

Experimental Drawdown Study, Lower Granite Reservoir, North-Central Idaho, March 1992

By R.W. Harper and S.W. Lipscomb

U.S. GEOLOGICAL SURVEY
Open-File Report 94–109

Prepared in cooperation with

U.S. ARMY CORPS OF ENGINEERS

Boise, Idaho

1994

U.S. DEPARTMENT OF THE INTERIOR
BRUCE BABBITT, Secretary



U.S. GEOLOGICAL SURVEY
Gordon P. Eaton, Director

Any use of trade, product, or firm names in this publication is for descriptive purposes only and does not imply endorsement by the U.S. Government.

For additional information write to:

District Chief
U.S. Geological Survey
230 Collins Road
Boise, ID 83702-4520

Copies of this report can be purchased from:

U.S. Geological Survey
Earth Science Information Center
Open-File Reports Section
Box 25286, MS 517
Denver Federal Center
Denver, CO 80225

CONTENTS

Abstract	1
Introduction	1
Purpose and scope	1
Approach	3
Sediment transport	4
Water temperature and light transmissivity	5
Time of travel by dye tracing	9
Velocity profiles	11
References cited	12
Glossary of terms	13
Headnotes for tables 2–7 and 12–112	13

ILLUSTRATIONS

1. Map showing location of study area and data-collection sites	2
2–4. Graphs showing:	
2. Time of concentration curves, Snake River, March 17–20, 1992	6
3. Time of concentration curves, Snake River, March 19, 1992	7
4. Time of travel of dye cloud (peak concentration), Snake River, March 17–20, 1992	8
5. Instantaneous discharge at streamflow-gaging station 13334300, Snake River near Anatone, Washington, March 19, 1992	9
6. Mean daily discharge at streamflow-gaging station 13342500, Clearwater River at Spalding, Idaho, February–March 1992	10
7. Mean daily discharge at streamflow-gaging station 13334300, Snake River near Anatone, Washington, February–March 1992	11

TABLES

1. Cross-section locations and type of data collected	3
2–7. Bedload and bed material particle-size distribution for 3 days in February and March 1992:	
2. Snake River near Anatone, Washington, streamflow-gaging station 13334300	17
3. Snake River mile 139.43	18
4. Snake River mile 137.17	19
5. Snake River mile 132.05	20
6. Clearwater River at Spalding, Idaho, streamflow-gaging station 13342500	21
7. Clearwater River mile 0.41	22
8. Water and sediment discharge for 3 days in February and March 1992, Snake River	4
9. Water and sediment discharge for 3 days in February and March 1992, Clearwater River	5
10. Background water temperature at streamflow-gaging station 13334300, Snake River near Anatone, Washington, February and March 1992	5
11. Background water temperature at streamflow-gaging station 13342500, Clearwater River at Spalding, Idaho, February and March 1992	5
12–48. Temperature and light transmissivity profiles for Lower Granite Reservoir at:	
12. Clearwater River mile 2.34 on February 25, 1992	23
13. Clearwater River mile 2.34 on March 6, 1992	24
14. Clearwater River mile 2.34 on March 17, 1992	25
15. Clearwater River mile 1.26 on February 26, 1992	26
16. Clearwater River mile 1.26 on March 18, 1992	27
17. Clearwater River mile 0.41 on March 6, 1992	28
18. Snake River mile 148.09 on March 19, 1992	29
19. Snake River mile 145.00 on March 19, 1992	30

20.	Snake River mile 142.00 on March 19, 1992	31
21.	Snake River mile 141.21 on February 25, 1992	32
22.	Snake River mile 141.21 on March 5, 1992	33
23.	Snake River mile 139.43 on March 5, 1992	34
24.	Snake River mile 139.43 on March 19, 1992	35
25.	Snake River mile 138.34 on February 26, 1992	36
26.	Snake River mile 138.34 on March 5, 1992	37
27.	Snake River mile 138.34 on March 18, 1992	38
28.	Snake River mile 137.17 on February 25, 1992	39
29.	Snake River mile 137.17 on March 5, 1992	40
30.	Snake River mile 137.17 on March 19, 1992	41
31.	Snake River mile 132.05 on February 26, 1992	42
32.	Snake River mile 132.05 on February 27, 1992	43
33.	Snake River mile 132.05 on March 19, 1992	44
34.	Snake River mile 130.66 on February 26, 1992	45
35.	Snake River mile 130.66 on March 6, 1992	46
36.	Snake River mile 130.66 on March 7, 1992	47
37.	Snake River mile 130.66 on March 18, 1992	48
38.	Snake River mile 130.66 on March 19, 1992	49
39.	Snake River mile 130.66 on March 20, 1992	50
40.	Snake River mile 120.46 on February 27, 1992	51
41.	Snake River mile 120.46 on March 7, 1992	52
42.	Snake River mile 120.46 on March 20, 1992	53
43.	Snake River mile 119.00 on February 27, 1992	54
44.	Snake River mile 119.00 on March 7, 1992	55
45.	Snake River mile 119.00 on March 20, 1992	56
46.	Snake River mile 108.31 on February 27, 1992	57
47.	Snake River mile 108.31 on March 7, 1992	58
48.	Snake River mile 108.31 on March 20, 1992	59
49–107.	Velocity profiles for Lower Granite Reservoir at:	
49.	Clearwater River mile 2.34 on February 25, 1992 (1550 pst)	60
50.	Clearwater River mile 2.34 on March 6, 1992 (1049 pst)	67
51.	Clearwater River mile 2.34 on March 17, 1992 (1515 pst)	70
52.	Clearwater River mile 1.26 on February 26, 1992 (0918 pst)	73
53.	Clearwater River mile 1.26 on March 18, 1992 (0831 and 0855 pst)	81
54.	Clearwater River mile 0.41 on February 26, 1992 (1159 pst)	84
55.	Clearwater River mile 0.41 on March 6, 1992 (1015 pst)	91
56.	Clearwater River mile 0.41 on March 18, 1992 (1051 pst)	97
57.	Snake River mile 148.09 on March 19, 1992 (0550 pst)	100
58.	Snake River mile 145.00 on March 19, 1992 (0621 pst)	104
59.	Snake River mile 142.00 on March 19, 1992 (0709 pst)	109
60.	Snake River mile 141.21 on February 25, 1992 (1107 pst)	113
61.	Snake River mile 141.21 on March 5, 1992 (1041 pst)	122
62.	Snake River mile 141.21 on March 17, 1992, left channel (1100 pst) and right channel (1111 pst)...	130
63.	Snake River mile 139.43 on February 25, 1992 (0946 pst)	134
64.	Snake River mile 139.43 on March 5, 1992 (0959 pst)	140
65.	Snake River mile 139.43 on March 17, 1992 (1035 pst)	146
66.	Snake River mile 139.43 on March 18, 1992 (1033 pst)	150
67.	Snake River mile 139.43 on March 19, 1992 (0815 pst)	154
68.	Snake River mile 138.34 on February 26, 1992 (1030 pst)	158
69.	Snake River mile 138.34 on March 5, 1992 (1534 pst)	168
70.	Snake River mile 138.34 on March 17, 1992 (1645 pst)	178
71.	Snake River mile 138.34 on March 18, 1992 (1007 pst)	183
72.	Snake River mile 137.17 on February 25, 1992 (1442 pst)	188

73. Snake River mile 137.17 on March 5, 1992 (1358 pst).....	197
74. Snake River mile 137.17 on March 17, 1992 (1605 pst).....	204
75. Snake River mile 137.17 on March 19, 1992 (0912 pst).....	209
76. Snake River mile 132.05 on February 26, 1992 (1432 pst).....	214
77. Snake River mile 132.05 on February 27, 1992 (0906 pst).....	224
78. Snake River mile 132.05 on March 6, 1992 (1410 pst).....	233
79. Snake River mile 132.05 on March 18, 1992 (1230 pst).....	240
80. Snake River mile 132.05 on March 19, 1992 (1206 pst).....	246
81. Snake River mile 132.05 on March 25, 1992 (0946 pst).....	252
82. Snake River mile 130.66 on February 27, 1992 (1614 pst).....	257
83. Snake River mile 130.66 on March 7, 1992 (1001 pst).....	276
84. Snake River mile 130.66 on March 7, 1992 (1433 pst).....	286
85. Snake River mile 130.66 on March 18, 1992 (1245 pst).....	299
86. Snake River mile 130.66 on March 19, 1992 (1317 pst).....	306
87. Snake River mile 130.66 on March 20, 1992 (0832 pst).....	313
88. Snake River mile 126.07 on March 25, 1992 (1013 pst).....	320
89. Snake River mile 120.46 on February 27, 1992 (1122 pst).....	328
90. Snake River mile 120.46 on March 7, 1992 (1135 pst).....	339
91. Snake River mile 120.46 on March 20, 1992 (0928 pst).....	348
92. Snake River mile 120.46 on March 25, 1992 (1052 pst).....	356
93. Snake River mile 120.46 on March 26, 1992 (1434 pst).....	365
94. Snake River mile 119.00 on February 27, 1992 (1228 pst).....	373
95. Snake River mile 119.00 on March 8, 1992 (1223 pst).....	387
96. Snake River mile 119.00 on March 20, 1992 (1018 pst).....	400
97. Snake River mile 119.00 on March 25, 1992 (1124 pst).....	412
98. Snake River mile 119.00 on March 26, 1992 (1312 pst).....	424
99. Snake River mile 113.90 on March 25, 1992 (1250 pst).....	436
100. Snake River mile 113.90 on March 26, 1992 (1237 pst).....	444
101. Snake River mile 108.31 on February 27, 1992 (1429 pst).....	452
102. Snake River mile 108.31 on March 7, 1992 (1403 pst).....	457
103. Snake River mile 108.31 on March 20, 1992 (1210 pst).....	470
104. Snake River mile 108.31 on March 25, 1992 (1318 pst).....	488
105. Snake River mile 108.31 on March 26, 1992 (1012 pst).....	506
106. Snake River mile 107.73 on March 25, 1992 (1421 pst).....	524
107. Snake River mile 107.73 on March 26, 1992 (0931 pst).....	543
108–112. Velocity profiles for Little Goose Reservoir at:	
108. River mile 106.00 on March 12, 1992 (1013 pst).....	561
109. River mile 101.00 on March 12, 1992 (1042 pst).....	568
110. River mile 91.00 on March 12, 1992 (1344 pst).....	585
111. River mile 79.20 on March 12, 1992 (1451 pst).....	598
112. River mile 70.90 on March 12, 1992 (1641 pst).....	616

CONVERSION FACTORS

Multiply	By	To obtain
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second
foot (ft)	0.3048	meter
foot per second (ft/s)	0.3048	meter per second
mile (mi)	1.609	kilometer
pound (avoirdupois) (lb)	4.536	kilogram
square inch (in ²)	0.00065	square meter
ton per day (ton/d)	0.9072	megagram per day
ton per day per foot [(ton/d)/ft]	2.976	megagram per day per meter

Temperatures in °C (degrees Celsius) can be converted to °F (degrees Fahrenheit) as follows:

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

Water temperatures are reported to the nearest 0.1°C.

