0	0	0
6-23	0	1	0	0	0	1	0	0	0	0
6-24	1	1	1	3	0	0	0	0	0	0
6-25	1	0	1	0	1	--	--	--	--	--
6-26	0	2	0	1	0	0	0	0	0	0
6-27	2	5	1	0	2	0	0	0	0	0
6-28	5	2	4	4	0	2	0	0	0	0
7-11	0	3	0	0	0	0	0	0	0	0
10-08	0	1	0	0	0	1	1	0	0	0

TABLE 13.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

- (1) BLUE TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 1695 ON MAY 19, 1979.
- (2) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.
- (3) BYPASS CHANNEL. SEE FIGURE 3.

TABLE 14.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979

DATE	SECTION 0043					SECTION 0075				
	NUMBER OF ORANGE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF ORANGE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	--	--	--	--	--
5-21	2	0	0	0	0	--	--	--	--	--
5-23	--	--	--	--	--	0	0	0	0	0
5-24	3	0	0	0	0	30	3	0	0	0
5-25	4	9	0	0	0	27	10	0	0	0
5-26	1	0	1	0	0	20	13	1	0	0
5-27	--	--	--	--	--	1	4	2	0	0
5-28	4	2	5	1	0	20	15	2	0	0
5-30	11	19	6	1	0	9	39	9	1	0
5-31	2	12	0	0	0	1	22	3	3	0
6-01	3	11	1	0	0	8	18	1	0	0
6-02	13	4	3	0	0	13	27	7	2	0
6-03	8	5	1	0	0	40	24	3	0	0
6-04	8	19	7	0	0	5	17	3	1	0
6-05	6	22	1	0	0	1	19	8	1	0
6-06	6	11	5	1	0	1	12	6	1	0
6-07	0	7	2	1	0	7	25	3	1	0
6-08	0	17	9	4	0	3	26	1	1	0
6-09	3	9	4	0	0	6	11	2	1	0
6-10	2	15	6	0	0	7	13	1	0	0
6-11	10	20	2	3	1	1	14	2	2	0
6-12	5	14	5	0	0	0	10	5	3	0
6-13	0	3	6	2	0	1	14	2	0	0
6-14	3	6	4	2	0	4	4	3	0	0
6-15	7	15	2	0	0	1	7	2	0	0
6-16	0	5	3	2	0	4	5	2	1	0
6-17	1	6	6	1	0	5	14	1	0	0
6-18	2	9	3	1	0	5	7	0	0	0
6-19	2	13	1	2	0	1	3	3	2	0
6-20	4	17	4	0	0	0	9	1	2	0
6-21	0	18	3	1	0	0	8	2	0	0
6-22	2	21	2	1	0	0	9	3	3	1
6-23	1	14	6	1	0	1	8	8	2	0
6-24	0	10	7	1	0	1	11	3	3	0
6-25	1	8	2	1	0	0	8	0	0	0
6-26	1	9	5	2	0	1	11	1	4	0
6-27	4	16	7	3	0	5	3	6	0	0
6-28	2	11	2	0	0	2	11	2	0	0
7-11	25	49	2	2	0	24	101	9	0	0
10-09	31	110	6	2	0	12	85	23	2	0

TABLE 14.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0137					SECTION 0220				
	NUMBER OF ORANGE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF ORANGE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	--	--	--	--	--	6	0	0	0	0
5-21	2	0	0	0	0	13	0	0	0	0
5-23	0	0	0	0	0	0	0	0	0	0
5-24	0	1	0	1	0	3	7	2	1	0
5-25	6	6	0	0	0	4	21	3	0	0
5-26	4	8	1	0	0	7	17	4	1	0
5-27	13	37	4	0	0	3	27	7	1	0
5-28	13	45	3	0	0	8	49	5	0	0
5-30	7	30	4	2	0	7	19	1	0	0
5-31	3	26	4	0	0	14	5	1	3	0
6-01	0	11	1	1	0	1	5	4	0	0
6-02	1	8	5	0	0	1	14	2	1	0
6-03	2	3	5	2	0	10	7	1	0	0
6-04	1	2	0	0	0	2	6	4	0	0
6-05	4	5	2	0	0	2	11	4	0	0
6-06	0	2	0	0	0	0	3	5	2	1
6-07	2	7	3	2	0	2	10	8	2	0
6-08	0	2	1	1	0	0	8	1	0	0
6-09	0	0	0	0	0	0	2	0	0	0
6-10	1	11	6	4	0	0	12	6	2	3
6-11	3	11	5	3	0	0	5	2	1	0
6-12	5	24	8	0	0	1	8	2	2	0
6-13	1	7	1	0	0	0	7	2	2	0
6-14	4	12	3	0	0	2	9	4	0	0
6-15	7	11	6	1	0	2	17	3	1	0
6-16	3	4	4	2	1	3	14	6	0	0
6-17	1	11	3	1	0	1	9	5	1	1
6-18	2	8	8	4	1	1	8	1	1	0
6-19	1	13	4	0	0	2	7	2	0	0
6-20	0	13	3	0	0	1	17	4	1	0
6-21	1	13	0	1	0	0	2	1	1	0
6-22	0	10	6	2	0	1	6	7	3	0
6-23	0	5	3	1	0	0	4	1	1	0
6-24	2	15	5	0	1	1	9	3	0	1
6-25	1	3	2	0	0	3	4	7	0	0
6-26	1	9	4	2	0	4	10	4	1	0
6-27	5	4	2	2	1	21	46	7	1	0
6-28	12	8	4	1	1	7	25	6	2	0
7-11	6	48	23	0	0	7	19	12	7	0
10-09	10	74	16	4	0	8	30	7	2	1

TABLE 14.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

DATE	SECTION 0301					SECTION 0301(2)				
	NUMBER OF ORANGE TRACER PARTICLES BY SIZE CLASS (MM)					NUMBER OF ORANGE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-20	127	8	0	0	0	5	2	1	0	0
5-21	173	13	0	0	0	10	1	0	0	0
5-23	11	20	6	1	0	148	112	0	0	0
5-24	14	39	10	8	0	6	5	1	0	0
5-25	21	103	12	6	0	17	35	5	0	0
5-26	4	39	13	2	3	43	196	4	0	0
5-27	2	20	7	1	1	4	65	13	0	0
5-28	1	12	5	1	0	--	--	--	--	--
5-30	0	3	0	3	0	--	--	--	--	--
5-31	0	3	1	1	0	--	--	--	--	--
6-01	1	1	0	0	0	--	--	--	--	--
6-02	1	7	2	0	0	--	--	--	--	--
6-03	1	12	2	2	0	--	--	--	--	--
6-04	4	12	9	1	0	--	--	--	--	--
6-05	1	10	4	3	0	0	5	3	0	0
6-06	2	9	4	2	0	1	9	7	1	0
6-07	1	6	4	1	0	8	34	1	0	0
6-08	0	20	6	1	0	--	--	--	--	--
6-09	0	1	0	0	0	--	--	--	--	--
6-10	2	11	6	0	0	--	--	--	--	--
6-11	1	11	10	0	1	--	--	--	--	--
6-12	4	13	6	1	0	2	13	2	1	0
6-13	1	11	2	1	1	2	13	3	1	0
6-14	0	8	1	1	0	2	13	8	0	0
6-15	2	7	6	1	2	6	21	4	0	0
6-16	2	13	4	1	0	3	25	3	0	0
6-17	5	24	6	1	1	2	15	6	1	0
6-18	1	5	2	3	0	--	--	--	--	--
6-19	6	13	2	1	0	--	--	--	--	--
6-20	6	21	11	0	0	--	--	--	--	--
6-21	0	10	4	0	0	--	--	--	--	--
6-22	2	34	10	3	1	--	--	--	--	--
6-23	2	32	7	0	0	--	--	--	--	--
6-24	8	63	20	3	0	--	--	--	--	--
6-25	2	44	11	4	1	--	--	--	--	--
6-26	7	60	17	3	0	--	--	--	--	--
6-27	30	65	14	7	0	--	--	--	--	--
6-28	26	106	22	1	0	--	--	--	--	--
7-11	23	71	23	6	1	--	--	--	--	--
10-09	8	28	11	4	1	--	--	--	--	--

TABLE 14.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

SECTION 0421

DATE	NUMBER OF ORANGE TRACER PARTICLES BY SIZE CLASS (MM)				
	0.25	0.50	1.00	2.00	4.00
	TO 0.50	TO 1.00	TO 2.00	TO 4.00	TO 8.00
5-20	179	29	1	0	0
5-21	23	46	4	0	0
5-23	23	35	13	5	0
5-24	4	0	0	2	1
5-25	1	5	4	0	0
5-26	9	1	0	0	0
5-27	0	0	0	0	0
5-28	0	0	1	0	0
5-30	0	1	0	0	0
5-31	0	2	1	0	0
6-01	0	7	4	0	0
6-02	12	105	34	5	0
6-03	0	10	6	2	1
6-04	2	14	4	6	0
6-05	2	11	10	0	0
6-06	2	10	8	3	1
6-07	1	1	2	0	0
6-08	3	4	4	0	0
6-09	0	2	0	0	0
6-10	3	42	8	3	0
6-11	21	87	6	0	0
6-12	12	29	8	2	0
6-13	4	31	10	3	1
6-14	2	24	20	6	0
6-15	0	8	2	0	0
6-16	1	5	2	0	1
6-17	2	8	2	4	0
6-18	2	35	7	2	0
6-19	3	88	14	6	1
6-20	3	38	21	7	1
6-21	8	183	69	5	0
6-22	3	76	33	8	1
6-23	1	45	31	2	0
6-24	1	11	5	2	0
6-25	2	48	40	13	2
6-26	0	28	13	2	0
6-27	5	8	2	1	0
6-28	60	71	4	2	0
7-11	13	42	10	1	1
10-09	42	81	22	16	2



TABLE 14.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL, EAST FORK RIVER, WYOMING, 1979--CONTINUED

- (1) ORANGE TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 0516 ON MAY 19, 1979.
- (2) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0043

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	59++	0	0	0	0	0	
5-19	75++	0	0	0	0	0	
5-21	54+	0	0	0	0	0	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	371	0	0	0	0	0	
5-27	84+	0	0	0	0	0	
5-28	28++	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	5+++	0	0	0	0	0	
6-01	81++	0	0	0	0	0	
6-03	0+++	0	0	0	0	0	
6-05	0+++	0	0	0	0	0	
6-07	11+++	0	0	0	0	0	
6-09	303	0	0	0	0	0	
6-10	3071	2	2	0	0	0	
6-11	3889	0	0	0	0	0	
6-12	2659	0	0	0	0	0	
6-13	1640	0	0	0	0	0	
6-14	1030	0	0	0	0	0	
6-15	984	0	0	0	0	0	
6-16	--	--	--	--	--	--	
6-17	383	0	0	0	0	0	
6-18	320	0	0	0	0	0	
6-19	1123	0	0	0	0	0	
6-20	271	0	0	0	0	0	
6-21	764	0	0	0	0	0	
6-22	--	--	--	--	--	--	
6-23	585	0	0	0	0	0	
6-25	1008	0	0	0	0	0	
6-27	486	1	1	0	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0075

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	161+	0	0	0	0	0	0
5-19	346	0	0	0	0	0	0
5-21	1581	0	0	0	0	0	0
5-22	---	---	---	---	---	---	---
5-24	---	---	---	---	---	---	---
5-26	51+	4	2	2	0	0	0
5-27	127+	0	0	0	0	0	0
5-28	127	0	0	0	0	0	0
5-29	237	0	0	0	0	0	0
5-30	19+++	0	0	0	0	0	0
6-01	1907	0	0	0	0	0	0
6-03	900	0	0	0	0	0	0
6-05	283	0	0	0	0	0	0
6-07	742	0	0	0	0	0	0
6-09	1650	0	0	0	0	0	0
6-10	3128	2	1	1	0	0	0
6-11	1416	11	2	9	0	0	0
6-12	2786	0	0	0	0	0	0
6-13	1735	0	0	0	0	0	0
6-14	1897	0	0	0	0	0	0
6-15	651	0	0	0	0	0	0
6-16	---	---	---	---	---	---	---
6-17	900	0	0	0	0	0	0
6-18	1969	0	0	0	0	0	0
6-19	2818	0	0	0	0	0	0
6-20	5583	0	0	0	0	0	0
6-21	4777	0	0	0	0	0	0
6-22	---	---	---	---	---	---	---
6-23	1409	3	3	0	0	0	0
6-25	1558	0	0	0	0	0	0
6-27	2302	1	0	1	0	0	0
6-29	---	---	---	---	---	---	---
7-01	---	---	---	---	---	---	---
7-03	---	---	---	---	---	---	---
7-05	---	---	---	---	---	---	---
7-07	---	---	---	---	---	---	---

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0137

DATE	DRY MASS ° OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	225	0	0	0	0	0	
5-19	56+++	0	0	0	0	0	
5-21	113++	0	0	0	0	0	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	1360	0	0	0	0	0	
5-27	1794	0	0	0	0	0	
5-28	135	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	99+	0	0	0	0	0	
6-01	41++	0	0	0	0	0	
6-03	73++	0	0	0	0	0	
6-05	0+++	0	0	0	0	0	
6-07	588	0	0	0	0	0	
6-09	1099	1	0	1	0	0	
6-10	1907	0	0	0	0	0	
6-11	1139	0	0	0	0	0	
6-12	517	0	0	0	0	0	
6-13	1648	0	0	0	0	0	
6-14	3009	0	0	0	0	0	
6-15	2497	0	0	0	0	0	
6-16	--	--	--	--	--	--	
6-17	3116	0	0	0	0	0	
6-18	3204	0	0	0	0	0	
6-19	2346	0	0	0	0	0	
6-20	2042	0	0	0	0	0	
6-21	3752	0	0	0	0	0	
6-22	--	--	--	--	--	--	
6-23	2398	0	0	0	0	0	
6-25	3614	1	1	0	0	0	
6-27	4050	1	0	1	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0178

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	335	0	0	0	0	0	0
5-19	1172	0	0	0	0	0	0
5-21	430	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	2416	0	0	0	0	0	0
5-27	677	0	0	0	0	0	0
5-28	446	3	3	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	470	0	0	0	0	0	0
6-01	521	0	0	0	0	0	0
6-03	18++	0	0	0	0	0	0
6-05	689	0	0	0	0	0	0
6-07	1624	0	0	0	0	0	0
6-09	2378	0	0	0	0	0	0
6-10	6609	0	0	0	0	0	0
6-11	4737	0	0	0	0	0	0
6-12	1694	0	0	0	0	0	0
6-13	5416	0	0	0	0	0	0
6-14	3955	1	1	0	0	0	0
6-15	3251	1	0	1	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1273	0	0	0	0	0	0
6-18	3439	0	0	0	0	0	0
6-19	3696	0	0	0	0	0	0
6-20	5908	0	0	0	0	0	0
6-21	5074	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	4771	0	0	0	0	0	0
6-25	1510	21	8	9	4	0	0
6-27	3035	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0220

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	144+	0	0	0	0	0	0
5-19	512	0	0	0	0	0	0
5-21	5907	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	871	0	0	0	0	0	0
5-27	83+	0	0	0	0	0	0
5-28	673	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	150+	0	0	0	0	0	0
6-01	44++	0	0	0	0	0	0
6-03	67++	0	0	0	0	0	0
6-05	569	0	0	0	0	0	0
6-07	758	0	0	0	0	0	0
6-09	4213	2	0	2	0	0	0
6-10	6882	0	0	0	0	0	0
6-11	5760	1	0	0	1	0	0
6-12	3938	0	0	0	0	0	0
6-13	4401	0	0	0	0	0	0
6-14	5375	0	0	0	0	0	0
6-15	241	2	2	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	946	0	0	0	0	0	0
6-18	3574	0	0	0	0	0	0
6-19	6083	0	0	0	0	0	0
6-20	6451	0	0	0	0	0	0
6-21	3627	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1357	3	2	1	0	0	0
6-25	3244	1	0	1	0	0	0
6-27	1327	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0257

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	119+	0	0	0	0	0	0
5-19	697	0	0	0	0	0	0
5-21	3491	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	183	2	1	1	0	0	0
5-27	113	0	0	0	0	0	0
5-28	42++	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	74+	0	0	0	0	0	0
6-01	90++	0	0	0	0	0	0
6-03	697	0	0	0	0	0	0
6-05	1516	0	0	0	0	0	0
6-07	645	0	0	0	0	0	0
6-09	3432	0	0	0	0	0	0
6-10	5300	0	0	0	0	0	0
6-11	2534	0	0	0	0	0	0
6-12	3148	0	0	0	0	0	0
6-13	3296	0	0	0	0	0	0
6-14	1846	0	0	0	0	0	0
6-15	2370	1	1	0	0	0	0
6-16	799	1	1	0	0	0	0
6-17	1076	0	0	0	0	0	0
6-18	2889	0	0	0	0	0	0
6-19	4435	0	0	0	0	0	0
6-20	7086	2	2	0	0	0	0
6-21	2965	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1826	0	0	0	0	0	0
6-25	2479	0	0	0	0	0	0
6-27	4340	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0257(3)

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	314	0	0	0	0	0	0
6-10	820	0	0	0	0	0	0
6-11	--	--	--	--	--	--	--
6-12	1057	0	0	0	0	0	0
6-13	528	0	0	0	0	0	0
6-14	634	1	1	0	0	0	0
6-15	588	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	--	--	--	--	--	--	--
6-18	276	4	2	2	0	0	0
6-19	1102	0	0	0	0	0	0
6-20	298	4	3	1	0	0	0
6-21	287	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	--	--	--	--	--	--	--
6-25	598	0	0	0	0	0	0
6-27	320	5	1	4	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0301

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	123+	0	0	0	0	0	0
5-19	1905	0	0	0	0	0	0
5-21	1771	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	208+	0	0	0	0	0	0
5-27	469	0	0	0	0	0	0
5-28	701	0	0	0	0	0	0
5-29	583	0	0	0	0	0	0
5-30	716	0	0	0	0	0	0
6-01	76+	0	0	0	0	0	0
6-03	1319	0	0	0	0	0	0
6-05	334	0	0	0	0	0	0
6-07	360	0	0	0	0	0	0
6-09	2585	0	0	0	0	0	0
6-10	4703	0	0	0	0	0	0
6-11	4006	1	1	0	0	0	0
6-12	708	0	0	0	0	0	0
6-13	1831	0	0	0	0	0	0
6-14	2650	1	0	0	1	0	0
6-15	1594	0	0	0	0	0	0
6-16	1134	0	0	0	0	0	0
6-17	2169	0	0	0	0	0	0
6-18	3222	0	0	0	0	0	0
6-19	1122	0	0	0	0	0	0
6-20	1371	1	1	0	0	0	0
6-21	2293	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	2046	2	0	2	0	0	0
6-25	1137	0	0	0	0	0	0
6-27	2918	1	0	1	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0301(3)

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	410	0	0	0	0	0	0
6-10	749	0	0	0	0	0	0
6-11	1836	0	0	0	0	0	0
6-12	1121	0	0	0	0	0	0
6-13	2235	0	0	0	0	0	0
6-14	846	1	1	0	0	0	0
6-15	455	2	1	1	0	0	0
6-16	--	--	--	--	--	--	--
6-17	--	--	--	--	--	--	--
6-18	837	0	0	0	0	0	0
6-19	827	0	0	0	0	0	0
6-20	61+++	0	0	0	0	0	0
6-21	965	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	290	0	0	0	0	0	0
6-25	374	2	2	0	0	0	0
6-27	149	6	3	3	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0348

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	1385	0	0	0	0	0	0
5-19	719	0	0	0	0	0	0
5-21	1217	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	471	1	1	0	0	0	0
5-27	1592	0	0	0	0	0	0
5-28	1893	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1540	0	0	0	0	0	0
6-01	872	0	0	0	0	0	0
6-03	407	0	0	0	0	0	0
6-05	701	0	0	0	0	0	0
6-07	214	0	0	0	0	0	0
6-09	1115	0	0	0	0	0	0
6-10	1871	0	0	0	0	0	0
6-11	2608	1	0	1	0	0	0
6-12	218	0	0	0	0	0	0
6-13	1290	0	0	0	0	0	0
6-14	6798	1	1	0	0	0	0
6-15	3561	0	0	0	0	0	0
6-16	1007	0	0	0	0	0	0
6-17	4185	0	0	0	0	0	0
6-18	7816	0	0	0	0	0	0
6-19	5678	0	0	0	0	0	0
6-20	2601	0	0	0	0	0	0
6-21	2274	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1858	2	2	0	0	0	0
6-25	3862	11	1	7	2	1	0
6-27	2790	3	2	1	0	0	0
6-29	2728	2	0	1	1	0	0
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0421

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	242	0	0	0	0	0	
5-19	777	0	0	0	0	0	
5-21	612	2	2	0	0	0	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	3173	0	0	0	0	0	
5-27	896	0	0	0	0	0	
5-28	561	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	277	0	0	0	0	0	
6-01	563	0	0	0	0	0	
6-03	384	0	0	0	0	0	
6-05	88+	0	0	0	0	0	
6-07	376	0	0	0	0	0	
6-09	958	0	0	0	0	0	
6-10	4947	0	0	0	0	0	
6-11	4214	0	0	0	0	0	
6-12	2586	0	0	0	0	0	
6-13	5444	0	0	0	0	0	
6-14	4647	0	0	0	0	0	
6-15	4003	0	0	0	0	0	
6-16	3030	0	0	0	0	0	
6-17	3022	1	1	0	0	0	
6-18	1824	0	0	0	0	0	
6-19	1450	0	0	0	0	0	
6-20	2879	2	1	1	0	0	
6-21	9086	2	0	2	0	0	
6-22	--	--	--	--	--	--	
6-23	1446	0	0	0	0	0	
6-25	3306	1	0	1	0	0	
6-27	1800	0	0	0	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0460

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	233	0	0	0	0	0	0
5-19	104++	0	0	0	0	0	0
5-21	153+	3	3	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1436	1	0	1	0	0	0
5-27	39++	0	0	0	0	0	0
5-28	190+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	16++	0	0	0	0	0	0
6-01	25++	0	0	0	0	0	0
6-03	10+++	0	0	0	0	0	0
6-05	24++	0	0	0	0	0	0
6-07	43++	0	0	0	0	0	0
6-09	2147	0	0	0	0	0	0
6-10	6109	0	0	0	0	0	0
6-11	8822	1	0	1	0	0	0
6-12	7920	0	0	0	0	0	0
6-13	3616	0	0	0	0	0	0
6-14	4080	0	0	0	0	0	0
6-15	2730	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	952	0	0	0	0	0	0
6-18	1870	0	0	0	0	0	0
6-19	2636	0	0	0	0	0	0
6-20	2850	10	6	2	1	1	0
6-21	4894	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1697	3	3	0	0	0	0
6-25	1719	0	0	0	0	0	0
6-27	2173	1	0	1	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0516

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	238	0	0	0	0	0	
5-19	104++	1	1	0	0	0	
5-21	3254	0	0	0	0	0	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	1122	0	0	0	0	0	
5-27	45++	0	0	0	0	0	
5-28	177+	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	40++	3	3	0	0	0	
6-01	17+++	0	0	0	0	0	
6-03	5+++	0	0	0	0	0	
6-05	20+++	0	0	0	0	0	
6-07	43++	0	0	0	0	0	
6-09	3573	0	0	0	0	0	
6-10	5819	0	0	0	0	0	
6-11	7742	1	1	0	0	0	
6-12	4199	0	0	0	0	0	
6-13	2145	0	0	0	0	0	
6-14	8739	0	0	0	0	0	
6-15	2323	2	1	1	0	0	
6-16	--	--	--	--	--	--	
6-17	739	0	0	0	0	0	
6-18	3247	0	0	0	0	0	
6-19	4233	2	0	2	0	0	
6-20	3247	1	1	0	0	0	
6-21	3537	0	0	0	0	0	
6-22	--	--	--	--	--	--	
6-23	1833	0	0	0	0	0	
6-25	2312	1	1	0	0	0	
6-27	1577	0	0	0	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0556

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	12+++	0	0	0	0	0	0
5-19	272	1	0	1	0	0	0
5-21	1800	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	840	0	0	0	0	0	0
5-27	58+	0	0	0	0	0	0
5-28	207	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	62++	0	0	0	0	0	0
6-01	77++	0	0	0	0	0	0
6-03	53++	2	2	0	0	0	0
6-05	93+	0	0	0	0	0	0
6-07	103+	1	1	0	0	0	0
6-09	5100	0	0	0	0	0	0
6-10	5747	0	0	0	0	0	0
6-11	2974	1	0	1	0	0	0
6-12	9117	1	1	0	0	0	0
6-13	3194	0	0	0	0	0	0
6-14	3427	1	1	0	0	0	0
6-15	1217	2	0	2	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1354	1	0	1	0	0	0
6-18	3938	1	1	0	0	0	0
6-19	2389	2	2	0	0	0	0
6-20	5650	1	1	0	0	0	0
6-21	2083	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	3676	0	0	0	0	0	0
6-25	872	3	2	1	0	0	0
6-27	2150	6	6	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0602

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	136	3	3	0	0	0	0
5-19	1010	0	0	0	0	0	0
5-21	1054	1	1	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1299	0	0	0	0	0	0
5-27	167+	0	0	0	0	0	0
5-28	112	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	474	6	5	1	0	0	0
6-01	56+	4	4	0	0	0	0
6-03	162+	0	0	0	0	0	0
6-05	921	0	0	0	0	0	0
6-07	1320	0	0	0	0	0	0
6-09	5773	0	0	0	0	0	0
6-10	4233	0	0	0	0	0	0
6-11	5076	1	1	0	0	0	0
6-12	2864	0	0	0	0	0	0
6-13	3765	0	0	0	0	0	0
6-14	2492	0	0	0	0	0	0
6-15	1838	1	1	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	2006	8	6	2	0	0	0
6-18	1637	1	0	1	0	0	0
6-19	5043	1	0	1	0	0	0
6-20	7174	0	0	0	0	0	0
6-21	2827	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	3194	2	1	1	0	0	0
6-25	4332	1	1	0	0	0	0
6-27	1490	2	2	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0653

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	148+	0	0	0	0	0	0
5-19	168+	0	0	0	0	0	0
5-21	153+	0	0	0	0	0	0
5-22	---	---	---	---	---	---	---
5-24	---	---	---	---	---	---	---
5-26	393	0	0	0	0	0	0
5-27	491	0	0	0	0	0	0
5-28	108+	0	0	0	0	0	0
5-29	---	---	---	---	---	---	---
5-30	83++	0	0	0	0	0	0
6-01	372	1	1	0	0	0	0
6-03	439	0	0	0	0	0	0
6-05	490	0	0	0	0	0	0
6-07	2330	0	0	0	0	0	0
6-09	3768	0	0	0	0	0	0
6-10	15664	0	0	0	0	0	0
6-11	3692	1	1	0	0	0	0
6-12	348	1	1	0	0	0	0
6-13	427	7	6	1	0	0	0
6-14	257	8	4	4	0	0	0
6-15	622	5	1	4	0	0	0
6-16	---	---	---	---	---	---	---
6-17	2105	3	3	0	0	0	0
6-18	3735	2	1	1	0	0	0
6-19	4034	0	0	0	0	0	0
6-20	1922	1	0	1	0	0	0
6-21	2686	0	0	0	0	0	0
6-22	---	---	---	---	---	---	---
6-23	1278	1	1	0	0	0	0
6-25	1894	17	0	13	3	1	0
6-27	2210	3	0	3	0	0	0
6-29	---	---	---	---	---	---	---
7-01	---	---	---	---	---	---	---
7-03	---	---	---	---	---	---	---
7-05	---	---	---	---	---	---	---
7-07	---	---	---	---	---	---	---

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0653(3)

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	61+	0	0	0	0	0	0
6-10	283	0	0	0	0	0	0
6-11	--	--	--	--	--	--	--
6-12	266	0	0	0	0	0	0
6-13	24+++	4	4	0	0	0	0
6-14	190	6	6	0	0	0	0
6-15	33++	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	--	--	--	--	--	--	--
6-18	38++	0	0	0	0	0	0
6-19	0+++	0	0	0	0	0	0
6-20	371	5	1	4	0	0	0
6-21	71+	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	--	--	--	--	--	--	--
6-25	22+++	0	0	0	0	0	0
6-27	6+++	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0708

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	841	0	0	0	0	0	0
5-19	395	0	0	0	0	0	0
5-21	3726	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	513	0	0	0	0	0	0
5-27	215	0	0	0	0	0	0
5-28	288	3	3	0	0	0	0
5-29	422	0	0	0	0	0	0
5-30	88+	1	0	0	1	0	0
6-01	39++	3	3	0	0	0	0
6-03	909	0	0	0	0	0	0
6-05	702	0	0	0	0	0	0
6-07	1550	0	0	0	0	0	0
6-09	3638	0	0	0	0	0	0
6-10	7438	0	0	0	0	0	0
6-11	1025	2	2	0	0	0	0
6-12	583	0	0	0	0	0	0
6-13	1330	3	3	0	0	0	0
6-14	2343	0	0	0	0	0	0
6-15	862	1	1	0	0	0	0
6-16	884	0	0	0	0	0	0
6-17	1457	1	0	1	0	0	0
6-18	3737	0	0	0	0	0	0
6-19	3122	0	0	0	0	0	0
6-20	10382	0	0	0	0	0	0
6-21	1174	1	0	1	0	0	0
6-22	--	--	--	--	--	--	--
6-23	997	4	1	3	0	0	0
6-25	721	0	0	0	0	0	0
6-27	2107	3	3	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0757

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	450	0	0	0	0	0	0
5-19	463	0	0	0	0	0	0
5-21	613	3	3	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	6427	0	0	0	0	0	0
5-27	3063	0	0	0	0	0	0
5-28	1324	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1695	0	0	0	0	0	0
6-01	1578+	0	0	0	0	0	0
6-03	448	0	0	0	0	0	0
6-05	384	0	0	0	0	0	0
6-07	501	0	0	0	0	0	0
6-09	716	0	0	0	0	0	0
6-10	68+	0	0	0	0	0	0
6-11	320	19	18	1	0	0	0
6-12	2425	10	8	2	0	0	0
6-13	1014	6	5	1	0	0	0
6-14	3202	2	2	0	0	0	0
6-15	1515	1	0	1	0	0	0
6-16	3208	0	0	0	0	0	0
6-17	5436	1	0	1	0	0	0
6-18	6123	0	0	0	0	0	0
6-19	2003	0	0	0	0	0	0
6-20	2586	2	2	0	0	0	0
6-21	1847	1	0	1	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1505	0	0	0	0	0	0
6-25	2895	0	0	0	0	0	0
6-27	1785	1	1	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0808

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	573	0	0	0	0	0	0
5-19	894	0	0	0	0	0	0
5-21	314	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	3784	0	0	0	0	0	0
5-27	2360	0	0	0	0	0	0
5-28	2445	1	0	1	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1203	1	1	0	0	0	0
6-01	573	0	0	0	0	0	0
6-03	196	0	0	0	0	0	0
6-05	292	0	0	0	0	0	0
6-07	119	0	0	0	0	0	0
6-09	358	3	2	1	0	0	0
6-10	52+++	2	0	2	0	0	0
6-11	598	6	4	2	0	0	0
6-12	1683	0	0	0	0	0	0
6-13	1907	1	1	0	0	0	0
6-14	7240	0	0	0	0	0	0
6-15	2905	4	2	2	0	0	0
6-16	5512	0	0	0	0	0	0
6-17	5656	1	0	1	0	0	0
6-18	2381	1	0	1	0	0	0
6-19	1544	2	0	2	0	0	0
6-20	6034	2	0	0	2	0	0
6-21	2623	3	3	0	0	0	0
6-22	2266	1	1	0	0	0	0
6-23	651	0	0	0	0	0	0
6-25	2859	1	1	0	0	0	0
6-27	2745	2	0	2	0	0	0
6-29	2692	2	0	2	0	0	0
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0808(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	85+	0	0	0	0	0	0
6-10	677	0	0	0	0	0	0
6-11	49++	0	0	0	0	0	0
6-12	--	--	--	--	--	--	--
6-13	462	14	13	0	0	0	0
6-14	371	2	0	2	0	0	0
6-15	504	1	1	0	0	0	0
6-16	103	0	0	0	0	0	0
6-17	25++	0	0	0	0	0	0
6-18	726	2	0	2	0	0	0
6-19	34++	0	0	0	0	0	0
6-20	0+++	0	0	0	0	0	0
6-21	17++	0	0	0	0	0	0
6-22	68+	0	0	0	0	0	0
6-23	52+	0	0	0	0	0	0
6-25	34+++	6	0	6	0	0	0
6-27	124	3	0	3	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0853

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	284	3	3	0	0	0	0
5-19	459	3	2	1	0	0	0
5-21	827	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	2765	0	0	0	0	0	0
5-27	834	0	0	0	0	0	0
5-28	1822	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	550	0	0	0	0	0	0
6-01	242	0	0	0	0	0	0
6-03	217	0	0	0	0	0	0
6-05	4+++	0	0	0	0	0	0
6-07	170	0	0	0	0	0	0
6-09	322	1	1	0	0	0	0
6-10	847	18	18	0	0	0	0
6-11	2219	5	3	2	0	0	0
6-12	6895	1	0	1	0	0	0
6-13	6089	2	2	0	0	0	0
6-14	5264	2	2	0	0	0	0
6-15	1825	1	0	1	0	0	0
6-16	4440	0	0	0	0	0	0
6-17	3923	1	0	1	0	0	0
6-18	3082	0	0	0	0	0	0
6-19	3537	0	0	0	0	0	0
6-20	628	4	0	4	0	0	0
6-21	1390	0	0	0	0	0	0
6-22	3195	1	0	0	1	0	0
6-23	1491	0	0	0	0	0	0
6-25	711	1	0	1	0	0	0
6-27	2440	2	0	2	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0898

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES				
		TOTAL	BY SIZE CLASS (MM)			
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00
5-16	114++	0	0	0	0	0
5-19	201+	3	1	2	0	0
5-21	231	0	0	0	0	0
5-22	--	--	--	--	--	--
5-24	--	--	--	--	--	--
5-26	1516	0	0	0	0	0
5-27	1853	0	0	0	0	0
5-28	251	0	0	0	0	0
5-29	--	--	--	--	--	--
5-30	290	0	0	0	0	0
6-01	332	2	1	0	0	0
6-03	46++	0	0	0	0	0
6-05	46++	0	0	0	0	0
6-07	34++	0	0	0	0	0
6-09	203	3	2	1	0	0
6-10	433	7	7	0	0	0
6-11	180	8	7	1	0	0
6-12	1483	1	0	1	0	0
6-13	1925	2	2	0	0	0
6-14	6873	0	0	0	0	0
6-15	408	0	0	0	0	0
6-16	--	--	--	--	--	--
6-17	3645	0	0	0	0	0
6-18	2807	0	0	0	0	0
6-19	1207	0	0	0	0	0
6-20	5563	0	0	0	0	0
6-21	245	2	0	2	0	0
6-22	170	11	6	5	0	0
6-23	1841	7	1	5	1	0
6-25	585	6	3	3	0	0
6-27	737	3	0	3	0	0
6-29	--	--	--	--	--	--
7-01	--	--	--	--	--	--
7-03	--	--	--	--	--	--
7-05	--	--	--	--	--	--
7-07	--	--	--	--	--	--



TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0940

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	412	0	0	0	0	0	0
5-19	113+	3	3	0	0	0	0
5-21	1047	1	1	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	3564	0	0	0	0	0	0
5-27	1729	0	0	0	0	0	0
5-28	803	0	0	0	0	0	0
5-29	43++	0	0	0	0	0	0
5-30	89+	2	0	1	1	0	0
6-01	108+	0	0	0	0	0	0
6-03	73++	0	0	0	0	0	0
6-05	73+	0	0	0	0	0	0
6-07	134	0	0	0	0	0	0
6-09	555	4	3	1	0	0	0
6-10	714	1	0	1	0	0	0
6-11	5615	1	1	0	0	0	0
6-12	6832	0	0	0	0	0	0
6-13	5258	0	0	0	0	0	0
6-14	2459	2	0	2	0	0	0
6-15	2313	1	0	1	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1205	0	0	0	0	0	0
6-18	1785	0	0	0	0	0	0
6-19	1143	0	0	0	0	0	0
6-20	1735	0	0	0	0	0	0
6-21	6301	1	1	0	0	0	0
6-22	2855	3	1	2	0	0	0
6-23	3197	1	0	1	0	0	0
6-25	1877	0	0	0	0	0	0
6-27	1569	1	1	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0985

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	344	0	0	0	0	0	0
5-19	323	0	0	0	0	0	0
5-21	2789	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	3289	0	0	0	0	0	0
5-27	73+	0	0	0	0	0	0
5-28	105+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	10++	0	0	0	0	0	0
6-01	5+++	0	0	0	0	0	0
6-03	39++	0	0	0	0	0	0
6-05	19+++	0	0	0	0	0	0
6-07	50++	0	0	0	0	0	0
6-09	1844	4	4	0	0	0	0
6-10	5658	8	7	1	0	0	0
6-11	3740	3	3	0	0	0	0
6-12	4765	1	0	1	0	0	0
6-13	8303	0	0	0	0	0	0
6-14	7534	0	0	0	0	0	0
6-15	3829	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	954	1	0	0	1	0	0
6-18	3865	0	0	0	0	0	0
6-19	1696	1	0	1	0	0	0
6-20	1955	8	6	2	0	0	0
6-21	10233	3	0	3	0	0	0
6-22	2284	4	2	1	1	0	0
6-23	3294	2	0	2	0	0	0
6-25	2383	5	2	3	0	0	0
6-27	2130	6	2	4	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1038