EXPERIMENTAL DRAWDOWN STUDY, LOWER GRANITE RESERVOIR, NORTH-CENTRAL IDAHO, MARCH 1992

By R.W. Harper and S.W. Lipscomb

Abstract

Sediment, water temperature, light transmissivity, dye traces, and velocity were among the data collected during the experimental drawdown of Lower Granite Reservoir. This reservoir on the Snake River near the Idaho-Washington border was partially drained during March 1992 to evaluate the effect of increased velocity on the out-migration of salmon smolt.

During the drawdown, the reservoir was reduced from normal full-pool capacity to less than 25 percent of full-pool capacity. Specific river-mile locations, or transects, were visited and data representative of conditions in the reservoir at full-pool capacity, one-half drawdown, and full drawdown were collected. Samples of suspended sediment, bedload, and bed material were obtained at two streamflow-gaging stations and four transects; water temperature and light transmissivity profiles were obtained at nine transects; time-of-travel studies using dye tracers were made in two reaches of the Snake River in the reservoir and directly upstream; and numerous velocity profiles were obtained from 23 transects.

INTRODUCTION

From 1950 to 1970, a series of dams was built on the lower Snake and Columbia Rivers in Washington. The multipurpose reservoirs created behind these dams provide storage capacity for flood control and downstream hydropower production. Each dam includes locks for the passage of barges, and the interconnected reservoirs allow navigation from the mouth of the Columbia River in Washington to Lewiston, Idaho (fig. 1). Lower Granite Reservoir is at the upstream end

of this series of navigable reservoirs, and the confluence of the Snake and Clearwater Rivers is at the upper end of Lower Granite Reservoir. Two streamflow-gaging stations—Clearwater River at Spalding, Idaho, and Snake River near Anatone, Washington (fig. 1)—have been in continuous operation for 69 and 33 years, respectively. These gaging stations provide data on reservoir inflow.

The numbers of salmonid species returning to spawn in headwater streams in Idaho have declined since the construction of the dams. State and Federal resource agencies and wildlife-protection organizations are concerned that immature salmonids (smolts) are being delayed and (or) disoriented in the long, slow-moving reservoirs during their out-migration journey to the Pacific Ocean and are falling prey to disease and predators. It has been estimated that only a small number of smolts find their way through the reservoir system to return to the ocean. The 1991 listing of the Snake River sockeye as an endangered species, and the probable listing of the Snake River fall chinook have provided the impetus to find countermeasures to reverse the decline in salmonid populations in the Snake and Columbia River systems.

Purpose and Scope

Among measures being considered for reversing the decline in salmonid populations is the annual drawdown of some or all reservoirs on the lower Snake River during the period of maximum smolt out-migration. Lowering pool elevations below present operational levels would result in increased velocities throughout the reservoirs. It is anticipated that the increased velocities will enhance smolt out-migration; however, a possible consequence of this reservoir management scheme is the reentrainment of sediments deposited under stillwater conditions in the upper ends of the reservoirs. The movement and redistribution of

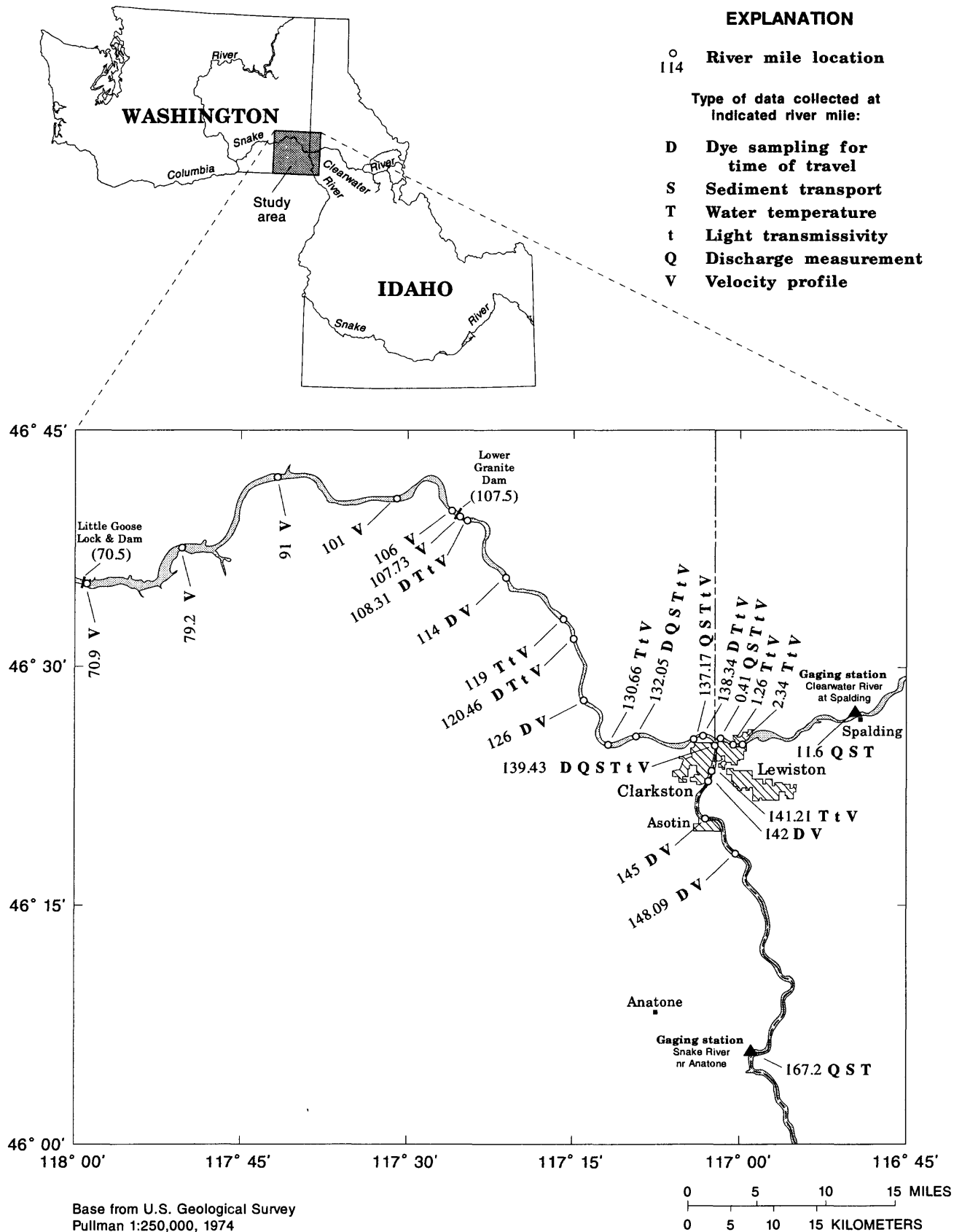


Figure 1. Location of study area and data-collection sites.

large amounts of sediment may adversely affect migrating smolts as well as spawning adult salmon.

Although computer-simulation models are available to predict hydraulic and sediment changes during reservoir drawdowns, an actual drawdown of Lower Granite Reservoir during March 1992 was done to collect data for verification of model results. The purpose of this report is to provide results of these data-collection activities.

Data were collected during four periods at various pool elevations to provide information on sediment particle-size distribution and transport rates, water temperature and light transmissivity profiles, time of travel

Table 1. Cross-section locations and type of data collected

[a, location of streamflow-gaging station 13334300, Snake River near Anatone, Washington; b, location of Lower Granite Dam; c, location of Little Goose Dam; d, location of streamflow-gaging station 13342500, Clearwater River at Spalding, Idaho]

River mile	Sedi-ment	Type of data			Velocity
		Tem-per-ature	Light trans-missi-vity	Dye time of travel	
Snake River					
167.2 a	X	X			
148.09		X	X	X	X
145.00		X	X	X	X
142.00			X	X	X
141.21			X	X	X
139.43	X	X	X	X	X
138.34		X	X	X	X
137.17	X	X	X		X
132.05	X	X	X	X	X
130.66		X	X		X
126.07				X	X
120.46		X	X	X	X
119.00		X	X		X
113.90				X	X
108.31		X	X	X	X
107.73					X
107.5 b					
106.00					X
101.00					X
91.00					X
79.20					X
70.90					X
70.5 c					
Clearwater River					
11.6 d	X	X			
2.34		X	X		X
1.26		X	X		X
0.41	X	X	X		X

of water through Lower Granite Reservoir, and velocity profiles for river and reservoir cross sections. Velocity data also were collected at Little Goose Reservoir at the normal operating level (full-pool capacity) with the intent of collecting additional data as the pool elevation was lowered. Plans to draw down Little Goose Reservoir were not implemented; therefore, no additional data were collected.

Approach

The data-collection program was planned in cooperation with the Hydrology Section of the U.S. Army Corps of Engineers (Corps), Walla Walla District, Washington, who coordinated the drawdown. U.S. Geological Survey (USGS) involvement was coordinated by the Idaho District on behalf of the Pacific Northwest Area. Crews and equipment were assembled from three of the Pacific Northwest Districts (Idaho, Oregon, and Washington).

Three weeks of data collection originally were planned to coincide with the (1) full-pool capacity of the Lower Granite Reservoir prior to drawdown during February 25–27; (2) water level and flow conditions at about one-half drawdown during March 5–7; and (3) water level and flow conditions at full drawdown, which was about 25 percent of the full-pool capacity of the reservoir during March 17–19. From March 23 to 27, Lower Granite Reservoir upstream from Lower Granite Dam was lowered an additional 5 or 6 ft. During this period, velocities were measured near the dam as large volumes of water were released during planned spillway tests.

Two additional weeks of data collection were planned at Little Goose Reservoir. These periods were to coincide with the full-pool capacity and full drawdown. The first week of data collection at Little Goose Reservoir was completed as scheduled during March 9–13. The second week of data collection was cancelled when the Corps decided not to draw down the reservoir.

Corps personnel flagged the ends of the river and reservoir transects assigned to the USGS as data-collection locations. Cross-section locations and type of data collected at the assigned locations are listed in table 1. Locations are indicated by river mile. River miles are numbered beginning with “0” at the mouth and increase upstream.

SEDIMENT TRANSPORT

Discharge and sediment data were collected at gaging stations Snake River near Anatone, Washington (13334300), and Clearwater River near Spalding, Idaho (13342500), and four transects in the reservoir basin to gain information about the movement or reentrainment of sediment as the reservoir was drawn down. Discharge data were collected by a two-person crew working from cableways. Sediment data were collected by a four-person crew from a boat equipped with hydraulic hoisting equipment. Standard USGS techniques (Buchanan and Somers, 1969; Guy and Norman, 1982) were used for data collection.

Depth-integrated water samples for analysis of suspended sediment were collected using a standard PS-61 sampler and the equal-width-increment method (Guy and Norman, 1982). Suspended-sediment discharge was computed using the equation:

$$Q_s = Q_w \times C_s \times k, \quad (1)$$

where

Q_s = suspended-sediment discharge, in tons per day;

Q_w = water discharge, in cubic feet per second;

C_s = concentration of suspended sediment, in milligrams per liter; and

k = 0.0027, a conversion coefficient based on a sediment specific weight of 2.65.

Bedload samples were collected using a Helley-Smith bedload sampler with a 9-in² orifice (Emmett, 1979). Samples were collected at 10 to 20 equally spaced locations within the cross section. The samples were air dried, and size distribution was determined by dry-sieve analysis. Bedload discharge was computed using the equation:

$$Q_b = k \times \frac{Wt}{T} \times gt, \quad (2)$$

where

Q_b = bedload discharge, in tons per day;

k = 0.381, a factor to convert grams per second per foot into tons per day per foot (Edwards and Glysson, 1988, p. 103–104);

Wt = total width of the stream, in feet;

Table 8. Water and sediment discharge for 3 days in February and March 1992, Snake River

[ft³/s, cubic feet per second; ton/d, tons per day]

Date	Water discharge (ft ³ /s)	Suspended-sediment discharge (ton/d)	Bedload discharge (ton/d)	Total sediment discharge (ton/d)
Snake River near Anatone (streamflow-gaging station 13334300)				
2-25-92	23,900	581	4.0	585.0
3-05-92	22,100	537	.72	537.7
3-17-92	23,700	704	.51	704.5
Snake River mile 139.43				
2-25-92	23,400	632	4.0	636.0
3-05-92	28,100	1,366	2.6	1,368.6
3-17-92	22,100	17,424	817.3	18,241.3
Snake River mile 137.17				
1-25-92	36,000	5,152	23.5	5,175.5
	72,400	10,360	24.5	10,384.5
	75,400	10,790	24.2	10,814.2
	6,125	876	22.0	898.0
3-05-92	37,600	1,726	69.5	1,795.5
3-17-92	27,600	38,005	700.1	38,705.1
Snake River mile 132.05				
2-26-92	39,800	1,075	0	1,075.0
3-06-92	36,600	2,965	0	2,965.0
3-18-92	34,980	4,628	23.6	4,651.6

¹While the sediment sampling was in progress at river mile 137.17 on 2-25-92, the discharge (as measured by the acoustic doppler current profiler) was fluctuating in response to changing storage releases at Lower Granite Dam. Consequently, four sediment discharges were computed.

T = total time, in seconds, that the bedload sampler was on the bed, calculated by multiplying the sample time by n (n = total number of vertical samples); and

gt = total grams of sample collected in the cross section.

Bed-material samples were collected at the same equally spaced location in the cross section where bedload samples were obtained. Bed-material samples were collected using a BM-54 sampler taking a single scoop from the streambed. Particle-size distribution for the bed-material samples was determined by dry-sieve analysis. Bedload and bed-material particle-size distributions for the six sites are presented in tables 2–7 (back of report). Total sediment discharge data (suspended and bedload) are presented in tables 8 and 9.

Table 9. Water and sediment discharge for 3 days in February and March 1992, Clearwater River

[ft³/s, cubic feet per second; ton/d, tons per day]

Date	Water discharge (ft ³ /s)	Suspended-sediment discharge (ton/d)	Bedload discharge (ton/d)	Total sediment discharge (ton/d)
Clearwater River at Spalding (streamflow-gaging station 13342500)				
2-26-92	9,970	215	0.11	215.1
3-06-92	10,200	220	0.15	220.2
3-18-92	12,100	359	0.35	359.4
Clearwater River mile 0.41				
2-26-92	9,330	327	183.9	510.9
3-06-92	12,000	4,309	84.9	4,393.9
3-18-92	9,051	46,920	2,978.3	49,898.3

WATER TEMPERATURE AND LIGHT TRANSMISSIVITY

Background water temperatures at the two gaging stations that monitor Lower Granite Reservoir inflow are shown in tables 10 and 11. Water temperature data at these two sites are collected continuously by thermographs linked to automatic digital recorders.

Vertical profiles of water temperature and light transmissivity generally were collected from five evenly spaced locations along each assigned cross section. A light transmissometer was suspended from one side of the boat and, simultaneously, a recording thermometer with digital readout was suspended from the opposite side. Temperature was logged generally from 20, 40, 60, and 80 percent of total depth at each vertical location. Light transmissivity readings were logged at 3-ft intervals throughout the water column. Water temperature was recorded to the nearest 0.1 °C. Light transmissivity was measured as an index of water turbidity. The more turbid water has a greater propensity to extinguish light. The relative scale may range from 100 percent (totally translucent) to 0 percent (totally opaque). In the riverine environment where high velocities were encountered, the light transmissometer did not work well. The large-diameter cylindrical casing tended to plane on the surface. To overcome this problem, a "drift and drop" method was developed to acquire light transmissivity data. In this method, the boat was maneuvered slightly upstream from the section, engine power was cut back, and the boat was

Table 10. Background water temperature at streamflow-gaging station 13334300, Snake River near Anatone, Washington, February and March 1992

[Water temperature, degrees Celsius; max, maximum; min, minimum; —, no data available]

February					March				
Day	Max	Min	Max	Min	Day	Max	Min	Max	Min
1	—	—	7.7	6.7	17	—	—	—	—
2	—	—	7.6	6.9	18	—	—	—	—
3	—	—	7.7	6.8	19	—	—	—	—
4	—	—	8.3	6.9	20	6.2	5.1	—	—
5	—	—	7.3	6.6	21	6.2	5.8	—	—
6	—	—	7.4	6.6	22	6.6	5.7	—	—
7	—	—	7.6	7.2	23	6.3	5.7	—	—
8	—	—	7.8	7.3	24	6.7	5.9	—	—
9	—	—	—	—	25	7.3	6.3	—	—
10	—	—	—	—	26	7.3	6.7	—	—
11	—	—	—	—	27	7.2	6.3	—	—
12	—	—	—	—	28	7.2	6.4	—	—
13	—	—	—	—	29	7.2	6.6	—	—
14	—	—	—	—	30	—	—	—	—
15	—	—	—	—	31	—	—	—	—
16	—	—	—	—					

Table 11. Background water temperature at streamflow-gaging station 13342500, Clearwater River at Spalding, Idaho, February and March 1992

[Water temperature, degrees Celsius; max, maximum; min, minimum; —, no data available]

February					March				
Day	Max	Min	Max	Min	Day	Max	Min	Max	Min
1	—	—	8.0	8.0	17	—	—	9.0	9.0
2	—	—	8.0	8.0	18	—	—	9.0	9.0
3	—	—	8.0	8.0	19	—	—	8.0	8.0
4	—	—	9.0	9.0	20	5.5	5.5	9.0	9.0
5	—	—	9.0	9.0	21	5.5	5.5	9.5	9.5
6	—	—	8.5	8.5	22	6.5	6.0	9.5	9.5
7	—	—	8.5	8.5	23	6.5	6.0	9.0	9.0
8	—	—	8.5	8.5	24	6.5	6.5	9.0	9.0
9	—	—	9.0	9.0	25	7.0	6.5	9.5	9.5
10	—	—	9.0	9.0	26	7.0	7.0	9.5	9.5
11	—	—	8.5	8.5	27	8.0	8.0	9.5	9.5
12	—	—	8.5	8.5	28	8.0	8.0	9.5	9.5
13	—	—	9.0	9.0	29	8.0	8.0	9.5	9.5
14	—	—	8.5	8.5	30	—	—	10.0	10.0
15	—	—	9.0	9.0	31	—	—	10.5	10.5
16	—	—	9.0	9.0					

allowed to drift back through the section. When the boat was again on section, the probes were lowered to about one-half total depth as recorded by the boat's fathometer. A rapid reading was made at three equally spaced locations within the cross section. The lateral

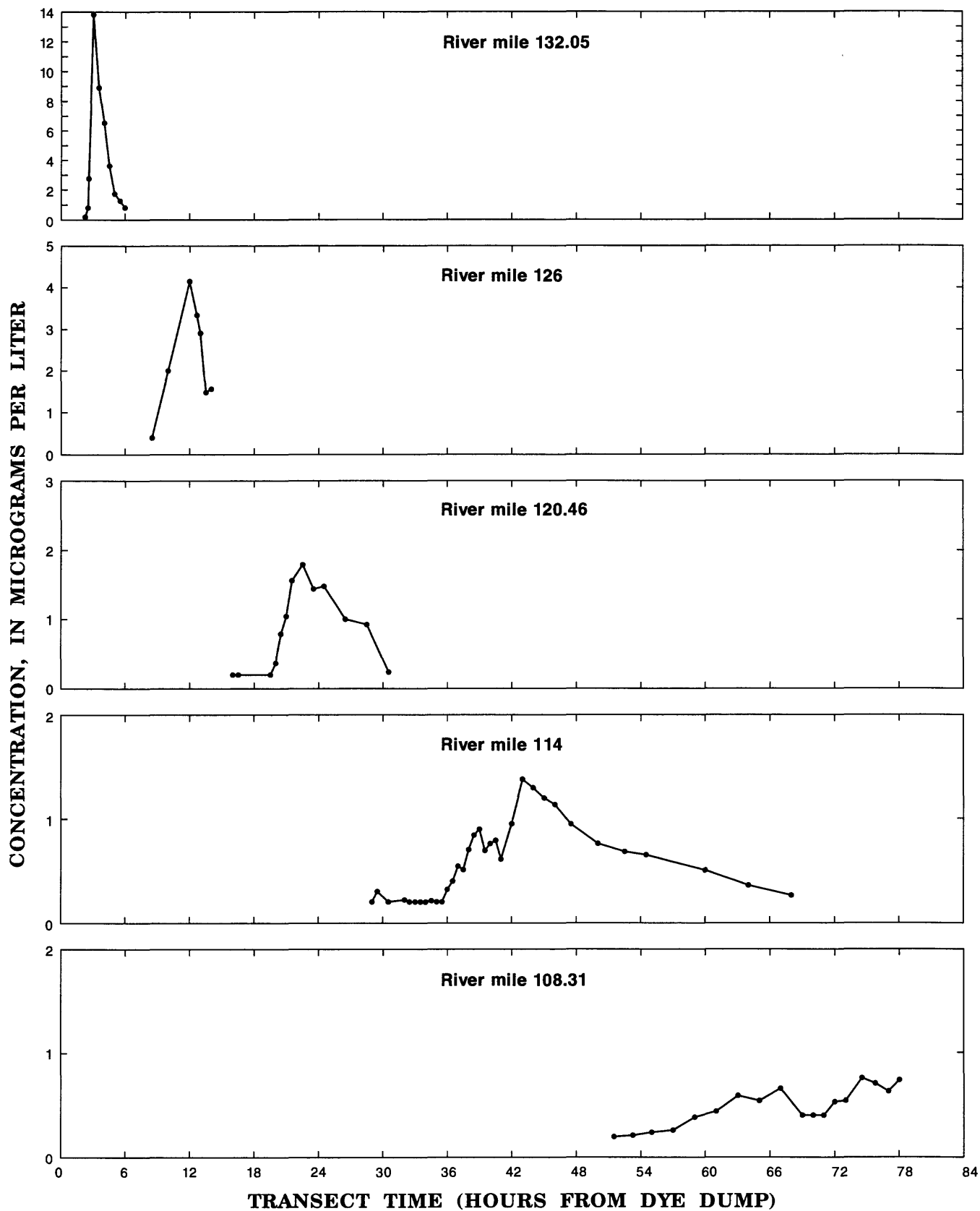


Figure 2. Time of concentration curve, Snake River, March 1720, 1992. (Flow was variable because of dam operation)