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	153+	1	1	0	0	0	0
5-19	700	1	1	0	0	0	0
5-21	3042	0	0	0	0	0	0
5-22	2365	1	0	1	0	0	0
5-24	4864	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	118+	0	0	0	0	0	0
5-28	18++	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	26++	0	0	0	0	0	0
6-01	5+++	0	0	0	0	0	0
6-03	17+++	0	0	0	0	0	0
6-05	0+++	0	0	0	0	0	0
6-07	0+++	0	0	0	0	0	0
6-09	1865	0	0	0	0	0	0
6-10	6434	3	1	2	0	0	0
6-11	7545	1	0	0	1	0	0
6-12	12301	0	0	0	0	0	0
6-13	1950	3	0	1	2	0	0
6-14	2923	2	0	2	0	0	0
6-15	238	1	1	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	468	2	1	1	0	0	0
6-18	1679	0	0	0	0	0	0
6-19	249	4	4	0	0	0	0
6-20	1361	2	0	2	0	0	0
6-21	2079	2	0	2	0	0	0
6-22	1187	8	5	3	0	0	0
6-23	2267	5	3	2	0	0	0
6-25	809	25	6	15	4	0	0
6-27	2291	11	3	7	1	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1077

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	488	0	0	0	0	0	0
5-19	141+	4	4	0	0	0	0
5-21	1036	0	0	0	0	0	0
5-22	6690	0	0	0	0	0	0
5-24	2093	1	1	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	66+	3	3	0	0	0	0
5-28	247	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	93+	0	0	0	0	0	0
6-01	4+++	0	0	0	0	0	0
6-03	368	4	3	1	0	0	0
6-05	443	0	0	0	0	0	0
6-07	861	1	1	0	0	0	0
6-09	6847	3	3	0	0	0	0
6-10	5686	7	6	1	0	0	0
6-11	7026	0	0	0	0	0	0
6-12	5955	1	1	0	0	0	0
6-13	4795	0	0	0	0	0	0
6-14	3167	0	0	0	0	0	0
6-15	1830	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1193	2	1	1	0	0	0
6-18	3263	0	0	0	0	0	0
6-19	4561	2	1	1	0	0	0
6-20	5961	6	6	0	0	0	0
6-21	2481	5	1	2	2	0	0
6-22	--	--	--	--	--	--	--
6-23	5700	4	3	1	0	0	0
6-25	878	25	0	20	5	0	0
6-27	2988	17	6	11	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1120

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	72+	0	0	0	0	0	0
5-19	273+	8	8	0	0	0	0
5-21	3540	0	0	0	0	0	0
5-22	5580	0	0	0	0	0	0
5-24	2052	2	1	1	0	0	0
5-26	--	--	--	--	--	--	--
5-27	300	0	0	0	0	0	0
5-28	273	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	103+	0	0	0	0	0	0
6-01	77++	0	0	0	0	0	0
6-03	84++	0	0	0	0	0	0
6-05	90+	0	0	0	0	0	0
6-07	1350	10	9	1	0	0	0
6-09	6295	0	0	0	0	0	0
6-10	5355	2	1	1	0	0	0
6-11	2111	5	2	3	0	0	0
6-12	1473	1	1	0	0	0	0
6-13	537	0	0	0	0	0	0
6-14	1581	0	0	0	0	0	0
6-15	2074	1	0	1	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1501	0	0	0	0	0	0
6-18	4293	1	1	0	0	0	0
6-19	2789	15	9	6	0	0	0
6-20	3904	10	5	4	1	0	0
6-21	2718	7	1	3	3	0	0
6-22	--	--	--	--	--	--	--
6-23	2504	10	5	3	2	0	0
6-25	2506	5	0	5	0	0	0
6-27	4237	17	2	10	5	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1155

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	17+++	0	0	0	0	0	0
5-19	73+++	0	0	0	0	0	0
5-21	2437	3	1	2	0	0	0
5-22	2980	0	0	0	0	0	0
5-24	2253	1	1	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	25++	4	4	0	0	0	0
5-28	51+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	52+	0	0	0	0	0	0
6-01	46++	0	0	0	0	0	0
6-03	87++	1	0	1	0	0	0
6-05	23+++	0	0	0	0	0	0
6-07	341	0	0	0	0	0	0
6-09	2849	1	0	1	0	0	0
6-10	4178	2	1	1	0	0	0
6-11	1008	6	5	1	0	0	0
6-12	776	1	0	0	1	0	0
6-13	526	0	0	0	0	0	0
6-14	2043	1	0	0	1	0	0
6-15	957	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	659	7	6	0	0	1	0
6-18	2916	7	3	4	0	0	0
6-19	3706	6	2	4	0	0	0
6-20	1301	6	1	4	1	0	0
6-21	2023	6	1	2	3	0	0
6-22	--	--	--	--	--	--	--
6-23	1384	3	0	3	0	0	0
6-25	629	9	1	8	0	0	0
6-27	3473	11	0	7	4	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1202

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	323	10	10	0	0	0	0
5-19	251+	1	1	0	0	0	0
5-21	2833	5	5	0	0	0	0
5-22	6017	0	0	0	0	0	0
5-24	1764	2	2	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	402	3	2	1	0	0	0
5-28	113+	2	2	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	35++	0	0	0	0	0	0
6-01	102++	0	0	0	0	0	0
6-03	419	6	3	3	0	0	0
6-05	1372	1	0	1	0	0	0
6-07	1767	4	1	3	0	0	0
6-09	7316	1	0	1	0	0	0
6-10	4322	1	0	1	0	0	0
6-11	1660	1	0	1	0	0	0
6-12	907	5	2	2	1	0	0
6-13	729	0	0	0	0	0	0
6-14	2204	0	0	0	0	0	0
6-15	917	3	1	2	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1171	10	2	6	2	0	0
6-18	1103	3	2	1	0	0	0
6-19	4168	3	1	0	2	0	0
6-20	2102	9	2	7	0	0	0
6-21	4380	4	0	4	0	0	0
6-22	--	--	--	--	--	--	--
6-23	2561	16	10	6	0	0	0
6-25	5151	8	1	6	1	0	0
6-27	2402	11	1	7	3	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1241

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	909	1	1	0	0	0	0
5-19	359	4	3	1	0	0	0
5-21	1312	0	0	0	0	0	0
5-22	3206	0	0	0	0	0	0
5-24	510	4	4	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	56++	9	7	2	0	0	0
5-28	170	1	1	0	0	0	0
5-29	660	14	11	3	0	0	0
5-30	101+	0	0	0	0	0	0
6-01	1777	5	3	2	0	0	0
6-03	452	6	2	4	0	0	0
6-05	759	0	0	0	0	0	0
6-07	1177	6	5	1	0	0	0
6-09	1501	0	0	0	0	0	0
6-10	690	0	0	0	0	0	0
6-11	945	4	3	1	0	0	0
6-12	324	4	3	1	0	0	0
6-13	308	0	0	0	0	0	0
6-14	1093	2	2	0	0	0	0
6-15	1350	4	1	2	1	0	0
6-16	301	11	3	7	1	0	0
6-17	1431	9	2	7	0	0	0
6-18	3603	1	0	0	1	0	0
6-19	1291	3	3	0	0	0	0
6-20	2036	7	1	4	1	1	0
6-21	6118	7	3	4	0	0	0
6-22	--	--	--	--	--	--	--
6-23	453	7	2	4	1	0	0
6-25	5117	15	1	11	3	0	0
6-27	1604	18	3	10	4	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1284

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	3816	0	0	0	0	0	0
5-19	1486	1	1	0	0	0	0
5-21	1193	1	1	0	0	0	0
5-22	1704	0	0	0	0	0	0
5-24	763	7	7	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	1459	0	0	0	0	0	0
5-28	1247	4	4	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1345	0	0	0	0	0	0
6-01	1178	3	0	3	0	0	0
6-03	741	1	0	1	0	0	0
6-05	944	0	0	0	0	0	0
6-07	969	5	3	2	0	0	0
6-09	2293	0	0	0	0	0	0
6-10	1907	6	4	1	0	1	0
6-11	879	10	8	2	0	0	0
6-12	374	3	1	2	0	0	0
6-13	470	6	4	2	0	0	0
6-14	897	11	8	3	0	0	0
6-15	2970	7	2	5	0	0	0
6-16	1347	13	6	7	0	0	0
6-17	6911	14	3	9	2	0	0
6-18	2817	2	1	1	0	0	0
6-19	2731	4	2	0	2	0	0
6-20	1814	20	6	12	2	0	0
6-21	1452	8	2	4	1	0	1
6-22	--	--	--	--	--	--	--
6-23	2430	10	3	6	1	0	0
6-25	2306	21	1	18	2	0	0
6-27	3246	25	4	16	4	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1315

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	803	0	0	0	0	0	0
5-19	351	8	8	0	0	0	0
5-21	374	0	0	0	0	0	0
5-22	684	3	3	0	0	0	0
5-24	1499	10	10	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	1263	1	0	1	0	0	0
5-28	99+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1205	4	1	2	1	0	0
6-01	1241	2	2	0	0	0	0
6-03	217	2	0	0	2	0	0
6-05	98+	2	2	0	0	0	0
6-07	249	10	3	7	0	0	0
6-09	483	0	0	0	0	0	0
6-10	2803	4	4	0	0	0	0
6-11	4062	3	3	0	0	0	0
6-12	842	3	1	2	0	0	0
6-13	846	4	1	3	0	0	0
6-14	2194	4	2	1	1	0	0
6-15	2768	12	4	8	0	0	0
6-16	3105	17	8	9	0	0	0
6-17	5091	9	2	5	2	0	0
6-18	2403	12	2	7	3	0	0
6-19	2294	10	2	6	2	0	0
6-20	2348	9	2	4	2	1	0
6-21	2830	16	6	8	2	0	0
6-22	--	--	--	--	--	--	--
6-23	3316	9	1	6	1	1	0
6-25	6606	26	2	18	3	3	0
6-27	2276	27	3	22	2	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1360(4)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	114+	0	0	0	0	0	0
5-19	255+	4	3	1	0	0	0
5-21	197+	14	13	1	0	0	0
5-22	1553	0	0	0	0	0	0
5-24	1286	19	17	2	0	0	0
5-26	--	--	--	--	--	--	--
5-27	41++	0	0	0	0	0	0
5-28	1042	1	0	1	0	0	0
5-29	--	--	--	--	--	--	--
5-30	724	3	0	1	0	2	0
6-01	31++	0	0	0	0	0	0
6-03	235+	5	2	2	1	0	0
6-05	147	5	0	5	0	0	0
6-07	535	8	5	3	0	0	0
6-09	1049	6	1	5	0	0	0
6-10	1192	7	2	5	0	0	0
6-11	1011	8	3	4	0	1	0
6-12	419	11	5	6	0	0	0
6-13	841	2	0	2	0	0	0
6-14	612	11	4	6	1	0	0
6-15	3832	11	3	6	2	0	0
6-16	1042	12	2	7	2	1	0
6-17	588	13	2	10	1	0	0
6-18	520	8	4	4	0	0	0
6-19	1603	13	1	10	2	0	0
6-20	391	6	0	1	5	0	0
6-21	1253	12	2	7	2	1	0
6-22	--	--	--	--	--	--	--
6-23	265	8	4	2	2	0	0
6-25	651	13	5	6	2	0	0
6-27	870	20	7	10	2	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1396(4)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	331	0	0	0	0	0	
5-19	318	3	3	0	0	0	
5-21	1166	2	2	0	0	0	
5-22	589	0	0	0	0	0	
5-24	1626	4	2	2	0	0	
5-26	--	--	--	--	--	--	
5-27	232	3	3	0	0	0	
5-28	439	2	0	2	0	0	
5-29	--	--	--	--	--	--	
5-30	398	5	0	5	0	0	
6-01	178	0	0	0	0	0	
6-03	472	5	0	4	1	0	
6-05	407	1	1	0	0	0	
6-07	532	5	2	1	2	0	
6-09	493	7	5	2	0	0	
6-10	2231	2	1	0	1	0	
6-11	1028	9	3	4	1	0	
6-12	467	5	1	3	1	0	
6-13	651	3	0	2	1	0	
6-14	2493	3	0	3	0	0	
6-15	1830	8	2	5	1	0	
6-16	1400	10	4	5	1	0	
6-17	751	17	8	7	2	0	
6-18	1513	9	1	5	2	1	
6-19	1126	4	0	3	1	0	
6-20	432	7	1	5	1	0	
6-21	855	9	0	6	1	2	
6-22	--	--	--	--	--	--	
6-23	754	6	0	4	1	1	
6-25	487	8	2	5	0	1	
6-27	1773	15	2	8	3	2	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1400(5)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	37+++	0	0	0	0	0	0
5-22	352	3	3	0	0	0	0
5-24	1306	10	10	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	362	0	0	0	0	0	0
5-28	87+	7	7	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	0+++	0	0	0	0	0	0
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	0+++	0	0	0	0	0	0
6-09	1103	4	0	3	1	0	0
6-10	877	9	7	2	0	0	0
6-11	867	10	3	6	1	0	0
6-12	371	26	13	13	0	0	0
6-13	1218	9	2	5	2	0	0
6-14	1182	18	3	13	2	0	0
6-15	2624	13	3	8	2	0	0
6-16	620	19	8	11	0	0	0
6-17	1053	17	4	10	3	0	0
6-18	799	9	3	2	4	0	0
6-19	1020	19	8	10	1	0	0
6-20	351	12	6	4	2	0	0
6-21	2623	17	1	10	5	1	0
6-22	--	--	--	--	--	--	--
6-23	908	7	1	6	0	0	0
6-25	265	24	5	18	0	1	0
6-27	1030	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1425(4)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	55++	0	0	0	0	0	0
5-19	500	5	5	0	0	0	0
5-21	404	0	0	0	0	0	0
5-22	1002	0	0	0	0	0	0
5-24	1445	1	0	1	0	0	0
5-26	--	--	--	--	--	--	--
5-27	156+	1	1	0	0	0	0
5-28	589	1	0	1	0	0	0
5-29	--	--	--	--	--	--	--
5-30	85+	2	0	0	2	0	0
6-01	793	1	0	1	0	0	0
6-03	193+	2	0	2	0	0	0
6-05	209	1	0	1	0	0	0
6-07	935	5	0	5	0	0	0
6-09	621	2	2	0	0	0	0
6-10	1337	8	3	5	0	0	0
6-11	257	6	4	2	0	0	0
6-12	181	4	0	2	1	1	0
6-13	126	1	0	1	0	0	0
6-14	1223	7	3	3	1	0	0
6-15	197	16	5	10	1	0	0
6-16	146	5	1	2	2	0	0
6-17	177	3	2	1	0	0	0
6-18	807	7	2	4	1	0	0
6-19	186	7	2	5	0	0	0
6-20	368	6	0	4	1	1	0
6-21	228	18	3	13	2	0	0
6-22	--	--	--	--	--	--	--
6-23	258	19	11	8	0	0	0
6-25	212	14	3	10	1	0	0
6-27	664	14	3	7	3	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1481

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	17++	0	0	0	0	0	0
5-19	320	5	2	3	0	0	0
5-21	329	4	3	1	0	0	0
5-22	2322	5	5	0	0	0	0
5-24	3171	7	5	1	1	0	0
5-26	--	--	--	--	--	--	--
5-27	436	2	0	2	0	0	0
5-28	295	5	0	5	0	0	0
5-29	--	--	--	--	--	--	--
5-30	436	3	1	1	1	0	0
6-01	187+	8	3	5	0	0	0
6-03	235	6	2	3	1	0	0
6-05	197	5	0	2	3	0	0
6-07	389	5	1	4	0	0	0
6-09	2148	4	1	3	0	0	0
6-10	2785	11	3	7	0	1	0
6-11	1497	6	1	4	1	0	0
6-12	685	17	6	10	1	0	0
6-13	767	10	3	7	0	0	0
6-14	1433	5	3	1	1	0	0
6-15	2451	13	1	8	4	0	0
6-16	824	10	4	1	5	0	0
6-17	674	8	1	5	1	1	0
6-18	2022	16	2	8	5	1	0
6-19	1665	11	0	2	7	2	0
6-20	1146	11	1	5	3	2	0
6-21	1233	15	3	7	4	0	1
6-22	--	--	--	--	--	--	--
6-23	776	14	1	8	4	1	0
6-25	1216	21	2	11	7	1	0
6-27	1479	29	5	23	1	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1481(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	177+	0	0	0	0	0	0
5-22	468	3	1	2	0	0	0
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	0+++	0	0	0	0	0	0
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	385	6	3	3	0	0	0
6-10	3194	17	8	8	1	0	0
6-11	1611	10	1	6	3	0	0
6-12	345	11	0	5	6	0	0
6-13	1365	8	2	5	1	0	0
6-14	2335	7	0	4	3	0	0
6-15	1054	30	5	23	2	0	0
6-16	184	5	1	2	1	1	0
6-17	360	32	7	19	6	0	0
6-18	2209	22	6	14	1	1	0
6-19	827	14	0	11	3	0	0
6-20	1600	11	3	6	1	1	0
6-21	1029	26	8	16	2	0	0
6-22	--	--	--	--	--	--	--
6-23	465	25	5	13	5	2	0
6-25	347	21	4	13	3	1	0
6-27	1109	27	7	16	2	2	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1533

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	72++	3	3	0	0	0	0
5-19	22+++	0	0	0	0	0	0
5-21	256	7	6	1	0	0	0
5-22	2210	3	3	0	0	0	0
5-24	1455	9	7	2	0	0	0
5-26	--	--	--	--	--	--	--
5-27	1139	6	1	3	1	1	0
5-28	1385	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	249	8	1	5	2	0	0
6-01	452	6	2	4	0	0	0
6-03	169	0	0	0	0	0	0
6-05	521	6	1	3	1	0	1
6-07	342	5	1	1	3	0	0
6-09	979	9	6	3	0	0	0
6-10	4669	8	3	3	2	0	0
6-11	1344	4	1	2	1	0	0
6-12	1319	10	4	5	0	1	0
6-13	3564	17	3	11	3	0	0
6-14	3557	7	1	4	1	1	0
6-15	2663	10	1	5	3	1	0
6-16	--	--	--	--	--	--	--
6-17	2076	15	5	8	1	1	0
6-18	4222	15	3	9	3	0	0
6-19	745	15	3	8	2	2	0
6-20	1383	23	7	14	2	0	0
6-21	2034	17	3	11	1	2	0
6-22	--	--	--	--	--	--	--
6-23	1253	9	1	5	3	0	0
6-25	1756	16	0	10	5	1	0
6-27	3070	24	3	15	5	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	1043	14	2	6	4	2	0
7-05	1247	13	2	4	6	1	0
7-07	81+	1	0	1	0	0	0

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1573

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	0+++	0	0	0	0	0	0
5-19	109+++	0	0	0	0	0	0
5-21	223	14	13	1	0	0	0
5-22	5886	3	3	0	0	0	0
5-24	3327	3	2	1	0	0	0
5-26	--	--	--	--	--	--	--
5-27	1058	2	0	2	0	0	0
5-28	102+	1	0	1	0	0	0
5-29	--	--	--	--	--	--	--
5-30	471	7	2	5	0	0	0
6-01	93+	3	0	3	0	0	0
6-03	110+	8	1	7	0	0	0
6-05	45+++	0	0	0	0	0	0
6-07	59+++	5	0	5	0	0	0
6-09	2507	8	4	3	1	0	0
6-10	2398	18	6	10	2	0	0
6-11	1189	9	4	4	1	0	0
6-12	4094	17	5	10	2	0	0
6-13	3490	9	1	6	2	0	0
6-14	5136	14	4	8	2	0	0
6-15	1507	10	1	6	2	1	0
6-16	--	--	--	--	--	--	--
6-17	5589	16	2	10	3	1	0
6-18	3202	11	1	6	4	0	0
6-19	1359	23	2	14	6	0	1
6-20	4272	8	1	5	1	0	1
6-21	3339	19	5	10	3	1	0
6-22	--	--	--	--	--	--	--
6-23	1849	13	2	5	3	2	1
6-25	2192	28	6	21	1	0	0
6-27	2560	22	3	13	5	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	269	17	4	7	4	2	0
7-07	393	15	3	9	2	1	0

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1610

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	25++	0	0	0	0	0	0
5-19	312	13	12	1	0	0	0
5-21	1752	5	3	2	0	0	0
5-22	4024	4	3	1	0	0	0
5-24	2137	10	7	3	0	0	0
5-26	--	--	--	--	--	--	--
5-27	189+	12	1	11	0	0	0
5-28	1153	6	1	2	3	0	0
5-29	--	--	--	--	--	--	--
5-30	76+	4	0	1	3	0	0
6-01	286	3	0	3	0	0	0
6-03	162+	0	0	0	0	0	0
6-05	92+	3	0	0	1	2	0
6-07	1082	9	0	7	2	0	0
6-09	2704	7	1	5	1	0	0
6-10	7137	15	2	11	1	1	0
6-11	4062	15	4	8	3	0	0
6-12	1592	14	4	6	3	1	0
6-13	1856	4	1	1	2	0	0
6-14	2864	13	3	8	2	0	0
6-15	3503	16	1	11	3	1	0
6-16	--	--	--	--	--	--	--
6-17	4084	19	3	10	5	1	0
6-18	2445	18	2	10	5	1	0
6-19	1694	16	2	11	2	1	0
6-20	1253	27	6	15	5	1	0
6-21	2001	25	3	19	3	0	0
6-22	--	--	--	--	--	--	--
6-23	1393	21	2	14	5	0	0
6-25	553	28	7	16	2	3	0
6-27	1604	29	4	19	6	0	0
6-29	--	--	--	--	--	--	--
7-01	1661	20	2	11	6	1	0
7-03	--	--	--	--	--	--	--
7-05	374+	19	3	14	1	1	0
7-07	6+++	0	0	0	0	0	0

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1662

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	199	11	8	3	0	0	0
5-19	282+	9	7	2	0	0	0
5-21	677	4	2	2	0	0	0
5-22	1722	3	1	2	0	0	0
5-24	5059	13	11	2	0	0	0
5-26	--	--	--	--	--	--	--
5-27	1077	19	5	9	4	1	0
5-28	910	13	0	9	4	0	0
5-29	--	--	--	--	--	--	--
5-30	365	19	3	10	6	0	0
6-01	144+	2	0	0	2	0	0
6-03	280	21	2	16	3	0	0
6-05	96+	10	2	7	1	0	0
6-07	393	21	9	10	2	0	0
6-09	3919	14	2	9	3	0	0
6-10	1830	10	6	2	2	0	0
6-11	490	15	1	9	5	0	0
6-12	2588	21	2	14	3	2	0
6-13	1221	21	3	14	4	0	0
6-14	1830	22	2	16	4	0	0
6-15	1372	24	5	11	7	1	0
6-16	--	--	--	--	--	--	--
6-17	3344	16	1	13	2	0	0
6-18	3394	16	1	11	4	0	0
6-19	3121	26	1	17	8	0	0
6-20	1823	11	5	6	0	0	0
6-21	3246	20	2	12	6	0	0
6-22	--	--	--	--	--	--	--
6-23	2408	17	0	16	1	0	0
6-25	2133	15	1	10	3	1	0
6-27	2454	29	3	23	3	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1695

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	191+	11	5	6	0	0	0
5-19	158+	6	3	3	0	0	0
5-21	3357	29	20	8	1	0	0
5-22	5239	8	2	5	1	0	0
5-24	6226	17	3	14	0	0	0
5-26	--	--	--	--	--	--	--
5-27	202	17	2	11	3	1	0
5-28	403	26	2	22	2	0	0
5-29	--	--	--	--	--	--	--
5-30	67++	13	3	9	1	0	0
6-01	22++	9	0	9	0	0	0
6-03	25++	8	0	8	0	0	0
6-05	50++	10	0	10	0	0	0
6-07	300	37	17	19	1	0	0
6-09	3922	21	3	15	3	0	0
6-10	4128	18	2	15	1	0	0
6-11	3102	29	8	21	0	0	0
6-12	2957	17	0	13	4	0	0
6-13	2864	14	1	7	5	1	0
6-14	7796	14	0	12	2	0	0
6-15	6608	10	0	5	5	0	0
6-16	--	--	--	--	--	--	--
6-17	2172	17	1	12	4	0	0
6-18	1774	15	3	12	0	0	0
6-19	8146	8	0	6	2	0	0
6-20	8676	22	2	16	4	0	0
6-21	5780	21	1	10	9	1	0
6-22	--	--	--	--	--	--	--
6-23	4387	12	1	4	4	3	0
6-25	2589	14	0	7	7	0	0
6-27	1937	21	2	15	2	2	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1730

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	42++	7	0	5	2	0	0
5-19	411	44	35	8	1	0	0
5-21	1942	12	7	5	0	0	0
5-22	3183	14	7	5	2	0	0
5-24	2906	31	3	22	5	1	0
5-26	--	--	--	--	--	--	--
5-27	467	16	2	12	1	1	0
5-28	32++	3	0	3	0	0	0
5-29	--	--	--	--	--	--	--
5-30	18++	0	0	0	0	0	0
6-01	0+++	0	0	0	0	0	0
6-03	23++	9	0	9	0	0	0
6-05	8+++	0	0	0	0	0	0
6-07	922	24	9	13	2	0	0
6-09	1693	13	2	10	0	1	0
6-10	2532	16	2	13	1	0	0
6-11	8766	21	1	10	10	0	0
6-12	1893	30	3	25	2	0	0
6-13	2690	14	2	6	5	1	0
6-14	3680	28	2	20	4	2	0
6-15	1568	10	0	5	3	2	0
6-16	--	--	--	--	--	--	--
6-17	1568	15	0	14	1	0	0
6-18	4989	18	2	12	4	0	0
6-19	4585	18	0	11	7	0	0
6-20	5776	13	0	7	4	2	0
6-21	1653	6	0	1	5	0	0
6-22	--	--	--	--	--	--	--
6-23	1698	17	0	12	5	0	0
6-25	1300	6	1	2	3	0	0
6-27	2285	17	0	10	4	3	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1766

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	505	25	7	18	0	0	0
5-19	1355	12	5	7	0	0	0
5-21	1588	12	6	6	0	0	0
5-22	3585	15	8	6	1	0	0
5-24	6386	10	2	8	0	0	0
5-26	---	---	---	---	---	---	---
5-27	152+	12	2	8	2	0	0
5-28	78+	28	12	16	0	0	0
5-29	17+++	0	0	0	0	0	0
5-30	15+++	7	7	0	0	0	0
6-01	74++	26	4	19	3	0	0
6-03	354	42	8	32	2	0	0
6-05	349	37	15	19	3	0	0
6-07	630	18	2	11	4	1	0
6-09	1104	13	1	7	5	0	0
6-10	6609	12	1	8	3	0	0
6-11	6272	22	5	14	3	0	0
6-12	5793	15	0	11	2	2	0
6-13	1769	8	1	1	5	1	0
6-14	3874	27	1	18	8	0	0
6-15	4197	15	2	10	2	1	0
6-16	---	---	---	---	---	---	---
6-17	1338	13	0	12	1	0	0
6-18	2494	15	0	12	3	0	0
6-19	4630	21	1	12	6	2	0
6-20	4529	18	0	8	10	0	0
6-21	3319	12	0	3	9	0	0
6-22	---	---	---	---	---	---	---
6-23	2870	21	1	13	7	0	0
6-25	2131	17	0	8	5	1	3
6-27	1767	21	0	14	6	1	0
6-29	---	---	---	---	---	---	---
7-01	---	---	---	---	---	---	---
7-03	---	---	---	---	---	---	---
7-05	---	---	---	---	---	---	---
7-07	---	---	---	---	---	---	---

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1800

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	1300	6	1	3	2	0	0
5-19	152	7	3	4	0	0	0
5-21	420	35	25	10	0	0	0
5-22	1243	24	14	10	0	0	0
5-24	2871	21	1	11	9	0	0
5-26	--	--	--	--	--	--	--
5-27	866	27	7	19	1	0	0
5-28	1008	24	5	17	2	0	0
5-29	--	--	--	--	--	--	--
5-30	132	32	8	23	0	1	0
6-01	575	33	11	21	1	0	0
6-03	91++	9	0	9	0	0	0
6-05	385	45	12	30	3	0	0
6-07	514	16	5	7	4	0	0
6-09	1354	13	3	8	2	0	0
6-10	3791	7	1	4	2	0	0
6-11	6242	14	1	5	3	5	0
6-12	3693	21	5	12	3	1	0
6-13	2782	16	0	11	2	3	0
6-14	1616	20	3	16	1	0	0
6-15	1843	36	3	28	3	1	1
6-16	--	--	--	--	--	--	--
6-17	1908	30	2	21	7	0	0
6-18	3679	25	2	17	5	1	0
6-19	2045	22	2	19	1	0	0
6-20	3961	15	0	14	1	0	0
6-21	3071	13	0	8	1	4	0
6-22	--	--	--	--	--	--	--
6-23	4646	16	0	8	5	3	0
6-25	4199	21	0	10	6	5	0
6-27	2148	25	0	15	8	2	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1830

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	131+	7	0	5	2	0	0
5-19	249+	26	13	12	1	0	0
5-21	533	63	50	10	3	0	0
5-22	2592	27	15	12	0	0	0
5-24	5459	15	1	7	6	1	0
5-26	--	--	--	--	--	--	--
5-27	428	42	18	21	2	1	0
5-28	289	39	13	24	2	0	0
5-29	--	--	--	--	--	--	--
5-30	116	0	0	0	0	0	0
6-01	27++	19	4	15	0	0	0
6-03	15+++	7	7	0	0	0	0
6-05	12+++	0	0	0	0	0	0
6-07	83+	23	5	17	1	0	0
6-09	2040	36	9	25	2	0	0
6-10	5918	21	2	14	4	1	0
6-11	1623	18	1	9	6	2	0
6-12	3014	21	1	16	4	0	0
6-13	706	21	1	16	4	0	0
6-14	2159	19	2	10	7	0	0
6-15	5217	26	2	17	5	2	0
6-16	--	--	--	--	--	--	--
6-17	661	19	1	11	7	0	0
6-18	2528	18	0	13	5	0	0
6-19	4246	19	0	9	6	4	0
6-20	4132	18	0	11	5	2	0
6-21	3768	16	4	7	4	0	1
6-22	--	--	--	--	--	--	--
6-23	4215	20	3	8	5	4	0
6-25	4124	22	0	10	12	0	0
6-27	2146	18	0	10	6	2	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 15.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

- (1) PINK TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 3047 ON MAY 18, 1979.
- (2) REPRESENTS TOTAL MASS, IN GRAMS, RETAINED IN BEDLOAD SAMPLER AS MEASURED IN THE FIELD. FOR SUBSEQUENT ANALYSIS OF NUMBER AND SIZE OF TRACER, PARTICLES SMALLER THAN 0.25 MM AND LARGER THAN 8.0 MM WERE DISCARDED. REMAINING SAMPLES WEIGHING MORE THAN 100 GRAMS WERE CUT TO A STANDARD 100 GRAM-PORTION; SAMPLES WEIGHING LESS THAN 100 GRAMS WERE ANALYZED INTACT.
- (3) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.
- (4) DOES NOT INCLUDE TRACER PARTICLES MEASURED IN TRANSPORT AT SECTION 1400, A BYPASS CHANNEL COMMON TO SECTIONS 1360, 1396, AND 1425. SEE FIGURE 3.
- (5) BYPASS CHANNEL. SEE FIGURE 3.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE NOT CONSIDERED RELIABLE.

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0043

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	59++	0	0	0	0	0	
5-19	75++	1	1	0	0	0	
5-21	54+	7	6	1	0	0	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	371	3	1	2	0	0	
5-27	84+	2	0	2	0	0	
5-28	28++	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	5+++	0	0	0	0	0	
6-01	81++	4	1	3	0	0	
6-03	0+++	0	0	0	0	0	
6-05	0+++	0	0	0	0	0	
6-07	11+++	0	0	0	0	0	
6-09	303	6	2	3	1	0	
6-10	3071	11	5	6	0	0	
6-11	3889	4	0	2	2	0	
6-12	2659	11	1	9	1	0	
6-13	1640	6	1	5	0	0	
6-14	1030	14	1	9	2	2	
6-15	984	6	2	4	0	0	
6-16	--	--	--	--	--	--	
6-17	383	9	3	5	1	0	
6-18	320	18	3	13	2	0	
6-19	1123	19	1	12	5	1	
6-20	271	6	0	6	0	0	
6-21	764	9	0	6	3	0	
6-22	--	--	--	--	--	--	
6-23	585	26	7	15	3	1	
6-25	1008	10	3	3	4	0	
6-27	486	21	0	13	7	1	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0075

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	161+	8	7	1	0	0	0
5-19	346	10	10	0	0	0	0
5-21	1581	8	4	4	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	51+	2	2	0	0	0	0
5-27	127+	0	0	0	0	0	0
5-28	127	0	0	0	0	0	0
5-29	237	18	3	15	0	0	0
5-30	19+++	0	0	0	0	0	0
6-01	1907	2	1	1	0	0	0
6-03	900	7	2	5	0	0	0
6-05	283	3	0	3	0	0	0
6-07	742	0	0	0	0	0	0
6-09	1650	12	2	8	2	0	0
6-10	3128	4	1	3	0	0	0
6-11	1416	6	2	3	1	0	0
6-12	2786	0	0	0	0	0	0
6-13	1735	22	10	12	0	0	0
6-14	1897	12	3	7	2	0	0
6-15	651	15	4	10	1	0	0
6-16	--	--	--	--	--	--	--
6-17	900	14	4	8	2	0	0
6-18	1969	24	2	18	4	0	0
6-19	2818	16	1	14	1	0	0
6-20	5583	17	3	12	2	0	0
6-21	4777	14	1	10	0	3	0
6-22	--	--	--	--	--	--	--
6-23	1409	6	2	3	1	0	0
6-25	1558	12	3	5	3	0	1
6-27	2302	11	0	6	3	2	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0137

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	225	9	8	1	0	0	0
5-19	56+++	0	0	0	0	0	0
5-21	113++	7	5	2	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1360	4	1	1	2	0	0
5-27	1794	0	0	0	0	0	0
5-28	135	3	3	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	99+	4	2	2	0	0	0
6-01	41++	2	0	2	0	0	0
6-03	73++	4	0	0	4	0	0
6-05	0+++	0	0	0	0	0	0
6-07	588	9	1	5	3	0	0
6-09	1099	16	4	12	0	0	0
6-10	1907	15	0	12	3	0	0
6-11	1139	18	4	10	4	0	0
6-12	517	8	0	4	3	1	0
6-13	1648	7	1	5	1	0	0
6-14	3009	12	3	7	2	0	0
6-15	2497	10	3	7	0	0	0
6-16	--	--	--	--	--	--	--
6-17	3116	20	3	15	2	0	0
6-18	3204	17	0	14	2	1	0
6-19	2346	20	0	15	5	0	0
6-20	2042	10	2	7	1	0	0
6-21	3752	19	1	13	5	0	0
6-22	--	--	--	--	--	--	--
6-23	2398	18	0	14	2	2	0
6-25	3614	28	6	15	6	1	0
6-27	4050	26	3	11	10	2	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0178

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	335	8	8	0	0	0	0
5-19	1172	12	6	6	0	0	0
5-21	430	17	11	6	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	2416	2	2	0	0	0	0
5-27	677	3	1	2	0	0	0
5-28	446	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	470	4	0	3	1	0	0
6-01	521	10	1	2	7	0	0
6-03	18++	0	0	0	0	0	0
6-05	689	12	3	8	1	0	0
6-07	1624	21	1	19	1	0	0
6-09	2378	16	0	11	3	2	0
6-10	6609	8	1	4	3	0	0
6-11	4737	14	3	5	5	1	0
6-12	1694	10	1	6	3	0	0
6-13	5416	8	4	4	0	0	0
6-14	3955	10	3	4	3	0	0
6-15	3251	17	2	9	6	0	0
6-16	--	--	--	--	--	--	--
6-17	1273	20	3	11	5	1	0
6-18	3439	20	4	11	4	1	0
6-19	3696	24	2	16	6	0	0
6-20	5908	16	0	12	2	2	0
6-21	5074	17	5	5	6	1	0
6-22	--	--	--	--	--	--	--
6-23	4771	18	3	11	3	1	0
6-25	1510	7	2	4	1	0	0
6-27	3035	21	0	9	11	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0220

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	144+	5	0	5	0	0	0
5-19	512	18	9	9	0	0	0
5-21	5907	15	9	6	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	871	0	0	0	0	0	0
5-27	83+	4	0	4	0	0	0
5-28	673	2	0	1	1	0	0
5-29	--	--	--	--	--	--	--
5-30	150+	7	2	5	0	0	0
6-01	44++	7	0	0	7	0	0
6-03	67++	3	0	3	0	0	0
6-05	569	25	3	18	4	0	0
6-07	758	19	2	11	6	0	0
6-09	4213	13	0	6	5	2	0
6-10	6882	9	2	6	1	0	0
6-11	5760	10	4	3	2	1	0
6-12	3938	8	2	4	2	0	0
6-13	4401	14	6	5	3	0	0
6-14	5375	13	3	9	1	0	0
6-15	241	25	13	11	1	0	0
6-16	--	--	--	--	--	--	--
6-17	946	21	3	13	5	0	0
6-18	3574	20	3	8	9	0	0
6-19	6083	26	2	14	9	1	0
6-20	6451	9	0	2	6	1	0
6-21	3627	18	0	11	7	0	0
6-22	--	--	--	--	--	--	--
6-23	1357	41	9	20	11	1	0
6-25	3244	29	7	17	4	1	0
6-27	1327	13	2	8	1	2	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION C257

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	119+	24	10	14	0	0	0
5-19	697	19	13	6	0	0	0
5-21	3491	7	4	3	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	183	7	4	3	0	0	0
5-27	113	8	0	2	5	1	0
5-28	42++	7	5	0	2	0	0
5-29	--	--	--	--	--	--	--
5-30	74+	9	0	4	5	0	0
6-01	90++	9	1	8	0	0	0
6-03	697	23	0	19	4	0	0
6-05	1516	18	1	10	6	1	0
6-07	645	14	1	10	3	0	0
6-09	3432	9	2	7	0	0	0
6-10	5300	6	0	5	1	0	0
6-11	2534	5	1	4	0	0	0
6-12	3148	17	5	10	2	0	0
6-13	3296	10	3	7	0	0	0
6-14	1846	6	2	3	1	0	0
6-15	2370	7	1	4	2	0	0
6-16	799	19	6	12	1	0	0
6-17	1076	20	3	11	6	0	0
6-18	2889	15	0	8	6	1	0
6-19	4435	28	1	17	9	1	0
6-20	7086	10	1	5	3	1	0
6-21	2965	12	2	8	2	0	0
6-22	--	--	--	--	--	--	--
6-23	1826	0	0	0	0	0	0
6-25	2479	29	10	18	1	0	0
6-27	4340	13	0	9	4	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0257(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	314	0	0	0	0	0	0
6-10	820	7	4	2	1	0	0
6-11	--	--	--	--	--	--	--
6-12	1057	27	6	20	1	0	0
6-13	528	33	15	16	2	0	0
6-14	634	34	14	20	0	0	0
6-15	588	27	12	15	0	0	0
6-16	--	--	--	--	--	--	--
6-17	--	--	--	--	--	--	--
6-18	276	40	12	26	2	0	0
6-19	1102	41	1	38	1	1	0
6-20	298	26	7	18	1	0	0
6-21	287	26	4	18	4	0	0
6-22	--	--	--	--	--	--	--
6-23	--	--	--	--	--	--	--
6-25	598	31	6	22	3	0	0
6-27	320	25	5	19	0	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0301

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	123+	15	5	10	0	0	0
5-19	1905	11	6	5	0	0	0
5-21	1771	6	2	3	1	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	208+	2	0	0	2	0	0
5-27	469	5	1	2	2	0	0
5-28	701	14	3	4	6	1	0
5-29	583	11	2	6	3	0	0
5-30	716	8	1	5	2	0	0
6-01	76+	20	1	15	4	0	0
6-03	1319	21	1	15	5	0	0
6-05	334	16	5	10	1	0	0
6-07	360	26	6	19	1	0	0
6-09	2585	16	2	11	3	0	0
6-10	4703	9	0	4	5	0	0
6-11	4006	9	4	4	1	0	0
6-12	708	15	4	9	2	0	0
6-13	1831	13	5	7	1	0	0
6-14	2650	27	6	18	2	1	0
6-15	1594	24	7	14	3	0	0
6-16	1134	12	1	9	2	0	0
6-17	2169	12	2	5	4	1	0
6-18	3222	12	1	5	5	1	0
6-19	1122	17	0	10	7	0	0
6-20	1371	10	0	7	3	0	0
6-21	2293	15	0	9	6	0	0
6-22	--	--	--	--	--	--	--
6-23	2046	23	1	17	5	0	0
6-25	1137	8	1	2	0	5	0
6-27	2918	23	1	14	7	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0301(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	---	---	---	---	---	---	---
5-19	---	---	---	---	---	---	---
5-21	---	---	---	---	---	---	---
5-22	---	---	---	---	---	---	---
5-24	---	---	---	---	---	---	---
5-26	---	---	---	---	---	---	---
5-27	---	---	---	---	---	---	---
5-28	---	---	---	---	---	---	---
5-29	---	---	---	---	---	---	---
5-30	---	---	---	---	---	---	---
6-01	---	---	---	---	---	---	---
6-03	---	---	---	---	---	---	---
6-05	---	---	---	---	---	---	---
6-07	---	---	---	---	---	---	---
6-09	410	14	5	8	1	0	0
6-10	749	22	9	13	0	0	0
6-11	1836	10	3	6	1	0	0
6-12	1121	17	1	14	2	0	0
6-13	2235	19	6	10	3	0	0
6-14	846	34	11	14	9	0	0
6-15	455	48	17	30	1	0	0
6-16	---	---	---	---	---	---	---
6-17	---	---	---	---	---	---	---
6-18	837	47	7	37	3	0	0
6-19	827	34	2	27	5	0	0
6-20	61+++	38	5	25	6	2	0
6-21	965	40	3	32	5	0	0
6-22	---	---	---	---	---	---	---
6-23	290	39	5	31	3	0	0
6-25	374	32	11	21	0	0	0
6-27	149	30	4	23	3	0	0
6-29	---	---	---	---	---	---	---
7-01	---	---	---	---	---	---	---
7-03	---	---	---	---	---	---	---
7-05	---	---	---	---	---	---	---
7-07	---	---	---	---	---	---	---

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0348

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	1385	3	0	3	0	0	0
5-19	719	7	4	3	0	0	0
5-21	1217	3	3	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	471	9	4	4	1	0	0
5-27	1592	4	0	2	2	0	0
5-28	1893	8	3	5	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1540	27	3	19	5	0	0
6-01	872	18	3	13	2	0	0
6-03	407	30	8	17	5	0	0
6-05	701	25	4	18	2	1	0
6-07	214	25	3	16	6	0	0
6-09	1115	20	3	14	3	0	0
6-10	1871	7	1	3	2	1	0
6-11	2608	8	6	1	1	0	0
6-12	218	3	0	3	0	0	0
6-13	1290	38	14	22	1	1	0
6-14	6798	25	2	19	3	1	0
6-15	3561	26	3	14	4	5	0
6-16	1007	33	3	22	7	1	0
6-17	4185	23	4	12	7	0	0
6-18	7816	17	0	10	4	3	0
6-19	5678	22	1	10	11	0	0
6-20	2601	16	1	8	6	1	0
6-21	2274	28	1	19	8	0	0
6-22	--	--	--	--	--	--	--
6-23	1858	26	1	18	7	0	0
6-25	3862	8	1	5	1	1	0
6-27	2790	14	2	8	4	0	0
6-29	2728	27	4	18	4	1	0
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0421

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	242	11	6	5	0	0	0
5-19	777	18	6	10	2	0	0
5-21	612	19	8	11	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	3173	14	0	6	8	0	0
5-27	896	7	2	3	2	0	0
5-28	561	5	0	1	3	1	0
5-29	--	--	--	--	--	--	--
5-30	277	17	5	12	0	0	0
6-01	563	29	6	22	1	0	0
6-03	384	14	3	10	1	0	0
6-05	88+	2	0	2	0	0	0
6-07	376	29	7	18	4	0	0
6-09	958	11	2	7	2	0	0
6-10	4947	25	12	11	1	1	0
6-11	4214	25	1	22	2	0	0
6-12	2586	21	3	16	2	0	0
6-13	5444	25	3	13	8	1	0
6-14	4647	32	2	22	7	0	1
6-15	4003	13	1	5	7	0	0
6-16	3030	18	1	9	5	3	0
6-17	3022	19	3	11	2	3	0
6-18	1824	30	3	22	5	0	0
6-19	1450	20	4	8	4	3	1
6-20	2879	23	10	11	1	1	0
6-21	9086	21	3	9	7	2	0
6-22	--	--	--	--	--	--	--
6-23	1446	15	2	8	5	0	0
6-25	3306	16	1	12	3	0	0
6-27	1800	25	3	18	3	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0460

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	233	10	3	6	1	0	0
5-19	104++	4	0	3	1	0	0
5-21	153+	17	9	8	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1436	16	1	12	3	0	0
5-27	39++	0	0	0	0	0	0
5-28	190+	4	0	0	4	0	0
5-29	--	--	--	--	--	--	--
5-30	16++	6	0	0	6	0	0
6-01	25++	12	0	8	0	4	0
6-03	10+++	0	0	0	0	0	0
6-05	24++	4	0	0	4	0	0
6-07	43++	0	0	0	0	0	0
6-09	2147	11	0	7	3	1	0
6-10	6109	16	7	6	0	3	0
6-11	8822	26	4	21	1	0	0
6-12	7920	23	1	11	11	0	0
6-13	3616	20	1	7	10	2	0
6-14	4080	13	0	3	8	2	0
6-15	2730	15	0	12	2	1	0
6-16	--	--	--	--	--	--	--
6-17	952	21	1	11	8	1	0
6-18	1870	10	1	4	3	2	0
6-19	2636	13	2	5	5	1	0
6-20	2850	24	14	7	3	0	0
6-21	4894	17	2	11	2	2	0
6-22	--	--	--	--	--	--	--
6-23	1697	33	5	21	6	1	0
6-25	1719	11	3	6	1	1	0
6-27	2173	27	10	12	5	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0516

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	238	30	6	22	2	0	0
5-19	104++	10	3	6	1	0	0
5-21	3254	27	9	17	1	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1122	19	2	9	8	0	0
5-27	45++	2	0	0	2	0	0
5-28	177+	10	4	3	3	0	0
5-29	--	--	--	--	--	--	--
5-30	40++	18	0	8	10	0	0
6-01	17+++	12	6	6	0	0	0
6-03	5+++	20	0	20	0	0	0
6-05	20+++	5	0	5	0	0	0
6-07	43++	2	0	2	0	0	0
6-09	3573	6	3	3	0	0	0
6-10	5819	14	4	8	2	0	0
6-11	7742	25	0	19	4	2	0
6-12	4199	21	1	5	12	3	0
6-13	2145	19	2	8	6	3	0
6-14	8739	9	1	6	2	0	0
6-15	2323	18	3	7	6	2	0
6-16	--	--	--	--	--	--	--
6-17	739	9	2	5	1	1	0
6-18	3247	14	0	9	5	0	0
6-19	4233	19	3	10	5	1	0
6-20	3247	26	14	12	0	0	0
6-21	3537	25	4	14	5	2	0
6-22	--	--	--	--	--	--	--
6-23	1833	18	0	15	3	0	0
6-25	2312	25	4	16	4	1	0
6-27	1577	28	3	19	5	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0556

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	12+++	8	0	8	0	0	0
5-19	272	39	9	24	6	0	0
5-21	1800	26	5	19	1	1	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	840	8	2	4	2	0	0
5-27	58+	12	2	8	2	0	0
5-28	207	12	6	5	1	0	0
5-29	--	--	--	--	--	--	--
5-30	62++	13	3	8	2	0	0
6-01	77++	6	0	6	0	0	0
6-03	53++	11	2	7	2	0	0
6-05	93+	8	3	3	2	0	0
6-07	103+	24	7	16	1	0	0
6-09	5100	36	7	22	5	2	0
6-10	5747	31	3	21	7	0	0
6-11	2974	24	3	11	8	2	0
6-12	9117	19	0	12	7	0	0
6-13	3194	8	3	2	3	0	0
6-14	3427	8	0	5	2	1	0
6-15	1217	18	3	13	2	0	0
6-16	--	--	--	--	--	--	--
6-17	1354	34	11	22	1	0	0
6-18	3938	19	2	14	2	1	0
6-19	2389	22	2	17	2	1	0
6-20	5650	27	7	17	1	2	0
6-21	2083	19	0	11	7	1	0
6-22	--	--	--	--	--	--	--
6-23	3676	10	4	4	2	0	0
6-25	872	18	9	7	1	1	0
6-27	2150	33	9	18	5	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0602

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	136	46	15	26	5	0	0
5-19	1010	41	7	19	15	0	0
5-21	1054	23	4	18	1	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1299	16	1	10	5	0	0
5-27	167+	32	14	17	1	0	0
5-28	112	24	4	20	0	0	0
5-29	--	--	--	--	--	--	--
5-30	474	36	23	12	1	0	0
6-01	56+	118	39	72	1	6	0
6-03	162+	27	10	15	2	0	0
6-05	921	50	26	22	2	0	0
6-07	1320	46	15	28	2	1	0
6-09	5773	32	4	20	8	0	0
6-10	4233	39	8	25	5	1	0
6-11	5076	14	1	4	7	2	0
6-12	2864	13	2	7	4	0	0
6-13	3765	19	5	8	5	1	0
6-14	2492	20	6	12	1	1	0
6-15	1838	20	5	10	5	0	0
6-16	--	--	--	--	--	--	--
6-17	2006	30	2	23	4	1	0
6-18	1637	32	7	24	1	0	0
6-19	5043	22	4	14	4	0	0
6-20	7174	22	1	10	8	3	0
6-21	2827	9	0	2	3	0	4
6-22	--	--	--	--	--	--	--
6-23	3194	10	2	6	1	1	0
6-25	4332	19	3	10	6	0	0
6-27	1490	13	0	10	1	2	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0653

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	148+	26	1	22	3	0	0
5-19	168+	53	3	37	13	0	0
5-21	153+	23	11	10	2	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	393	34	11	22	0	1	0
5-27	491	52	9	39	4	0	0
5-28	108+	42	12	26	4	0	0
5-29	--	--	--	--	--	--	--
5-30	83++	31	4	24	3	0	0
6-01	372	50	11	34	4	1	0
6-03	439	46	8	32	6	0	0
6-05	490	46	10	30	6	0	0
6-07	2330	45	6	30	7	2	0
6-09	3768	29	4	20	4	1	0
6-10	15664	38	2	23	10	3	0
6-11	3692	13	1	8	3	1	0
6-12	348	15	4	9	1	1	0
6-13	427	11	6	3	2	0	0
6-14	257	36	20	15	1	0	0
6-15	622	23	3	16	4	0	0
6-16	--	--	--	--	--	--	--
6-17	2105	12	3	7	2	0	0
6-18	3735	33	2	25	4	2	0
6-19	4034	21	3	11	7	0	0
6-20	1922	11	0	1	4	6	0
6-21	2686	14	0	5	3	6	0
6-22	--	--	--	--	--	--	--
6-23	1278	11	0	7	3	1	0
6-25	1894	1	0	0	1	0	0
6-27	2210	30	1	23	6	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0653(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	61+	7	0	5	0	2	0
6-10	283	11	3	8	0	0	0
6-11	--	--	--	--	--	--	--
6-12	266	0	0	0	0	0	0
6-13	24+++	25	17	8	0	0	0
6-14	190	20	9	7	3	1	0
6-15	33++	3	3	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	--	--	--	--	--	--	--
6-18	38++	5	3	2	0	0	0
6-19	0+++	0	0	0	0	0	0
6-20	371	27	7	16	3	1	0
6-21	71+	25	4	20	1	0	0
6-22	--	--	--	--	--	--	--
6-23	--	--	--	--	--	--	--
6-25	22+++	9	0	5	4	0	0
6-27	6+++	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0708

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	841	53	4	36	13	0	0
5-19	395	32	4	16	12	0	0
5-21	3726	29	4	16	8	1	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	513	43	4	35	3	1	0
5-27	215	36	5	26	5	0	0
5-28	288	60	14	43	3	0	0
5-29	422	32	2	21	8	1	0
5-30	88+	65	12	46	7	0	0
6-01	39++	64	8	43	11	2	0
6-03	909	24	0	16	5	3	0
6-05	702	33	12	10	11	0	0
6-07	1550	29	4	19	6	0	0
6-09	3638	34	0	24	9	1	0
6-10	7438	19	2	11	5	0	1
6-11	1025	19	1	16	2	0	0
6-12	583	14	1	6	4	3	0
6-13	1330	29	9	16	2	2	0
6-14	2343	18	3	11	2	2	0
6-15	862	28	5	20	3	0	0
6-16	884	18	7	7	4	0	0
6-17	1457	20	1	16	3	0	0
6-18	3737	18	0	12	4	2	0
6-19	3122	12	0	7	4	1	0
6-20	10382	10	1	3	5	0	1
6-21	1174	11	2	3	4	2	0
6-22	--	--	--	--	--	--	--
6-23	997	15	5	5	5	0	0
6-25	721	20	0	14	5	1	0
6-27	2107	11	1	7	2	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0757

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	450	46	3	30	13	0	0
5-19	463	32	2	17	13	0	0
5-21	613	45	9	25	8	3	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	6427	34	1	26	5	1	1
5-27	3063	50	4	33	11	2	0
5-28	1324	37	3	29	4	1	0
5-29	--	--	--	--	--	--	--
5-30	1695	37	5	20	12	0	0
6-01	1578+	38	3	25	8	1	1
6-03	448	44	8	31	3	2	0
6-05	384	37	10	21	5	1	0
6-07	501	29	4	21	4	0	0
6-09	716	34	2	25	7	0	0
6-10	68+	9	3	1	5	0	0
6-11	320	10	3	6	1	0	0
6-12	2425	24	4	16	4	0	0
6-13	1014	31	15	14	1	1	0
6-14	3202	18	3	11	4	0	0
6-15	1515	14	2	12	0	0	0
6-16	3208	15	5	4	3	3	0
6-17	5436	20	2	16	2	0	0
6-18	6123	15	2	6	4	3	0
6-19	2003	7	0	7	0	0	0
6-20	2586	15	1	12	1	0	1
6-21	1847	19	4	9	4	2	0
6-22	--	--	--	--	--	--	--
6-23	1505	15	1	9	2	3	0
6-25	2895	17	1	13	3	0	0
6-27	1785	24	1	18	4	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0803

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	573	51	1	32	17	1	0
5-19	894	33	3	14	12	.4	0
5-21	314	32	6	15	10	1	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	3784	41	4	26	8	3	0
5-27	2360	38	0	16	20	2	0
5-28	2445	49	3	31	13	2	0
5-29	--	--	--	--	--	--	--
5-30	1203	27	3	14	7	3	0
6-01	573	29	3	16	6	4	0
6-03	196	32	2	26	4	0	0
6-05	292	30	7	14	8	1	0
6-07	119	16	1	7	7	1	0
6-09	358	24	2	14	7	1	0
6-10	52+++	10	2	6	2	0	0
6-11	598	10	1	5	2	2	0
6-12	1683	23	5	14	3	1	0
6-13	1907	28	8	18	2	0	0
6-14	7240	21	4	14	2	1	0
6-15	2905	26	1	18	7	0	0
6-16	5512	14	0	4	6	4	0
6-17	5656	35	2	19	13	1	0
6-18	2381	24	1	17	5	1	0
6-19	1544	22	7	11	4	0	0
6-20	6034	12	2	6	3	1	0
6-21	2623	17	0	14	3	0	0
6-22	2266	17	1	12	3	1	0
6-23	651	18	0	13	3	1	1
6-25	2859	24	1	17	5	1	0
6-27	2745	20	3	16	0	1	0
6-29	2692	20	1	16	2	1	0
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0808(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	
5-19	--	--	--	--	--	--	
5-21	--	--	--	--	--	--	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	--	--	--	--	--	--	
5-27	--	--	--	--	--	--	
5-28	--	--	--	--	--	--	
5-29	--	--	--	--	--	--	
5-30	--	--	--	--	--	--	
6-01	--	--	--	--	--	--	
6-03	--	--	--	--	--	--	
6-05	--	--	--	--	--	--	
6-07	--	--	--	--	--	--	
6-09	85+	29	2	26	1	0	
6-10	677	38	13	23	1	1	
6-11	49++	29	10	19	0	0	
6-12	--	--	--	--	--	--	
6-13	462	22	7	15	0	0	
6-14	371	46	11	32	3	0	
6-15	504	34	1	33	0	0	
6-16	103	21	7	13	1	0	
6-17	25++	8	0	8	0	0	
6-18	726	31	4	23	4	0	
6-19	34++	0	0	0	0	0	
6-20	0+++	0	0	0	0	0	
6-21	17++	0	0	0	0	0	
6-22	68+	15	6	9	0	0	
6-23	52+	17	6	9	2	0	
6-25	34+++	12	0	12	0	0	
6-27	124	20	5	14	1	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0853

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	284	34	2	22	10	0	0
5-19	459	25	0	8	16	1	0
5-21	827	31	1	16	9	4	1
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	2765	55	5	31	18	1	0
5-27	834	18	1	8	8	1	0
5-28	1822	32	1	18	13	0	0
5-29	--	--	--	--	--	--	--
5-30	550	23	5	16	1	1	0
6-01	242	19	1	10	7	1	0
6-03	217	25	2	17	4	2	0
6-05	4+++	0	0	0	0	0	0
6-07	170	20	2	11	6	0	1
6-09	322	44	9	25	9	1	0
6-10	847	23	6	12	3	2	0
6-11	2219	30	3	22	4	1	0
6-12	6895	23	4	10	8	1	0
6-13	6089	27	11	9	7	0	0
6-14	5264	13	3	6	2	2	0
6-15	1825	9	0	7	2	0	0
6-16	4440	19	4	11	4	0	0
6-17	3923	18	1	11	3	3	0
6-18	3082	5	1	3	1	0	0
6-19	3537	10	0	6	3	1	0
6-20	628	12	4	5	3	0	0
6-21	1390	16	3	9	4	0	0
6-22	3195	13	3	5	4	1	0
6-23	1491	11	1	8	2	0	0
6-25	711	17	2	10	4	1	0
6-27	2440	18	1	12	3	2	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0898

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	114++	0	0	0	0	0	0
5-19	201+	39	5	19	14	1	0
5-21	231	14	3	4	5	1	1
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1516	24	1	11	10	2	0
5-27	1853	27	3	11	9	4	0
5-28	251	29	4	15	6	4	0
5-29	--	--	--	--	--	--	--
5-30	290	27	3	16	7	1	0
6-01	332	25	5	15	4	1	0
6-03	46++	17	7	10	0	0	0
6-05	46++	22	4	13	5	0	0
6-07	34++	15	0	12	3	0	0
6-09	203	19	9	9	1	0	0
6-10	433	26	7	15	4	0	0
6-11	180	9	2	3	2	2	0
6-12	1483	21	4	7	10	0	0
6-13	1925	36	14	21	1	0	0
6-14	6873	31	6	17	6	2	0
6-15	408	22	2	16	2	2	0
6-16	--	--	--	--	--	--	--
6-17	3645	7	1	2	3	1	0
6-18	2807	7	0	5	1	1	0
6-19	1207	30	5	12	11	2	0
6-20	5563	17	2	13	2	0	0
6-21	245	11	1	6	4	0	0
6-22	170	20	3	17	0	0	0
6-23	1841	12	3	5	4	0	0
6-25	585	14	2	10	2	0	0
6-27	737	12	0	8	3	0	1
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0940

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	412	37	2	25	9	1	0
5-19	113+	19	0	16	3	0	0
5-21	1047	31	3	24	2	2	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	3564	21	1	9	9	2	0
5-27	1729	39	1	21	16	1	0
5-28	803	19	1	13	4	1	0
5-29	43++	21	0	7	9	5	0
5-30	89+	0	0	0	0	0	0
6-01	108+	30	6	21	3	0	0
6-03	73++	11	3	8	0	0	0
6-05	73+	21	3	12	6	0	0
6-07	134	32	4	28	0	0	0
6-09	555	12	2	6	2	2	0
6-10	714	27	5	15	7	0	0
6-11	5615	16	0	10	3	3	0
6-12	6832	31	2	26	1	2	0
6-13	5258	26	6	16	4	0	0
6-14	2459	13	1	3	8	1	0
6-15	2313	20	3	14	3	0	0
6-16	--	--	--	--	--	--	--
6-17	1205	12	1	8	3	0	0
6-18	1785	16	0	10	1	5	0
6-19	1143	11	1	5	4	1	0
6-20	1735	15	2	8	3	2	0
6-21	6301	16	2	10	3	1	0
6-22	2855	17	7	10	0	0	0
6-23	3197	9	0	6	1	2	0
6-25	1877	8	0	4	2	1	1
6-27	1569	6	0	3	2	0	1
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0985

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	344	46	5	20	17	4	0
5-19	323	36	2	20	11	3	0
5-21	2789	26	7	17	1	1	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	3289	38	1	17	18	2	0
5-27	73+	15	1	4	7	2	1
5-28	105+	12	2	6	1	3	0
5-29	--	--	--	--	--	--	--
5-30	10++	20	0	20	0	0	0
6-01	5+++	0	0	0	0	0	0
6-03	39++	5	0	5	0	0	0
6-05	19+++	0	0	0	0	0	0
6-07	50++	20	2	14	4	0	0
6-09	1844	20	2	13	3	1	1
6-10	5658	39	9	21	7	2	0
6-11	3740	18	2	12	2	2	0
6-12	4765	19	3	11	4	1	0
6-13	8303	19	3	10	5	1	0
6-14	7534	20	3	13	4	0	0
6-15	3829	12	2	7	2	1	0
6-16	--	--	--	--	--	--	--
6-17	954	15	2	10	2	1	0
6-18	3865	13	0	10	2	1	0
6-19	1696	14	1	10	3	0	0
6-20	1955	11	5	3	3	0	0
6-21	10233	14	4	8	2	0	0
6-22	2284	11	3	6	1	1	0
6-23	3294	8	1	5	1	1	0
6-25	2383	10	0	8	1	1	0
6-27	2130	12	0	5	3	4	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1038

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	153+	31	0	19	12	0	0
5-19	700	46	11	30	3	1	1
5-21	3042	46	7	32	6	1	0
5-22	2365	35	3	24	7	1	0
5-24	4864	25	5	11	7	2	0
5-26	--	--	--	--	--	--	--
5-27	118+	15	1	9	4	1	0
5-28	18++	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	26++	27	0	27	0	0	0
6-01	5+++	0	0	0	0	0	0
6-03	17+++	18	0	12	6	0	0
6-05	0+++	0	0	0	0	0	0
6-07	0+++	0	0	0	0	0	0
6-09	1865	6	1	3	2	0	0
6-10	6434	21	5	13	3	0	0
6-11	7545	9	1	6	2	0	0
6-12	12301	13	2	7	4	0	0
6-13	1950	11	1	7	2	1	0
6-14	2923	8	1	6	1	0	0
6-15	238	11	4	7	0	0	0
6-16	--	--	--	--	--	--	--
6-17	468	21	10	9	1	1	0
6-18	1679	21	2	11	7	1	0
6-19	249	12	3	8	1	0	0
6-20	1361	11	1	7	3	0	0
6-21	2079	11	3	5	2	1	0
6-22	1187	5	0	3	1	1	0
6-23	2267	2	0	0	1	1	0
6-25	809	6	0	5	0	1	0
6-27	2291	17	2	13	1	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1077

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	488	29	4	22	3	0	0
5-19	141+	29	6	16	4	3	0
5-21	1036	21	7	6	6	1	1
5-22	6690	23	1	13	7	1	1
5-24	2093	28	11	13	4	0	0
5-26	--	--	--	--	--	--	--
5-27	66+	20	2	12	6	0	0
5-28	247	20	0	17	3	0	0
5-29	--	--	--	--	--	--	--
5-30	93+	26	2	23	1	0	0
6-01	4+++	0	0	0	0	0	0
6-03	368	7	0	7	0	0	0
6-05	443	7	0	4	3	0	0
6-07	861	6	0	2	0	2	2
6-09	6847	4	2	2	0	0	0
6-10	5686	13	3	3	5	1	1
6-11	7026	1	0	1	0	0	0
6-12	5955	15	2	9	4	0	0
6-13	4795	12	0	10	0	2	0
6-14	3167	19	3	11	5	0	0
6-15	1830	18	2	12	3	1	0
6-16	--	--	--	--	--	--	--
6-17	1193	14	2	8	1	2	1
6-18	3263	36	7	25	4	0	0
6-19	4561	13	4	7	2	0	0
6-20	5961	8	2	5	1	0	0
6-21	2481	8	0	4	4	0	0
6-22	--	--	--	--	--	--	--
6-23	5700	2	0	0	2	0	0
6-25	878	9	0	6	3	0	0
6-27	2988	9	1	5	3	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1120

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	72+	17	0	10	4	3	0
5-19	273+	14	2	10	2	0	0
5-21	3540	17	3	9	4	1	0
5-22	5580	11	0	6	3	2	0
5-24	2052	18	5	9	4	0	0
5-26	--	--	--	--	--	--	--
5-27	300	17	3	11	2	1	0
5-28	273	16	2	11	2	1	0
5-29	--	--	--	--	--	--	--
5-30	103+	5	1	4	0	0	0
6-01	77++	17	1	11	5	0	0
6-03	84++	5	0	5	0	0	0
6-05	90+	4	0	1	3	0	0
6-07	1350	29	14	15	0	0	0
6-09	6295	1	0	0	1	0	0
6-10	5355	14	6	7	1	0	0
6-11	2111	21	6	13	2	0	0
6-12	1473	14	4	5	5	0	0
6-13	537	8	0	3	5	0	0
6-14	1581	0	0	0	0	0	0
6-15	2074	7	1	3	3	0	0
6-16	--	--	--	--	--	--	--
6-17	1501	15	3	10	2	0	0
6-18	4293	10	0	7	3	0	0
6-19	2789	8	0	7	1	0	0
6-20	3904	6	1	4	1	0	0
6-21	2718	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	2504	7	3	3	1	0	0
6-25	2506	2	0	1	1	0	0
6-27	4237	3	0	2	1	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1155

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	17+++	0	0	0	0	0	0
5-19	73+++	0	0	0	0	0	0
5-21	2437	16	1	11	2	2	0
5-22	2980	6	2	4	0	0	0
5-24	2253	25	8	9	7	1	0
5-26	--	--	--	--	--	--	--
5-27	25++	20	0	20	0	0	0
5-28	51+	10	0	4	0	6	0
5-29	--	--	--	--	--	--	--
5-30	52+	56	0	42	12	2	0
6-01	46++	2	0	2	0	0	0
6-03	87++	3	0	2	1	0	0
6-05	23+++	0	0	0	0	0	0
6-07	341	17	4	10	2	1	0
6-09	2849	15	5	10	0	0	0
6-10	4178	20	1	14	4	1	0
6-11	1008	22	10	10	1	1	0
6-12	776	16	1	12	3	0	0
6-13	526	9	4	1	1	3	0
6-14	2043	10	1	6	3	0	0
6-15	957	16	1	10	3	2	0
6-16	--	--	--	--	--	--	--
6-17	659	4	0	2	2	0	0
6-18	2916	8	2	2	4	0	0
6-19	3706	10	1	6	3	0	0
6-20	1301	9	2	1	5	1	0
6-21	2023	4	0	3	1	0	0
6-22	--	--	--	--	--	--	--
6-23	1384	2	0	2	0	0	0
6-25	629	4	0	3	0	1	0
6-27	3473	1	0	1	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1202

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	323	16	7	8	0	1	0
5-19	251+	8	3	1	2	2	0
5-21	2833	21	7	11	1	2	0
5-22	6017	10	0	5	4	1	0
5-24	1764	22	6	12	4	0	0
5-26	--	--	--	--	--	--	--
5-27	402	21	4	16	1	0	0
5-28	113+	1	0	1	0	0	0
5-29	--	--	--	--	--	--	--
5-30	35++	9	0	9	0	0	0
6-01	102++	3	0	3	0	0	0
6-03	419	11	2	7	2	0	0
6-05	1372	12	3	7	2	0	0
6-07	1767	7	0	6	1	0	0
6-09	7316	7	1	3	3	0	0
6-10	4322	8	1	5	1	1	0
6-11	1660	8	3	4	1	0	0
6-12	907	11	2	4	3	2	0
6-13	729	12	3	2	6	1	0
6-14	2204	14	2	5	4	3	0
6-15	917	11	2	7	1	1	0
6-16	--	--	--	--	--	--	--
6-17	1171	3	1	1	1	0	0
6-18	1103	4	1	0	3	0	0
6-19	4168	5	0	2	2	1	0
6-20	2102	0	0	0	0	0	0
6-21	4380	6	1	5	0	0	0
6-22	--	--	--	--	--	--	--
6-23	2561	5	0	5	0	0	0
6-25	5151	12	0	10	1	1	0
6-27	2402	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1241

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	909	9	0	4	4	1	0
5-19	359	7	2	2	2	1	0
5-21	1312	14	5	8	1	0	0
5-22	3206	12	2	2	4	4	0
5-24	510	22	8	12	1	1	0
5-26	--	--	--	--	--	--	--
5-27	56++	2	0	2	0	0	0
5-28	170	9	3	5	1	0	0
5-29	660	3	2	1	0	0	0
5-30	101+	6	0	1	4	1	0
6-01	1777	11	0	6	4	1	0
6-03	452	12	2	7	3	0	0
6-05	759	7	0	2	4	1	0
6-07	1177	9	0	5	4	0	0
6-09	1501	5	2	1	2	0	0
6-10	690	3	2	0	1	0	0
6-11	945	12	5	6	1	0	0
6-12	324	12	1	6	4	1	0
6-13	308	18	4	11	1	1	1
6-14	1093	11	5	5	1	0	0
6-15	1350	12	0	7	4	1	0
6-16	301	15	4	9	2	0	0
6-17	1431	5	0	2	1	2	0
6-18	3603	6	1	1	3	1	0
6-19	1291	0	0	0	0	0	0
6-20	2036	3	0	2	1	0	0
6-21	6118	3	0	2	1	0	0
6-22	--	--	--	--	--	--	--
6-23	453	2	0	2	0	0	0
6-25	5117	0	0	0	0	0	0
6-27	1604	2	0	2	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1284

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	3816	5	0	3	2	0	0
5-19	1486	2	1	1	0	0	0
5-21	1193	3	0	3	0	0	0
5-22	1704	3	0	0	0	3	0
5-24	763	7	4	3	0	0	0
5-26	--	--	--	--	--	--	--
5-27	1459	2	0	2	0	0	0
5-28	1247	11	4	4	1	2	0
5-29	--	--	--	--	--	--	--
5-30	1345	9	2	4	3	0	0
6-01	1178	12	2	7	3	0	0
6-03	741	2	0	1	1	0	0
6-05	944	5	1	4	0	0	0
6-07	969	2	0	0	2	0	0
6-09	2293	0	0	0	0	0	0
6-10	1907	9	7	1	1	0	0
6-11	879	6	2	3	1	0	0
6-12	374	2	0	2	0	0	0
6-13	470	1	1	0	0	0	0
6-14	897	11	3	8	0	0	0
6-15	2970	5	2	1	2	0	0
6-16	1347	6	1	4	1	0	0
6-17	6911	5	0	2	2	1	0
6-18	2817	4	1	1	1	1	0
6-19	2731	2	1	1	0	0	0
6-20	1814	3	0	1	2	0	0
6-21	1452	1	1	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	2430	1	0	1	0	0	0
6-25	2306	1	0	1	0	0	0
6-27	3246	3	0	3	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1315