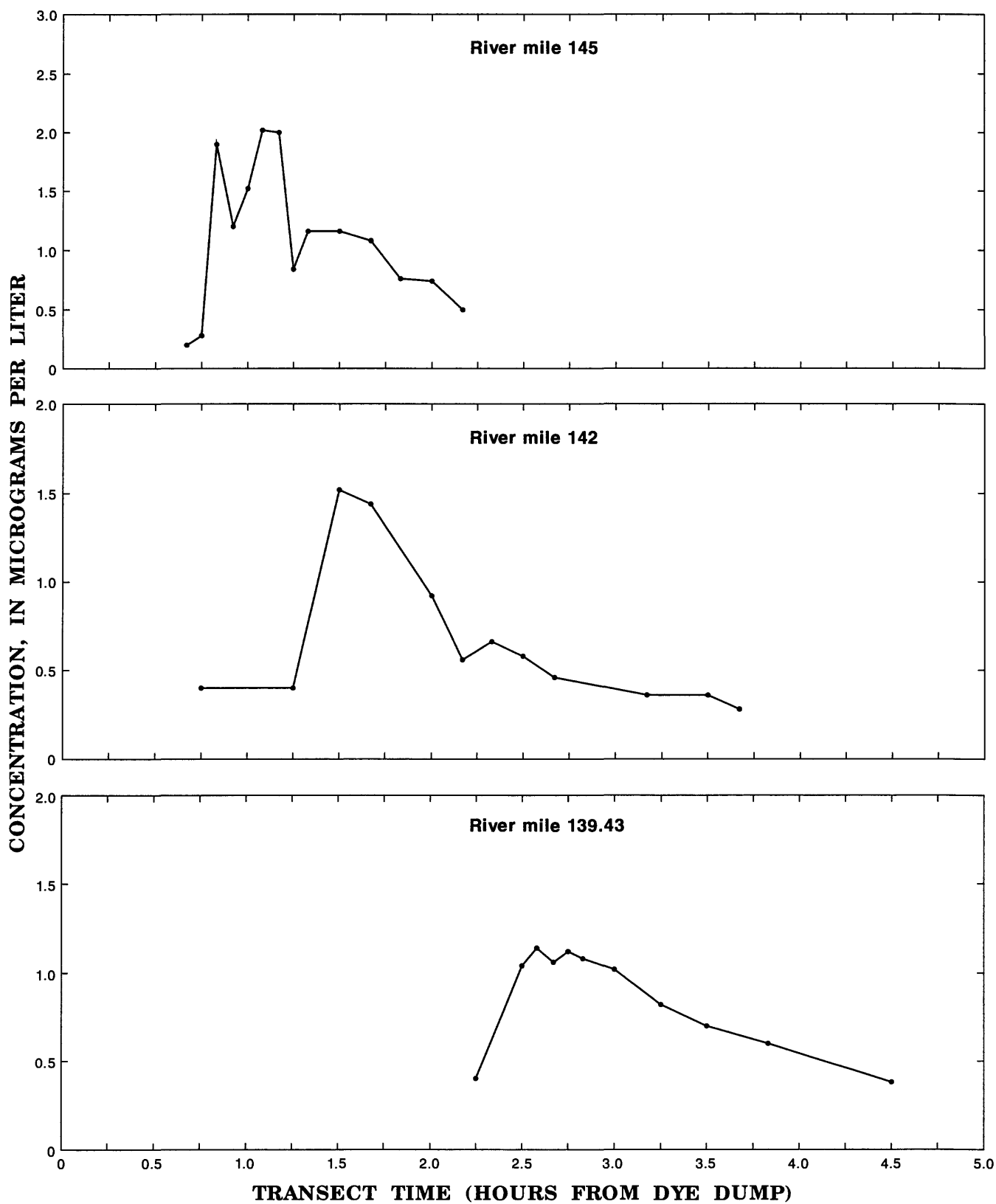


Figure 3. Time of concentration curve, Snake River, March 19, 1992. (Average flow was 31,000 cubic feet per second)

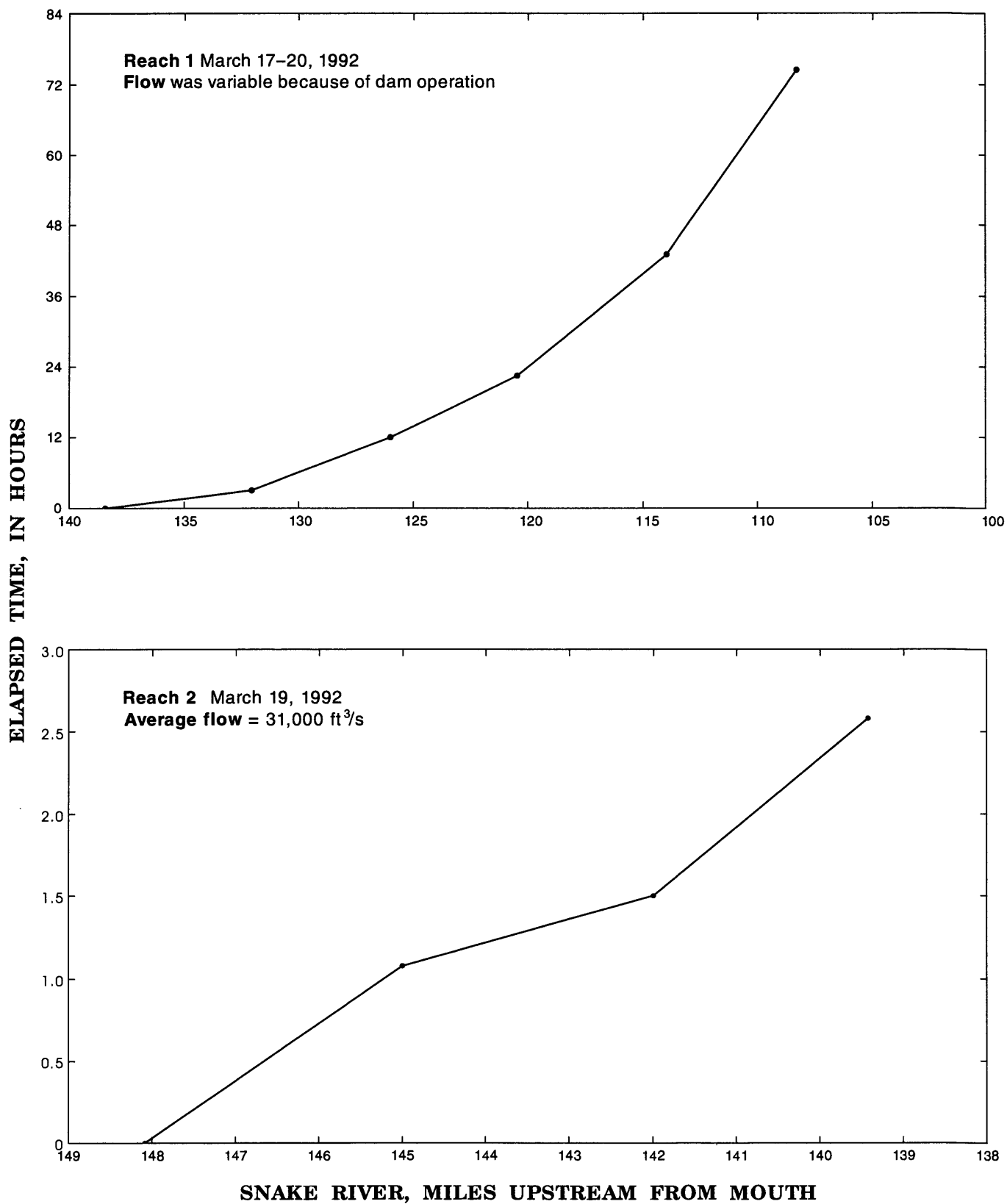


Figure 4. Time of travel of dye cloud (peak concentration), Snake River, March 17-20, 1992.

distribution of temperature and light transmissivity also were recorded in this manner; the vertical distribution was assumed to be constant in the turbulent flow. Data collected from several verticals at each river mile location assigned are shown in tables 12–48 (back of report).

TIME OF TRAVEL BY DYE TRACING

The determination of time of travel using dye tracers involves injecting a dye at some location in a stream and measuring the resulting dye concentrations at other locations downstream (Kilpatrick and Wilson, 1989). When a fluorescent dye is used as a tracer, the degree of fluorescence can be determined with a fluorometer. The concentration of dye in the sample is directly proportional to its fluorescence.

Each boat used to collect dye samples during this study was equipped with a Turner Model 10 fluorometer so samples could be examined quickly (Wilson and others, 1986). The fluorometers were calibrated under

laboratory conditions and checked with dye standards immediately prior to their use in the field and again after their use. The three fluorometers used in this study remained in calibration throughout the study.

At each assigned cross section, three water samples were collected randomly and sealed for later analysis of fluorescence and comparison with the field values determined at relative field locations. No random-sample value departed significantly from its corresponding field value.