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	803	4	1	2	1	0	0
5-19	351	3	2	0	1	0	0
5-21	374	0	0	0	0	0	0
5-22	684	7	2	4	1	0	0
5-24	1499	29	4	17	8	0	0
5-26	--	--	--	--	--	--	--
5-27	1263	4	0	2	2	0	0
5-28	99+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1205	5	0	4	0	1	0
6-01	1241	4	0	1	3	0	0
6-03	217	9	3	5	1	0	0
6-05	98+	3	0	2	1	0	0
6-07	249	11	3	7	1	0	0
6-09	483	5	3	2	0	0	0
6-10	2803	10	3	7	0	0	0
6-11	4062	6	0	4	1	1	0
6-12	842	6	0	3	3	0	0
6-13	846	4	1	2	1	0	0
6-14	2194	2	0	1	1	0	0
6-15	2768	3	0	2	0	0	1
6-16	3105	3	1	2	0	0	0
6-17	5091	4	1	1	1	1	0
6-18	2403	1	0	1	0	0	0
6-19	2294	1	0	1	0	0	0
6-20	2348	1	0	1	0	0	0
6-21	2830	1	0	1	0	0	0
6-22	--	--	--	--	--	--	--
6-23	3316	2	0	0	0	2	0
6-25	6606	1	0	1	0	0	0
6-27	2276	6	2	4	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1360(4)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	114+	5	0	4	1	0	0
5-19	255+	3	2	1	0	0	0
5-21	197+	0	0	0	0	0	0
5-22	1553	1	0	0	1	0	0
5-24	1286	2	0	2	0	0	0
5-26	--	--	--	--	--	--	--
5-27	41++	7	0	0	0	7	0
5-28	1042	6	0	4	1	1	0
5-29	--	--	--	--	--	--	--
5-30	724	0	0	0	0	0	0
6-01	31++	0	0	0	0	0	0
6-03	235+	2	0	1	1	0	0
6-05	147	3	0	3	0	0	0
6-07	535	3	0	0	2	1	0
6-09	1049	0	0	0	0	0	0
6-10	1192	3	2	1	0	0	0
6-11	1011	3	0	1	1	1	0
6-12	419	1	1	0	0	0	0
6-13	841	0	0	0	0	0	0
6-14	612	2	0	2	0	0	0
6-15	3832	0	0	0	0	0	0
6-16	1042	3	0	2	1	0	0
6-17	588	2	1	1	0	0	0
6-18	520	0	0	0	0	0	0
6-19	1603	0	0	0	0	0	0
6-20	391	0	0	0	0	0	0
6-21	1253	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	265	0	0	0	0	0	0
6-25	651	0	0	0	0	0	0
6-27	870	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1396(4)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	331	2	0	2	0	0	0
5-19	318	0	0	0	0	0	0
5-21	1166	2	0	2	0	0	0
5-22	589	0	0	0	0	0	0
5-24	1626	1	1	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	232	4	1	2	1	0	0
5-28	439	10	0	7	3	0	0
5-29	--	--	--	--	--	--	--
5-30	398	7	1	3	3	0	0
6-01	178	0	0	0	0	0	0
6-03	472	2	0	2	0	0	0
6-05	407	1	1	0	0	0	0
6-07	532	1	0	1	0	0	0
6-09	493	0	0	0	0	0	0
6-10	2231	1	0	0	1	0	0
6-11	1028	1	0	1	0	0	0
6-12	467	2	0	0	2	0	0
6-13	651	1	0	0	0	1	0
6-14	2493	1	0	1	0	0	0
6-15	1830	2	0	0	1	1	0
6-16	1400	0	0	0	0	0	0
6-17	751	3	0	1	1	1	0
6-18	1513	0	0	0	0	0	0
6-19	1126	0	0	0	0	0	0
6-20	432	0	0	0	0	0	0
6-21	855	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	754	0	0	0	0	0	0
6-25	487	0	0	0	0	0	0
6-27	1773	1	0	0	1	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1400(5)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	37+++	0	0	0	0	0	0
5-22	352	19	1	16	2	0	0
5-24	1306	19	7	8	4	0	0
5-26	--	--	--	--	--	--	--
5-27	362	10	3	6	1	0	0
5-28	87+	15	5	5	4	1	0
5-29	--	--	--	--	--	--	--
5-30	0+++	0	0	0	0	0	0
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	0+++	0	0	0	0	0	0
6-09	1103	0	0	0	0	0	0
6-10	877	7	4	2	1	0	0
6-11	867	6	1	4	1	0	0
6-12	371	5	1	2	2	0	0
6-13	1218	0	0	0	0	0	0
6-14	1182	1	0	1	0	0	0
6-15	2624	0	0	0	0	0	0
6-16	620	4	0	2	2	0	0
6-17	1053	3	0	2	1	0	0
6-18	799	1	0	0	1	0	0
6-19	1020	0	0	0	0	0	0
6-20	351	0	0	0	0	0	0
6-21	2623	1	1	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	908	0	0	0	0	0	0
6-25	265	1	0	1	0	0	0
6-27	1030	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1425(4)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	55++	4	2	2	0	0	0
5-19	500	4	1	3	0	0	0
5-21	404	6	3	2	1	0	0
5-22	1002	1	0	1	0	0	0
5-24	1445	4	3	0	0	1	0
5-26	--	--	--	--	--	--	--
5-27	156+	2	0	2	0	0	0
5-28	589	5	0	5	0	0	0
5-29	--	--	--	--	--	--	--
5-30	85+	1	0	1	0	0	0
6-01	793	4	0	3	1	0	0
6-03	193+	0	0	0	0	0	0
6-05	209	0	0	0	0	0	0
6-07	935	9	2	1	6	0	0
6-09	621	0	0	0	0	0	0
6-10	1337	3	1	0	0	2	0
6-11	257	3	1	0	2	0	0
6-12	181	1	1	0	0	0	0
6-13	126	0	0	0	0	0	0
6-14	1223	0	0	0	0	0	0
6-15	197	0	0	0	0	0	0
6-16	146	0	0	0	0	0	0
6-17	177	1	0	1	0	0	0
6-18	807	0	0	0	0	0	0
6-19	186	0	0	0	0	0	0
6-20	368	0	0	0	0	0	0
6-21	228	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	258	0	0	0	0	0	0
6-25	212	0	0	0	0	0	0
6-27	664	1	0	0	0	0	1
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1481

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	17++	6	0	0	6	0	0
5-19	320	2	0	2	0	0	0
5-21	329	2	1	1	0	0	0
5-22	2322	1	0	1	0	0	0
5-24	3171	3	0	2	1	0	0
5-26	--	--	--	--	--	--	--
5-27	436	7	1	5	1	0	0
5-28	295	2	0	0	2	0	0
5-29	--	--	--	--	--	--	--
5-30	436	4	0	4	0	0	0
6-01	187+	5	0	3	2	0	0
6-03	235	3	0	0	3	0	0
6-05	197	2	0	0	2	0	0
6-07	389	1	0	0	1	0	0
6-09	2148	0	0	0	0	0	0
6-10	2785	1	0	1	0	0	0
6-11	1497	2	1	1	0	0	0
6-12	685	2	0	2	0	0	0
6-13	767	1	0	1	0	0	0
6-14	1433	0	0	0	0	0	0
6-15	2451	1	0	0	0	1	0
6-16	824	0	0	0	0	0	0
6-17	674	0	0	0	0	0	0
6-18	2022	0	0	0	0	0	0
6-19	1665	0	0	0	0	0	0
6-20	1146	0	0	0	0	0	0
6-21	1233	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	776	0	0	0	0	0	0
6-25	1216	0	0	0	0	0	0
6-27	1479	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1481(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	177+	2	0	2	0	0	0
5-22	468	4	0	4	0	0	0
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	0+++	0	0	0	0	0	0
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	385	0	0	0	0	0	0
6-10	3194	1	0	1	0	0	0
6-11	1611	5	2	2	1	0	0
6-12	345	2	1	1	0	0	0
6-13	1365	1	0	1	0	0	0
6-14	2335	1	0	1	0	0	0
6-15	1054	0	0	0	0	0	0
6-16	184	0	0	0	0	0	0
6-17	360	0	0	0	0	0	0
6-18	2209	0	0	0	0	0	0
6-19	827	0	0	0	0	0	0
6-20	1600	0	0	0	0	0	0
6-21	1029	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	465	0	0	0	0	0	0
6-25	347	0	0	0	0	0	0
6-27	1109	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1533

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	72++	0	0	0	0	0	
5-19	22+++	0	0	0	0	0	
5-21	256	0	0	0	0	0	
5-22	2210	3	2	1	0	0	
5-24	1455	5	0	5	0	0	
5-26	--	--	--	--	--	--	
5-27	1139	3	0	1	0	2	
5-28	1385	2	0	2	0	0	
5-29	--	--	--	--	--	--	
5-30	249	3	1	2	0	0	
6-01	452	3	0	3	0	0	
6-03	169	0	0	0	0	0	
6-05	521	1	0	0	0	1	
6-07	342	4	1	3	0	0	
6-09	979	0	0	0	0	0	
6-10	4669	1	0	1	0	0	
6-11	1344	0	0	0	0	0	
6-12	1319	0	0	0	0	0	
6-13	3564	1	0	0	1	0	
6-14	3557	0	0	0	0	0	
6-15	2663	1	0	0	0	1	
6-16	--	--	--	--	--	--	
6-17	2076	0	0	0	0	0	
6-18	4222	0	0	0	0	0	
6-19	745	1	0	1	0	0	
6-20	1383	0	0	0	0	0	
6-21	2034	0	0	0	0	0	
6-22	--	--	--	--	--	--	
6-23	1253	0	0	0	0	0	
6-25	1756	5	1	3	1	0	
6-27	3070	0	0	0	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	1043	0	0	0	0	0	
7-05	1247	0	0	0	0	0	
7-07	81+	0	0	0	0	0	

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1573

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	0+++	0	0	0	0	0	0
5-19	109+++	0	0	0	0	0	0
5-21	223	4	3	1	0	0	0
5-22	5886	4	2	1	1	0	0
5-24	3327	13	2	5	5	1	0
5-26	--	--	--	--	--	--	--
5-27	1058	5	0	2	3	0	0
5-28	102+	5	0	1	4	0	0
5-29	--	--	--	--	--	--	--
5-30	471	3	3	0	0	0	0
6-01	93+	3	1	2	0	0	0
6-03	110+	4	1	1	2	0	0
6-05	45++	16	2	7	7	0	0
6-07	59+++	0	0	0	0	0	0
6-09	2507	0	0	0	0	0	0
6-10	2398	1	0	1	0	0	0
6-11	1189	1	0	0	0	1	0
6-12	4094	1	0	1	0	0	0
6-13	3490	0	0	0	0	0	0
6-14	5136	1	0	1	0	0	0
6-15	1507	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	5589	0	0	0	0	0	0
6-18	3202	0	0	0	0	0	0
6-19	1359	0	0	0	0	0	0
6-20	4272	0	0	0	0	0	0
6-21	3339	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1849	0	0	0	0	0	0
6-25	2192	0	0	0	0	0	0
6-27	2560	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	269	0	0	0	0	0	0
7-07	393	0	0	0	0	0	0

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1610

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	25++	4	0	4	0	0	0
5-19	312	2	1	0	1	0	0
5-21	1752	0	0	0	0	0	0
5-22	4024	3	0	3	0	0	0
5-24	2137	3	0	1	2	0	0
5-26	--	--	--	--	--	--	--
5-27	189+	2	0	2	0	0	0
5-28	1153	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	76+	3	0	0	3	0	0
6-01	286	0	0	0	0	0	0
6-03	162+	0	0	0	0	0	0
6-05	92+	3	0	2	1	0	0
6-07	1082	0	0	0	0	0	0
6-09	2704	0	0	0	0	0	0
6-10	7137	1	0	1	0	0	0
6-11	4062	2	1	1	0	0	0
6-12	1592	1	0	1	0	0	0
6-13	1856	1	0	1	0	0	0
6-14	2864	0	0	0	0	0	0
6-15	3503	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	4084	0	0	0	0	0	0
6-18	2445	0	0	0	0	0	0
6-19	1694	0	0	0	0	0	0
6-20	1253	0	0	0	0	0	0
6-21	2001	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1393	0	0	0	0	0	0
6-25	553	0	0	0	0	0	0
6-27	1604	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	1661	0	0	0	0	0	0
7-03	--	--	--	--	--	--	--
7-05	374+	0	0	0	0	0	0
7-07	6+++	0	0	0	0	0	0

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1662

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	199	0	0	0	0	0	0
5-19	282+	2	1	1	0	0	0
5-21	677	0	0	0	0	0	0
5-22	1722	4	0	3	0	0	1
5-24	5059	6	3	1	1	1	0
5-26	--	--	--	--	--	--	--
5-27	1077	0	0	0	0	0	0
5-28	910	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	365	0	0	0	0	0	0
6-01	144+	0	0	0	0	0	0
6-03	280	0	0	0	0	0	0
6-05	96+	0	0	0	0	0	0
6-07	393	0	0	0	0	0	0
6-09	3919	0	0	0	0	0	0
6-10	1830	0	0	0	0	0	0
6-11	490	2	0	1	0	1	0
6-12	2588	0	0	0	0	0	0
6-13	1221	0	0	0	0	0	0
6-14	1830	0	0	0	0	0	0
6-15	1372	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	3344	0	0	0	0	0	0
6-18	3394	0	0	0	0	0	0
6-19	3121	0	0	0	0	0	0
6-20	1823	11	4	5	2	0	0
6-21	3246	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	2408	0	0	0	0	0	0
6-25	2133	0	0	0	0	0	0
6-27	2454	1	0	1	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 16.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

- (1) BLUE TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 1695 ON MAY 19, 1979.
- (2) REPRESENTS TOTAL MASS, IN GRAMS, RETAINED IN BEDLOAD SAMPLER AS MEASURED IN THE FIELD. FOR SUBSEQUENT ANALYSIS OF NUMBER AND SIZE OF TRACER, PARTICLES SMALLER THAN 0.25 MM AND LARGER THAN 8.0 MM WERE DISCARDED. REMAINING SAMPLES WEIGHING MORE THAN 100 GRAMS WERE CUT TO A STANDARD 100 GRAM-PORION; SAMPLES WEIGHING LESS THAN 100 GRAMS WERE ANALYZED INTACT.
- (3) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.
- (4) DOES NOT INCLUDE TRACER PARTICLES MEASURED IN TRANSPORT AT SECTION 1400, A BYPASS CHANNEL COMMON TO SECTIONS 1360, 1396, AND 1425. SEE FIGURE 3.
- (5) BYPASS CHANNEL. SEE FIGURE 3.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS: NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE NOT CONSIDERED RELIABLE.

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0043

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	59++	29	0	27	2	0	0
5-19	75++	23	12	11	0	0	0
5-21	54+	50	17	24	9	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	371	32	9	20	1	2	0
5-27	84+	26	6	18	2	0	0
5-28	28++	18	4	14	0	0	0
5-29	--	--	--	--	--	--	--
5-30	5+++	120	20	100	0	0	0
6-01	81++	17	5	11	1	0	0
6-03	0+++	0	0	0	0	0	0
6-05	0+++	0	0	0	0	0	0
6-07	11+++	0	0	0	0	0	0
6-09	303	10	3	5	2	0	0
6-10	3071	11	1	8	1	1	0
6-11	3889	6	2	2	2	0	0
6-12	2659	8	0	5	1	2	0
6-13	1640	2	0	0	0	2	0
6-14	1030	9	3	6	0	0	0
6-15	984	5	1	4	0	0	0
6-16	--	--	--	--	--	--	--
6-17	383	14	6	7	0	1	0
6-18	320	10	3	7	0	0	0
6-19	1123	7	0	7	0	0	0
6-20	271	5	0	5	0	0	0
6-21	764	1	0	0	1	0	0
6-22	--	--	--	--	--	--	--
6-23	585	5	1	3	0	1	0
6-25	1008	3	2	1	0	0	0
6-27	486	7	0	4	3	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0075

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	161+	8	3	5	0	0	0
5-19	346	14	7	3	1	3	0
5-21	1581	30	7	17	5	1	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	51+	12	6	4	2	0	0
5-27	127+	2	0	1	1	0	0
5-28	127	12	1	10	1	0	0
5-29	237	4	0	2	2	0	0
5-30	19+++	0	0	0	0	0	0
6-01	1907	12	4	7	1	0	0
6-03	900	5	0	2	3	0	0
6-05	283	13	1	8	4	0	0
6-07	742	0	0	0	0	0	0
6-09	1650	7	1	6	0	0	0
6-10	3128	8	2	4	1	1	0
6-11	1416	0	0	0	0	0	0
6-12	2786	0	0	0	0	0	0
6-13	1735	5	1	2	2	0	0
6-14	1897	5	1	2	2	0	0
6-15	651	4	0	3	1	0	0
6-16	--	--	--	--	--	--	--
6-17	900	7	2	5	0	0	0
6-18	1969	4	2	2	0	0	0
6-19	2818	6	3	3	0	0	0
6-20	5583	5	1	3	1	0	0
6-21	4777	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1409	2	1	1	0	0	0
6-25	1558	2	0	0	0	2	0
6-27	2302	1	0	1	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0137

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	225	29	15	10	2	2	0
5-19	56+++	0	0	0	0	0	0
5-21	113++	6	3	3	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1360	9	0	6	3	0	0
5-27	1794	6	0	4	2	0	0
5-28	135	7	1	2	2	2	0
5-29	--	--	--	--	--	--	--
5-30	99+	4	3	0	1	0	0
6-01	41++	7	0	7	0	0	0
6-03	73++	1	0	0	1	0	0
6-05	0+++	0	0	0	0	0	0
6-07	588	4	0	3	0	1	0
6-09	1099	3	3	0	0	0	0
6-10	1907	0	0	0	0	0	0
6-11	1139	6	3	3	0	0	0
6-12	517	3	1	1	0	1	0
6-13	1648	5	1	4	0	0	0
6-14	3009	8	1	3	2	2	0
6-15	2497	2	0	0	2	0	0
6-16	--	--	--	--	--	--	--
6-17	3116	3	0	2	1	0	0
6-18	3204	7	0	6	1	0	0
6-19	2346	3	0	2	0	1	0
6-20	2042	4	0	3	1	0	0
6-21	3752	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	2398	0	0	0	0	0	0
6-25	3614	2	0	1	1	0	0
6-27	4050	10	1	5	4	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0178

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	335	11	1	8	1	1	0
5-19	1172	25	11	13	0	1	0
5-21	430	9	7	1	1	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	2416	6	0	4	0	2	0
5-27	677	8	3	2	3	0	0
5-28	446	6	1	2	3	0	0
5-29	--	--	--	--	--	--	--
5-30	470	7	2	4	1	0	0
6-01	521	2	0	0	0	0	2
6-03	18++	0	0	0	0	0	0
6-05	689	2	1	1	0	0	0
6-07	1624	1	0	1	0	0	0
6-09	2378	1	0	1	0	0	0
6-10	6609	1	0	0	1	0	0
6-11	4737	2	0	0	2	0	0
6-12	1694	4	0	4	0	0	0
6-13	5416	8	4	3	1	0	0
6-14	3955	5	0	4	1	0	0
6-15	3251	2	0	2	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1273	1	0	0	1	0	0
6-18	3439	6	1	4	1	0	0
6-19	3696	4	1	2	0	1	0
6-20	5908	2	0	0	0	2	0
6-21	5074	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	4771	2	0	0	2	0	0
6-25	1510	1	0	1	0	0	0
6-27	3035	10	1	7	1	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0220

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	144+	11	0	10	1	0	0
5-19	512	15	5	8	1	1	0
5-21	5907	8	3	3	2	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	871	2	0	0	0	2	0
5-27	83+	2	0	2	0	0	0
5-28	673	5	4	1	0	0	0
5-29	--	--	--	--	--	--	--
5-30	150+	6	0	6	0	0	0
6-01	44++	0	0	0	0	0	0
6-03	67++	0	0	0	0	0	0
6-05	569	3	0	1	2	0	0
6-07	758	3	0	3	0	0	0
6-09	4213	1	0	0	0	1	0
6-10	6882	3	0	2	0	1	0
6-11	5760	3	0	3	0	0	0
6-12	3938	5	1	2	1	1	0
6-13	4401	11	0	6	3	2	0
6-14	5375	0	0	0	0	0	0
6-15	241	2	1	1	0	0	0
6-16	--	--	--	--	--	--	--
6-17	946	4	2	2	0	0	0
6-18	3574	0	0	0	0	0	0
6-19	6083	0	0	0	0	0	0
6-20	6451	0	0	0	0	0	0
6-21	3627	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1357	2	0	2	0	0	0
6-25	3244	1	0	1	0	0	0
6-27	1327	15	2	5	6	1	1
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0257

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	119+	10	7	3	0	0	0
5-19	697	5	1	1	3	0	0
5-21	3491	4	3	0	1	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	183	4	0	0	4	0	0
5-27	113	0	0	0	0	0	0
5-28	42++	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	74+	0	0	0	0	0	0
6-01	90++	3	0	3	0	0	0
6-03	697	0	0	0	0	0	0
6-05	1516	1	0	0	1	0	0
6-07	645	4	2	2	0	0	0
6-09	3432	9	2	7	0	0	0
6-10	5300	1	0	1	0	0	0
6-11	2534	2	0	2	0	0	0
6-12	3148	3	1	2	0	0	0
6-13	3296	10	5	3	2	0	0
6-14	1846	1	0	1	0	0	0
6-15	2370	1	0	1	0	0	0
6-16	799	4	3	1	0	0	0
6-17	1076	1	0	1	0	0	0
6-18	2889	3	0	0	3	0	0
6-19	4435	0	0	0	0	0	0
6-20	7086	0	0	0	0	0	0
6-21	2965	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1826	0	0	0	0	0	0
6-25	2479	3	3	0	0	0	0
6-27	4340	10	0	5	5	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0257(3)

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	---	---	---	---	---	---	---
5-19	---	---	---	---	---	---	---
5-21	---	---	---	---	---	---	---
5-22	---	---	---	---	---	---	---
5-24	---	---	---	---	---	---	---
5-26	---	---	---	---	---	---	---
5-27	---	---	---	---	---	---	---
5-28	---	---	---	---	---	---	---
5-29	---	---	---	---	---	---	---
5-30	---	---	---	---	---	---	---
6-01	---	---	---	---	---	---	---
6-03	---	---	---	---	---	---	---
6-05	---	---	---	---	---	---	---
6-07	---	---	---	---	---	---	---
6-09	314	0	0	0	0	0	0
6-10	820	11	1	8	2	0	0
6-11	---	---	---	---	---	---	---
6-12	1057	0	0	0	0	0	0
6-13	528	20	15	5	0	0	0
6-14	634	3	0	2	0	1	0
6-15	588	2	1	1	0	0	0
6-16	---	---	---	---	---	---	---
6-17	---	---	---	---	---	---	---
6-18	276	10	3	6	1	0	0
6-19	1102	0	0	0	0	0	0
6-20	298	3	2	1	0	0	0
6-21	287	3	2	1	0	0	0
6-22	---	---	---	---	---	---	---
6-23	---	---	---	---	---	---	---
6-25	598	0	0	0	0	0	0
6-27	320	15	0	14	1	0	0
6-29	---	---	---	---	---	---	---
7-01	---	---	---	---	---	---	---
7-03	---	---	---	---	---	---	---
7-05	---	---	---	---	---	---	---
7-07	---	---	---	---	---	---	---

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0301

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	123+	18	5	12	1	0	0
5-19	1905	6	0	4	0	2	0
5-21	1771	3	0	1	0	2	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	208+	6	0	3	2	1	0
5-27	469	0	0	0	0	0	0
5-28	701	0	0	0	0	0	0
5-29	583	1	0	1	0	0	0
5-30	716	0	0	0	0	0	0
6-01	76+	3	0	1	2	0	0
6-03	1319	0	0	0	0	0	0
6-05	334	0	0	0	0	0	0
6-07	360	4	0	4	0	0	0
6-09	2585	2	0	1	1	0	0
6-10	4703	3	1	2	0	0	0
6-11	4006	2	0	2	0	0	0
6-12	708	2	0	2	0	0	0
6-13	1831	7	3	2	2	0	0
6-14	2650	1	0	1	0	0	0
6-15	1594	3	1	0	1	1	0
6-16	1134	0	0	0	0	0	0
6-17	2169	0	0	0	0	0	0
6-18	3222	4	0	3	1	0	0
6-19	1122	0	0	0	0	0	0
6-20	1371	0	0	0	0	0	0
6-21	2293	2	0	2	0	0	0
6-22	--	--	--	--	--	--	--
6-23	2046	0	0	0	0	0	0
6-25	1137	0	0	0	0	0	0
6-27	2918	6	0	1	4	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0301(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	---	---	---	---	---	---	---
5-19	---	---	---	---	---	---	---
5-21	---	---	---	---	---	---	---
5-22	---	---	---	---	---	---	---
5-24	---	---	---	---	---	---	---
5-26	---	---	---	---	---	---	---
5-27	---	---	---	---	---	---	---
5-28	---	---	---	---	---	---	---
5-29	---	---	---	---	---	---	---
5-30	---	---	---	---	---	---	---
6-01	---	---	---	---	---	---	---
6-03	---	---	---	---	---	---	---
6-05	---	---	---	---	---	---	---
6-07	---	---	---	---	---	---	---
6-09	410	14	1	9	4	0	0
6-10	749	4	3	1	0	0	0
6-11	1836	0	0	0	0	0	0
6-12	1121	1	0	0	1	0	0
6-13	2235	7	2	4	1	0	0
6-14	846	3	0	3	0	0	0
6-15	455	0	0	0	0	0	0
6-16	---	---	---	---	---	---	---
6-17	---	---	---	---	---	---	---
6-18	837	0	0	0	0	0	0
6-19	827	0	0	0	0	0	0
6-20	61+++	0	0	0	0	0	0
6-21	965	0	0	0	0	0	0
6-22	---	---	---	---	---	---	---
6-23	290	0	0	0	0	0	0
6-25	374	2	0	0	1	1	0
6-27	149	17	6	11	0	0	0
6-29	---	---	---	---	---	---	---
7-01	---	---	---	---	---	---	---
7-03	---	---	---	---	---	---	---
7-05	---	---	---	---	---	---	---
7-07	---	---	---	---	---	---	---

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0348

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	1385	8	1	4	3	0	0
5-19	719	4	0	0	2	2	0
5-21	1217	3	0	3	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	471	0	0	0	0	0	0
5-27	1592	1	0	0	1	0	0
5-28	1893	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1540	0	0	0	0	0	0
6-01	872	1	0	0	1	0	0
6-03	407	0	0	0	0	0	0
6-05	701	1	0	1	0	0	0
6-07	214	1	0	1	0	0	0
6-09	1115	0	0	0	0	0	0
6-10	1871	0	0	0	0	0	0
6-11	2608	0	0	0	0	0	0
6-12	218	0	0	0	0	0	0
6-13	1290	13	2	11	0	0	0
6-14	6798	0	0	0	0	0	0
6-15	3561	0	0	0	0	0	0
6-16	1007	0	0	0	0	0	0
6-17	4185	0	0	0	0	0	0
6-18	7816	0	0	0	0	0	0
6-19	5678	0	0	0	0	0	0
6-20	2601	0	0	0	0	0	0
6-21	2274	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1858	0	0	0	0	0	0
6-25	3862	0	0	0	0	0	0
6-27	2790	5	2	0	3	0	0
6-29	2728	0	0	0	0	0	0
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0421

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	242	16	4	5	5	2	0
5-19	777	2	1	1	0	0	0
5-21	612	2	1	1	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	3173	0	0	0	0	0	0
5-27	896	1	0	1	0	0	0
5-28	561	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	277	0	0	0	0	0	0
6-01	563	1	0	1	0	0	0
6-03	384	1	0	1	0	0	0
6-05	88+	0	0	0	0	0	0
6-07	376	0	0	0	0	0	0
6-09	958	2	2	0	0	0	0
6-10	4947	0	0	0	0	0	0
6-11	4214	0	0	0	0	0	0
6-12	2586	0	0	0	0	0	0
6-13	5444	4	3	0	1	0	0
6-14	4647	0	0	0	0	0	0
6-15	4003	0	0	0	0	0	0
6-16	3030	1	0	0	1	0	0
6-17	3022	0	0	0	0	0	0
6-18	1824	0	0	0	0	0	0
6-19	1450	0	0	0	0	0	0
6-20	2879	0	0	0	0	0	0
6-21	9086	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1446	0	0	0	0	0	0
6-25	3306	0	0	0	0	0	0
6-27	1800	8	1	7	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0460

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF ORANGE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	233	4	2	2	0	0	0
5-19	104++	0	0	0	0	0	0
5-21	153+	1	0	1	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1436	0	0	0	0	0	0
5-27	39++	0	0	0	0	0	0
5-28	190+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	16++	0	0	0	0	0	0
6-01	25++	0	0	0	0	0	0
6-03	10+++	0	0	0	0	0	0
6-05	24++	0	0	0	0	0	0
6-07	43++	0	0	0	0	0	0
6-09	2147	4	4	0	0	0	0
6-10	6109	0	0	0	0	0	0
6-11	8822	0	0	0	0	0	0
6-12	7920	0	0	0	0	0	0
6-13	3616	8	0	3	5	0	0
6-14	4080	0	0	0	0	0	0
6-15	2730	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	952	0	0	0	0	0	0
6-18	1870	0	0	0	0	0	0
6-19	2636	0	0	0	0	0	0
6-20	2850	0	0	0	0	0	0
6-21	4894	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1697	0	0	0	0	0	0
6-25	1719	0	0	0	0	0	0
6-27	2173	15	5	7	3	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 17.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

- (1) ORANGE TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 0516 ON MAY 19, 1979.
- (2) REPRESENTS TOTAL MASS, IN GRAMS, RETAINED IN BEDLOAD SAMPLER AS MEASURED IN THE FIELD. FOR SUBSEQUENT ANALYSIS OF NUMBER AND SIZE OF TRACER, PARTICLES SMALLER THAN 0.25 MM AND LARGER THAN 8.0 MM WERE DISCARDED. REMAINING SAMPLES WEIGHING MORE THAN 100 GRAMS WERE CUT TO A STANDARD 100 GRAM-PORION; SAMPLES WEIGHING LESS THAN 100 GRAMS WERE ANALYZED INTACT.
- (3) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS: NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE NOT CONSIDERED RELIABLE.

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0043

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	59++	0	0	0	0	0	0
5-19	75++	0	0	0	0	0	0
5-21	54+	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	371	0	0	0	0	0	0
5-27	84+	0	0	0	0	0	0
5-28	28++	11	0	11	0	0	0
5-29	--	--	--	--	--	--	--
5-30	5+++	0	0	0	0	0	0
6-01	81++	0	0	0	0	0	0
6-03	0+++	0	0	0	0	0	0
6-05	0+++	0	0	0	0	0	0
6-07	11+++	0	0	0	0	0	0
6-09	303	0	0	0	0	0	0
6-10	3071	0	0	0	0	0	0
6-11	3889	0	0	0	0	0	0
6-12	2659	0	0	0	0	0	0
6-13	1640	0	0	0	0	0	0
6-14	1030	2	2	0	0	0	0
6-15	984	1	1	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	383	0	0	0	0	0	0
6-18	320	0	0	0	0	0	0
6-19	1123	0	0	0	0	0	0
6-20	271	0	0	0	0	0	0
6-21	764	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	585	0	0	0	0	0	0
6-25	1008	0	0	0	0	0	0
6-27	486	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0075

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	161+	0	0	0	0	0	0
5-19	346	0	0	0	0	0	0
5-21	1581	0	0	0	0	0	0
5-22	---	---	---	---	---	---	---
5-24	---	---	---	---	---	---	---
5-26	51+	2	2	0	0	0	0
5-27	127+	0	0	0	0	0	0
5-28	127	0	0	0	0	0	0
5-29	237	0	0	0	0	0	0
5-30	19+++	0	0	0	0	0	0
6-01	1907	0	0	0	0	0	0
6-03	900	0	0	0	0	0	0
6-05	283	0	0	0	0	0	0
6-07	742	0	0	0	0	0	0
6-09	1650	2	1	1	0	0	0
6-10	3128	0	0	0	0	0	0
6-11	1416	12	0	8	4	0	0
6-12	2786	0	0	0	0	0	0
6-13	1735	0	0	0	0	0	0
6-14	1897	0	0	0	0	0	0
6-15	651	0	0	0	0	0	0
6-16	---	---	---	---	---	---	---
6-17	900	1	1	0	0	0	0
6-18	1969	0	0	0	0	0	0
6-19	2818	0	0	0	0	0	0
6-20	5583	0	0	0	0	0	0
6-21	4777	0	0	0	0	0	0
6-22	---	---	---	---	---	---	---
6-23	1409	0	0	0	0	0	0
6-25	1558	0	0	0	0	0	0
6-27	2302	0	0	0	0	0	0
6-29	---	---	---	---	---	---	---
7-01	---	---	---	---	---	---	---
7-03	---	---	---	---	---	---	---
7-05	---	---	---	---	---	---	---
7-07	---	---	---	---	---	---	---

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0137

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	225	0	0	0	0	0	
5-19	56+++	0	0	0	0	0	
5-21	113++	0	0	0	0	0	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	1360	0	0	0	0	0	
5-27	1794	0	0	0	0	0	
5-28	135	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	99+	0	0	0	0	0	
6-01	41++	0	0	0	0	0	
6-03	73++	0	0	0	0	0	
6-05	0+++	0	0	0	0	0	
6-07	588	0	0	0	0	0	
6-09	1099	1	1	0	0	0	
6-10	1907	0	0	0	0	0	
6-11	1139	0	0	0	0	0	
6-12	517	1	0	1	0	0	
6-13	1648	0	0	0	0	0	
6-14	3009	0	0	0	0	0	
6-15	2497	0	0	0	0	0	
6-16	--	--	--	--	--	--	
6-17	3116	1	1	0	0	0	
6-18	3204	0	0	0	0	0	
6-19	2346	0	0	0	0	0	
6-20	2042	0	0	0	0	0	
6-21	3752	0	0	0	0	0	
6-22	--	--	--	--	--	--	
6-23	2398	0	0	0	0	0	
6-25	3614	0	0	0	0	0	
6-27	4050	0	0	0	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0178

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	335	0	0	0	0	0	0
5-19	1172	0	0	0	0	0	0
5-21	430	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	2416	0	0	0	0	0	0
5-27	677	0	0	0	0	0	0
5-28	446	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	470	0	0	0	0	0	0
6-01	521	0	0	0	0	0	0
6-03	18++	0	0	0	0	0	0
6-05	689	0	0	0	0	0	0
6-07	1624	0	0	0	0	0	0
6-09	2378	0	0	0	0	0	0
6-10	6609	0	0	0	0	0	0
6-11	4737	0	0	0	0	0	0
6-12	1694	0	0	0	0	0	0
6-13	5416	0	0	0	0	0	0
6-14	3955	0	0	0	0	0	0
6-15	3251	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1273	0	0	0	0	0	0
6-18	3439	0	0	0	0	0	0
6-19	3696	0	0	0	0	0	0
6-20	5908	0	0	0	0	0	0
6-21	5074	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	4771	0	0	0	0	0	0
6-25	1510	9	2	5	2	0	0
6-27	3035	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0220

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	144+	0	0	0	0	0	
5-19	512	0	0	0	0	0	
5-21	5907	0	0	0	0	0	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	871	0	0	0	0	0	
5-27	83+	0	0	0	0	0	
5-28	673	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	150+	0	0	0	0	0	
6-01	44++	0	0	0	0	0	
6-03	67++	0	0	0	0	0	
6-05	569	0	0	0	0	0	
6-07	758	0	0	0	0	0	
6-09	4213	1	0	1	0	0	
6-10	6882	0	0	0	0	0	
6-11	5760	0	0	0	0	0	
6-12	3938	0	0	0	0	0	
6-13	4401	0	0	0	0	0	
6-14	5375	0	0	0	0	0	
6-15	241	1	0	1	0	0	
6-16	--	--	--	--	--	--	
6-17	946	0	0	0	0	0	
6-18	3574	0	0	0	0	0	
6-19	6083	0	0	0	0	0	
6-20	6451	0	0	0	0	0	
6-21	3627	0	0	0	0	0	
6-22	--	--	--	--	--	--	
6-23	1357	0	0	0	0	0	
6-25	3244	0	0	0	0	0	
6-27	1327	0	0	0	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	



TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0257

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	119+	0	0	0	0	0	0
5-19	697	0	0	0	0	0	0
5-21	3491	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	183	0	0	0	0	0	0
5-27	113	0	0	0	0	0	0
5-28	42++	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	74+	0	0	0	0	0	0
6-01	90++	0	0	0	0	0	0
6-03	697	0	0	0	0	0	0
6-05	1516	0	0	0	0	0	0
6-07	645	0	0	0	0	0	0
6-09	3432	0	0	0	0	0	0
6-10	5300	0	0	0	0	0	0
6-11	2534	0	0	0	0	0	0
6-12	3148	0	0	0	0	0	0
6-13	3296	0	0	0	0	0	0
6-14	1846	1	0	1	0	0	0
6-15	2370	0	0	0	0	0	0
6-16	799	0	0	0	0	0	0
6-17	1076	0	0	0	0	0	0
6-18	2889	0	0	0	0	0	0
6-19	4435	0	0	0	0	0	0
6-20	7086	0	0	0	0	0	0
6-21	2965	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1826	0	0	0	0	0	0
6-25	2479	0	0	0	0	0	0
6-27	4340	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0257(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	
5-19	--	--	--	--	--	--	
5-21	--	--	--	--	--	--	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	--	--	--	--	--	--	
5-27	--	--	--	--	--	--	
5-28	--	--	--	--	--	--	
5-29	--	--	--	--	--	--	
5-30	--	--	--	--	--	--	
6-01	--	--	--	--	--	--	
6-03	--	--	--	--	--	--	
6-05	--	--	--	--	--	--	
6-07	--	--	--	--	--	--	
6-09	314	0	0	0	0	0	
6-10	820	0	0	0	0	0	
6-11	--	--	--	--	--	--	
6-12	1057	0	0	0	0	0	
6-13	528	0	0	0	0	0	
6-14	634	2	1	1	0	0	
6-15	588	0	0	0	0	0	
6-16	--	--	--	--	--	--	
6-17	--	--	--	--	--	--	
6-18	276	2	2	0	0	0	
6-19	1102	0	0	0	0	0	
6-20	298	0	0	0	0	0	
6-21	287	0	0	0	0	0	
6-22	--	--	--	--	--	--	
6-23	--	--	--	--	--	--	
6-25	598	0	0	0	0	0	
6-27	320	0	0	0	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0301