On March 17, at 1200 hours, 275 pounds of liquid Rhodamine WT dye was dumped at Snake River mile 138.34 (downstream from the confluence of the Snake and Clearwater Rivers). The dye was distributed evenly across the river from three boats. Other boat crews waiting downstream began sampling for the dye at about 1400 hours. At each assigned cross section in the reservoir, samples were dipped from the surface at five evenly spaced locations. Additionally, subsurface samples were obtained at the three middle locations by using Van Dorn “thief samplers” to assure that a

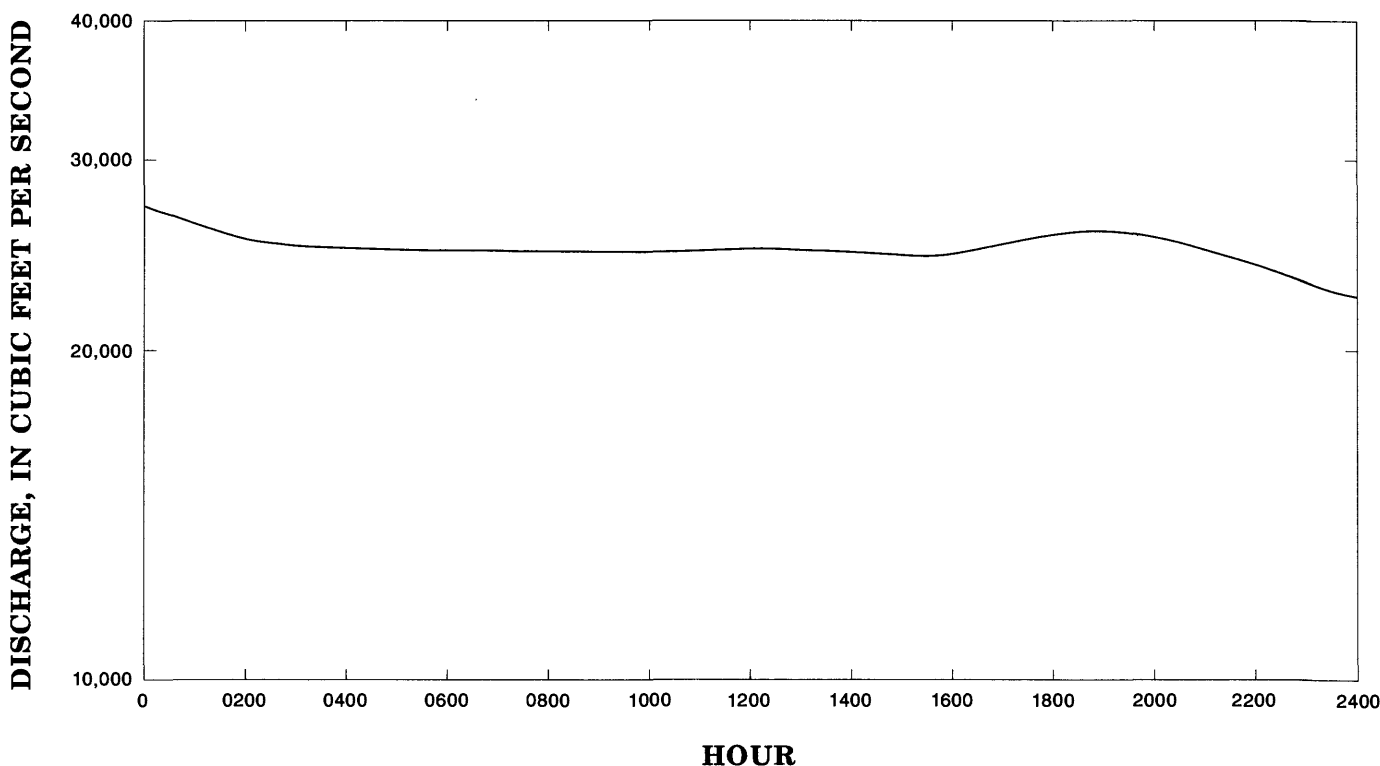


Figure 5. Instantaneous discharge at gaging station 13334300, Snake River near Anatone, Washington, March 19, 1992.

sample representative of the entire transect was obtained. Dye concentration values obtained from five to eight samples were averaged to compute a relative concentration for each transect. The dye was traced through the length of Lower Granite Reservoir by sampling at sections about 6 mi apart. Sampling continued for 78 hours from March 17 to 19; during some periods, two or three sections were sampled simultaneously.

Following the dye dump on March 17, the leading edge of the dye cloud was observed as follows:

River mile	Hours
132.05	2.5
126.07	10
120.46	20
113.90	36
108.31	57

On March 19, at 0730 hours, 20 pounds of Rhodamine WT dye was dumped from two boats at Snake River mile 148.09 (upstream from Asotin, Washington). The

dye was traced by sampling at sections about 3 mi apart in the same manner as for the March 17–19 test.

Following the dye dump on March 19, the leading edge of the dye cloud was observed as follows:

River mile	Hours
145.00	0.75
142.00	1.25
139.43	2.25

A plot of concentration against time was used to define the dye-response curve at each sampling site. Time of travel was measured by observing the time required for movement of the dye cloud, as defined by the response curve between sampling sites. Any identifiable point on the moving cloud—leading edge, trailing edge, centroid, or peak—can be used to calculate a time of travel (Kilpatrick and Wilson, 1989). For this study, the peak was used. Curves of concentration plotted against time for each of the eight transects used for dye sampling are shown in figures 2 and 3. Curves that represent the time of travel of the peak dye concen-

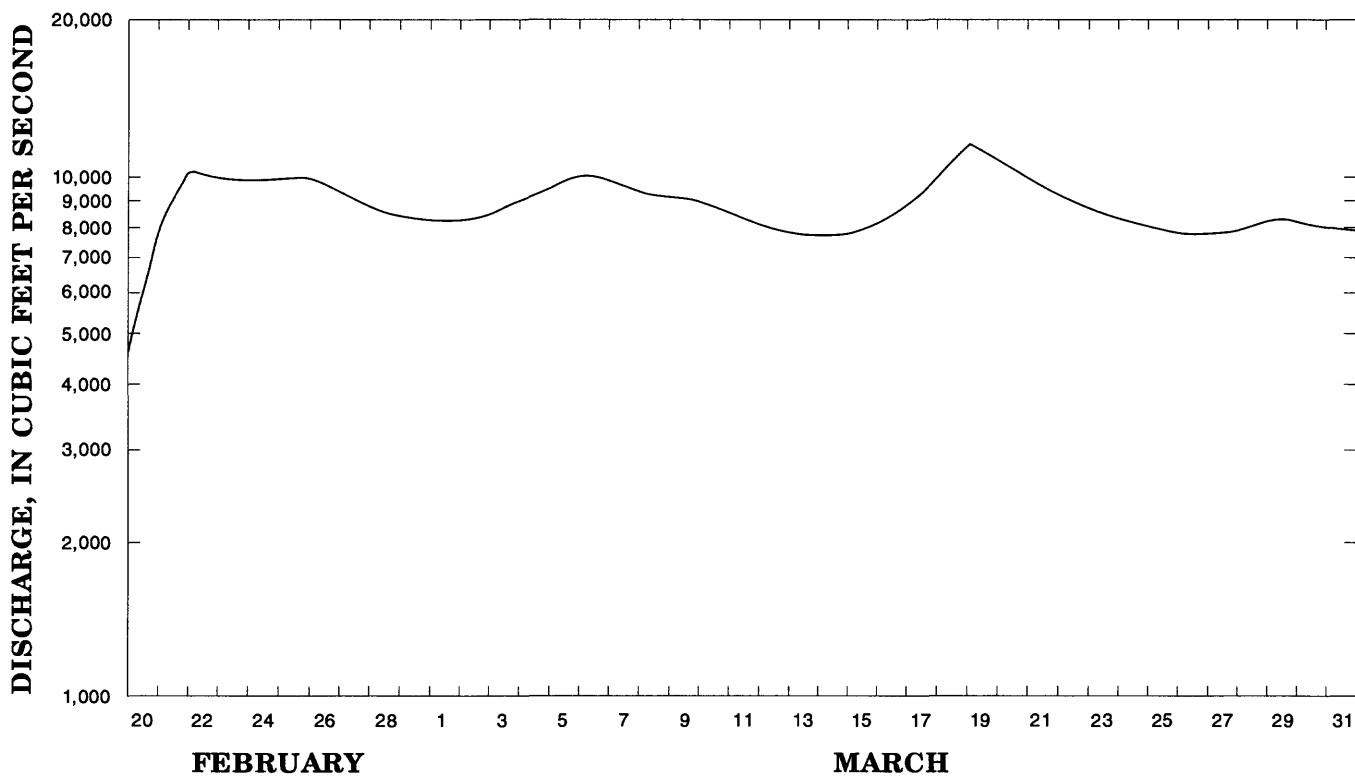


Figure 6. Mean daily discharge at streamflow-gaging station 13342500, Clearwater River at Spalding, Idaho, February–March 1992.

trations through the two study reaches are shown in figure 4.

By March 19, the reservoir had been drawn down to a point that allowed the reestablishment of riverine flow conditions in the two reaches. The dye cloud moved rapidly and initially was poorly mixed, as indicated by the dip in the time of concentration curve for river mile 145.00 (fig. 3). By 1200 hours, when sampling for the dye at river mile 139.43 was suspended, most of the dye cloud had moved downstream past the confluence.

For time of travel studies, the best results on regulated rivers are achieved if stream discharge is held at a constant rate. A hydrograph showing instantaneous discharge in the Snake River reach on March 19 is shown in figure 5. Mean daily discharge during the drawdown study from the two gaging stations—Clearwater River at Spalding, Idaho, and Snake River near Anatone, Washington—is shown in figures 6 and 7, respectively. Unsteady flow conditions in the reservoir during the dye test resulted from operations at Lower Granite

Dam, where outflows fluctuated between 10,000 and 100,000 ft³/s.