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	123+	0	0	0	0	0	0
5-19	1905	0	0	0	0	0	0
5-21	1771	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	208+	0	0	0	0	0	0
5-27	469	0	0	0	0	0	0
5-28	701	0	0	0	0	0	0
5-29	583	0	0	0	0	0	0
5-30	716	0	0	0	0	0	0
6-01	76+	0	0	0	0	0	0
6-03	1319	0	0	0	0	0	0
6-05	334	0	0	0	0	0	0
6-07	360	0	0	0	0	0	0
6-09	2585	0	0	0	0	0	0
6-10	4703	0	0	0	0	0	0
6-11	4006	0	0	0	0	0	0
6-12	708	0	0	0	0	0	0
6-13	1831	0	0	0	0	0	0
6-14	2650	0	0	0	0	0	0
6-15	1594	0	0	0	0	0	0
6-16	1134	0	0	0	0	0	0
6-17	2169	0	0	0	0	0	0
6-18	3222	0	0	0	0	0	0
6-19	1122	0	0	0	0	0	0
6-20	1371	0	0	0	0	0	0
6-21	2293	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	2046	0	0	0	0	0	0
6-25	1137	0	0	0	0	0	0
6-27	2918	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0301(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	410	0	0	0	0	0	0
6-10	749	2	2	0	0	0	0
6-11	1836	0	0	0	0	0	0
6-12	1121	0	0	0	0	0	0
6-13	2235	0	0	0	0	0	0
6-14	846	0	0	0	0	0	0
6-15	455	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	--	--	--	--	--	--	--
6-18	837	0	0	0	0	0	0
6-19	827	0	0	0	0	0	0
6-20	61+++	0	0	0	0	0	0
6-21	965	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	290	2	0	2	0	0	0
6-25	374	2	2	0	0	0	0
6-27	149	5	5	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0348

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	1385	0	0	0	0	0	0
5-19	719	0	0	0	0	0	0
5-21	1217	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	471	0	0	0	0	0	0
5-27	1592	0	0	0	0	0	0
5-28	1893	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1540	0	0	0	0	0	0
6-01	872	0	0	0	0	0	0
6-03	407	0	0	0	0	0	0
6-05	701	0	0	0	0	0	0
6-07	214	0	0	0	0	0	0
6-09	1115	0	0	0	0	0	0
6-10	1871	0	0	0	0	0	0
6-11	2608	0	0	0	0	0	0
6-12	218	0	0	0	0	0	0
6-13	1290	0	0	0	0	0	0
6-14	6798	0	0	0	0	0	0
6-15	3561	0	0	0	0	0	0
6-16	1007	0	0	0	0	0	0
6-17	4185	0	0	0	0	0	0
6-18	7816	0	0	0	0	0	0
6-19	5678	0	0	0	0	0	0
6-20	2601	0	0	0	0	0	0
6-21	2274	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1858	2	2	0	0	0	0
6-25	3862	0	0	0	0	0	0
6-27	2790	2	2	0	0	0	0
6-29	2728	3	3	0	0	0	0
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0421

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	242	0	0	0	0	0	
5-19	777	0	0	0	0	0	
5-21	612	0	0	0	0	0	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	3173	0	0	0	0	0	
5-27	896	0	0	0	0	0	
5-28	561	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	277	0	0	0	0	0	
6-01	563	0	0	0	0	0	
6-03	384	0	0	0	0	0	
6-05	88+	0	0	0	0	0	
6-07	376	0	0	0	0	0	
6-09	958	0	0	0	0	0	
6-10	4947	0	0	0	0	0	
6-11	4214	0	0	0	0	0	
6-12	2586	0	0	0	0	0	
6-13	5444	0	0	0	0	0	
6-14	4647	0	0	0	0	0	
6-15	4003	0	0	0	0	0	
6-16	3030	0	0	0	0	0	
6-17	3022	0	0	0	0	0	
6-18	1824	0	0	0	0	0	
6-19	1450	0	0	0	0	0	
6-20	2879	0	0	0	0	0	
6-21	9086	0	0	0	0	0	
6-22	--	--	--	--	--	--	
6-23	1446	1	0	1	0	0	
6-25	3306	0	0	0	0	0	
6-27	1800	1	1	0	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0460

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	233	0	0	0	0	0	0
5-19	104++	0	0	0	0	0	0
5-21	153+	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1436	0	0	0	0	0	0
5-27	39++	0	0	0	0	0	0
5-28	190+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	16++	0	0	0	0	0	0
6-01	25++	0	0	0	0	0	0
6-03	10+++	0	0	0	0	0	0
6-05	24++	0	0	0	0	0	0
6-07	43++	0	0	0	0	0	0
6-09	2147	0	0	0	0	0	0
6-10	6109	0	0	0	0	0	0
6-11	8822	0	0	0	0	0	0
6-12	7920	0	0	0	0	0	0
6-13	3616	0	0	0	0	0	0
6-14	4080	0	0	0	0	0	0
6-15	2730	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	952	0	0	0	0	0	0
6-18	1870	0	0	0	0	0	0
6-19	2636	0	0	0	0	0	0
6-20	2850	0	0	0	0	0	0
6-21	4894	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1697	5	3	2	0	0	0
6-25	1719	0	0	0	0	0	0
6-27	2173	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0516

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	238	0	0	0	0	0	
5-19	104++	0	0	0	0	0	
5-21	3254	0	0	0	0	0	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	1122	0	0	0	0	0	
5-27	45++	0	0	0	0	0	
5-28	177+	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	40++	0	0	0	0	0	
6-01	17+++	0	0	0	0	0	
6-03	5+++	0	0	0	0	0	
6-05	20+++	0	0	0	0	0	
6-07	43+++	0	0	0	0	0	
6-09	3573	0	0	0	0	0	
6-10	5819	0	0	0	0	0	
6-11	7742	0	0	0	0	0	
6-12	4199	0	0	0	0	0	
6-13	2145	0	0	0	0	0	
6-14	8739	0	0	0	0	0	
6-15	2323	0	0	0	0	0	
6-16	--	--	--	--	--	--	
6-17	739	0	0	0	0	0	
6-18	3247	0	0	0	0	0	
6-19	4233	0	0	0	0	0	
6-20	3247	0	0	0	0	0	
6-21	3537	0	0	0	0	0	
6-22	--	--	--	--	--	--	
6-23	1833	0	0	0	0	0	
6-25	2312	2	2	0	0	0	
6-27	1577	3	1	2	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	



TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0556

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF GREEN TRACER PARTICLES				
		TOTAL	BY SIZE CLASS (MM)			
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00
5-16	12+++	0	0	0	0	0
5-19	272	0	0	0	0	0
5-21	1800	0	0	0	0	0
5-22	--	--	--	--	--	--
5-24	--	--	--	--	--	--
5-26	840	0	0	0	0	0
5-27	58+	0	0	0	0	0
5-28	207	0	0	0	0	0
5-29	--	--	--	--	--	--
5-30	62++	0	0	0	0	0
6-01	77++	0	0	0	0	0
6-03	53++	0	0	0	0	0
6-05	93+	0	0	0	0	0
6-07	103+	0	0	0	0	0
6-09	5100	0	0	0	0	0
6-10	5747	0	0	0	0	0
6-11	2974	0	0	0	0	0
6-12	9117	0	0	0	0	0
6-13	3194	0	0	0	0	0
6-14	3427	0	0	0	0	0
6-15	1217	0	0	0	0	0
6-16	--	--	--	--	--	--
6-17	1354	0	0	0	0	0
6-18	3938	0	0	0	0	0
6-19	2389	0	0	0	0	0
6-20	5650	0	0	0	0	0
6-21	2083	0	0	0	0	0
6-22	--	--	--	--	--	--
6-23	3676	0	0	0	0	0
6-25	872	2	2	0	0	0
6-27	2150	4	3	1	0	0
6-29	--	--	--	--	--	--
7-01	--	--	--	--	--	--
7-03	--	--	--	--	--	--
7-05	--	--	--	--	--	--
7-07	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0602

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	136	0	0	0	0	0	0
5-19	1010	0	0	0	0	0	0
5-21	1054	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1299	0	0	0	0	0	0
5-27	167+	0	0	0	0	0	0
5-28	112	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	474	0	0	0	0	0	0
6-01	56+	0	0	0	0	0	0
6-03	162+	0	0	0	0	0	0
6-05	921	0	0	0	0	0	0
6-07	1320	0	0	0	0	0	0
6-09	5773	0	0	0	0	0	0
6-10	4233	0	0	0	0	0	0
6-11	5076	0	0	0	0	0	0
6-12	2864	0	0	0	0	0	0
6-13	3765	0	0	0	0	0	0
6-14	2492	0	0	0	0	0	0
6-15	1838	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	2006	1	1	0	0	0	0
6-18	1637	0	0	0	0	0	0
6-19	5043	0	0	0	0	0	0
6-20	7174	0	0	0	0	0	0
6-21	2827	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	3194	0	0	0	0	0	0
6-25	4332	3	3	0	0	0	0
6-27	1490	3	1	2	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0653

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	148+	0	0	0	0	0	0
5-19	168+	0	0	0	0	0	0
5-21	153+	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	393	0	0	0	0	0	0
5-27	491	0	0	0	0	0	0
5-28	108+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	83++	0	0	0	0	0	0
6-01	372	0	0	0	0	0	0
6-03	439	0	0	0	0	0	0
6-05	490	0	0	0	0	0	0
6-07	2330	0	0	0	0	0	0
6-09	3768	0	0	0	0	0	0
6-10	15664	0	0	0	0	0	0
6-11	3692	0	0	0	0	0	0
6-12	348	3	3	0	0	0	0
6-13	427	0	0	0	0	0	0
6-14	257	0	0	0	0	0	0
6-15	622	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	2105	9	6	3	0	0	0
6-18	3735	0	0	0	0	0	0
6-19	4034	0	0	0	0	0	0
6-20	1922	0	0	0	0	0	0
6-21	2686	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1278	1	1	0	0	0	0
6-25	1894	0	0	0	0	0	0
6-27	2210	2	2	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0653(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	--	--	--	--	--	--	--
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	--	--	--	--	--	--	--
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	61+	0	0	0	0	0	0
6-10	283	0	0	0	0	0	0
6-11	--	--	--	--	--	--	--
6-12	266	0	0	0	0	0	0
6-13	24+++	0	0	0	0	0	0
6-14	190	0	0	0	0	0	0
6-15	33++	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	--	--	--	--	--	--	--
6-18	38++	0	0	0	0	0	0
6-19	0+++	0	0	0	0	0	0
6-20	371	0	0	0	0	0	0
6-21	71+	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	--	--	--	--	--	--	--
6-25	22+++	0	0	0	0	0	0
6-27	6+++	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0708

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	841	0	0	0	0	0	0
5-19	395	0	0	0	0	0	0
5-21	3726	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	513	0	0	0	0	0	0
5-27	215	0	0	0	0	0	0
5-28	288	0	0	0	0	0	0
5-29	422	0	0	0	0	0	0
5-30	88+	0	0	0	0	0	0
6-01	39++	0	0	0	0	0	0
6-03	909	0	0	0	0	0	0
6-05	702	0	0	0	0	0	0
6-07	1550	0	0	0	0	0	0
6-09	3638	0	0	0	0	0	0
6-10	7438	0	0	0	0	0	0
6-11	1025	1	1	0	0	0	0
6-12	583	0	0	0	0	0	0
6-13	1330	0	0	0	0	0	0
6-14	2343	0	0	0	0	0	0
6-15	862	0	0	0	0	0	0
6-16	884	0	0	0	0	0	0
6-17	1457	0	0	0	0	0	0
6-18	3737	0	0	0	0	0	0
6-19	3122	0	0	0	0	0	0
6-20	10382	0	0	0	0	0	0
6-21	1174	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	997	1	1	0	0	0	0
6-25	721	0	0	0	0	0	0
6-27	2107	5	4	1	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0757

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	450	0	0	0	0	0	0
5-19	463	0	0	0	0	0	0
5-21	613	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	6427	0	0	0	0	0	0
5-27	3063	0	0	0	0	0	0
5-28	1324	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1695	0	0	0	0	0	0
6-01	1578+	0	0	0	0	0	0
6-03	448	0	0	0	0	0	0
6-05	384	0	0	0	0	0	0
6-07	501	0	0	0	0	0	0
6-09	716	0	0	0	0	0	0
6-10	68+	0	0	0	0	0	0
6-11	320	15	13	2	0	0	0
6-12	2425	2	2	0	0	0	0
6-13	1014	0	0	0	0	0	0
6-14	3202	0	0	0	0	0	0
6-15	1515	0	0	0	0	0	0
6-16	3208	0	0	0	0	0	0
6-17	5436	0	0	0	0	0	0
6-18	6123	0	0	0	0	0	0
6-19	2003	0	0	0	0	0	0
6-20	2586	2	2	0	0	0	0
6-21	1847	2	2	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1505	2	2	0	0	0	0
6-25	2895	0	0	0	0	0	0
6-27	1785	3	0	3	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0808

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	573	0	0	0	0	0	0
5-19	894	0	0	0	0	0	0
5-21	314	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	3784	0	0	0	0	0	0
5-27	2360	0	0	0	0	0	0
5-28	2445	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	1203	0	0	0	0	0	0
6-01	573	0	0	0	0	0	0
6-03	196	0	0	0	0	0	0
6-05	292	0	0	0	0	0	0
6-07	119	0	0	0	0	0	0
6-09	358	4	3	1	0	0	0
6-10	52+++	0	0	0	0	0	0
6-11	598	3	3	0	0	0	0
6-12	1683	1	1	0	0	0	0
6-13	1907	0	0	0	0	0	0
6-14	7240	0	0	0	0	0	0
6-15	2905	0	0	0	0	0	0
6-16	5512	0	0	0	0	0	0
6-17	5656	4	3	1	0	0	0
6-18	2381	1	1	0	0	0	0
6-19	1544	1	1	0	0	0	0
6-20	6034	3	3	0	0	0	0
6-21	2623	4	0	2	2	0	0
6-22	2266	0	0	0	0	0	0
6-23	651	0	0	0	0	0	0
6-25	2859	3	3	0	0	0	0
6-27	2745	3	1	2	0	0	0
6-29	2692	3	1	2	0	0	0
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0808(3)

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	
5-19	--	--	--	--	--	--	
5-21	--	--	--	--	--	--	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	--	--	--	--	--	--	
5-27	--	--	--	--	--	--	
5-28	--	--	--	--	--	--	
5-29	--	--	--	--	--	--	
5-30	--	--	--	--	--	--	
6-01	--	--	--	--	--	--	
6-03	--	--	--	--	--	--	
6-05	--	--	--	--	--	--	
6-07	--	--	--	--	--	--	
6-09	85+	0	0	0	0	0	
6-10	677	0	0	0	0	0	
6-11	49++	0	0	0	0	0	
6-12	--	--	--	--	--	--	
6-13	462	3	3	0	0	0	
6-14	371	0	0	0	0	0	
6-15	504	0	0	0	0	0	
6-16	103	0	0	0	0	0	
6-17	25++	0	0	0	0	0	
6-18	726	0	0	0	0	0	
6-19	34++	0	0	0	0	0	
6-20	0+++	0	0	0	0	0	
6-21	17++	0	0	0	0	0	
6-22	68+	0	0	0	0	0	
6-23	52+	0	0	0	0	0	
6-25	34+++	0	0	0	0	0	
6-27	124	6	4	2	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	



TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0853

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	284	0	0	0	0	0	0
5-19	459	0	0	0	0	0	0
5-21	827	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	2765	0	0	0	0	0	0
5-27	834	0	0	0	0	0	0
5-28	1822	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	550	0	0	0	0	0	0
6-01	242	0	0	0	0	0	0
6-03	217	0	0	0	0	0	0
6-05	4+++	0	0	0	0	0	0
6-07	170	0	0	0	0	0	0
6-09	322	0	0	0	0	0	0
6-10	847	3	1	2	0	0	0
6-11	2219	0	0	0	0	0	0
6-12	6895	0	0	0	0	0	0
6-13	6089	0	0	0	0	0	0
6-14	5264	0	0	0	0	0	0
6-15	1825	0	0	0	0	0	0
6-16	4440	0	0	0	0	0	0
6-17	3923	0	0	0	0	0	0
6-18	3082	0	0	0	0	0	0
6-19	3537	0	0	0	0	0	0
6-20	628	2	2	0	0	0	0
6-21	1390	0	0	0	0	0	0
6-22	3195	0	0	0	0	0	0
6-23	1491	6	6	0	0	0	0
6-25	711	1	0	1	0	0	0
6-27	2440	2	0	2	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0898

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	114++	0	0	0	0	0	0
5-19	201+	0	0	0	0	0	0
5-21	231	0	0	0	0	0	0
5-22	--	--	--	--	--	--	--
5-24	--	--	--	--	--	--	--
5-26	1516	0	0	0	0	0	0
5-27	1853	0	0	0	0	0	0
5-28	251	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	290	0	0	0	0	0	0
6-01	332	1	1	0	0	0	0
6-03	46++	0	0	0	0	0	0
6-05	46++	0	0	0	0	0	0
6-07	34++	0	0	0	0	0	0
6-09	203	5	4	1	0	0	0
6-10	433	3	3	0	0	0	0
6-11	180	5	4	1	0	0	0
6-12	1483	0	0	0	0	0	0
6-13	1925	0	0	0	0	0	0
6-14	6873	0	0	0	0	0	0
6-15	408	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	3645	0	0	0	0	0	0
6-18	2807	0	0	0	0	0	0
6-19	1207	0	0	0	0	0	0
6-20	5563	0	0	0	0	0	0
6-21	245	0	0	0	0	0	0
6-22	170	13	12	1	0	0	0
6-23	1841	5	3	1	1	0	0
6-25	585	3	2	1	0	0	0
6-27	737	7	2	5	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0940

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES				
		TOTAL	BY SIZE CLASS (MM)			
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00
5-16	412	0	0	0	0	0
5-19	113+	0	0	0	0	0
5-21	1047	0	0	0	0	0
5-22	--	--	--	--	--	--
5-24	--	--	--	--	--	--
5-26	3564	0	0	0	0	0
5-27	1729	0	0	0	0	0
5-28	803	0	0	0	0	0
5-29	43++	0	0	0	0	0
5-30	89+	0	0	0	0	0
6-01	108+	0	0	0	0	0
6-03	73++	0	0	0	0	0
6-05	73+	0	0	0	0	0
6-07	134	0	0	0	0	0
6-09	555	3	3	0	0	0
6-10	714	0	0	0	0	0
6-11	5615	0	0	0	0	0
6-12	6832	0	0	0	0	0
6-13	5258	1	1	0	0	0
6-14	2459	0	0	0	0	0
6-15	2313	0	0	0	0	0
6-16	--	--	--	--	--	--
6-17	1205	0	0	0	0	0
6-18	1785	0	0	0	0	0
6-19	1143	1	1	0	0	0
6-20	1735	0	0	0	0	0
6-21	6301	1	1	0	0	0
6-22	2855	7	7	0	0	0
6-23	3197	0	0	0	0	0
6-25	1877	0	0	0	0	0
6-27	1569	2	0	2	0	0
6-29	--	--	--	--	--	--
7-01	--	--	--	--	--	--
7-03	--	--	--	--	--	--
7-05	--	--	--	--	--	--
7-07	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 0985

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	344	0	0	0	0	0	
5-19	323	0	0	0	0	0	
5-21	2789	0	0	0	0	0	
5-22	--	--	--	--	--	--	
5-24	--	--	--	--	--	--	
5-26	3289	0	0	0	0	0	
5-27	73+	0	0	0	0	0	
5-28	105+	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	10++	0	0	0	0	0	
6-01	5+++	0	0	0	0	0	
6-03	39++	0	0	0	0	0	
6-05	19+++	0	0	0	0	0	
6-07	50++	0	0	0	0	0	
6-09	1844	0	0	0	0	0	
6-10	5658	0	0	0	0	0	
6-11	3740	0	0	0	0	0	
6-12	4765	0	0	0	0	0	
6-13	8303	0	0	0	0	0	
6-14	7534	0	0	0	0	0	
6-15	3829	0	0	0	0	0	
6-16	--	--	--	--	--	--	
6-17	954	0	0	0	0	0	
6-18	3865	0	0	0	0	0	
6-19	1696	0	0	0	0	0	
6-20	1955	18	13	5	0	0	
6-21	10233	4	4	0	0	0	
6-22	2284	7	4	3	0	0	
6-23	3294	3	0	3	0	0	
6-25	2383	7	6	1	0	0	
6-27	2130	15	5	10	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1038

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	153+	0	0	0	0	0	0
5-19	700	0	0	0	0	0	0
5-21	3042	0	0	0	0	0	0
5-22	2365	0	0	0	0	0	0
5-24	4864	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	118+	0	0	0	0	0	0
5-28	18++	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	26++	0	0	0	0	0	0
6-01	5+++	0	0	0	0	0	0
6-03	17+++	0	0	0	0	0	0
6-05	0+++	0	0	0	0	0	0
6-07	0+++	0	0	0	0	0	0
6-09	1865	0	0	0	0	0	0
6-10	6434	0	0	0	0	0	0
6-11	7545	0	0	0	0	0	0
6-12	12301	0	0	0	0	0	0
6-13	1950	0	0	0	0	0	0
6-14	2923	0	0	0	0	0	0
6-15	238	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	468	4	4	0	0	0	0
6-18	1679	3	0	0	3	0	0
6-19	249	2	0	2	0	0	0
6-20	1361	3	1	2	0	0	0
6-21	2079	3	2	1	0	0	0
6-22	1187	17	11	6	0	0	0
6-23	2267	12	11	1	0	0	0
6-25	809	12	6	6	0	0	0
6-27	2291	11	1	9	1	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1077

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	488	0	0	0	0	0	0
5-19	141+	0	0	0	0	0	0
5-21	1036	0	0	0	0	0	0
5-22	6690	0	0	0	0	0	0
5-24	2093	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	66+	0	0	0	0	0	0
5-28	247	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	93+	0	0	0	0	0	0
6-01	4+++	0	0	0	0	0	0
6-03	368	0	0	0	0	0	0
6-05	443	0	0	0	0	0	0
6-07	861	0	0	0	0	0	0
6-09	6847	1	1	0	0	0	0
6-10	5686	0	0	0	0	0	0
6-11	7026	0	0	0	0	0	0
6-12	5955	1	1	0	0	0	0
6-13	4795	0	0	0	0	0	0
6-14	3167	0	0	0	0	0	0
6-15	1830	1	1	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1193	1	1	0	0	0	0
6-18	3263	0	0	0	0	0	0
6-19	4561	0	0	0	0	0	0
6-20	5961	10	6	4	0	0	0
6-21	2481	9	6	3	0	0	0
6-22	--	--	--	--	--	--	--
6-23	5700	10	4	6	0	0	0
6-25	878	12	1	10	1	0	0
6-27	2988	10	3	6	0	1	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1120

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	72+	0	0	0	0	0	0
5-19	273+	0	0	0	0	0	0
5-21	3540	0	0	0	0	0	0
5-22	5580	0	0	0	0	0	0
5-24	2052	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	300	0	0	0	0	0	0
5-28	273	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	103+	0	0	0	0	0	0
6-01	77++	0	0	0	0	0	0
6-03	84++	0	0	0	0	0	0
6-05	90+	0	0	0	0	0	0
6-07	1350	0	0	0	0	0	0
6-09	6295	0	0	0	0	0	0
6-10	5355	0	0	0	0	0	0
6-11	2111	3	3	0	0	0	0
6-12	1473	0	0	0	0	0	0
6-13	537	0	0	0	0	0	0
6-14	1581	0	0	0	0	0	0
6-15	2074	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1501	4	4	0	0	0	0
6-18	4293	4	1	3	0	0	0
6-19	2789	12	10	2	0	0	0
6-20	3904	20	9	11	0	0	0
6-21	2718	13	6	7	0	0	0
6-22	--	--	--	--	--	--	--
6-23	2504	10	4	5	1	0	0
6-25	2506	8	0	6	2	0	0
6-27	4237	3	0	1	2	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1155

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	17+++	0	0	0	0	0	0
5-19	73+++	0	0	0	0	0	0
5-21	2437	0	0	0	0	0	0
5-22	2980	0	0	0	0	0	0
5-24	2253	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	25++	0	0	0	0	0	0
5-28	51+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	52+	0	0	0	0	0	0
6-01	46++	0	0	0	0	0	0
6-03	87++	0	0	0	0	0	0
6-05	23+++	0	0	0	0	0	0
6-07	341	0	0	0	0	0	0
6-09	2849	0	0	0	0	0	0
6-10	4178	0	0	0	0	0	0
6-11	1008	4	3	1	0	0	0
6-12	776	0	0	0	0	0	0
6-13	526	0	0	0	0	0	0
6-14	2043	0	0	0	0	0	0
6-15	957	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	659	5	4	1	0	0	0
6-18	2916	26	13	13	0	0	0
6-19	3706	5	2	3	0	0	0
6-20	1301	15	3	8	3	1	0
6-21	2023	9	1	7	1	0	0
6-22	--	--	--	--	--	--	--
6-23	1384	3	2	0	1	0	0
6-25	629	9	0	8	0	1	0
6-27	3473	2	0	2	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1202

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	323	0	0	0	0	0	0
5-19	251+	0	0	0	0	0	0
5-21	2833	0	0	0	0	0	0
5-22	6017	0	0	0	0	0	0
5-24	1764	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	402	0	0	0	0	0	0
5-28	113+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	35++	0	0	0	0	0	0
6-01	102++	0	0	0	0	0	0
6-03	419	0	0	0	0	0	0
6-05	1372	0	0	0	0	0	0
6-07	1767	0	0	0	0	0	0
6-09	7316	0	0	0	0	0	0
6-10	4322	0	0	0	0	0	0
6-11	1660	3	2	1	0	0	0
6-12	907	9	8	1	0	0	0
6-13	729	2	2	0	0	0	0
6-14	2204	0	0	0	0	0	0
6-15	917	2	2	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	1171	7	4	3	0	0	0
6-18	1103	5	3	2	0	0	0
6-19	4168	9	3	4	0	2	0
6-20	2102	15	2	10	3	0	0
6-21	4380	8	3	3	2	0	0
6-22	--	--	--	--	--	--	--
6-23	2561	17	6	10	0	1	0
6-25	5151	4	1	3	0	0	0
6-27	2402	2	0	2	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1241

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	909	0	0	0	0	0	0
5-19	359	0	0	0	0	0	0
5-21	1312	0	0	0	0	0	0
5-22	3206	0	0	0	0	0	0
5-24	510	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	56++	0	0	0	0	0	0
5-28	170	0	0	0	0	0	0
5-29	660	0	0	0	0	0	0
5-30	101+	0	0	0	0	0	0
6-01	1777	0	0	0	0	0	0
6-03	452	0	0	0	0	0	0
6-05	759	0	0	0	0	0	0
6-07	1177	0	0	0	0	0	0
6-09	1501	0	0	0	0	0	0
6-10	690	8	8	0	0	0	0
6-11	945	12	12	0	0	0	0
6-12	324	4	3	1	0	0	0
6-13	308	2	0	2	0	0	0
6-14	1093	6	1	3	1	1	0
6-15	1350	14	4	7	2	1	0
6-16	301	17	12	5	0	0	0
6-17	1431	23	7	16	0	0	0
6-18	3603	12	1	11	0	0	0
6-19	1291	10	6	4	0	0	0
6-20	2036	10	2	7	1	0	0
6-21	6118	11	2	6	3	0	0
6-22	--	--	--	--	--	--	--
6-23	453	3	1	2	0	0	0
6-25	5117	2	0	2	0	0	0
6-27	1604	3	0	2	1	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1284

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	3816	0	0	0	0	0	
5-19	1486	0	0	0	0	0	
5-21	1193	0	0	0	0	0	
5-22	1704	0	0	0	0	0	
5-24	763	0	0	0	0	0	
5-26	--	--	--	--	--	--	
5-27	1459	0	0	0	0	0	
5-28	1247	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	1345	0	0	0	0	0	
6-01	1178	0	0	0	0	0	
6-03	741	0	0	0	0	0	
6-05	944	0	0	0	0	0	
6-07	969	0	0	0	0	0	
6-09	2293	0	0	0	0	0	
6-10	1907	22	16	6	0	0	
6-11	879	50	45	4	1	0	
6-12	374	25	23	2	0	0	
6-13	470	47	37	10	0	0	
6-14	897	29	22	7	0	0	
6-15	2970	18	10	7	0	1	
6-16	1347	21	8	11	1	0	
6-17	6911	21	8	12	1	0	
6-18	2817	4	1	3	0	0	
6-19	2731	9	6	2	1	0	
6-20	1814	16	7	9	0	0	
6-21	1452	4	1	2	1	0	
6-22	--	--	--	--	--	--	
6-23	2430	9	4	4	1	0	
6-25	2306	3	1	2	0	0	
6-27	3246	2	1	1	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1315

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	803	0	0	0	0	0	
5-19	351	0	0	0	0	0	
5-21	374	0	0	0	0	0	
5-22	684	0	0	0	0	0	
5-24	1499	0	0	0	0	0	
5-26	--	--	--	--	--	--	
5-27	1263	0	0	0	0	0	
5-28	99+	0	0	0	0	0	
5-29	--	--	--	--	--	--	
5-30	1205	0	0	0	0	0	
6-01	1241	0	0	0	0	0	
6-03	217	1	1	0	0	0	
6-05	98+	0	0	0	0	0	
6-07	249	0	0	0	0	0	
6-09	483	12	10	2	0	0	
6-10	2803	21	19	2	0	0	
6-11	4062	33	28	5	0	0	
6-12	842	18	10	8	0	0	
6-13	846	15	11	4	0	0	
6-14	2194	20	13	5	2	0	
6-15	2768	21	9	12	0	0	
6-16	3105	29	15	11	3	0	
6-17	5091	16	6	9	1	0	
6-18	2403	21	7	12	2	0	
6-19	2294	16	6	9	1	0	
6-20	2348	5	1	2	2	0	
6-21	2830	9	4	3	2	0	
6-22	--	--	--	--	--	--	
6-23	3316	8	3	5	0	0	
6-25	6606	5	1	4	0	0	
6-27	2276	3	0	3	0	0	
6-29	--	--	--	--	--	--	
7-01	--	--	--	--	--	--	
7-03	--	--	--	--	--	--	
7-05	--	--	--	--	--	--	
7-07	--	--	--	--	--	--	

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1360(4)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	114+	0	0	0	0	0	0
5-19	255+	0	0	0	0	0	0
5-21	197+	0	0	0	0	0	0
5-22	1553	0	0	0	0	0	0
5-24	1286	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	41++	0	0	0	0	0	0
5-28	1042	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	724	0	0	0	0	0	0
6-01	31++	0	0	0	0	0	0
6-03	235+	0	0	0	0	0	0
6-05	147	0	0	0	0	0	0
6-07	535	2	1	0	0	0	0
6-09	1049	48	38	10	0	0	0
6-10	1192	35	30	5	0	0	0
6-11	1011	25	16	9	0	0	0
6-12	419	34	19	14	1	0	0
6-13	841	22	7	13	2	0	0
6-14	612	18	4	9	5	0	0
6-15	3832	9	2	5	2	0	0
6-16	1042	11	6	5	0	0	0
6-17	588	3	2	0	1	0	0
6-18	520	10	5	5	0	0	0
6-19	1603	4	2	1	1	0	0
6-20	391	1	1	0	0	0	0
6-21	1253	4	1	3	0	0	0
6-22	--	--	--	--	--	--	--
6-23	265	0	0	0	0	0	0
6-25	651	0	0	0	0	0	0
6-27	870	1	1	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1396(4)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	331	0	0	0	0	0	0
5-19	318	0	0	0	0	0	0
5-21	1166	0	0	0	0	0	0
5-22	589	0	0	0	0	0	0
5-24	1626	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	232	0	0	0	0	0	0
5-28	439	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	398	0	0	0	0	0	0
6-01	178	0	0	0	0	0	0
6-03	472	0	0	0	0	0	0
6-05	407	1	1	0	0	0	0
6-07	532	1	0	0	1	0	0
6-09	493	34	28	6	0	0	0
6-10	2231	32	23	8	1	0	0
6-11	1028	19	8	9	1	1	0
6-12	467	20	3	13	3	1	0
6-13	651	5	0	2	2	1	0
6-14	2493	5	1	1	1	2	0
6-15	1830	1	0	1	0	0	0
6-16	1400	7	2	3	1	1	0
6-17	751	0	0	0	0	0	0
6-18	1513	9	7	2	0	0	0
6-19	1126	5	1	2	1	1	0
6-20	432	2	0	2	0	0	0
6-21	855	6	0	5	1	0	0
6-22	--	--	--	--	--	--	--
6-23	754	0	0	0	0	0	0
6-25	487	0	0	0	0	0	0
6-27	1773	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1400(5)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	37+++	0	0	0	0	0	0
5-22	352	0	0	0	0	0	0
5-24	1306	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	362	0	0	0	0	0	0
5-28	87+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	0+++	0	0	0	0	0	0
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	0+++	0	0	0	0	0	0
6-09	1103	23	6	16	1	0	0
6-10	877	75	58	16	1	0	0
6-11	867	89	65	23	1	0	0
6-12	371	104	65	37	2	0	0
6-13	1218	60	22	31	7	0	0
6-14	1182	36	10	21	5	0	0
6-15	2624	18	7	6	5	0	0
6-16	620	22	6	15	1	0	0
6-17	1053	19	7	7	5	0	0
6-18	799	12	2	10	0	0	0
6-19	1020	26	15	11	0	0	0
6-20	351	18	15	3	0	0	0
6-21	2623	12	3	7	2	0	0
6-22	--	--	--	--	--	--	--
6-23	908	6	2	2	1	1	0
6-25	265	4	3	1	0	0	0
6-27	1030	3	2	1	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1425(4)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	55++	0	0	0	0	0	0
5-19	500	0	0	0	0	0	0
5-21	404	0	0	0	0	0	0
5-22	1002	0	0	0	0	0	0
5-24	1445	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	156+	0	0	0	0	0	0
5-28	589	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	85+	0	0	0	0	0	0
6-01	793	0	0	0	0	0	0
6-03	193+	0	0	0	0	0	0
6-05	209	0	0	0	0	0	0
6-07	935	7	5	2	0	0	0
6-09	621	21	14	7	0	0	0
6-10	1337	10	6	4	0	0	0
6-11	257	30	16	13	1	0	0
6-12	181	15	4	7	2	2	0
6-13	126	6	2	4	0	0	0
6-14	1223	3	2	0	1	0	0
6-15	197	6	2	4	0	0	0
6-16	146	3	0	3	0	0	0
6-17	177	1	0	1	0	0	0
6-18	807	2	1	1	0	0	0
6-19	186	5	1	4	0	0	0
6-20	368	7	2	4	1	0	0
6-21	228	2	0	2	0	0	0
6-22	--	--	--	--	--	--	--
6-23	258	0	0	0	0	0	0
6-25	212	0	0	0	0	0	0
6-27	664	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--



TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1481

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	17++	0	0	0	0	0	0
5-19	320	0	0	0	0	0	0
5-21	329	0	0	0	0	0	0
5-22	2322	0	0	0	0	0	0
5-24	3171	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	436	0	0	0	0	0	0
5-28	295	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	436	0	0	0	0	0	0
6-01	187+	0	0	0	0	0	0
6-03	235	0	0	0	0	0	0
6-05	197	0	0	0	0	0	0
6-07	389	3	3	0	0	0	0
6-09	2148	16	7	9	0	0	0
6-10	2785	37	27	10	0	0	0
6-11	1497	13	6	5	1	1	0
6-12	685	20	8	9	3	0	0
6-13	767	5	1	3	1	0	0
6-14	1433	6	4	1	1	0	0
6-15	2451	2	0	1	1	0	0
6-16	824	5	4	1	0	0	0
6-17	674	1	0	1	0	0	0
6-18	2022	3	2	1	0	0	0
6-19	1665	2	0	2	0	0	0
6-20	1146	4	0	4	0	0	0
6-21	1233	3	1	2	0	0	0
6-22	--	--	--	--	--	--	--
6-23	776	1	0	1	0	0	0
6-25	1216	0	0	0	0	0	0
6-27	1479	3	0	3	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1481(3)

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	--	--	--	--	--	--	--
5-19	--	--	--	--	--	--	--
5-21	177+	0	0	0	0	0	0
5-22	468	0	0	0	0	0	0
5-24	--	--	--	--	--	--	--
5-26	--	--	--	--	--	--	--
5-27	0+++	0	0	0	0	0	0
5-28	--	--	--	--	--	--	--
5-29	--	--	--	--	--	--	--
5-30	--	--	--	--	--	--	--
6-01	--	--	--	--	--	--	--
6-03	--	--	--	--	--	--	--
6-05	--	--	--	--	--	--	--
6-07	--	--	--	--	--	--	--
6-09	385	72	60	12	0	0	0
6-10	3194	70	46	23	1	0	0
6-11	1611	54	11	32	10	1	0
6-12	345	15	1	12	2	0	0
6-13	1365	14	1	10	2	1	0
6-14	2335	13	2	7	2	2	0
6-15	1054	3	1	2	0	0	0
6-16	184	0	0	0	0	0	0
6-17	360	2	0	1	1	0	0
6-18	2209	6	3	3	0	0	0
6-19	827	11	2	8	1	0	0
6-20	1600	27	5	16	5	1	0
6-21	1029	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	465	3	0	3	0	0	0
6-25	347	0	0	0	0	0	0
6-27	1109	1	0	1	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	--	--	--	--	--	--	--
7-07	--	--	--	--	--	--	--

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1533

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	72++	0	0	0	0	0	0
5-19	22+++	0	0	0	0	0	0
5-21	256	0	0	0	0	0	0
5-22	2210	0	0	0	0	0	0
5-24	1455	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	1139	0	0	0	0	0	0
5-28	1385	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	249	0	0	0	0	0	0
6-01	452	0	0	0	0	0	0
6-03	169	0	0	0	0	0	0
6-05	521	7	6	1	0	0	0
6-07	342	7	1	6	0	0	0
6-09	979	128	109	19	0	0	0
6-10	4669	33	14	13	5	1	0
6-11	1344	12	5	7	0	0	0
6-12	1319	7	4	2	1	0	0
6-13	3564	1	0	1	0	0	0
6-14	3557	0	0	0	0	0	0
6-15	2663	1	0	1	0	0	0
6-16	--	--	--	--	--	--	--
6-17	2076	1	0	1	0	0	0
6-18	4222	8	4	3	1	0	0
6-19	745	12	3	7	2	0	0
6-20	1383	3	2	1	0	0	0
6-21	2034	2	0	2	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1253	0	0	0	0	0	0
6-25	1756	1	0	0	1	0	0
6-27	3070	4	2	2	0	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	1043	2	0	2	0	0	0
7-05	1247	3	0	2	1	0	0
7-07	81+	0	0	0	0	0	0

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1573

DATE	DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	0+++	0	0	0	0	0	0
5-19	109+++	0	0	0	0	0	0
5-21	223	0	0	0	0	0	0
5-22	5886	0	0	0	0	0	0
5-24	3327	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	1058	0	0	0	0	0	0
5-28	102+	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	471	0	0	0	0	0	0
6-01	93+	0	0	0	0	0	0
6-03	110+	0	0	0	0	0	0
6-05	45++	0	0	0	0	0	0
6-07	59++	185	92	89	4	0	0
6-09	2507	77	41	32	3	0	1
6-10	2398	108	58	42	8	0	0
6-11	1189	6	3	3	0	0	0
6-12	4094	2	1	0	1	0	0
6-13	3490	0	0	0	0	0	0
6-14	5136	1	0	1	0	0	0
6-15	1507	1	0	1	0	0	0
6-16	--	--	--	--	--	--	--
6-17	5589	3	1	2	0	0	0
6-18	3202	8	1	6	1	0	0
6-19	1359	5	3	1	1	0	0
6-20	4272	1	0	1	0	0	0
6-21	3339	1	1	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1849	0	0	0	0	0	0
6-25	2192	2	1	1	0	0	0
6-27	2560	10	3	5	2	0	0
6-29	--	--	--	--	--	--	--
7-01	--	--	--	--	--	--	--
7-03	--	--	--	--	--	--	--
7-05	269	2	0	1	1	0	0
7-07	393	0	0	0	0	0	0

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1610

DATE	DRY MASS OF SAMPLE (2) (G)	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
5-16	25++	0	0	0	0	0	0
5-19	312	0	0	0	0	0	0
5-21	1752	0	0	0	0	0	0
5-22	4024	0	0	0	0	0	0
5-24	2137	0	0	0	0	0	0
5-26	--	--	--	--	--	--	--
5-27	189+	0	0	0	0	0	0
5-28	1153	0	0	0	0	0	0
5-29	--	--	--	--	--	--	--
5-30	76+	0	0	0	0	0	0
6-01	286	34	20	10	3	0	1
6-03	162+	0	0	0	0	0	0
6-05	92+	0	0	0	0	0	0
6-07	1082	15	4	9	2	0	0
6-09	2704	34	18	13	3	0	0
6-10	7137	0	0	0	0	0	0
6-11	4062	0	0	0	0	0	0
6-12	1592	0	0	0	0	0	0
6-13	1856	0	0	0	0	0	0
6-14	2864	0	0	0	0	0	0
6-15	3503	0	0	0	0	0	0
6-16	--	--	--	--	--	--	--
6-17	4084	0	0	0	0	0	0
6-18	2445	0	0	0	0	0	0
6-19	1694	0	0	0	0	0	0
6-20	1253	0	0	0	0	0	0
6-21	2001	0	0	0	0	0	0
6-22	--	--	--	--	--	--	--
6-23	1393	0	0	0	0	0	0
6-25	553	0	0	0	0	0	0
6-27	1604	0	0	0	0	0	0
6-29	--	--	--	--	--	--	--
7-01	1661	1	0	1	0	0	0
7-03	--	--	--	--	--	--	--
7-05	374+	0	0	0	0	0	0
7-07	6+++	0	0	0	0	0	0

TABLE 18.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COMPOSITED FROM CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

- (1) GREEN TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS UPSTREAM OF SECTION 1610 ON MAY 31, 1980.
- (2) REPRESENTS TOTAL MASS, IN GRAMS, RETAINED IN BEDLOAD SAMPLER AS MEASURED IN THE FIELD. FOR SUBSEQUENT ANALYSIS OF NUMBER AND SIZE OF TRACER, PARTICLES SMALLER THAN 0.25 MM AND LARGER THAN 8.0 MM WERE DISCARDED. REMAINING SAMPLES WEIGHING MORE THAN 100 GRAMS WERE CUT TO A STANDARD 100 GRAM-PORION; SAMPLES WEIGHING LESS THAN 100 GRAMS WERE ANALYZED INTACT.
- (3) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.
- (4) DOES NOT INCLUDE TRACER PARTICLES MEASURED IN TRANSPORT AT SECTION 1400, A BYPASS CHANNEL COMMON TO SECTIONS 1360, 1396, AND 1425. SEE FIGURE 3.
- (5) BYPASS CHANNEL. SEE FIGURE 3.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS: NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE NOT CONSIDERED RELIABLE.

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1241

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	10	22	1777	5	3	2	0	0	0
6-03	10	22	452	6	2	4	0	0	0
6-05	10	22	759	0	0	0	0	0	0
6-07	10	21	1177	6	5	1	0	0	0
6-09	2	21	1501	0	0	0	0	0	0
6-10	2	21	690	0	0	0	0	0	0
6-11	3	21	945	4	3	1	0	0	0
6-12	2	21	324	4	3	1	0	0	0
6-13	7	20	308	0	0	0	0	0	0
6-14	2	21	1093	2	2	0	0	0	0
6-15	2	21	1350	4	1	2	1	0	0
6-16	10	22	301	11	3	7	1	0	0
6-17	7	22	1431	9	2	7	0	0	0
6-18	2	20	3603	1	0	0	1	0	0
6-19	2	22	1291	3	3	0	0	0	0
6-20	3	21	2036	7	1	4	1	1	0
6-21	1	13	4824	8	4	4	0	0	0
	14	25	1293	5	0	5	0	0	0
6-23	7	11	187	13	4	8	1	0	0
	12	19	266	3	0	1	2	0	0
6-25	9	21	5117	15	1	11	3	0	0
6-27	4	10	667	21	5	11	4	1	0
	11	20	937	16	2	9	4	1	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1284

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	3	17	1178	3	0	3	0	0	0
6-03	1	18	741	1	0	1	0	0	0
6-05	3	16	944	0	0	0	0	0	0
6-07	2	17	969	5	3	2	0	0	0
6-09	2	17	2293	0	0	0	0	0	0
6-10	3	10	867	4	1	2	0	1	0
	11	17	1039	7	6	1	0	0	0
6-11	3	11	164	4	3	1	0	0	0
	12	14	475	13	10	3	0	0	0
	15	18	239	10	6	4	0	0	0
6-12	3	18	374	3	1	2	0	0	0
6-13	3	10	141	0	0	0	0	0	0
	11	17	328	9	6	3	0	0	0
6-14	2	16	897	11	8	3	0	0	0
6-15	2	8	1065	1	0	0	0	1	0
	9	13	725	5	3	2	0	0	0
	14	18	1178	14	3	11	0	0	0
6-16	4	6	361	1	0	0	1	0	0
	7	12	697	18	8	10	0	0	0
	13	16	289	17	9	8	0	0	0
6-17	2	4	43++	0	0	0	0	0	0
	5	5	45++	0	0	0	0	0	0
	6	6	47++	2	0	0	0	2	0
	7	7	783	13	1	11	1	0	0
	8	10	2725	11	1	8	2	0	0
	11	11	1767	19	1	15	3	0	0
6-18	3	7	1887	1	0	1	0	0	0
	8	18	929	3	2	1	0	0	0



TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1284

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-19	3	5	40++	0	0	0	0	0	0
	6	8	721	0	0	0	0	0	0
	9	11	548	6	0	0	6	0	0
	12	14	986	5	3	1	1	0	0
	15	18	435	7	4	1	2	0	0
6-20	3	5	53+	0	0	0	0	0	0
	6	8	46++	0	0	0	0	0	0
	9	11	262	11	2	5	4	0	0
	12	14	1010	18	4	12	2	0	0
	15	18	441	34	15	18	1	0	0
6-21	3	5	43++	0	0	0	0	0	0
	6	8	266	1	0	0	1	0	0
	9	11	611	7	3	2	1	0	1
	12	14	401	12	2	10	0	0	0
	15	18	130	14	2	6	5	1	0
6-23	3	5	4+++	0	0	0	0	0	0
	6	8	1350	3	1	2	0	0	0
	9	11	224	8	3	5	0	0	0
	12	14	360	16	7	8	1	0	0
	15	18	490	25	5	18	2	0	0
6-25	3	5	54+	0	0	0	0	0	0
	6	8	155	5	0	1	1	3	0
	9	11	9+++	0	0	0	0	0	0
	12	14	1529	31	2	27	2	0	0
	15	18	557	0	0	0	0	0	0
6-27	3	5	19	0	0	0	0	0	0
	6	8	695	15	1	8	5	1	0
	9	11	10+++	0	0	0	0	0	0
	12	14	1583	27	4	18	4	1	0
	15	18	937	29	6	20	2	1	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1315

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	3	25	1241	2	2	0	0	0	0
6-03	3	22	217	2	0	0	2	0	0
6-05	3	24	98+	2	2	0	0	0	0
6-07	3	25	249	10	3	7	0	0	0
6-09	3	25	483	0	0	0	0	0	0
6-10	3	11	110+	0	0	0	0	0	0
	12	17	238	5	5	0	0	0	0
	18	20	508	2	1	1	0	0	0
	21	25	1945	5	5	0	0	0	0
6-11	2	12	1882	3	2	1	0	0	0
	13	14	1720	4	4	0	0	0	0
	15	17	459	3	2	1	0	0	0
6-12	3	25	842	3	1	2	0	0	0
6-13	3	17	223	6	2	4	0	0	0
	18	25	623	3	0	3	0	0	0
6-14	3	12	1095	3	0	1	2	0	0
	13	25	1099	5	4	1	0	0	0
6-15	3	11	804	10	1	7	2	0	0
	12	16	633	14	7	7	0	0	0
	17	18	484	7	2	5	0	0	0
	19	25	846	16	6	10	0	0	0
6-16	6	6	56+	0	0	0	0	0	0
	7	8	46++	0	0	0	0	0	0
	9	12	641	20	7	12	1	0	0
	13	17	459	23	17	6	0	0	0
	18	19	838	15	6	9	0	0	0
	20	24	1062	16	8	8	0	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1315

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-17	3	6	17++	0	0	0	0	0	0
	7	7	20++	0	0	0	0	0	0
	8	9	378	3	1	1	1	0	0
	10	12	1811	10	2	6	2	0	0
	13	15	731	11	2	8	1	0	0
	16	18	867	10	2	4	4	0	0
	19	25	1265	8	2	6	0	0	0
6-18	3	4	22++	0	0	0	0	0	0
	5	6	17++	0	0	0	0	0	0
	7	8	5+++	0	0	0	0	0	0
	9	9	38++	0	0	0	0	0	0
	10	13	519	2	0	0	2	0	0
	14	18	973	15	1	12	2	0	0
	19	25	828	15	4	8	3	0	0
6-19	3	13	847	6	1	3	2	0	0
	14	17	705	13	3	8	2	0	0
	18	25	742	13	2	8	3	0	0
6-20	3	10	29+++	0	0	0	0	0	0
	11	16	1376	9	3	4	2	0	0
	17	25	942	9	0	5	3	1	0
6-21	4	10	69+	0	0	0	0	0	0
	11	16	985	16	7	6	3	0	0
	17	25	1775	17	5	10	2	0	0
6-23	3	8	130	0	0	0	0	0	0
	9	12	349	2	0	0	2	0	0
	13	16	246	12	5	7	0	0	0
	17	25	2589	10	1	7	1	1	0
6-25	3	9	24++	0	0	0	0	0	0
	10	16	4383	26	2	16	4	4	0
	17	25	2198	25	2	22	1	0	0
6-27	3	10	72+	0	0	0	0	0	0
	11	16	861	23	6	17	0	0	0
	17	25	1343	31	2	26	3	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1360(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	8	23	31++	0	0	0	0	0	0
6-03	8	23	235+	5	2	2	1	0	0
6-05	8	22	147	5	0	5	0	0	0
6-07	9	22	535	8	5	3	0	0	0
6-09	2	22	1049	6	1	5	0	0	0
6-10	9	22	1192	7	2	5	0	0	0
6-11	9	16	437	7	5	0	0	2	0
	17	19	573	9	1	7	1	0	0
	20	22	0+++	0	0	0	0	0	0
6-12	9	16	156	14	7	7	0	0	0
	17	22	262	9	4	5	0	0	0
6-13	9	22	841	2	0	2	0	0	0
6-14	7	14	111	0	0	0	0	0	0
	16	21	501	14	5	8	1	0	0
6-15	9	16	519	0	0	0	0	0	0
	17	19	1518	7	2	4	1	0	0
	20	23	1795	17	5	10	2	0	0
6-16	14	17	170	6	1	4	1	0	0
	18	19	464	12	1	5	4	2	0
	20	23	408	14	4	9	1	0	0
6-17	9	17	85+	2	0	2	0	0	0
	18	23	502	15	3	11	1	0	0
6-18	9	18	144	8	0	7	0	1	0
	19	23	375	8	5	3	0	0	0
6-19	7	17	588	8	0	6	2	0	0
	18	20	786	16	1	12	3	0	0
	21	23	229	16	1	13	2	0	0
6-20	2	23	391	6	0	1	5	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1360(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-21	9	16	191	0	0	0	0	0	0
	17	19	753	12	2	6	3	1	0
	20	23	309	18	4	13	1	0	0
6-23	9	23	265	8	4	2	2	0	0
6-25	9	23	651	13	5	6	2	0	0
6-27	9	23	870	20	7	10	2	1	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1396(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	5	17	178	0	0	0	0	0	0
6-03	5	17	472	5	0	4	1	0	0
6-05	5	17	407	1	1	0	0	0	0
6-07	5	17	532	5	2	1	2	0	0
6-09	5	17	493	7	5	2	0	0	0
6-10	5	17	2231	2	1	0	1	0	0
6-11	5	15	693	10	4	4	1	1	0
	16	17	334	6	0	5	1	0	0
6-12	5	17	467	5	1	3	1	0	0
6-13	5	14	268	7	1	3	3	0	0
	15	17	382	0	0	0	0	0	0
6-14	5	13	367	1	0	1	0	0	0
	14	14	337	2	0	2	0	0	0
	15	15	999	2	0	2	0	0	0
	16	16	759	6	1	4	1	0	0
	17	17	30++	7	0	7	0	0	0
6-15	5	16	1830	8	2	5	1	0	0
6-16	7	14	709	5	0	3	2	0	0
	15	19	691	16	9	6	1	0	0
6-17	5	13	91+	14	4	8	2	0	0
	14	17	659	17	8	7	2	0	0
6-18	5	13	315	13	0	8	3	2	0
	14	14	932	9	2	4	2	1	0
	15	16	266	5	1	3	1	0	0
6-19	5	13	408	4	0	1	3	0	0
	14	17	718	4	0	4	0	0	0
6-20	5	16	432	7	1	5	1	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1396(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-21	5	16	855	9	0	6	1	2	0
6-23	5	16	754	6	0	4	1	1	0
6-25	5	16	487	8	2	5	0	1	0
6-27	5	16	1773	15	2	8	3	2	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1425(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	2	17	793	1	0	1	0	0	0
6-03	1	17	193+	2	0	2	0	0	0
6-05	1	17	209	1	0	1	0	0	0
6-07	2	17	935	5	0	5	0	0	0
6-09	2	17	621	2	2	0	0	0	0
6-10	2	7	119+	7	4	3	0	0	0
	8	10	833	7	2	5	0	0	0
	11	17	384	12	4	8	0	0	0
6-11	2	12	257	6	4	2	0	0	0
	13	17	0	0	0	0	0	0	0
6-12	1	7	153	4	0	2	1	1	0
	8	17	28++	11	4	7	0	0	0
6-13	4	8	48++	0	0	0	0	0	0
	9	13	69+	3	0	3	0	0	0
	14	17	8+++	0	0	0	0	0	0
6-14	7	7	654	9	5	3	1	0	0
	8	8	438	3	0	2	1	0	0
	9	16	130+	12	4	6	2	0	0
6-15	3	7	51++	8	2	6	0	0	0
	8	12	120+	25	8	15	2	0	0
	13	16	24++	0	0	0	0	0	0
6-16	4	7	21++	9	0	9	0	0	0
	8	11	82+	10	2	4	2	2	0
	12	14	42++	2	0	0	2	0	0
	15	16	0+++	0	0	0	0	0	0
6-17	4	6	41+++	0	0	0	0	0	0
	7	8	56++	0	0	0	0	0	0
	9	14	79++	9	5	3	1	0	0
6-18	2	7	565	1	0	0	0	1	0
	8	16	242	21	8	12	1	0	0



TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1425(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-19	3	10	55++	13	2	9	2	0	0
	11	16	130	7	3	4	0	0	0
6-20	2	10	178	3	1	0	0	2	0
	11	16	190	8	0	6	2	0	0
6-21	2	15	228+	18	3	13	2	0	0
6-23	1	17	258	19	11	8	0	0	0
6-25	2	16	212	14	3	10	1	0	0
6-27	8	16	664	14	3	7	3	1	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	4	16	187+	8	3	5	0	0	0
6-03	4	17	235	6	2	3	1	0	0
6-05	5	16	197	5	0	2	3	0	0
6-07	5	15	389	5	1	4	0	0	0
6-09	4	9	858	0	0	0	0	0	0
	10	14	1290	7	1	5	1	0	0
	22	26	385	6	3	3	0	0	0
6-10	4	8	769	6	2	3	0	1	0
	9	10	765	9	5	2	2	0	0
	11	11	1148	15	3	12	0	0	0
	12	15	102+	9	2	5	2	0	0
	22	24	1420	9	4	4	1	0	0
	25	25	1773	23	11	11	1	0	0
6-11	5	8	504	0	0	0	0	0	0
	9	9	368	5	1	2	2	0	0
	10	10	459	13	2	8	3	0	0
	11	15	164	9	2	5	2	0	0
	22	23	732	9	0	6	3	0	0
	24	24	623	7	0	4	3	0	0
	25	26	255	18	6	10	2	0	0
6-12	4	6	1+++	0	0	0	0	0	0
	7	7	9+++	0	0	0	0	0	0
	8	8	7+++	13	13	0	0	0	0
	9	9	10+++	0	0	0	0	0	0
	10	10	73+	3	1	0	0	2	0
	11	11	83+	10	1	6	1	2	0
	12	12	16+++	6	0	6	0	0	0
	13	13	218	26	12	12	2	0	0
	14	14	216+	22	6	15	1	0	0
	15	15	0+++	0	0	0	0	0	0
	16	16	47++	13	11	2	0	0	0
	22	23	8+++	0	0	0	0	0	0
	24	24	14++	0	0	0	0	0	0
	25	25	308	12	0	6	6	0	0
	26	26	13+++	15	7	8	0	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-13	5	5	0+++	0	0	0	0	0	0
	6	6	7+++	0	0	0	0	0	0
	7	7	6+++	0	0	0	0	0	0
	8	8	17++	0	0	0	0	0	0
	9	9	80+	0	0	0	0	0	0
	10	10	240	5	2	3	0	0	0
	11	11	82+	12	1	9	1	1	0
	12	12	198	19	5	12	2	0	0
	13	15	133+	16	4	12	0	0	0
	22	22	340	15	4	9	2	0	0
	23	23	136	8	1	6	1	0	0
	24	24	146	11	5	4	2	0	0
	25	25	642	0	0	0	0	0	0
	26	26	100+	25	8	15	2	0	0
6-14	7	7	37++	0	0	0	0	0	0
	8	8	34++	0	0	0	0	0	0
	9	9	630	0	0	0	0	0	0
	10	10	72+	4	0	4	0	0	0
	11	11	206	14	5	6	3	0	0
	12	12	69+	9	0	9	0	0	0
	13	13	306	11	9	2	0	0	0
	15	15	76+	0	0	0	0	0	0
	23	23	903	8	1	6	1	0	0
	24	24	138	8	1	5	1	1	0
	25	25	1203	6	0	2	4	0	0
	26	26	51++	6	2	4	0	0	0
	27	27	39++	10	0	8	2	0	0
6-15	4	6	8+++	0	0	0	0	0	0
	7	7	60+	3	0	0	2	1	0
	8	8	90+	2	0	2	0	0	0
	9	9	412	8	0	4	4	0	0
	10	10	549	8	0	3	5	0	0
	11	11	473	16	1	13	2	0	0
	12	14	856	18	3	12	3	0	0
	22	23	457	24	5	15	4	0	0
	24	27	597	35	5	30	0	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-16	5	7	4+++	0	0	0	0	0	0
	8	9	34++	9	0	9	0	0	0
	10	11	726	11	5	1	5	0	0
	12	15	59++	10	2	5	3	0	0
	22	26	184	5	1	2	1	1	0
6-17	5	6	5+++	0	0	0	0	0	0
	7	7	6+++	0	0	0	0	0	0
	8	8	11+++	0	0	0	0	0	0
	9	9	100+	4	2	2	0	0	0
	10	11	495	10	1	6	2	1	0
	12	13	20++	25	10	15	0	0	0
	14	16	34++	3	0	3	0	0	0
	22	24	349	33	7	20	6	0	0
	25	26	11+++	9	9	0	0	0	0
6-18	5	5	11+++	0	0	0	0	0	0
	6	6	39++	5	3	0	0	2	0
	7	7	31++	0	0	0	0	0	0
	8	8	415	13	1	5	5	2	0
	9	9	458	13	1	4	7	1	0
	10	10	405	18	3	11	4	0	0
	11	11	524	21	3	13	5	0	0
	12	16	136	13	4	6	2	1	0
	22	23	329	20	5	14	1	0	0
	24	24	945	15	2	10	2	1	0
	25	25	935	30	10	18	1	1	0
6-19	5	7	9+++	0	0	0	0	0	0
	8	8	155	4	0	3	0	1	0
	9	11	1405	12	0	2	8	2	0
	12	15	95+	9	3	4	1	1	0
	22	26	827	14	0	11	3	0	0
6-20	5	7	21++	0	0	0	0	0	0
	8	11	849	6	0	1	2	3	0
	12	16	276	26	4	16	6	0	0
	22	26	1600	11	3	6	1	1	0
6-21	5	8	34++	6	6	0	0	0	0
	9	11	546	8	1	3	3	0	1
	12	16	652	21	4	11	6	0	0
	22	26	1029	26	8	16	2	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-23	5	8	11+++	0	0	0	0	0	0
	9	16	765	14	1	8	4	1	0
	22	26	465	25	5	13	5	2	0
6-25	5	16	1216	21	2	11	7	1	0
	22	26	347	21	4	13	3	1	0
6-27	5	16	1479	29	5	23	1	0	0
	22	26	1109	27	7	16	2	2	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	3	10	323	4	2	2	0	0	0
	11	15	129	10	1	9	0	0	0
6-03	2	10	86+	0	0	0	0	0	0
	11	15	82++	0	0	0	0	0	0
6-05	2	9	245	9	2	6	1	0	0
	10	15	275	3	0	0	2	0	1
6-07	2	9	273	5	0	1	4	0	0
	10	14	68+	9	4	3	0	2	0
6-09	1	5	40++	0	0	0	0	0	0
	6	10	673	7	3	4	0	0	0
	11	15	265	16	13	3	0	0	0
6-10	1	6	1530	1	0	0	1	0	0
	7	10	2573	7	2	2	3	0	0
	11	14	564	30	13	16	1	0	0
6-11	2	5	34++	0	0	0	0	0	0
	6	6	588	1	0	1	0	0	0
	7	7	85+	6	2	4	0	0	0
	8	8	419	7	2	4	1	0	0
	9	9	88++	7	3	4	0	0	0
	10	11	55++	5	4	0	1	0	0
	12	14	73++	7	1	6	0	0	0
6-12	3	5	100+	1	1	0	0	0	0
	6	7	406	6	4	0	1	1	0
	8	8	198	13	5	6	2	0	0
	9	9	67+	12	1	9	2	0	0
	10	10	14+++	28	7	21	0	0	0
	11	11	7+++	52	26	26	0	0	0
	12	12	18+++	27	0	27	0	0	0
	13	13	493	14	6	8	0	0	0
	14	14	6+++	0	0	0	0	0	0
	15	15	5+++	0	0	0	0	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-13	2	4	11+++	0	0	0	0	0	0
	5	5	6+++	0	0	0	0	0	0
	6	6	130	0	0	0	0	0	0
	7	7	262	13	2	8	3	0	0
	8	8	503	15	2	10	3	0	0
	9	9	734	14	2	7	5	0	0
	10	10	881	13	1	10	2	0	0
	11	11	59++	10	2	5	3	0	0
	12	12	924	29	9	17	3	0	0
	13	15	49++	10	0	10	0	0	0
6-14	6	6	862	7	0	5	0	2	0
	7	7	994	5	1	3	1	0	0
	8	8	403	11	3	5	3	0	0
	9	9	712	6	0	3	3	0	0
	10	10	459	11	0	10	0	1	0
	11	11	29++	7	0	7	0	0	0
	12	12	34+++	6	3	3	0	0	0
	13	13	37++	5	0	5	0	0	0
	14	14	15+++	13	0	13	0	0	0
	15	15	8+++	0	0	0	0	0	0
6-15	2	4	32++	0	0	0	0	0	0
	5	5	20++	0	0	0	0	0	0
	6	6	171	1	1	0	0	0	0
	7	7	244	5	1	1	2	1	0
	8	8	124	17	2	9	6	0	0
	9	9	255	17	0	9	7	1	0
	10	10	245	15	2	12	1	0	0
	11	11	1365	7	0	3	2	2	0
	12	15	202	24	10	14	0	0	0
6-17	3	6	12+++	0	0	0	0	0	0
	7	7	107+	10	0	7	1	2	0
	8	8	294	11	1	8	1	1	0
	9	9	244	12	3	5	3	1	0
	10	11	1260	15	6	7	2	0	0
	12	15	155	31	11	18	1	1	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-18	3	4	9+++	0	0	0	0	0	0
	5	5	6+++	0	0	0	0	0	0
	6	6	203	14	3	6	5	0	0
	7	7	1095	4	0	1	2	1	0
	8	8	1037	6	1	3	2	0	0
	9	9	192	15	1	6	7	1	0
	10	11	939	27	1	23	3	0	0
	12	12	523	33	18	15	0	0	0
	13	15	214	21	1	18	2	0	0
6-19	3	5	11++	0	0	0	0	0	0
	6	9	481	12	0	7	2	3	0
	10	15	251	20	8	12	0	0	0
6-20	3	5	10+++	0	0	0	0	0	0
	6	7	549	14	2	9	3	0	0
	8	10	385	30	10	16	4	0	0
	11	15	439	30	11	19	0	0	0
6-21	3	5	102	1	0	0	0	1	0
	6	6	501	4	0	3	0	1	0
	7	9	328	20	3	12	4	1	0
	10	11	398	20	5	11	2	2	0
	12	13	658	25	6	17	1	1	0
	14	15	44++	27	9	11	7	0	0
6-23	5	8	1045	8	0	4	3	1	0
	9	15	208	16	6	9	1	0	0
6-25	3	6	34++	9	0	3	3	3	0
	7	7	366	14	0	8	6	0	0
	8	8	520	30	0	18	10	2	0
	9	10	761	9	0	6	2	1	0
	11	14	74++	9	0	9	0	0	0
6-27	5	6	22++	9	0	9	0	0	0
	7	7	295	20	3	11	4	2	0
	8	8	704	10	0	6	2	2	0
	9	9	421	21	2	16	3	0	0
	10	10	770	34	5	24	5	0	0
	11	11	663	28	3	15	10	0	0
	12	14	191	30	12	18	0	0	0



TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
7-03	5	7	442+	7	1	0	4	2	0
	8	9	480+	23	3	12	5	3	0
	10	15	121++	4	0	4	0	0	0
7-05	6	8	540	13	1	3	8	1	0
	9	10	256++	15	2	7	6	0	0
	11	11	408+	13	3	5	5	0	0
	12	13	42+++	0	0	0	0	0	0
7-07	6	9	62	0	0	0	0	0	0
	10	12	18++	21	0	16	5	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1573

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	8	10	89+	3	0	3	0	0	0
	11	14	4+++	47	0	47	0	0	0
6-03	1	11	104+	8	1	7	0	0	0
	12	14	5+++	0	0	0	0	0	0
6-05	1	11	45++	0	0	0	0	0	0
	12	14	0	0	0	0	0	0	0
6-07	2	11	37++	11	0	11	0	0	0
	12	14	22+++	5	0	5	0	0	0
6-09	2	6	53+	0	0	0	0	0	0
	7	10	1387	3	2	1	0	0	0
	10	14	1066	15	7	5	3	0	0
6-10	2	6	48++	0	0	0	0	0	0
	7	10	1094	14	6	8	0	0	0
	11	14	1255	22	6	12	4	0	0
6-11	2	7	331	1	1	0	0	0	0
	8	8	503	6	2	3	1	0	0
	9	10	39++	13	3	5	0	2	3
	11	14	316	24	10	12	2	0	0
6-12	3	7	185	2	1	1	0	0	0
	8	8	746	5	2	0	1	1	1
	9	9	830	4	1	1	2	0	0
	10	10	517	26	2	16	8	0	0
	11	11	481	29	9	18	2	0	0
	12	12	1201	29	11	18	0	0	0
	13	14	131++	14	6	8	0	0	0
6-13	3	6	42++	0	0	0	0	0	0
	7	8	332	0	0	0	0	0	0
	9	9	209	7	0	3	4	0	0
	10	10	1516	12	0	9	3	0	0
	11	11	783	6	1	5	0	0	0
	12	12	277	11	7	4	0	0	0
	13	13	269	10	7	2	1	0	0
	14	14	59++	7	0	7	0	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1573

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-14	5	6	283	6	2	2	1	1	0
	7	7	382	2	0	2	0	0	0
	8	8	1527	9	1	4	4	0	0
	9	9	945	10	1	5	4	0	0
	10	10	69+	16	4	12	0	0	0
	11	11	508	16	4	12	0	0	0
	12	12	572	18	11	7	0	0	0
	13	13	476	34	9	24	1	0	0
	14	14	370	28	7	20	1	0	0
6-15	2	4	5+++	0	0	0	0	0	0
	5	6	22++	5	0	0	0	5	0
	7	7	119	1	0	0	0	1	0
	8	8	594	3	0	2	1	0	0
	9	9	49++	16	0	8	8	0	0
	10	11	30++	7	7	0	0	0	0
	12	12	629	20	2	14	4	0	0
	13	14	56++	9	2	7	0	0	0
6-17	3	4	11+++	0	0	0	0	0	0
	5	6	16+++	0	0	0	0	0	0
	7	7	743	3	0	1	1	1	0
	8	8	894	11	0	5	5	1	0
	9	9	916	16	2	8	5	1	0
	10	10	1274	25	1	19	5	0	0
	11	11	544	9	1	5	2	1	0
	12	12	660	21	2	14	4	1	0
	13	13	467	26	12	14	0	0	0
	14	14	62++	13	2	11	0	0	0
6-18	2	6	226	0	0	0	0	0	0
	7	8	569	10	0	2	6	2	0
	9	9	635	11	3	5	2	1	0
	10	10	1649	13	1	8	4	0	0
	11	13	113+	23	2	20	1	0	0
	14	15	7+++	0	0	0	0	0	0
6-19	2	8	215	7	3	3	1	0	0
	9	11	1011	28	2	17	8	0	1
	12	14	132	15	3	11	1	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1573

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-20	1	7	799	8	0	6	1	1	0
	8	8	1300	9	1	4	2	1	1
	9	11	1626	0	0	0	0	0	0
	12	14	544	27	9	17	1	0	0
6-21	3	7	17++	0	0	0	0	0	0
	8	8	617	14	0	7	6	1	0
	9	9	936	7	1	4	1	1	0
	10	10	735	15	2	8	5	0	0
	11	11	878	36	14	20	2	0	0
	12	14	155+	31	12	17	2	0	0
6-23	1	7	46++	0	0	0	0	0	0
	8	9	1261	8	0	0	4	3	1
	10	12	458	26	6	19	1	0	0
	13	14	83++	17	6	7	4	0	0
6-25	2	10	1295	28	3	23	2	0	0
	11	11	500	30	9	19	2	0	0
	12	14	396	28	14	13	1	0	0
6-27	5	7	5+++	17	0	0	0	17	0
	8	8	345	7	0	2	2	3	0
	9	9	317	29	4	13	10	2	0
	10	10	507	17	2	9	5	1	0
	11	11	646	39	4	26	9	0	0
	12	12	323	0	0	0	0	0	0
	13	14	413	25	8	17	0	0	0
7-05	8	11	139++	5	1	1	1	2	0
	12	14	130+	29	7	14	7	1	0
7-07	8	10	341+	15	3	9	2	1	0
	11	14	51++	33	10	11	6	6	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1610

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	2	18	286	3	0	3	0	0	0
6-03	2	15	161+	0	0	0	0	0	0
	16	17	0+++	0	0	0	0	0	0
6-05	2	15	91+	3	0	0	1	2	0
	16	17	0+++	0	0	0	0	0	0
6-07	2	15	1026	10	0	8	2	0	0
	16	18	55++	0	0	0	0	0	0
6-09	2	10	67+	0	0	0	0	0	0
	11	18	2637	7	1	5	1	0	0
6-10	3	12	1796	13	3	9	1	0	0
	12	12	1649	19	3	14	2	0	0
	13	13	1379	13	0	10	2	1	0
	14	15	560	12	1	8	3	0	0
	16	16	1282	15	2	11	2	0	0
	17	18	468	13	6	7	0	0	0
6-11	2	12	1882	15	4	7	4	0	0
	13	14	1720	15	5	8	2	0	0
	15	17	459	15	4	8	2	1	0
6-12	3	13	1067	10	2	4	3	1	0
	14	18	524	22	8	11	2	1	0
6-13	4	15	1659	3	0	1	2	0	0
	16	18	197	14	6	4	4	0	0
6-14	3	10	83+	0	0	0	0	0	0
	11	11	64+	5	0	2	3	0	0
	12	12	56++	2	0	2	0	0	0
	13	13	986	9	0	6	3	0	0
	14	14	516	9	1	6	2	0	0
	15	15	857	20	7	12	1	0	0
	16	16	11+++	0	0	0	0	0	0
	17	17	204	28	8	18	2	0	0
	18	18	84++	14	6	8	0	0	0
6-15	2	15	1984	13	1	8	3	1	0
	16	18	1518	19	2	13	4	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1610

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF PINK TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-17	4	15	3876	19	2	10	6	1	0
	16	18	208	26	16	9	1	0	0
6-18	2	8	17+++	0	0	0	0	0	0
	9	11	466	13	0	3	9	1	0
	12	12	176	14	1	7	5	1	0
	13	13	401	24	2	17	5	0	0
	14	14	430	13	0	8	5	0	0
	15	15	539	17	3	10	4	0	0
	16	16	396	25	3	17	5	0	0
	17	18	17++	12	0	12	0	0	0
6-19	3	15	1072	10	1	6	2	1	0
	16	18	622	25	3	19	2	1	0
6-20	3	15	1134	28	6	15	6	1	0
	16	18	119+	17	7	10	0	0	0
6-21	3	15	388	15	0	6	9	0	0
	16	18	1613	28	4	22	2	0	0
6-23	2	15	1327	22	2	15	5	0	0
	16	18	66++	9	0	9	0	0	0
6-25	2	18	553	28	7	16	2	3	0
6-27	6	10	22++	9	0	9	0	0	0
	11	13	247	19	2	9	6	2	0
	14	14	761	25	4	16	5	0	0
	15	15	493	43	5	31	7	0	0
	16	17	79+	20	8	11	1	0	0
7-01	11	11	476	14	0	6	4	4	0
	12	12	807	24	1	14	8	1	0
	13	17	377+	20	5	13	2	0	0
7-05	9	17	374+	19	3	14	1	1	0
7-07	12	17	6+++	0	0	0	0	0	0

TABLE 19.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

- (1) PINK TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 3047 ON MAY 18, 1979.
- (2) REPRESENTS TOTAL MASS, IN GRAMS, RETAINED IN BEDLOAD SAMPLER AS MEASURED IN THE FIELD. FOR SUBSEQUENT ANALYSIS OF NUMBER AND SIZE OF TRACER, PARTICLES SMALLER THAN 0.25 MM AND LARGER THAN 8.0 MM WERE DISCARDED. REMAINING SAMPLES WEIGHING MORE THAN 100 GRAMS WERE CUT TO A STANDARD 100 GRAM-PORTION; SAMPLES WEIGHING LESS THAN 100 GRAMS WERE ANALYZED INTACT.
- (3) DOES NOT INCLUDE TRACER PARTICLES MEASURED IN TRANSPORT AT SECTION 1400, A BYPASS CHANNEL COMMON TO SECTIONS 1360, 1396, AND 1425. SEE FIGURE 3.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS: NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1241