VELOCITY PROFILES

A broadband acoustic doppler current profiler (ADCP) was used to define both horizontal and vertical stream velocity distribution in each assigned cross section. The broadband ADCP system uses the acoustic doppler shift technique to measure vertical profiles of horizontal water velocities at user-set vertical intervals from a moving boat (RD Instruments, 1989). The ADCP is able to measure current velocity relative to the boat and velocity of the boat relative to the stream bottom. Tests have shown that point velocities measured by the ADCP agree to within 3 percent of velocities measured using conventional current meters (Simpson, 1986). Accuracy of velocities measured from a moving boat, as used for collecting these data, is dependent upon the speed of the boat relative to the

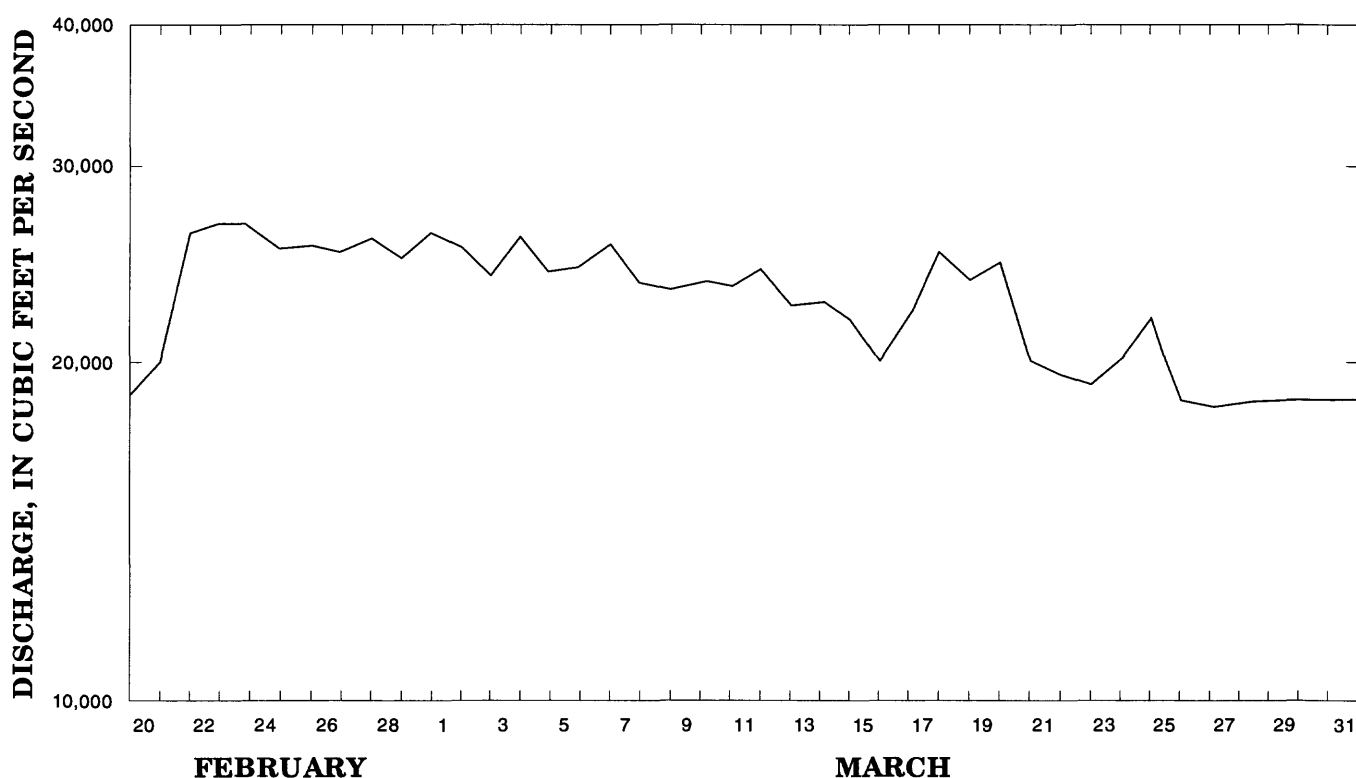


Figure 7. Mean daily discharge at streamflow-gaging station 13334300, Snake River near Anatone, Washington, February–March 1992.

water velocity and may not be as good as accuracy of point velocity measurements.

The ADCP was rigidly suspended in the instrument well or was attached to the side of a boat, and the transducers were submerged between 0.8 and 1.6 ft, depending on the boat being used. This configuration, combined with the inability of the ADCP to accurately measure velocity in depths less than about 4 ft, precluded profiling near the banks. At depths greater than about 95 ft, the signal from the ADCP transducers was not able to reach the bottom, so a weight-suspended Price current meter was used. Flow velocities were so low at these depths that boat movement erroneously increased the velocity measured by the current meter. When depths exceeded 95 ft, the boat was anchored at each location on the cross section, and several minutes were allowed to pass as the boat stabilized in the new position before any velocity readings were obtained using the current meter. Velocity readings generally were obtained at 20, 40, 60, and 80 percent of total depth at each location. Heading was not possible to determine when using the current meter because of poor visibility in the water column. Velocity profiles from 23 transects are presented in tables 49–112 (back of report). The tables illustrate actual point velocities as observed in the field.

REFERENCES CITED

- Buchanan, T.J., and Somers, W.P., 1969, Discharge measurements at gaging stations: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. A8, 65 p.
- Edwards, T.K., and Glysson, G.D., 1988, Field methods for measurement of fluvial sediment: U.S. Geological Survey Open-File Report 86–531, 112 p.
- Emmett, W.W., 1979, A field calibration of the sediment-trapping characteristics of the Helley-Smith bed-load sampler: U.S. Geological Survey Open-File Report 79–411, 96 p.
- Guy, H.P., and Norman, V.W., 1982, Field methods for measurement of fluvial sediment: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. C2, 59 p.
- Kilpatrick, F.A., and Wilson, J.F., Jr., 1989, Measurement of time of travel in streams by dye tracing: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. A9, 27 p.
- RD Instruments, 1989, Acoustic doppler current profilers—principles of operation—a practical primer: San Diego, Calif., RD Instruments, 36 p.
- Simpson, M.R., 1986, Evaluation of a vessel-mounted acoustic doppler current profiler for use in rivers and estuaries: IEEE Journal of Oceanographic Research, Third Working Conference on Current Measurement, Proceedings, p. 106–121.
- Wilson, J.F., Jr., Cobb, E.D., and Kilpatrick, F.A., 1986, Fluorometric procedures for dye tracing: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. A12, 41 p.

GLOSSARY OF TERMS

Bed material. The sediment mixture of which the bed is composed. In alluvial streams, *bed-material* particles are likely to be transported as *bedload* or suspended sediment during some future flow condition.

Bedload. The sediment that is transported in a stream by rolling, sliding, or skipping along the bed and very close to it. In this report, *bedload* is considered to consist of particles in transit within 0.3 feet of the streambed.

Bedload discharge. The quantity of *bedload* passing a *transect* in a unit of time.

Depth-integrated sample. A discharge-weighted (velocity-weighted) sample of water-sediment mixture collected at one or more verticals in accordance with the technique of depth integration. The discharge of any property of the sample expressible as a concentration can be obtained as the product of the concentration and the water discharge represented by the sample.

Equal-width-increment method. A procedure for obtaining the discharge-weighted *suspended-sediment concentration* of flow at a *transect* by: (1) performing depth integration at a series of verticals equally spaced across the *transect*, and (2) using the same vertical transit rate at all sampling verticals.

Particle-size distribution. The frequency distribution of the relative amounts of particles in a sample that are within specified size ranges. Relative amounts usually are expressed as a percent finer than a specified sieve size by weight.

Sediment discharge. The mass or volume of sediment (usually mass) passing a stream *transect* in a unit of time. The term may be qualified, for example, as *suspended-sediment discharge*, *bedload discharge*, or *total-sediment discharge*.

Suspended-sediment concentration. The velocity-weighted concentration of a suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 feet above the bed) expressed as weight of dry sediment per volume of water-sediment mixture.

Suspended-sediment discharge. The quantity of sediment, as measured by dry mass or volume, that passes a section in a given time.

Time of travel. The movement of water or waterborne solutes from point to point in a stream system with respect to the passage of time.

Transect. A specific location along a river reach where data are collected.

Tables	Short title	Pages
2-7	Bedload and bed material particle-size distribution	17-22
12-48	Temperature and light transmissivity profiles	23-59
49-56	Velocity profiles for Lower Granite at Clearwater River	60-99
57-107	Velocity profiles for Lower Granite at Snake River	100-560
108-112	Velocity profiles for Little Goose Reservoir	561-622

Headnotes for Tables 2-7 and 12-112

mm	millimeter; to convert millimeter to inch, multiply by 0.03937
ft	feet
Temp	water temperature
C	degrees Celsius
Trans	light transmissivity
%	percent
Btm	bottom
-	no data available
Pst	Pacific standard time

Table 2. Bedload and bed material particle-size distribution for 3 days in February and March 1992, Snake River near Anatone, Washington, streamflow-gaging station 13334300

[Percentage, by weight, finer than particle size indicated]

Sieve size (mm)	Bedload				Bed material			
	2-25-92	3-05-92	3-17-92	2-25-92	3-05-92	3-17-92	2-25-92	3-17-92
128.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16.0	100.0	100.0	100.0	100.0	26.8	100.0	100.0	100.0
8.0	82.7	100.0	100.0	100.0	3.3	100.0	100.0	100.0
4.0	79.8	100.0	100.0	100.0	2.3	100.0	100.0	100.0
2.0	78.4	94.5	98.4	98.4	2.1	85.7	100.0	100.0
1.0	76.0	86.8	95.1	95.1	2.0	85.7	100.0	100.0
0.5	57.8	60.4	75.4	75.4	1.2	71.4	100.0	100.0
0.250	5.1	7.7	18.0	18.0	0.3	42.9	100.0	100.0
0.125	0.4	1.1	4.9	4.9	0.0	14.3	100.0	100.0
0.063	0.2	0.0	1.6	1.6	0.0	0.0	50.0	50.0
pan material	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 3. *Bedload and bed material particle-size distribution for 3 days in February and March 1992, Snake River mile 139.43*

[Percentage, by weight, finer than particle size indicated]						
Sieve size (mm)	Bedload			Bed material		
	2-25-92	3-05-92	3-17-92	2-25-92	3-05-92	3-17-92
128.0	100.0	100.0	100.0	100.0	100.0	100.0
64.0	100.0	100.0	100.0	100.0	100.0	100.0
32.0	100.0	100.0	100.0	100.0	100.0	100.0
16.0	100.0	100.0	98.0	100.0	100.0	100.0
8.0	93.2	100.0	98.0	100.0	100.0	99.8
4.0	84.4	100.0	98.0	100.0	100.0	99.8
2.0	83.1	97.7	97.7	99.8	100.0	99.8
1.0	81.0	94.2	97.3	99.0	99.9	99.7
0.5	77.2	79.8	91.1	98.2	99.1	97.7
0.250	63.7	15.6	18.6	51.6	39.2	54.9
0.125	19.0	4.0	0.3	6.5	5.5	14.8
0.063	5.5	1.2	0.0	1.3	0.9	7.0
pan material	0.0	0.0	0.0	0.0	0.0	0.0

Table 4. *Bedload and bed material particle-size distribution for 3 days in February and March 1992, Snake River mile 137.17*

[Percentage, by weight, finer than particle size indicated]

Sieve size (mm)	Bedload				Bed material			
	2-25-92	3-05-92	3-17-92		2-25-92	3-05-92	3-17-92	
128.0	100.0	100.0	100.0		100.0	100.0	100.0	
64.0	100.0	100.0	100.0		100.0	100.0	100.0	
32.0	100.0	100.0	100.0		100.0	100.0	100.0	
16.0	100.0	100.0	100.0		100.0	100.0	100.0	
8.0	100.0	100.0	100.0		100.0	100.0	100.0	
4.0	99.3	100.0	100.0		100.0	99.9	100.0	
2.0	99.1	99.0	99.7		99.7	99.8	100.0	
1.0	98.4	98.3	99.1		98.5	99.4	99.9	
0.5	75.8	96.4	94.8		84.3	96.3	98.3	
0.250	4.5	29.7	32.0		42.4	39.3	48.5	
0.125	1.4	1.7	1.0		24.2	8.9	7.5	
0.063	0.6	0.3	0.1		7.7	1.2	3.3	
pan material	0.0	0.0	0.0		0.0	0.0	0.0	