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	10	22	1777	11	0	6	4	1	0
6-03	10	22	452	12	2	7	3	0	0
6-05	10	22	759	7	0	2	4	1	0
6-07	10	21	1177	9	0	5	4	0	0
6-09	2	21	1501	5	2	1	2	0	0
6-10	2	21	690	3	2	0	1	0	0
6-11	3	21	945	12	5	6	1	0	0
6-12	2	21	324	12	1	6	4	1	0
6-13	7	20	308	18	4	11	1	1	1
6-14	2	21	1093	11	5	5	1	0	0
6-15	2	21	1350	12	0	7	4	1	0
6-16	10	22	301	15	4	9	2	0	0
6-17	7	22	1431	5	0	2	1	2	0
6-18	2	20	3603	6	1	1	3	1	0
6-19	2	22	1291	0	0	0	0	0	0
6-20	3	21	2036	3	0	2	1	0	0
6-21	1	13	4824	2	0	2	0	0	0
	14	25	1293	5	0	4	1	0	0
6-23	7	11	187	4	1	3	0	0	0
	12	19	266	0	0	0	0	0	0
6-25	9	21	5117	0	0	0	0	0	0
6-27	4	10	667	2	0	2	0	0	0
	11	20	937	2	0	2	0	0	0



TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1284

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	3	17	1178	12	2	7	3	0	0
6-03	1	18	741	2	0	1	1	0	0
6-05	3	16	944	5	1	4	0	0	0
6-07	2	17	969	2	0	0	2	0	0
6-09	2	17	2293	0	0	0	0	0	0
6-10	3	10	867	1	1	0	0	0	0
	11	17	1039	16	12	2	2	0	0
6-11	3	11	164	2	0	1	1	0	0
	12	14	475	8	2	4	2	0	0
	15	18	239	5	5	0	0	0	0
6-12	3	18	374	2	0	2	0	0	0
6-13	3	10	141	4	2	0	1	1	0
	11	17	328	0	0	0	0	0	0
6-14	2	16	897	11	3	8	0	0	0
6-15	2	8	1065	0	0	0	0	0	0
	9	13	725	1	0	0	1	0	0
	14	18	1178	12	5	3	3	1	0
6-16	4	6	361	0	0	0	0	0	0
	7	12	697	10	2	7	1	0	0
	13	16	289	3	2	1	0	0	0
6-17	2	4	43++	0	0	0	0	0	0
	5	5	45++	0	0	0	0	0	0
	6	6	47++	0	0	0	0	0	0
	7	7	783	2	1	1	0	0	0
	8	10	2725	2	0	0	2	0	0
	11	11	1767	9	1	5	3	0	0
	12	18	1497	6	0	2	3	1	0
6-18	3	7	1887	2	0	0	1	1	0
	8	18	929	8	2	5	1	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1284

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-19	3	5	40++	2	0	0	0	2	0
	6	8	721	0	0	0	0	0	0
	9	11	548	2	1	0	1	0	0
	12	14	986	1	0	1	0	0	0
	15	18	435	6	3	3	0	0	0
6-20	3	5	53+	0	0	0	0	0	0
	6	8	46++	0	0	0	0	0	0
	9	11	262	5	0	1	4	0	0
	12	14	1010	3	0	0	2	1	0
	15	18	441	3	1	2	0	0	0
6-21	3	5	43++	0	0	0	0	0	0
	6	8	266	0	0	0	0	0	0
	9	11	611	3	1	0	2	0	0
	12	14	401	0	0	0	0	0	0
	15	18	130	2	1	1	0	0	0
6-23	3	5	4+++	0	0	0	0	0	0
	6	8	1350	0	0	0	0	0	0
	9	11	224	2	2	0	0	0	0
	12	14	360	2	0	2	0	0	0
	15	18	490	2	0	2	0	0	0
6-25	3	5	54+	0	0	0	0	0	0
	6	8	155	0	0	0	0	0	0
	9	11	9+++	0	0	0	0	0	0
	12	14	1529	1	0	1	0	0	0
	15	18	557	0	0	0	0	0	0
6-27	3	5	19	0	0	0	0	0	0
	6	8	695	0	0	0	0	0	0
	9	11	10+++	0	0	0	0	0	0
	12	14	1583	1	0	1	0	0	0
	15	18	937	9	0	9	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1315

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	3	25	1241	4	0	1	3	0	0
6-03	3	22	217	9	3	5	1	0	0
6-05	3	24	98+	3	0	2	1	0	0
6-07	3	25	249	11	3	7	1	0	0
6-09	3	25	483	5	3	2	0	0	0
6-10	3	11	110+	1	0	1	0	0	0
	12	17	238	4	3	0	1	0	0
	18	20	508	20	7	13	0	0	0
	21	25	1945	9	2	7	0	0	0
6-11	2	12	1882	4	0	3	1	0	0
	13	14	1720	6	0	1	3	2	0
	15	17	459	16	4	12	0	0	0
6-12	3	25	842	6	0	3	3	0	0
6-13	3	17	223	1	1	0	0	0	0
	18	25	623	5	1	3	1	0	0
6-14	3	12	1095	4	1	1	2	0	0
	13	25	1099	0	0	0	0	0	0
6-15	3	11	804	1	0	0	0	0	1
	12	16	633	2	0	1	1	0	0
	17	18	484	5	0	5	0	0	0
	19	25	846	3	0	3	0	0	0
6-16	6	6	56+	2	0	0	0	2	0
	7	8	46++	0	0	0	0	0	0
	9	12	641	7	4	3	0	0	0
	13	17	459	5	1	3	1	0	0
	18	19	838	3	1	1	1	0	0
	20	24	1062	1	0	1	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1315

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-17	3	6	17++	0	0	0	0	0	
	7	7	20++	0	0	0	0	0	
	8	9	378	0	0	0	0	0	
	10	12	1811	4	1	1	2	0	
	13	15	731	1	1	0	0	0	
	16	18	867	6	1	4	0	1	
	19	25	1265	5	0	1	2	2	
6-18	3	4	22++	0	0	0	0	0	
	5	6	17++	0	0	0	0	0	
	7	8	5+++	0	0	0	0	0	
	9	9	38++	0	0	0	0	0	
	10	13	519	0	0	0	0	0	
	14	18	973	0	0	0	0	0	
	19	25	828	3	0	3	0	0	
6-19	3	13	847	0	0	0	0	0	
	14	17	705	0	0	0	0	0	
	18	25	742	3	0	3	0	0	
6-20	3	10	29+++	0	0	0	0	0	
	11	16	1376	0	0	0	0	0	
	17	25	942	2	1	1	0	0	
6-21	4	10	69+	0	0	0	0	0	
	11	16	985	0	0	0	0	0	
	17	25	1775	2	0	2	0	0	
6-23	3	8	130	1	0	0	0	1	
	9	12	349	0	0	0	0	0	
	13	16	246	0	0	0	0	0	
	17	25	2589	2	0	0	0	2	
6-25	3	9	24++	0	0	0	0	0	
	10	16	4383	0	0	0	0	0	
	17	25	2198	2	0	2	0	0	
6-27	3	10	72+	0	0	0	0	0	
	11	16	861	10	2	8	0	0	
	17	25	1343	3	2	1	0	0	

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1360(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	8	23	31++	0	0	0	0	0	0
6-03	8	23	235+	2	0	1	1	0	0
6-05	8	22	147	3	0	3	0	0	0
6-07	9	22	535	3	0	0	2	1	0
6-09	2	22	1049	0	0	0	0	0	0
6-10	9	22	1192	3	2	1	0	0	0
6-11	9	16	437	3	1	0	1	1	0
	17	19	573	3	0	1	1	1	0
	20	22	0+++	0	0	0	0	0	0
6-12	9	16	156	1	0	1	0	0	0
	17	22	262	1	1	0	0	0	0
6-13	9	22	841	0	0	0	0	0	0
6-14	7	14	111	0	0	0	0	0	0
	16	21	501	2	0	2	0	0	0
6-15	9	16	519	1	0	0	0	0	1
	17	19	1518	0	0	0	0	0	0
	20	23	1795	0	0	0	0	0	0
6-16	14	17	170	0	0	0	0	0	0
	18	19	464	3	0	1	1	1	0
	20	23	408	5	1	3	1	0	0
6-17	9	17	85+	0	0	0	0	0	0
	18	23	502	2	1	1	0	0	0
6-18	9	18	144	1	1	0	0	0	0
	19	23	375	0	0	0	0	0	0
6-19	7	17	588	0	0	0	0	0	0
	18	20	786	0	0	0	0	0	0
	21	23	229	0	0	0	0	0	0
6-20	2	23	391	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1360(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-21	9	16	191	0	0	0	0	0	0
	17	19	753	0	0	0	0	0	0
	20	23	309	0	0	0	0	0	0
6-23	9	23	265	0	0	0	0	0	0
6-25	9	23	651	0	0	0	0	0	0
6-27	9	23	870	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1396(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	5	17	178	0	0	0	0	0	0
6-03	5	17	472	2	0	2	0	0	0
6-05	5	17	407	1	1	0	0	0	0
6-07	5	17	532	1	0	1	0	0	0
6-09	5	17	493	0	0	0	0	0	0
6-10	5	17	2231	1	0	0	1	0	0
6-11	5	15	693	0	0	0	0	0	0
	16	17	334	2	1	1	0	0	0
6-12	5	17	467	2	0	0	2	0	0
6-13	5	14	268	2	0	1	0	1	0
	15	17	382	0	0	0	0	0	0
6-14	5	13	367	0	0	0	0	0	0
	14	14	337	0	0	0	0	0	0
	15	15	999	1	0	1	0	0	0
	16	16	759	3	1	2	0	0	0
	17	17	30++	0	0	0	0	0	0
6-15	5	16	1830	2	0	0	1	1	0
6-16	7	14	709	0	0	0	0	0	0
	15	19	691	0	0	0	0	0	0
6-17	5	13	91+	0	0	0	0	0	0
	14	17	659	3	0	1	1	1	0
6-18	5	13	315	0	0	0	0	0	0
	14	14	932	0	0	0	0	0	0
	15	16	266	0	0	0	0	0	0
6-19	5	13	408	0	0	0	0	0	0
	14	17	718	0	0	0	0	0	0
6-20	5	16	432	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1396(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-21	5	16	855	0	0	0	0	0	0
6-23	5	16	754	0	0	0	0	0	0
6-25	5	16	487	0	0	0	0	0	0
6-27	5	16	1773	1	0	0	1	0	0



TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1425(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	2	17	793	4	0	3	1	0	0
6-03	1	17	193+	0	0	0	0	0	0
6-05	1	17	209	0	0	0	0	0	0
6-07	2	17	935	9	2	1	6	0	0
6-09	2	17	621	0	0	0	0	0	0
6-10	2	7	119+	1	1	0	0	0	0
	8	10	833	3	1	0	0	2	0
	11	17	384	2	2	0	0	0	0
6-11	2	12	257	3	1	0	2	0	0
	13	17	0	0	0	0	0	0	0
6-12	1	7	153	1	1	0	0	0	0
	8	17	28++	0	0	0	0	0	0
6-13	4	8	48++	0	0	0	0	0	0
	9	13	69+	0	0	0	0	0	0
	14	17	8+++	0	0	0	0	0	0
6-14	7	7	654	0	0	0	0	0	0
	8	8	438	0	0	0	0	0	0
	9	16	130+	0	0	0	0	0	0
6-15	3	7	51++	0	0	0	0	0	0
	8	12	120+	0	0	0	0	0	0
	13	16	24++	0	0	0	0	0	0
6-16	4	7	21++	0	0	0	0	0	0
	8	11	82+	0	0	0	0	0	0
	12	14	42++	0	0	0	0	0	0
	15	16	0+++	0	0	0	0	0	0
6-17	4	6	41+++	0	0	0	0	0	0
	7	8	56++	2	0	2	0	0	0
	9	14	79++	1	0	1	0	0	0
6-18	2	7	565	0	0	0	0	0	0
	8	16	242	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1425(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-19	3	10	55++	0	0	0	0	0	0
	11	16	130	0	0	0	0	0	0
6-20	2	10	178	0	0	0	0	0	0
	11	16	190	0	0	0	0	0	0
6-21	2	15	228+	0	0	0	0	0	0
6-23	1	17	258	0	0	0	0	0	0
6-25	2	16	212	0	0	0	0	0	0
6-27	8	16	664	1	0	0	0	0	1

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	4	16	187+	5	0	3	2	0	0
6-03	4	17	235	3	0	0	3	0	0
6-05	5	16	197	2	0	0	2	0	0
6-07	5	15	389	1	0	0	1	0	0
6-09	4	9	858	0	0	0	0	0	0
	10	14	1290	0	0	0	0	0	0
	22	26	385	0	0	0	0	0	0
6-10	4	8	769	1	1	0	0	0	0
	9	10	765	0	0	0	0	0	0
	11	11	1148	1	0	1	0	0	0
	12	15	102+	2	0	0	2	0	0
	22	24	1420	3	1	1	0	1	0
	25	25	1773	0	0	0	0	0	0
6-11	5	8	504	1	1	0	0	0	0
	9	9	368	1	0	0	0	0	1
	10	10	459	3	1	2	0	0	0
	11	15	164	5	1	4	0	0	0
	22	23	732	2	1	1	0	0	0
	24	24	623	9	3	3	3	0	0
	25	26	255	2	0	2	0	0	0
6-12	4	6	1+++	0	0	0	0	0	0
	7	7	9+++	0	0	0	0	0	0
	8	8	7+++	0	0	0	0	0	0
	9	9	10+++	0	0	0	0	0	0
	10	10	73+	0	0	0	0	0	0
	11	11	83+	1	1	0	0	0	0
	12	12	16+++	0	0	0	0	0	0
	13	13	218	4	1	3	0	0	0
	14	14	216+	2	0	2	0	0	0
	15	15	0+++	0	0	0	0	0	0
	16	16	47++	0	0	0	0	0	0
	22	23	8+++	0	0	0	0	0	0
	24	24	14+++	0	0	0	0	0	0
	25	25	308	2	1	1	0	0	0
	26	26	13+++	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-13	5	5	0+++	0	0	0	0	0	0
	6	6	7+++	0	0	0	0	0	0
	7	7	6+++	0	0	0	0	0	0
	8	8	17++	0	0	0	0	0	0
	9	9	80+	0	0	0	0	0	0
	10	10	240	0	0	0	0	0	0
	11	11	82+	0	0	0	0	0	0
	12	12	198	1	0	1	0	0	0
	13	15	133+	2	0	2	0	0	0
	22	22	340	1	0	1	0	0	0
	23	23	136	0	0	0	0	0	0
	24	24	146	0	0	0	0	0	0
	25	25	642	1	0	1	0	0	0
	26	26	100+	0	0	0	0	0	0
6-14	7	7	37++	0	0	0	0	0	0
	8	8	34++	0	0	0	0	0	0
	9	9	630	0	0	0	0	0	0
	10	10	72+	0	0	0	0	0	0
	11	11	206	0	0	0	0	0	0
	12	12	69+	0	0	0	0	0	0
	13	13	306	0	0	0	0	0	0
	15	15	76+	0	0	0	0	0	0
	23	23	903	1	0	1	0	0	0
	24	24	138	3	1	1	1	0	0
	25	25	1203	0	0	0	0	0	0
	26	26	51++	0	0	0	0	0	0
	27	27	39++	3	0	3	0	0	0
6-15	4	6	8+++	0	0	0	0	0	0
	7	7	60+	0	0	0	0	0	0
	8	8	90+	1	1	0	0	0	0
	9	9	412	1	0	0	0	1	0
	10	10	549	0	0	0	0	0	0
	11	11	473	0	0	0	0	0	0
	12	14	856	2	1	0	0	1	0
	22	23	457	0	0	0	0	0	0
	24	27	597	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-16	5	7	4+++	0	0	0	0	0	0
	8	9	34++	3	0	3	0	0	0
	10	11	726	0	0	0	0	0	0
	12	15	59++	0	0	0	0	0	0
	22	26	184	0	0	0	0	0	0
6-17	5	6	5+++	0	0	0	0	0	0
	7	7	6+++	0	0	0	0	0	0
	8	8	11+++	0	0	0	0	0	0
	9	9	100+	0	0	0	0	0	0
	10	11	495	0	0	0	0	0	0
	12	13	20++	0	0	0	0	0	0
	14	16	34++	0	0	0	0	0	0
	22	24	349	0	0	0	0	0	0
	25	26	11+++	0	0	0	0	0	0
6-18	5	5	11+++	0	0	0	0	0	0
	6	6	39++	0	0	0	0	0	0
	7	7	31++	0	0	0	0	0	0
	8	8	415	0	0	0	0	0	0
	9	9	458	0	0	0	0	0	0
	10	10	405	0	0	0	0	0	0
	11	11	524	0	0	0	0	0	0
	12	16	136	1	0	0	0	1	0
	22	23	329	1	0	1	0	0	0
	24	24	945	0	0	0	0	0	0
	25	25	935	0	0	0	0	0	0
6-19	5	7	9+++	0	0	0	0	0	0
	8	8	155	0	0	0	0	0	0
	9	11	1405	0	0	0	0	0	0
	12	15	95+	2	0	2	0	0	0
	22	26	827	0	0	0	0	0	0
6-20	5	7	21++	0	0	0	0	0	0
	8	11	849	0	0	0	0	0	0
	12	16	276	0	0	0	0	0	0
	22	26	1600	0	0	0	0	0	0
6-21	5	8	34++	0	0	0	0	0	0
	9	11	546	0	0	0	0	0	0
	12	16	652	0	0	0	0	0	0
	22	26	1029	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-23	5	8	11+++	0	0	0	0	0	0
	9	16	765	0	0	0	0	0	0
	22	26	465	0	0	0	0	0	0
6-25	5	16	1216	0	0	0	0	0	0
	22	26	347	0	0	0	0	0	0
6-27	5	16	1479	0	0	0	0	0	0
	22	26	1109	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	3	10	323	3	0	3	0	0	0
	11	15	129	2	0	2	0	0	0
6-03	2	10	86+	0	0	0	0	0	0
	11	15	82++	1	0	1	0	0	0
6-05	2	9	245	0	0	0	0	0	0
	10	15	275	1	0	0	0	1	0
6-07	2	9	273	4	1	3	0	0	0
	10	14	68+	3	3	0	0	0	0
6-09	1	5	40++	0	0	0	0	0	0
	6	10	673	0	0	0	0	0	0
	11	15	265	0	0	0	0	0	0
6-10	1	6	1530	3	0	2	0	1	0
	7	10	2573	0	0	0	0	0	0
	11	14	564	0	0	0	0	0	0
6-11	2	5	34++	0	0	0	0	0	0
	6	6	588	0	0	0	0	0	0
	7	7	85+	0	0	0	0	0	0
	8	8	419	0	0	0	0	0	0
	9	9	88++	0	0	0	0	0	0
	10	11	55++	2	0	2	0	0	0
	12	14	73++	0	0	0	0	0	0
6-12	3	5	100+	0	0	0	0	0	0
	6	7	406	0	0	0	0	0	0
	8	8	198	0	0	0	0	0	0
	9	9	67+	0	0	0	0	0	0
	10	10	14+++	0	0	0	0	0	0
	11	11	7+++	0	0	0	0	0	0
	12	12	18+++	0	0	0	0	0	0
	13	13	493	0	0	0	0	0	0
	14	14	6+++	0	0	0	0	0	0
	15	15	5+++	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-13	2	4	11+++	0	0	0	0	0	0
	5	5	6+++	0	0	0	0	0	0
	6	6	130	0	0	0	0	0	0
	7	7	262	0	0	0	0	0	0
	8	8	503	0	0	0	0	0	0
	9	9	734	2	0	1	1	0	0
	10	10	881	0	0	0	0	0	0
	11	11	59++	5	0	2	3	0	0
	12	12	924	1	0	1	0	0	0
	13	15	49++	0	0	0	0	0	0
6-14	6	6	862	0	0	0	0	0	0
	7	7	994	1	0	0	1	0	0
	8	8	403	0	0	0	0	0	0
	9	9	712	0	0	0	0	0	0
	10	10	459	0	0	0	0	0	0
	11	11	29++	0	0	0	0	0	0
	12	12	34+++	0	0	0	0	0	0
	13	13	37++	0	0	0	0	0	0
	14	14	15+++	0	0	0	0	0	0
	15	15	8+++	0	0	0	0	0	0
6-15	2	4	32++	0	0	0	0	0	0
	5	5	20++	0	0	0	0	0	0
	6	6	171	0	0	0	0	0	0
	7	7	244	0	0	0	0	0	0
	8	8	124	0	0	0	0	0	0
	9	9	255	0	0	0	0	0	0
	10	10	245	2	0	2	0	0	0
	11	11	1365	1	0	0	0	1	0
	12	15	202	0	0	0	0	0	0
6-17	3	6	12+++	0	0	0	0	0	0
	7	7	107+	0	0	0	0	0	0
	8	8	294	0	0	0	0	0	0
	9	9	244	0	0	0	0	0	0
	10	11	1260	0	0	0	0	0	0
	12	15	155	0	0	0	0	0	0



TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-18	3	4	9+++	0	0	0	0	0	0
	5	5	6+++	0	0	0	0	0	0
	6	6	203	1	1	0	0	0	0
	7	7	1095	0	0	0	0	0	0
	8	8	1037	0	0	0	0	0	0
	9	9	192	0	0	0	0	0	0
	10	11	939	1	0	0	1	0	0
	12	12	523	0	0	0	0	0	0
	13	15	214	0	0	0	0	0	0
6-19	3	5	11++	0	0	0	0	0	0
	6	9	481	2	0	1	1	0	0
	10	15	251	0	0	0	0	0	0
6-20	3	5	10+++	0	0	0	0	0	0
	6	7	549	0	0	0	0	0	0
	8	10	385	0	0	0	0	0	0
	11	15	439	0	0	0	0	0	0
6-21	3	5	102	0	0	0	0	0	0
	6	6	501	0	0	0	0	0	0
	7	9	328	0	0	0	0	0	0
	10	11	398	0	0	0	0	0	0
	12	13	658	0	0	0	0	0	0
	14	15	44++	0	0	0	0	0	0
6-23	5	8	1045	0	0	0	0	0	0
	9	15	208	0	0	0	0	0	0
6-25	3	6	34++	0	0	0	0	0	0
	7	7	366	1	1	0	0	0	0
	8	8	520	0	0	0	0	0	0
	9	10	761	12	1	9	2	0	0
	11	14	74++	0	0	0	0	0	0
6-27	5	6	22++	0	0	0	0	0	0
	7	7	295	0	0	0	0	0	0
	8	8	704	0	0	0	0	0	0
	9	9	421	0	0	0	0	0	0
	10	10	770	0	0	0	0	0	0
	11	11	663	0	0	0	0	0	0
	12	14	191	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE (2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
7-03	5	7	442+	0	0	0	0	0	0
	8	9	480+	0	0	0	0	0	0
	10	15	121++	0	0	0	0	0	0
7-05	6	8	540	0	0	0	0	0	0
	9	10	256++	0	0	0	0	0	0
	11	11	408+	0	0	0	0	0	0
	12	13	42+++	0	0	0	0	0	0
7-07	6	9	62	0	0	0	0	0	0
	10	12	18++	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1573

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	8	10	89+	3	1	2	0	0	0
	11	14	4+++	0	0	0	0	0	0
6-03	1	11	104+	4	1	1	2	0	0
	12	14	5+++	0	0	0	0	0	0
6-05	1	11	45++	15	2	7	6	0	0
	12	14	0	0	0	0	0	0	0
6-07	2	11	37++	0	0	0	0	0	0
	12	14	22+++	0	0	0	0	0	0
6-09	2	6	53+	0	0	0	0	0	0
	7	10	1387	0	0	0	0	0	0
	10	14	1066	0	0	0	0	0	0
6-10	2	6	48++	0	0	0	0	0	0
	7	10	1094	0	0	0	0	0	0
	11	14	1255	1	0	1	0	0	0
6-11	2	7	331	1	1	0	0	0	0
	8	8	503	1	0	0	0	1	0
	9	10	39++	0	0	0	0	0	0
	11	14	316	0	0	0	0	0	0
6-12	3	7	185	0	0	0	0	0	0
	8	8	746	2	0	0	2	0	0
	9	9	830	0	0	0	0	0	0
	10	10	517	0	0	0	0	0	0
	11	11	481	0	0	0	0	0	0
	12	12	1201	2	0	2	0	0	0
	13	14	131++	0	0	0	0	0	0
6-13	3	6	42++	0	0	0	0	0	0
	7	8	332	0	0	0	0	0	0
	9	9	209	2	0	2	0	0	0
	10	10	1516	0	0	0	0	0	0
	11	11	783	1	0	0	1	0	0
	12	12	277	0	0	0	0	0	0
	13	13	269	0	0	0	0	0	0
	14	14	59++	3	2	1	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1573

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-14	5	6	283	0	0	0	0	0	0
	7	7	382	0	0	0	0	0	0
	8	8	1527	1	0	1	0	0	0
	9	9	945	0	0	0	0	0	0
	10	10	69+	0	0	0	0	0	0
	11	11	508	1	0	1	0	0	0
	12	12	572	0	0	0	0	0	0
	13	13	476	1	0	1	0	0	0
	14	14	370	1	0	1	0	0	0
6-15	2	4	5+++	0	0	0	0	0	0
	5	6	22++	0	0	0	0	0	0
	7	7	119	0	0	0	0	0	0
	8	8	594	0	0	0	0	0	0
	9	9	49++	0	0	0	0	0	0
	10	11	30++	0	0	0	0	0	0
	12	12	629	1	0	1	0	0	0
	13	14	56++	0	0	0	0	0	0
6-17	3	4	11+++	0	0	0	0	0	0
	5	6	16+++	0	0	0	0	0	0
	7	7	743	0	0	0	0	0	0
	8	8	894	1	0	0	1	0	0
	9	9	916	1	0	0	1	0	0
	10	10	1274	0	0	0	0	0	0
	11	11	544	1	0	1	0	0	0
	12	12	660	0	0	0	0	0	0
	13	13	467	0	0	0	0	0	0
	14	14	62++	2	0	0	2	0	0
6-18	2	6	226	0	0	0	0	0	0
	7	8	569	0	0	0	0	0	0
	9	9	635	0	0	0	0	0	0
	10	10	1649	0	0	0	0	0	0
	11	13	113+	0	0	0	0	0	0
	14	15	7+++	0	0	0	0	0	0
6-19	2	8	215	0	0	0	0	0	0
	9	11	1011	0	0	0	0	0	0
	12	14	132	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1573

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-20	1	7	799	0	0	0	0	0	0
	8	8	1300	0	0	0	0	0	0
	9	11	1626	0	0	0	0	0	0
	12	14	544	0	0	0	0	0	0
6-21	3	7	17++	0	0	0	0	0	0
	8	8	617	0	0	0	0	0	0
	9	9	936	0	0	0	0	0	0
	10	10	735	0	0	0	0	0	0
	11	11	878	0	0	0	0	0	0
	12	14	155+	0	0	0	0	0	0
6-23	1	7	46++	0	0	0	0	0	0
	8	9	1261	0	0	0	0	0	0
	10	12	458	0	0	0	0	0	0
	13	14	83++	0	0	0	0	0	0
6-25	2	10	1295	0	0	0	0	0	0
	11	11	500	0	0	0	0	0	0
	12	14	396	1	0	1	0	0	0
6-27	5	7	5+++	0	0	0	0	0	0
	8	8	345	0	0	0	0	0	0
	9	9	317	0	0	0	0	0	0
	10	10	507	0	0	0	0	0	0
	11	11	646	0	0	0	0	0	0
	12	12	323	0	0	0	0	0	0
	13	14	413	0	0	0	0	0	0
7-05	8	11	139++	0	0	0	0	0	0
	12	14	130+	0	0	0	0	0	0
7-07	8	10	341+	0	0	0	0	0	0
	11	14	51++	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1610

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	2	18	286	0	0	0	0	0	0
6-03	2	15	161+	0	0	0	0	0	0
	16	17	0+++	0	0	0	0	0	0
6-05	2	15	91+	3	0	2	1	0	0
	16	17	0+++	0	0	0	0	0	0
6-07	2	15	1026	0	0	0	0	0	0
	16	18	55++	0	0	0	0	0	0
6-09	2	10	67+	0	0	0	0	0	0
	11	18	2637	0	0	0	0	0	0
6-10	3	12	1796	0	0	0	0	0	0
	12	12	1649	0	0	0	0	0	0
	13	13	1379	1	1	0	0	0	0
	14	15	560	0	0	0	0	0	0
	16	16	1282	2	1	1	0	0	0
	17	18	468	0	0	0	0	0	0
6-11	2	12	1882	4	1	2	1	0	0
	13	14	1720	1	1	0	0	0	0
	15	17	459	1	1	0	0	0	0
6-12	3	13	1067	1	0	0	1	0	0
	14	18	524	2	0	2	0	0	0
6-13	4	15	1659	1	0	1	0	0	0
	16	18	197	2	0	0	2	0	0
6-14	3	10	83+	0	0	0	0	0	0
	11	11	64+	0	0	0	0	0	0
	12	12	56++	0	0	0	0	0	0
	13	13	986	0	0	0	0	0	0
	14	14	516	1	0	1	0	0	0
	15	15	857	0	0	0	0	0	0
	16	16	11+++	0	0	0	0	0	0
	17	17	204	1	0	0	1	0	0
	18	18	84++	0	0	0	0	0	0
6-15	2	15	1984	0	0	0	0	0	0
	16	18	1518	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1610

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF BLUE TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-17	4	15	3876	0	0	0	0	0	0
	16	18	208	0	0	0	0	0	0
6-18	2	8	17+++	0	0	0	0	0	0
	9	11	466	0	0	0	0	0	0
	12	12	176	0	0	0	0	0	0
	13	13	401	0	0	0	0	0	0
	14	14	430	1	0	1	0	0	0
	15	15	539	0	0	0	0	0	0
	16	16	396	0	0	0	0	0	0
	17	18	17++	0	0	0	0	0	0
6-19	3	15	1072	0	0	0	0	0	0
	16	18	622	0	0	0	0	0	0
6-20	3	15	1134	0	0	0	0	0	0
	16	18	119+	0	0	0	0	0	0
6-21	3	15	388	0	0	0	0	0	0
	16	18	1613	0	0	0	0	0	0
6-23	2	15	1327	0	0	0	0	0	0
	16	18	66++	0	0	0	0	0	0
6-25	2	18	553	0	0	0	0	0	0
6-27	6	10	22++	0	0	0	0	0	0
	11	13	247	0	0	0	0	0	0
	14	14	761	0	0	0	0	0	0
	15	15	493	0	0	0	0	0	0
	16	17	79+	0	0	0	0	0	0
7-01	11	11	476	0	0	0	0	0	0
	12	12	807	0	0	0	0	0	0
	13	17	377+	0	0	0	0	0	0
7-05	9	17	374+	0	0	0	0	0	0
7-07	12	17	6+++	0	0	0	0	0	0

TABLE 20.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

- (1) BLUE TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 1695 ON MAY 19, 1979.
- (2) REPRESENTS TOTAL MASS, IN GRAMS, RETAINED IN BEDLOAD SAMPLER AS MEASURED IN THE FIELD. FOR SUBSEQUENT ANALYSIS OF NUMBER AND SIZE OF TRACER, PARTICLES SMALLER THAN 0.25 MM AND LARGER THAN 8.0 MM WERE DISCARDED. REMAINING SAMPLES WEIGHING MORE THAN 100 GRAMS WERE CUT TO A STANDARD 100 GRAM-PORTION; SAMPLES WEIGHING LESS THAN 100 GRAMS WERE ANALYZED INTACT.
- (3) DOES NOT INCLUDE TRACER PARTICLES MEASURED IN TRANSPORT AT SECTION 1400, A BYPASS CHANNEL COMMON TO SECTIONS 1360, 1396, AND 1425. SEE FIGURE 3.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.



TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1241

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	10	22	1777	0	0	0	0	0	0
6-03	10	22	452	0	0	0	0	0	0
6-05	10	22	759	0	0	0	0	0	0
6-07	10	21	1177	0	0	0	0	0	0
6-09	2	21	1501	0	0	0	0	0	0
6-10	2	21	690	8	8	0	0	0	0
6-11	3	21	945	12	12	0	0	0	0
6-12	2	21	324	4	3	1	0	0	0
6-13	7	20	308	2	0	2	0	0	0
6-14	2	21	1093	6	1	3	1	1	0
6-15	2	21	1350	14	4	7	2	1	0
6-16	10	22	301	17	12	5	0	0	0
6-17	7	22	1431	23	7	16	0	0	0
6-18	2	20	3603	12	1	11	0	0	0
6-19	2	22	1291	10	6	4	0	0	0
6-20	3	21	2036	10	2	7	1	0	0
6-21	1	13	4824	10	1	6	3	0	0
	14	25	1293	14	4	10	0	0	0
6-23	7	11	187	5	3	2	0	0	0
	12	19	266	2	0	2	0	0	0
6-25	9	21	5117	2	0	2	0	0	0
6-27	4	10	667	2	0	0	2	0	0
	11	20	937	3	0	3	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980

SECTION 1284

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	3	17	1178	0	0	0	0	0	0
6-03	1	18	741	0	0	0	0	0	0
6-05	3	16	944	0	0	0	0	0	0
6-07	2	17	969	0	0	0	0	0	0
6-09	2	17	2293	0	0	0	0	0	0
6-10	3	10	867	7	7	0	0	0	0
	11	17	1039	34	24	10	0	0	0
6-11	3	11	164	14	14	0	0	0	0
	12	14	475	56	49	5	2	0	0
	15	18	239	63	58	5	0	0	0
6-12	3	18	374	25	23	2	0	0	0
6-13	3	10	141	0	0	0	0	0	0
	11	17	328	67	53	14	0	0	0
6-14	2	16	897	29	22	7	0	0	0
6-15	2	8	1065	2	0	1	0	1	0
	9	13	725	17	7	8	2	0	0
	14	18	1178	32	22	10	0	0	0
6-16	4	6	361	2	0	0	0	1	1
	7	12	697	23	10	10	2	1	0
	13	16	289	38	14	24	0	0	0
6-17	2	4	43++	0	0	0	0	0	0
	5	5	45++	0	0	0	0	0	0
	6	6	47++	6	0	4	2	0	0
	7	7	783	7	1	5	0	1	0
	8	10	2725	12	3	8	1	0	0
	11	11	1767	28	11	15	2	0	0
	12	18	1497	38	20	18	0	0	0
6-18	3	7	1887	0	0	0	0	0	0
	8	18	929	13	3	9	1	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1284

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-19	3	5	40++	0	0	0	0	0	0
	6	8	721	0	0	0	0	0	0
	9	11	548	12	5	3	4	0	0
	12	14	986	8	7	1	0	0	0
	15	18	435	21	18	3	0	0	0
6-20	3	5	53+	0	0	0	0	0	0
	6	8	46++	0	0	0	0	0	0
	9	11	262	11	1	10	0	0	0
	12	14	1010	16	8	8	0	0	0
	15	18	441	23	12	11	0	0	0
6-21	3	5	43++	0	0	0	0	0	0
	6	8	266	1	0	0	0	1	0
	9	11	611	0	0	0	0	0	0
	12	14	401	9	2	6	1	0	0
	15	18	130	13	1	9	3	0	0
6-23	3	5	.4+++	0	0	0	0	0	0
	6	8	1350	2	0	2	0	0	0
	9	11	224	9	6	3	0	0	0
	12	14	360	17	8	8	1	0	0
	15	18	490	20	12	8	0	0	0
6-25	3	5	54+	0	0	0	0	0	0
	6	8	155	1	0	0	0	1	0
	9	11	9+++	32	21	11	0	0	0
	12	14	1529	4	1	3	0	0	0
	15	18	557	0	0	0	0	0	0
6-27	3	5	19	0	0	0	0	0	0
	6	8	695	3	0	0	3	0	0
	9	11	10+++	0	0	0	0	0	0
	12	14	1583	2	0	2	0	0	0
	15	18	937	3	2	1	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1315

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	3	25	1241	0	0	0	0	0	0
6-03	3	22	217	1	1	0	0	0	0
6-05	3	24	98+	0	0	0	0	0	0
6-07	3	25	249	0	0	0	0	0	0
6-09	3	25	483	12	10	2	0	0	0
6-10	3	11	110+	17	16	1	0	0	0
	12	17	238	42	30	12	0	0	0
	18	20	508	18	17	1	0	0	0
	21	25	1945	19	19	0	0	0	0
6-11	2	12	1882	37	33	4	0	0	0
	13	14	1720	29	24	5	0	0	0
	15	17	459	29	22	7	0	0	0
6-12	3	25	842	18	10	8	0	0	0
6-13	3	17	223	13	10	3	0	0	0
	18	25	623	16	12	4	0	0	0
6-14	3	12	1095	13	5	5	3	0	0
	13	25	1099	26	21	5	0	0	0
6-15	3	11	804	4	1	2	1	0	0
	12	16	633	21	11	10	0	0	0
	17	18	484	21	4	17	0	0	0
	19	25	846	38	17	20	1	0	0
6-16	6	6	56+	0	0	0	0	0	0
	7	8	46++	2	2	0	0	0	0
	9	12	641	18	9	9	0	0	0
	13	17	459	32	17	11	4	0	0
	18	19	838	21	9	8	4	0	0
	20	24	1062	42	23	16	3	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1315

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE (2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-17	3	6	17++	0	0	0	0	0	0
	7	7	20++	5	0	0	0	0	5
	8	9	378	0	0	0	0	0	0
	10	12	1811	19	7	11	1	0	0
	13	15	731	9	2	7	0	0	0
	16	18	867	21	8	13	0	0	0
	19	25	1265	16	7	8	1	0	0
6-18	3	4	22++	0	0	0	0	0	0
	5	6	17++	0	0	0	0	0	0
	7	8	5+++	0	0	0	0	0	0
	9	9	38++	0	0	0	0	0	0
	10	13	519	0	0	0	0	0	0
	14	18	973	21	7	13	1	0	0
	19	25	828	35	11	22	2	0	0
6-19	3	13	847	5	1	3	1	0	0
	14	17	705	27	14	13	0	0	0
	18	25	742	17	5	10	2	0	0
6-20	3	10	29+++	54	13	34	3	4	0
	11	16	1376	0	0	0	0	0	0
	17	25	942	13	3	5	5	0	0
6-21	4	10	69+	0	0	0	0	0	0
	11	16	985	7	3	4	0	0	0
	17	25	1775	10	5	3	2	0	0
6-23	3	8	130	0	0	0	0	0	0
	9	12	349	2	0	0	0	2	0
	13	16	246	14	8	6	0	0	0
	17	25	2589	9	3	6	0	0	0
6-25	3	9	24++	0	0	0	0	0	0
	10	16	4383	2	0	2	0	0	0
	17	25	2198	10	4	6	0	0	0
6-27	3	10	72+	0	0	0	0	0	0
	11	16	861	1	0	1	0	0	0
	17	25	1343	5	0	4	1	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1360(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE (2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	8	23	31++	0	0	0	0	0	0
6-03	8	23	235+	0	0	0	0	0	0
6-05	8	22	147	0	0	0	0	0	0
6-07	9	22	535	2	1	1	0	0	0
6-09	2	22	1049	48	38	10	0	0	0
6-10	9	22	1192	35	30	5	0	0	0
6-11	9	16	437	11	6	4	1	0	0
	17	19	573	36	23	13	0	0	0
	20	22	0+++	0	0	0	0	0	0
6-12	9	16	156	47	28	19	0	0	0
	17	22	262	26	13	12	1	0	0
6-13	9	22	841	22	7	13	2	0	0
6-14	7	14	111	3	0	0	2	1	0
	16	21	501	21	5	11	5	0	0
6-15	9	16	519	0	0	0	0	0	0
	17	19	1518	11	4	6	1	0	0
	20	23	1795	10	1	6	3	0	0
6-16	14	17	170	1	0	1	0	0	0
	18	19	464	7	5	2	0	0	0
	20	23	408	20	9	11	0	0	0
6-17	9	17	85+	0	0	0	0	0	0
	18	23	502	4	2	0	2	0	0
6-18	9	18	144	1	1	0	0	0	0
	19	23	375	13	7	6	0	0	0
6-19	7	17	588	0	0	0	0	0	0
	18	20	786	6	4	2	0	0	0
	21	23	229	4	1	1	2	0	0
6-20	2	23	391	1	1	0	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1360(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-21	9	16	191	0	0	0	0	0	0
	17	19	753	3	1	2	0	0	0
	20	23	309	10	3	7	0	0	0
6-23	9	23	265	0	0	0	0	0	0
6-25	9	23	651	1	1	0	0	0	0
6-27	9	23	870	0	0	0	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1396(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	5	17	178	0	0	0	0	0	0
6-03	5	17	472	0	0	0	0	0	0
6-05	5	17	407	1	1	0	0	0	0
6-07	5	17	532	1	0	0	1	0	0
6-09	5	17	493	34	28	6	0	0	0
6-10	5	17	2231	32	23	8	1	0	0
6-11	5	15	693	21	9	11	1	0	0
	16	17	334	14	6	6	1	1	0
6-12	5	17	467	20	3	13	3	1	0
6-13	5	14	268	12	0	5	5	2	0
	15	17	382	0	0	0	0	0	0
6-14	5	13	367	0	0	0	0	0	0
	14	14	337	0	0	0	0	0	0
	15	15	999	4	2	0	2	0	0
	16	16	759	10	1	2	2	5	0
	17	17	30++	7	0	7	0	0	0
6-15	5	16	1830	1	0	1	0	0	0
6-16	7	14	709	2	0	1	0	1	0
	15	19	691	12	4	5	2	1	0
6-17	5	13	91+	2	1	1	0	0	0
	14	17	659	0	0	0	0	0	0
6-18	5	13	315	4	0	4	0	0	0
	14	14	932	13	11	2	0	0	0
	15	16	266	0	0	0	0	0	0
6-19	5	13	408	1	1	0	0	0	0
	14	17	718	7	1	3	2	1	0
6-20	5	16	432	2	0	2	0	0	0



TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1396(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-21	5	16	855	6	0	5	1	0	0
6-23	5	16	754	0	0	0	0	0	0
6-25	5	16	487	0	0	0	0	0	0
6-27	5	16	1773	0	0	0	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1425(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	2	17	793	0	0	0	0	0	0
6-03	1	17	193+	0	0	0	0	0	0
6-05	1	17	209	0	0	0	0	0	0
6-07	2	17	935	7	5	2	0	0	0
6-09	2	17	621	21	14	7	0	0	0
6-10	2	7	119+	8	6	2	0	0	0
	8	10	833	12	8	4	0	0	0
	11	17	384	5	3	2	0	0	0
6-11	2	12	257	30	16	13	1	0	0
	13	17	0	0	0	0	0	0	0
6-12	1	7	153	17	5	7	3	2	0
	8	17	28++	18	0	18	0	0	0
6-13	4	8	48++	17	10	7	0	0	0
	9	13	69+	9	1	8	0	0	0
	14	17	8+++	0	0	0	0	0	0
6-14	7	7	654	4	2	1	1	0	0
	8	8	438	2	2	0	0	0	0
	9	16	130+	1	0	0	0	1	0
6-15	3	7	51++	0	0	0	0	0	0
	8	12	120+	9	3	6	0	0	0
	13	16	24++	4	0	4	0	0	0
6-16	4	7	21++	5	0	5	0	0	0
	8	11	82+	6	1	5	0	0	0
	12	14	42++	2	0	2	0	0	0
	15	16	0+++	0	0	0	0	0	0
6-17	4	6	41+++	0	0	0	0	0	0
	7	8	56++	0	0	0	0	0	0
	9	14	79++	3	1	2	0	0	0
6-18	2	7	565	0	0	0	0	0	0
	8	16	242	8	3	5	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1425(3)

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-19	3	10	55++	2	2	0	0	0	0
	11	16	130	6	1	5	0	0	0
6-20	2	10	178	4	1	1	2	0	0
	11	16	190	10	2	8	0	0	0
6-21	2	15	228+	2	0	2	0	0	0
6-23	1	17	258	0	0	0	0	0	0
6-25	2	16	212	0	0	0	0	0	0
6-27	8	16	664	0	0	0	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE (2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	4	16	187+	0	0	0	0	0	0
6-03	4	17	235	0	0	0	0	0	0
6-05	5	16	197	0	0	0	0	0	0
6-07	5	15	389	3	3	0	0	0	0
6-09	4	9	858	5	2	3	0	0	0
	10	14	1290	23	11	12	0	0	0
	22	26	385	72	60	12	0	0	0
6-10	4	8	769	13	7	5	0	0	1
	9	10	765	31	25	5	1	0	0
	11	11	1148	58	44	14	0	0	0
	12	15	102+	18	7	10	0	1	0
	22	24	1420	37	20	15	2	0	0
	25	25	1773	97	67	29	1	0	0
6-11	5	8	504	3	1	0	1	1	0
	9	9	368	17	10	6	0	1	0
	10	10	459	15	8	4	2	1	0
	11	15	164	31	8	16	6	1	0
	22	23	732	54	11	33	9	1	0
	24	24	623	51	8	30	12	1	0
	25	26	255	61	20	33	6	2	0
6-12	4	6	1+++	0	0	0	0	0	0
	7	7	9+++	0	0	0	0	0	0
	8	8	7+++	0	0	0	0	0	0
	9	9	10+++	0	0	0	0	0	0
	10	10	73+	1	0	0	0	1	0
	11	11	83+	8	6	1	1	0	0
	12	12	16+++	12	12	0	0	0	0
	13	13	218	25	9	11	4	1	0
	14	14	216+	34	13	18	3	0	0
	15	15	0+++	0	0	0	0	0	0
	16	16	47++	8	6	2	0	0	0
	22	23	8+++	0	0	0	0	0	0
	24	24	14++	28	0	7	21	0	0
	25	25	308	17	1	13	2	1	0
26	26	13+++	15	0	15	0	0	0	

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-13	5	5	0+++	0	0	0	0	0	0
	6	6	7+++	0	0	0	0	0	0
	7	7	6+++	0	0	0	0	0	0
	8	8	17++	0	0	0	0	0	0
	9	9	80+	0	0	0	0	0	0
	10	10	240	4	1	2	1	0	0
	11	11	82+	1	0	1	0	0	0
	12	12	198	9	5	3	1	0	0
	13	15	133+	8	0	6	2	0	0
	22	22	340	10	4	3	3	0	0
	23	23	136	17	1	11	2	3	0
	24	24	146	11	0	5	5	1	0
	25	25	642	16	0	15	1	0	0
	26	26	100+	13	2	10	1	0	0
6-14	7	7	37++	0	0	0	0	0	0
	8	8	34++	0	0	0	0	0	0
	9	9	630	0	0	0	0	0	0
	10	10	72+	4	3	1	0	0	0
	11	11	206	2	1	1	0	0	0
	12	12	69+	7	1	3	3	0	0
	13	13	306	23	19	4	0	0	0
	15	15	76+	9	1	2	6	0	0
	23	23	903	12	0	11	1	0	0
	24	24	138	10	6	4	0	0	0
	25	25	1203	15	2	6	2	4	1
	26	26	51++	27	12	13	2	0	0
	27	27	39++	8	5	3	0	0	0
6-15	4	6	8+++	0	0	0	0	0	0
	7	7	60+	0	0	0	0	0	0
	8	8	90+	1	0	0	0	1	0
	9	9	412	0	0	0	0	0	0
	10	10	549	1	0	1	0	0	0
	11	11	473	0	0	0	0	0	0
	12	14	856	5	0	3	2	0	0
	22	23	457	1	0	1	0	0	0
	24	27	597	4	2	2	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-16	5	7	4+++	0	0	0	0	0	
	8	9	34++	0	0	0	0	0	
	10	11	726	6	5	1	0	0	
	12	15	59++	0	0	0	0	0	
	22	26	184	0	0	0	0	0	
6-17	5	6	5+++	0	0	0	0	0	
	7	7	6+++	0	0	0	0	0	
	8	8	11+++	0	0	0	0	0	
	9	9	100+	1	0	1	0	0	
	10	11	495	1	0	1	0	0	
	12	13	20++	5	0	5	0	0	
	14	16	34++	3	0	0	3	0	
	22	24	349	2	0	1	1	0	
	25	26	11+++	0	0	0	0	0	
6-18	5	5	11+++	0	0	0	0	0	
	6	6	39++	0	0	0	0	0	
	7	7	31++	0	0	0	0	0	
	8	8	415	2	1	1	0	0	
	9	9	458	1	0	1	0	0	
	10	10	405	6	4	2	0	0	
	11	11	524	5	2	3	0	0	
	12	16	136	5	3	1	1	0	
	22	23	329	9	8	1	0	0	
	24	24	945	2	0	1	1	0	
	25	25	935	10	4	6	0	0	
6-19	5	7	9+++	0	0	0	0	0	
	8	8	155	0	0	0	0	0	
	9	11	1405	2	0	2	0	0	
	12	15	95+	6	3	3	0	0	
	22	26	827	11	2	8	1	0	
6-20	5	7	21++	0	0	0	0	0	
	8	11	849	2	0	2	0	0	
	12	16	276	10	2	8	0	0	
	22	26	1600	27	5	16	5	1	
6-21	5	8	34++	0	0	0	0	0	
	9	11	546	0	0	0	0	0	
	12	16	652	5	2	3	0	0	
	22	26	1029	0	0	0	0	0	

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1481

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-23	5	8	11+++	0	0	0	0	0	0
	9	16	765	0	0	0	0	0	0
	22	26	465	3	0	3	0	0	0
6-25	5	16	1216	0	0	0	0	0	0
	22	26	347	1	0	1	0	0	0
6-27	5	16	1479	3	0	3	0	0	0
	22	26	1109	3	2	1	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	3	10	323	0	0	0	0	0	0
	11	15	129	0	0	0	0	0	0
6-03	2	10	86+	0	0	0	0	0	0
	11	15	82++	0	0	0	0	0	0
6-05	2	9	245	8	8	0	0	0	0
	10	15	275	6	5	1	0	0	0
6-07	2	9	273	5	0	5	0	0	0
	10	14	68+	19	6	13	0	0	0
6-09	1	5	40++	0	0	0	0	0	0
	6	10	673	45	42	3	0	0	0
	11	15	265	357	294	62	1	0	0
6-10	1	6	1530	7	0	3	3	1	0
	7	10	2573	17	3	6	7	1	0
	11	14	564	175	102	68	5	0	0
6-11	2	5	34++	0	0	0	0	0	0
	6	6	588	2	1	1	0	0	0
	7	7	85+	3	1	2	0	0	0
	8	8	419	29	11	16	2	0	0
	9	9	88++	29	11	17	1	0	0
	10	11	55++	22	9	13	0	0	0
	12	14	73++	3	1	2	0	0	0
6-12	3	5	100+	1	1	0	0	0	0
	6	7	406	1	1	0	0	0	0
	8	8	198	0	0	0	0	0	0
	9	9	67+	3	0	3	0	0	0
	10	10	14+++	7	0	7	0	0	0
	11	11	7+++	0	0	0	0	0	0
	12	12	18+++	11	5	0	6	0	0
	13	13	493	17	9	5	3	0	0
	14	14	6+++	15	0	15	0	0	0
	15	15	5+++	0	0	0	0	0	0



TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-13	2	4	11+++	0	0	0	0	0	0
	5	5	6+++	0	0	0	0	0	0
	6	6	130	0	0	0	0	0	0
	7	7	262	0	0	0	0	0	0
	8	8	503	1	0	0	1	0	0
	9	9	734	1	0	0	1	0	0
	10	10	881	0	0	0	0	0	0
	11	11	59++	0	0	0	0	0	0
	12	12	924	2	0	2	0	0	0
	13	15	49++	4	0	4	0	0	0
6-14	6	6	862	0	0	0	0	0	0
	7	7	994	0	0	0	0	0	0
	8	8	403	1	0	1	0	0	0
	9	9	712	1	0	1	0	0	0
	10	10	459	0	0	0	0	0	0
	11	11	29++	3	0	3	0	0	0
	12	12	34+++	0	0	0	0	0	0
	13	13	37++	0	0	0	0	0	0
	14	14	15+++	0	0	0	0	0	0
	15	15	8+++	0	0	0	0	0	0
6-15	2	4	32++	0	0	0	0	0	0
	5	5	20++	0	0	0	0	0	0
	6	6	171	0	0	0	0	0	0
	7	7	244	1	0	0	1	0	0
	8	8	124	0	0	0	0	0	0
	9	9	255	1	0	1	0	0	0
	10	10	245	1	0	1	0	0	0
	11	11	1365	0	0	0	0	0	0
	12	15	202	5	4	0	0	1	0
6-17	3	6	12+++	0	0	0	0	0	0
	7	7	107+	0	0	0	0	0	0
	8	8	294	0	0	0	0	0	0
	9	9	244	0	0	0	0	0	0
	10	11	1260	0	0	0	0	0	0
	12	15	155	9	5	4	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-18	3	4	9+++	0	0	0	0	0	0
	5	5	6+++	0	0	0	0	0	0
	6	6	203	11	8	2	1	0	0
	7	7	1095	0	0	0	0	0	0
	8	8	1037	1	0	0	1	0	0
	9	9	192	2	0	0	1	1	0
	10	11	939	9	2	6	1	0	0
	12	12	523	28	22	6	0	0	0
	13	15	214	26	14	10	2	0	0
6-19	3	5	11++	0	0	0	0	0	0
	6	9	481	5	0	3	2	0	0
	10	15	251	27	9	15	3	0	0
6-20	3	5	10+++	0	0	0	0	0	0
	6	7	549	1	1	0	0	0	0
	8	10	385	2	1	1	0	0	0
	11	15	439	7	4	2	0	1	0
6-21	3	5	102	0	0	0	0	0	0
	6	6	501	0	0	0	0	0	0
	7	9	328	4	0	3	1	0	0
	10	11	398	1	0	1	0	0	0
	12	13	658	3	1	2	0	0	0
	14	15	44++	0	0	0	0	0	0
6-23	5	8	1045	0	0	0	0	0	0
	9	15	208	0	0	0	0	0	0
6-25	3	6	34++	0	0	0	0	0	0
	7	7	366	0	0	0	0	0	0
	8	8	520	1	0	0	1	0	0
	9	10	761	1	0	0	1	0	0
	11	14	74++	1	1	0	0	0	0
6-27	5	6	22++	0	0	0	0	0	0
	7	7	295	1	0	0	1	0	0
	8	8	704	0	0	0	0	0	0
	9	9	421	1	0	1	0	0	0
	10	10	770	5	2	3	0	0	0
	11	11	663	2	1	1	0	0	0
	12	14	191	32	27	5	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1533

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
7-03	5	7	442+	0	0	0	0	0	0
	8	9	480+	3	0	3	0	0	0
	10	15	121++	4	0	4	0	0	0
7-05	6	8	540	1	0	0	1	0	0
	9	10	256++	3	0	3	0	0	0
	11	11	408+	5	0	4	1	0	0
	12	13	42+++	0	0	0	0	0	0
7-07	6	9	62	0	0	0	0	0	0
	10	12	18++	0	0	0	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1573

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	8	10	89+	0	0	0	0	0	0
	11	14	4+++	0	0	0	0	0	0
6-03	1	11	104+	0	0	0	0	0	0
	12	14	5+++	0	0	0	0	0	0
6-05	1	11	45++	0	0	0	0	0	0
	12	14	0	0	0	0	0	0	0
6-07	2	11	37++	422	214	200	8	0	0
	12	14	22+++	113	50	63	0	0	0
6-09	2	6	53+	0	0	0	0	0	0
	7	10	1387	6	1	4	0	0	1
	10	14	1066	173	95	71	7	0	0
6-10	2	6	48++	0	0	0	0	0	0
	7	10	1094	20	10	7	2	1	0
	11	14	1255	189	102	74	13	0	0
6-11	2	7	331	0	0	0	0	0	0
	8	8	503	0	0	0	0	0	0
	9	10	39++	3	0	3	0	0	0
	11	14	316	22	10	11	1	0	0
6-12	3	7	185	0	0	0	0	0	0
	8	8	746	0	0	0	0	0	0
	9	9	830	0	0	0	0	0	0
	10	10	517	0	0	0	0	0	0
	11	11	481	8	3	5	0	0	0
	12	12	1201	2	1	0	1	0	0
	13	14	131++	2	0	2	0	0	0
6-13	3	6	42++	0	0	0	0	0	0
	7	8	332	0	0	0	0	0	0
	9	9	209	0	0	0	0	0	0
	10	10	1516	0	0	0	0	0	0
	11	11	783	0	0	0	0	0	0
	12	12	277	0	0	0	0	0	0
	13	13	269	0	0	0	0	0	0
	14	14	59++	0	0	0	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1573

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-14	5	6	283	0	0	0	0	0	0
	7	7	382	0	0	0	0	0	0
	8	8	1527	0	0	0	0	0	0
	9	9	945	1	1	0	0	0	0
	10	10	69+	0	0	0	0	0	0
	11	11	508	2	2	0	0	0	0
	12	12	572	0	0	0	0	0	0
	13	13	476	1	0	1	0	0	0
	14	14	370	2	1	1	0	0	0
6-15	2	4	5+++	0	0	0	0	0	0
	5	6	22++	0	0	0	0	0	0
	7	7	119	0	0	0	0	0	0
	8	8	594	0	0	0	0	0	0
	9	9	49++	0	0	0	0	0	0
	10	11	30++	0	0	0	0	0	0
	12	12	629	2	1	1	0	0	0
	13	14	56++	0	0	0	0	0	0
6-17	3	4	11+++	0	0	0	0	0	0
	5	6	16+++	0	0	0	0	0	0
	7	7	743	0	0	0	0	0	0
	8	8	894	0	0	0	0	0	0
	9	9	916	1	0	1	0	0	0
	10	10	1274	2	0	2	0	0	0
	11	11	544	4	3	1	0	0	0
	12	12	660	7	1	6	0	0	0
	13	13	467	11	7	4	0	0	0
	14	14	62++	8	2	6	0	0	0
6-18	2	6	226	0	0	0	0	0	0
	7	8	569	3	0	2	0	1	0
	9	9	635	6	1	5	0	0	0
	10	10	1649	9	1	7	1	0	0
	11	13	113+	48	15	32	0	0	1
	14	15	7+++	0	0	0	0	0	0
6-19	2	8	215	0	0	0	0	0	0
	9	11	1011	5	3	1	1	0	0
	12	14	132	14	9	4	1	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1573

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-20	1	7	799	0	0	0	0	0	0
	8	8	1300	0	0	0	0	0	0
	9	11	1626	1	0	1	0	0	0
	12	14	544	3	1	2	0	0	0
6-21	3	7	17++	0	0	0	0	0	0
	8	8	617	0	0	0	0	0	0
	9	9	936	2	2	0	0	0	0
	10	10	735	1	0	1	0	0	0
	11	11	878	0	0	0	0	0	0
	12	14	155+	0	0	0	0	0	0
6-23	1	7	46++	0	0	0	0	0	0
	8	9	1261	0	0	0	0	0	0
	10	12	458	0	0	0	0	0	0
	13	14	83++	0	0	0	0	0	0
6-25	2	10	1295	0	0	0	0	0	0
	11	11	500	3	0	3	0	0	0
	12	14	396	5	4	1	0	0	0
6-27	5	7	5+++	0	0	0	0	0	0
	8	8	345	0	0	0	0	0	0
	9	9	317	2	0	2	0	0	0
	10	10	507	3	0	2	1	0	0
	11	11	646	17	3	12	2	0	0
	12	12	323	0	0	0	0	0	0
	13	14	413	27	11	13	3	0	0
7-05	8	11	139++	0	0	0	0	0	0
	12	14	130+	4	0	3	1	0	0
7-07	8	10	341+	0	0	0	0	0	0
	11	14	51++	8	4	4	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1610

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-01	2	18	286	34	20	10	3	0	1
6-03	2	15	161+	0	0	0	0	0	0
	16	17	0+++	0	0	0	0	0	0
6-05	2	15	91+	0	0	0	0	0	0
	16	17	0+++	0	0	0	0	0	0
6-07	2	15	1026	1	0	1	0	0	0
	16	18	55++	509	127	311	69	2	0
6-09	2	10	67+	0	0	0	0	0	0
	11	18	2637	35	19	13	3	0	0
6-10	3	12	1796	1	1	0	0	0	0
	12	12	1649	0	0	0	0	0	0
	13	13	1379	0	0	0	0	0	0
	14	15	560	0	0	0	0	0	0
	16	16	1282	0	0	0	0	0	0
	17	18	468	0	0	0	0	0	0
6-11	2	12	1882	1	1	0	0	0	0
	13	14	1720	0	0	0	0	0	0
	15	17	459	0	0	0	0	0	0
6-12	3	13	1067	0	0	0	0	0	0
	14	18	524	0	0	0	0	0	0
6-13	4	15	1659	0	0	0	0	0	0
	16	18	197	0	0	0	0	0	0
6-14	3	10	83+	0	0	0	0	0	0
	11	11	64+	0	0	0	0	0	0
	12	12	56++	0	0	0	0	0	0
	13	13	986	0	0	0	0	0	0
	14	14	516	0	0	0	0	0	0
	15	15	857	0	0	0	0	0	0
	16	16	11+++	0	0	0	0	0	0
	17	17	204	0	0	0	0	0	0
	18	18	84++	0	0	0	0	0	0
6-15	2	15	1984	0	0	0	0	0	0
	16	18	1518	0	0	0	0	0	0

TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

SECTION 1610

DATE	SAMPLING POSITION FROM TO (M) (M)		DRY MASS OF SAMPLE(2) (G)	NUMBER OF GREEN TRACER PARTICLES					
				TOTAL	BY SIZE CLASS (MM)				
					0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
6-17	4	15	3876	0	0	0	0	0	0
	16	18	208	2	1	1	0	0	0
6-18	2	8	17+++	0	0	0	0	0	0
	9	11	466	0	0	0	0	0	0
	12	12	176	0	0	0	0	0	0
	13	13	401	0	0	0	0	0	0
	14	14	430	0	0	0	0	0	0
	15	15	539	0	0	0	0	0	0
	16	16	396	0	0	0	0	0	0
	17	18	17++	0	0	0	0	0	0
6-19	3	15	1072	0	0	0	0	0	0
	16	18	622	0	0	0	0	0	0
6-20	3	15	1134	0	0	0	0	0	0
	16	18	119+	0	0	0	0	0	0
6-21	3	15	388	0	0	0	0	0	0
	16	18	1613	0	0	0	0	0	0
6-23	2	15	1327	0	0	0	0	0	0
	16	18	66++	0	0	0	0	0	0
6-25	2	18	553	0	0	0	0	0	0
6-27	6	10	22++	0	0	0	0	0	0
	11	13	247	1	0	1	0	0	0
	14	14	761	0	0	0	0	0	0
	15	15	493	0	0	0	0	0	0
	16	17	79+	0	0	0	0	0	0
7-01	11	11	476	0	0	0	0	0	0
	12	12	807	0	0	0	0	0	0
	13	17	377+	3	2	1	0	0	0
7-05	9	17	374+	0	0	0	0	0	0
7-07	12	17	6+++	0	0	0	0	0	0



TABLE 21.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BEDLOAD SAMPLE, COLLECTED AT ONE OR MORE CROSS-CHANNEL SAMPLING POSITIONS SPACED AT 1-METER INTERVALS ACROSS THE CHANNEL WIDTH, EAST FORK RIVER, WYOMING, 1980--CONTINUED

- (1) GREEN TRACER PARTICLES PLACED AS BED MATERIAL 42 METERS DOWNSTREAM OF SECTION 1662 ON MAY 31, 1980.
- (2) REPRESENTS TOTAL MASS, IN GRAMS, RETAINED IN BEDLOAD SAMPLER AS MEASURED IN THE FIELD. FOR SUBSEQUENT ANALYSIS OF NUMBER AND SIZE OF TRACER, PARTICLES SMALLER THAN 0.25 MM AND LARGER THAN 8.0 MM WERE DISCARDED. REMAINING SAMPLES WEIGHING MORE THAN 100 GRAMS WERE CUT TO A STANDARD 100 GRAM-PORTION; SAMPLES WEIGHING LESS THAN 100 GRAMS WERE ANALYZED INTACT.
- (3) DOES NOT INCLUDE TRACER PARTICLES MEASURED IN TRANSPORT AT SECTION 1400, A BYPASS CHANNEL COMMON TO SECTIONS 1360, 1396, AND 1425. SEE FIGURE 3.
- + MASS OF SAMPLE ANALYZED WAS BETWEEN 50 AND 100 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.
- ++ MASS OF SAMPLE ANALYZED WAS BETWEEN 10 AND 50 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; CARE SHOULD BE TAKEN IN USING THE EXTRAPOLATED NUMBERS.
- +++ MASS OF SAMPLE ANALYZED WAS BETWEEN 0 AND 10 GRAMS; NUMBER OF TRACER PARTICLES ADJUSTED TO AN EQUIVALENT 100-GRAM SAMPLE; EXTRAPOLATED NUMBERS ARE CONSIDERED RELIABLE.

TABLE 22.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL SAMPLE, EAST FORK RIVER, WYOMING, 1982

SECTION	DATE	NUMBER OF PINK TRACER PARTICLES					
		BY SIZE CLASS (MM)					
		TOTAL	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
0043		--	--	--	--	--	--
0075		--	--	--	--	--	--
0137	8-20	1	1	0	0	0	0
0178	8-20	1	0	1	0	0	0
0220	8-20	0	0	0	0	0	0
0257	8-20	4	0	2	2	0	0
0257(2)	8-20	15	2	8	5	0	0
0301	8-20	5	1	3	1	0	0
0301(2)	8-20	8	0	5	3	0	0
0348	8-21	0	0	0	0	0	0
0421	8-21	0	0	0	0	0	0
0460	8-21	0	0	0	0	0	0
0516	8-21	7	1	6	0	0	0
0556	8-23	6	0	2	1	3	0
0602	8-23	6	0	2	4	0	0
0653	8-23	0	0	0	0	0	0
0653(2)	8-23	3	2	1	0	0	0
0708	8-23	2	0	1	0	1	0
0757	8-23	18	10	8	0	0	0
0808		--	--	--	--	--	--
0808(2)	8-23	13	8	5	0	0	0
0853	8-23	0	0	0	0	0	0
0898		--	--	--	--	--	--
0940	8-23	3	1	2	0	0	0
0985	8-23	3	0	3	0	0	0
1038	8-23	3	0	1	2	0	0
1077	8-24	2	0	2	0	0	0
1120	8-24	3	0	2	1	0	0
1155	8-24	8	0	1	5	2	0
1202		--	--	--	--	--	--
1241	8-24	17	6	9	1	0	1
1284		--	--	--	--	--	--
1315	8-24	5	1	2	2	0	0
1360	8-24	0	0	0	0	0	0
1396	8-24	3	1	0	0	2	0

TABLE 22.- NUMBER OF PINK TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL SAMPLE, EAST FORK RIVER, WYOMING, 1982--CONTINUED

SECTION	DATE	NUMBER OF PINK TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
1400(3)	8-24	3	1	0	2	0	0
1425	8-24	0	0	0	0	0	0
1481	8-24	0	0	0	0	0	0
1481(2)	8-24	0	0	0	0	0	0
1533	8-24	3	0	0	3	0	0
1573	8-24	2	0	2	0	0	0
1610	8-22	7	2	4	1	0	0
1662	8-22	0	0	0	0	0	0
1695	8-22	1	0	0	1	0	0
1730	8-22	0	0	0	0	0	0
1766	8-22	2	0	2	0	0	0
1800	8-22	1	0	0	1	0	0
1830	8-22	0	0	0	0	0	0

- (1) PINK TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 3047 ON MAY 19, 1979.  
(2) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.  
(3) BYPASS CHANNEL. SEE FIGURE 3.

TABLE 23.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL SAMPLE, EAST FORK RIVER, WYOMING, 1982

SECTION	DATE	NUMBER OF BLUE TRACER PARTICLES					
		BY SIZE CLASS (MM)					
		TOTAL	0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
0043		--	--	--	--	--	--
0075		--	--	--	--	--	--
0137	8-20	1	0	1	0	0	0
0178	8-20	1	0	1	0	0	0
0220	8-20	0	0	0	0	0	0
0257	8-20	2	2	0	0	0	0
0257(2)	8-20	8	1	6	1	0	0
0301	8-20	3	2	0	0	1	0
0301(2)	8-20	9	5	4	0	0	0
0348	8-21	1	1	0	0	0	0
0421	8-21	0	0	0	0	0	0
0460	8-21	0	0	0	0	0	0
0516	8-21	2	2	0	0	0	0
0556	8-23	0	0	0	0	0	0
0602	8-23	1	0	0	1	0	0
0653	8-23	0	0	0	0	0	0
0653(2)	8-23	2	0	2	0	0	0
0708	8-23	4	3	1	0	0	0
0757	8-23	14	8	6	0	0	0
0808		--	--	--	--	--	--
0808(2)	8-23	8	7	0	1	0	0
0853	8-23	8	5	3	0	0	0
0898		--	--	--	--	--	--
0940	8-23	1	0	0	1	0	0
0985	8-23	0	0	0	0	0	0
1038	8-23	0	0	0	0	0	0
1077	8-24	1	0	1	0	0	0
1120	8-24	0	0	0	0	0	0
1155	8-24	1	0	1	0	0	0
1202		--	--	--	--	--	--
1241	8-24	1	0	1	0	0	0
1284		--	--	--	--	--	--
1315	8-24	2	0	2	0	0	0
1360	8-24	0	0	0	0	0	0
1396	8-24	0	0	0	0	0	0

TABLE 23.- NUMBER OF BLUE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL SAMPLE, EAST FORK RIVER, WYOMING, 1982--CONTINUED

SECTION	DATE	NUMBER OF BLUE TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
1400(3)	8-24	0	0	0	0	0	0
1425	8-24	0	0	0	0	0	0
1481	8-24	2	0	2	0	0	0
1481(2)	8-24	2	0	0	2	0	0
1533	8-24	0	0	0	0	0	0
1573	8-24	0	0	0	0	0	0
1610	8-22	0	0	0	0	0	0
1662	8-22	0	0	0	0	0	0

- (1) BLUE TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 1695 ON MAY 18, 1979.  
(2) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.  
(3) BYPASS CHANNEL. SEE FIGURE 3.

TABLE 24.- NUMBER OF ORANGE TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL SAMPLE, EAST FORK RIVER, WYOMING, 1982

SECTION	DATE	NUMBER OF ORANGE TRACER PARTICLES				
		TOTAL	BY SIZE CLASS (MM)			
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00
0043		--	--	--	--	--
0075		--	--	--	--	--
0137	8-20	16	16	0	0	0
0178	8-20	14	13	1	0	0
0220	8-20	16	15	1	0	0
0257	8-20	9	8	1	0	0
0257(2)	8-20	0	0	0	0	0
0301	8-20	11	7	4	0	0
0301(2)	8-20	2	0	2	0	0
0348	8-21	0	0	0	0	0
0421	8-21	0	0	0	0	0
0460	8-21	0	0	0	0	0

- (1) ORANGE TRACER PARTICLES PLACED AS BED MATERIAL 10 METERS DOWNSTREAM OF SECTION 0516 ON MAY 18, 1979.  
(2) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.

TABLE 25.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL SAMPLE, EAST FORK RIVER, WYOMING, 1982

SECTION	DATE	NUMBER OF GREEN TRACER PARTICLES				
		TOTAL	BY SIZE CLASS (MM)			
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00
0043		--	--	--	--	--
0075		--	--	--	--	--
0137	8-20	0	0	0	0	0
0178	8-20	0	0	0	0	0
0220	8-20	0	0	0	0	0
0257	8-20	0	0	0	0	0
0257(2)	8-20	0	0	0	0	0
0301	8-20	0	0	0	0	0
0301(2)	8-20	0	0	0	0	0
0348	8-21	0	0	0	0	0
0421	8-21	0	0	0	0	0
0460	8-21	0	0	0	0	0
0516	8-21	0	0	0	0	0
0556	8-23	0	0	0	0	0
0602	8-23	0	0	0	0	0
0653	8-23	0	0	0	0	0
0653(2)	8-23	0	0	0	0	0
0708	8-23	0	0	0	0	0
0757	8-23	0	0	0	0	0
0808		--	--	--	--	--
0808(2)	8-23	0	0	0	0	0
0853	8-23	0	0	0	0	0
0898		--	--	--	--	--
0940	8-23	0	0	0	0	0
0985	8-23	0	0	0	0	0
1038	8-23	0	0	0	0	0
1077	8-24	0	0	0	0	0
1120	8-24	0	0	0	0	0
1155	8-24	0	0	0	0	0
1202		--	--	--	--	--
1241	8-24	0	0	0	0	0
1284		--	--	--	--	--
1315	8-24	0	0	0	0	0
1360	8-24	0	0	0	0	0
1396	8-24	0	0	0	0	0

TABLE 25.- NUMBER OF GREEN TRACER PARTICLES(1), PER 100 GRAMS OF BED MATERIAL SAMPLE, EAST FORK RIVER, WYOMING, 1982--CONTINUED

SECTION	DATE	NUMBER OF GREEN TRACER PARTICLES					
		TOTAL	BY SIZE CLASS (MM)				
			0.25 TO 0.50	0.50 TO 1.00	1.00 TO 2.00	2.00 TO 4.00	4.00 TO 8.00
1400(3)	8-24	0	0	0	0	0	0
1425	8-24	0	0	0	0	0	0
1481	8-24	0	0	0	0	0	0
1481(2)	8-24	0	0	0	0	0	0
1533	8-24	0	0	0	0	0	0
1573	8-24	0	0	0	0	0	0
1610	8-22	0	0	0	0	0	0

- (1) GREEN TRACER PARTICLES PLACED AS BED MATERIAL 42 METERS DOWNSTREAM OF SECTION 1662 ON MAY 31, 1980.
- (2) SMALL OVERFLOW CHANNEL ADJACENT TO SECTION.
- (3) BYPASS CHANNEL. SEE FIGURE 3.