Table 5. *Bedload and bed material particle-size distribution for 3 days in February and March 1992, Snake River mile 132.05*

[Percentage, by weight, finer than particle size indicated]

Sieve size (mm)	Bedload			Bed material		
	2-26-92	3-06-92	3-18-92	2-26-92	3-06-92	3-18-92
128.0	0.0	0.0	100.0	100.0	100.0	100.0
64.0	0.0	0.0	100.0	100.0	100.0	100.0
32.0	0.0	0.0	100.0	100.0	100.0	100.0
16.0	0.0	0.0	100.0	100.0	100.0	100.0
8.0	0.0	0.0	100.0	100.0	100.0	100.0
4.0	0.0	0.0	100.0	100.0	100.0	100.0
2.0	0.0	0.0	100.0	99.9	99.9	99.9
1.0	0.0	0.0	99.2	99.3	99.0	99.4
0.5	0.0	0.0	93.9	97.7	96.3	96.3
0.250	0.0	0.0	83.3	92.7	91.8	79.1
0.125	0.0	0.0	70.2	64.7	74.2	39.4
0.063	0.0	0.0	53.1	34.1	42.3	18.1
pan material	0.0	0.0	0.0	0.0	0.0	0.0

Table 6. *Bedload and bed material particle-size distribution for 3 days in February and March 1992, Clearwater River at Spalding, Idaho, streamflow-gaging station 13342500*

[Percentage, by weight, finer than particle size indicated]							
Sieve size (mm)	Bedload				Bed material		
	2-26-92	3-06-92	3-18-92	2-26-92	3-06-92	3-18-92	
128.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.0	10.0	100.0	100.0	100.0	100.0	100.0	100.0
16.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2.0	82.4	90.9	100.0	100.0	89.6	100.0	100.0
1.0	64.7	86.4	100.0	80.0	89.6	91.7	
0.5	47.1	68.2	92.2	80.0	60.4	83.3	
0.250	17.6	18.2	60.8	60.0	33.3	83.3	
0.125	5.9	4.5	41.2	40.0	22.9	75.0	
0.063	0.0	0.0	21.6	20.0	14.6	41.7	
pan material	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 7. Bedload and bed material particle-size distribution for 3 days
in February and March 1992, Clearwater River mile 0.41

[Percentage, by weight, finer than particle size indicated]

Sieve size (mm)	Bedload				Bed material			
	2-26-92	3-06-92	3-18-92	2-26-92	3-06-92	3-18-92	2-26-92	3-18-92
128.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
64.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8.0	100.0	100.0	100.0	100.0	99.4	99.5	100.0	100.0
4.0	100.0	100.0	99.8	99.1	99.3	99.9	99.9	99.9
2.0	94.4	99.9	99.8	98.7	99.0	99.8	99.8	99.8
1.0	91.8	97.6	99.6	97.9	98.0	99.5	99.5	99.5
0.5	88.4	89.7	53.3	95.5	95.5	70.1	95.5	70.1
0.250	80.3	64.2	3.9	76.4	77.1	10.6	77.1	10.6
0.125	51.0	40.0	0.2	38.8	43.5	0.2	43.5	0.2
0.063	30.1	25.9	0.1	25.0	22.5	0.0	22.5	0.0
pan material	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 12.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on February 25, 1992

Distance from left bank (feet)									
90		270		450		630		810	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
3.0	6.5	3.0	6.3	2.0	6.3	2.0	6.4	1.8	6.5
6.0	6.4	6.0	6.3	4.0	6.3	4.0	6.4	3.5	6.5
9.0	6.4	9.0	6.3	6.0	6.3	6.0	6.4	5.4	6.5
12.0	6.4	12.0	6.3	8.0	6.3	8.0	6.4	7.2	6.5
15	Btm	15	Btm	10	Btm	10	Btm	9	Btm

Distance from left bank (feet)									
90		270		450		630		810	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	21	3.3	21	3.3	20	3.3	19	3.3	15
6.7	21	6.7	21	6.7	19	6.7	19	6.7	14
9.8	23	9.8	20	9.8	18	9.8	18		
13.1	18	13.1	18						
16.4	15								
15	Btm	15	Btm	10	Btm	10	Btm	9	Btm

Table 13.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 6, 1992*

Distance from left bank (feet)									
30		90		150		210		270	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
	6.6		6.4		6.4		6.5		6.5
5	Btm	5	Btm	5	Btm	4	Btm	3	Btm

Table 14.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 17, 1992*

Distance from left bank (feet)									
35		105		175		245		315	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
1.4	8.6	1.8	8.4	1.4	8.4	1.0	8.6	.4	8.6
7	Btm	9	Btm	7	Btm	5	Btm	2	Btm

Table 15.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992*

Distance from left bank (feet)									
120		370		620		870		1,120	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
5.0	5.8	3.0	5.8	2.4	5.7	4.0	5.7	4.2	5.7
10.0	5.7	6.0	5.8	4.8	5.7	8.0	5.7	8.4	5.7
15.0	5.7	9.0	5.7	7.2	5.7	12.0	5.7	12.6	5.7
20.0	5.7	12.0	5.7	9.6	5.7	16.0	5.7	16.8	5.7
25	Btm	15	Btm	12	Btm	20	Btm	21	Btm

Distance from left bank (feet)									
120		370		620		870		1,120	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	33	3.3	32	1.7	33	3.3	32	3.3	29
6.7	32	6.7	31	3.3	32	6.7	32	6.7	29
9.8	32	9.8	30	5.0	32	9.8	31	9.8	29
13.1	32	13.1	30	6.7	32	13.1	31	13.1	28
16.4	31			8.2	32	16.4	31	16.4	22
19.7	31			9.8	32	19.7	30	19.7	26
23.0	30								
25	Btm	15	Btm	12	Btm	20	Btm	21	Btm

Table 16.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on March 18, 1992

Distance from left bank (feet)									
100		120		210					
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
3.6	7.2	4.2	7.2	3.0	7.2				
6	Btm	7	Btm	5	Btm				

Distance from left bank (feet)									
100		120		210					
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	32	3.3	38	3.3	37				
6	Btm	7	Btm	5	Btm				

Table 17.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 6, 1992

Distance from left bank (feet)									
90		270		450		630		810	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
2.6	6.7	2.2	6.6	1.6	6.6	3.0	6.5	2.8	6.6
5.2	6.7	4.4	6.6	3.2	6.6	6.0	6.5	5.6	6.6
7.8	6.6	6.6	6.6	4.8	6.5	9.0	6.5	8.4	6.6
10.4	6.6	8.8	6.6	6.4	6.5	12.0	6.5	11.2	6.6
13	Btm	11	Btm	8	Btm	15	Btm	14	Btm

Distance from left bank (feet)									
90		270		450		630		810	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	30	3.3	35	1.7	32	3.3	25	3.3	27
6.7	30	6.7	32	3.3	31	5.0	27	6.7	27
9.8	28	9.8	32	5.0	26	6.7	26	9.8	25
13.1	26	13.1	31	6.7	23	8.4	27	13.1	22
		16.4	20			9.8	25		
14	Btm	15	Btm	8	Btm	11	Btm	13	Btm

Table 18.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 148.09 on March 19, 1992*

Distance from left bank (feet)									
175		350		525					
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
7.2	8.0	4.8	8.1	3.6	8.1				
12	Btm	8	Btm	6	Btm				

Distance from left bank (feet)									
175		350		525					
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
6.7	42.0	5.0	42.0	3.3	42.0				
12	Btm	8	Btm	6	Btm				

Table 19.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 145.00 on March 19, 1992*

Distance from left bank (feet)									
200		400		600					
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
7.8	8.0	7.8	8.0	5.4	8.0				
13	Btm	13	Btm	9	Btm				

Distance from left bank (feet)									
225		450		675					
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
6.7	42.0	6.7	42.0	5.0	42.0				
13	Btm	13	Btm	9	Btm				

Table 20.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 142.00 on March 19, 1992*

Distance from left bank (feet)									
150		300		450					
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
6.0	8.0	8.4	8.0	8.4	8.0				
10	Btm	14	Btm	14	Btm				

Distance from left bank (feet)									
150		300		450					
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
5.0	43.0	8.2	43.0	8.2	43.0				
10	Btm	14	Btm	14	Btm				

Table 21.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992

Distance from left bank (feet)									
150		400		700		900		1,200	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
1.2	5.8	1.9	5.8	1.6	5.7	1.5	5.7	1.7	5.7
2.4	5.8	3.7	5.7	3.2	5.7	3.0	5.7	3.4	5.7
3.6	5.8	5.6	5.7	4.8	5.7	4.5	5.7	5.2	5.7
4.8	5.8	7.4	5.7	6.4	5.7	6.0	5.7	6.9	5.7
6	Btm	9.3	Btm	8	Btm	7.5	Btm	8.6	Btm

Distance from left bank (feet)									
150		400		700		900		1,200	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	29	3.3	33	3.3	32	3.3	31	3.3	32
6.7	28	6.7	32	6.7	31	6.7	31	6.7	31
9.8	27	9.8	31	9.8	31	9.8	31	9.8	31
13.1	27	13.1	31	13.1	30	13.1	31	13.1	31
16.4	28	16.4	31	16.4	30	16.4	31	16.4	31
		19.7	29	19.7	30	19.7	31	19.7	31
		23.0	30	23.0	30	23.0	29	23.0	31
		26.3	28					26.3	31
6	Btm	9.3	Btm	8	Btm	7.5	Btm	8.6	Btm

Table 22.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 5, 1992

Distance from left bank (feet)									
130		390		650		910		1,170	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
2.8	6.8	2.4	6.7	2.4	6.7	2.8	6.7	2.6	6.7
5.6	6.8	4.8	6.7	4.8	6.7	5.6	6.7	5.2	6.7
8.4	6.8	7.2	6.7	7.2	6.7	8.4	6.7	7.8	6.7
11.2	6.7	9.6	6.7	9.6	6.7	11.2	6.7	10.4	6.7
14	Btm	12	Btm	12	Btm	14	Btm	13	Btm

Distance from left bank (feet)									
130		390		650		910		1,170	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	32	3.3	39	3.3	39	3.3	39	3.3	38
5.0	32	5.0	38	5.0	38	5.0	39	5.0	39
6.7	31	6.7	38	6.7	38	6.7	39	6.7	38
8.2	32	8.2	38	8.2	39	8.2	39	8.2	38
9.8	33	9.8	38	9.8	38	9.8	39	9.8	37
11.5	30	11.5	38			11.5	38	11.5	37
13.1	32					13.1	37	13.1	35
14	Btm	12	Btm	12	Btm	14	Btm	13	Btm

Table 23.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 5, 1992*

Distance from left bank (feet)									
100		300		500		700		900	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
4.0	6.9	5.2	6.9	4.8	6.9	2.8	6.9	1.2	6.9
8.0	6.9	10.4	6.8	9.6	6.8	5.6	6.8	2.4	6.9
12.0	6.9	15.6	6.8	14.4	6.8	8.4	6.8	3.6	6.9
16.0	6.9	20.8	6.8	19.2	6.8	11.2	6.8	4.8	6.9
20	Btm	26	Btm	24	Btm	14	Btm	6	Btm

Distance from left bank (feet)									
130		390		650		910		1,170	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	32	6.7	37	3.3	38	3.3	38	1.7	38
6.7	32	13.1	37	9.8	37	5.0	38	3.3	38
9.8	31	19.7	38	16.4	37	6.7	37	5.0	38
13.1	30	26.3	36	23.0	37	8.4	38	6.7	38
16.4	30					9.8	37		
19.7	30					11.5	36		
20	Btm	26	Btm	24	Btm	14	Btm	6	Btm

Table 24.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 19, 1992*

Distance from left bank (feet)									
150		300		450					
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
9.0	7.9	9.0	7.9	5.4	7.9				
15	Btm	15	Btm	9	Btm				

Distance from left bank (feet)									
150		300		450					
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
8.2	33	8.2	40	5.0	40				
15	Btm	15	Btm	9	Btm				

Table 25.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992

Distance from left bank (feet)									
160		480		800		1,100		1,480	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
4.8	5.9	5.4	5.9	5.8	6.0	7.4	6.0	8.0	6.0
9.6	5.9	10.8	5.9	11.6	5.9	14.8	5.9	16.0	6.0
14.4	3.9	16.2	5.9	17.4	5.9	22.2	5.9	26.0	6.0
19.2	5.9	21.6	5.9	23.2	5.9	29.6	5.9	32.0	6.0
24	Btm	27	Btm	29	Btm	37	Btm	40	Btm

Distance from left bank (feet)									
160		480		800		1,100		1,480	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	32	3.3	33	3.3	32	3.3	31	6.7	30
6.7	32	6.9	33	6.7	33	9.8	32	13.1	28
9.8	32	9.8	33	9.8	34	16.4	34	19.7	27
13.1	32	13.1	33	13.1	34	23.0	34	26.3	26
16.4	32	16.4	33	16.4	34	29.5	32	32.8	27
19.7	31	19.7	33	19.7	34	36.1	32	39.4	28
23.0	30	23.0	33	23.0	34				
		26.3	33	26.3	34				
24	Btm	27	Btm	29	Btm	37	Btm	40	Btm

Table 26.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 5, 1992

Distance from left bank (feet)									
160		480		800		1,120		1,440	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
2.4	6.8	3.0	6.8	2.4	7.0	5.6	7.2	6.0	7.1
4.8	6.8	6.0	6.8	4.8	7.0	11.2	7.2	12.0	7.1
7.2	6.8	9.0	6.8	7.2	7.0	16.8	7.0	18.0	7.0
9.6	6.8	12.0	6.8	9.6	7.0	22.4	7.0	24.0	7.0
12	Btm	15	Btm	12	Btm	28	Btm	30	Btm

Distance from left bank (feet)									
160		480		800		1,120		1,440	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	28	3.3	33	3.3	36	6.7	34	3.3	35
6.7	27	6.7	32	6.7	36	13.1	35	9.8	32
9.8	28	9.8	32	9.8	35	19.7	32	16.4	32
13.1	27	13.1	33	13.1	35	26.3	31	23.0	32
								29.5	26
12	Btm	15	Btm	12	Btm	28	Btm	30	Btm

Table 27.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992*

Distance from left bank (feet)									
175		350		525					
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
4.8	8.5	4.8	8.2	4.2	7.8				
8	Btm	8	Btm	7	Btm				

Distance from left bank (feet)									
175		350		525					
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
5.0	33	5.0	10	5.0	5				
8	Btm	8	Btm	7	Btm				

Table 28.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992

Distance from left bank (feet)									
150		450		750		1,050		1,350	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
4.0	5.9	7.0	5.8	8.0	5.8	9.0	5.9	9.0	5.9
8.0	5.9	14.0	5.8	16.0	5.8	18.0	5.8	18.0	5.9
12.0	5.9	21.0	5.8	24.0	5.8	27.0	5.8	27.0	5.8
16.0	5.8	28.0	5.8	32.0	5.8	36.0	5.8	36.0	5.9
20	Btm	35	Btm	40	Btm	45	Btm	45	Btm

Distance from left bank (feet)									
150		450		750		1,050		1,350	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	18	6.7	28	6.7	28	3.3	26	6.7	23
6.7	16	13.1	28	13.1	28	9.8	25	13.1	24
9.8	17	19.7	30	19.7	29	16.4	26	19.7	24
13.1	18	26.3	30	26.3	28	23.0	25	26.3	24
16.4	18	32.8	28	32.8	29	29.5	26	32.8	23
19.7	18			39.4	28	36.1	26	39.4	23
						42.7	25		
20	Btm	35	Btm	40	Btm	45	Btm	45	Btm

Table 29.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 5, 1992*

Distance from left bank (feet)									
120		360		600		840		1,060	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
1.4	7.0	5.6	6.9	7.6	6.9	5.0	6.8	2.8	7.3
2.8	7.0	11.2	6.8	15.2	6.8	10.0	6.7	5.6	7.2
4.2	7.0	16.8	6.8	22.8	6.8	15.0	6.7	8.4	7.2
5.6	7.0	22.4	6.8	30.4	6.8	20.0	6.7	11.2	7.0
7	Btm	28	Btm	38	Btm	25	Btm	14	Btm

Distance from left bank (feet)									
120		360		600		840		1,060	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
1.7	31	6.7	31	6.7	35	3.3	34	3.3	17
3.3	30	13.1	30	16.4	34	9.8	34	6.7	18
5.0	30	19.7	30	26.3	34	16.4	29	9.8	15
6.7	30	26.3	30	36.1	29	23.0	29	13.1	8
8.2	30								
7	Btm	28	Btm	38	Btm	25	Btm	14	Btm

Table 30.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992*

Distance from left bank (feet)									
225		450		675					
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
8.4	8.2	9.0	8.1	12.0	7.6				
14	Btm	15	Btm	20	Btm				

Distance from left bank (feet)									
225		450		675					
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
8.2	22	8.2	28	11.5	19				
14	Btm	15	Btm	20	Btm				

Table 31.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992*

Distance from left bank (feet)									
170		520		870		1,220		1,570	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
10.0	6.3	14.0	6.2	12.6	6.2	9.2	6.2	1.0	6.3
20.0	6.2	28.0	6.2	25.2	6.2	18.4	6.2	2.0	6.3
30.0	6.2	42.0	6.2	37.8	6.2	27.6	6.2	3.0	6.2
40.0	6.2	56.0	6.2	50.4	6.2	36.8	6.2	4.0	6.2
50	Btm	70	Btm	63	Btm	46	Btm	5	Btm

Distance from left bank (feet)									
170		520		870		1,220		1,570	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
6.7	31	9.8	30	9.8	30	6.7	29	1.7	19
13.1	31	19.7	31	19.7	30	13.1	28	3.3	16
19.7	31	29.5	31	29.5	29	19.7	28	5.0	19
26.3	31	39.4	30	39.4	29	26.3	28		
32.8	31	49.2	30	49.2	28	32.8	27		
39.4	30	59.1	30	59.1	28	39.4	28		
45.9	30	68.9	29			45.9	28		
50	Btm	70	Btm	63	Btm	46	Btm	5	Btm

Table 32.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992*

Distance from left bank (feet)									
170		520		870		1,220		1,570	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
10.0	6.0	13.0	6.0	12.6	5.9	9.4	6.0	1.6	5.9
20.0	6.0	26.0	6.0	25.2	5.9	18.8	6.0	3.2	5.9
30.0	6.0	39.0	5.9	37.8	6.0	28.2	6.0	4.8	5.9
40.0	6.0	52.0	6.0	50.4	6.0	37.6	6.0	6.4	5.9
50	Btm	65	Btm	63	Btm	47	Btm	8	Btm

Distance from left bank (feet)									
170		520		870		1,220		1,570	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
6.7	35	6.7	35	9.8	34	3.3	34	1.7	28
13.1	35	16.4	34	19.7	34	9.8	32	3.3	26
19.7	34	26.3	34	29.5	34	16.4	32	5.0	26
26.3	34	36.1	34	39.4	34	23.0	32	6.7	25
32.8	34	45.9	34	49.2	32	29.5	30		
39.4	34	55.8	33	59.1	28	36.1	30		
45.9	33					42.7	28		
50	Btm	65	Btm	63	Btm	47	Btm	8	Btm

Table 33.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992*

Distance from left bank (feet)									
90		270		450		630		810	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
3.6	8.0	5.4	8.1	6.4	8.0	7.4	7.6	5.6	7.4
7.2	8.0	10.8	8.0	12.8	8.0	14.8	7.6	11.2	7.4
10.8	8.0	16.2	8.0	19.2	7.9	22.2	7.8	16.8	7.4
14.4	8.0	21.6	8.0	25.6	7.9	29.6	7.9	22.4	7.4
18	Btm	27	Btm	32	Btm	37	Btm	28	Btm

Distance from left bank (feet)									
90		270		450		630		810	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	18	6.7	18	3.3	19	6.7	17	6.7	17
6.7	10	13.1	10	9.8	14	13.1	17	13.1	10
9.8	10	19.7	3	16.4	16	19.7	10	19.7	6
13.1	5	26.3	0	23.0	4	26.3	4	26.3	4
16.4	5			29.5	1	32.8	1		
18	Btm	27	Btm	32	Btm	37	Btm	28	Btm

Table 34.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 26, 1992

Distance from left bank (feet)									
300		900		1,500		2,100		2,700	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
9.4	6.2	12.8	6.2	7.0	6.1	4.0	6.0	2.6	6.1
18.4	6.2	25.6	6.2	14.0	6.1	8.0	6.0	5.2	6.1
28.2	6.2	38.4	6.2	21.0	6.1	12.0	6.0	7.8	6.0
37.6	6.2	51.2	6.2	28.0	6.1	16.0	5.9	10.4	6.0
47	Btm	64	Btm	35	Btm	20	Btm	13	Btm

Distance from left bank (feet)									
300		900		1,500		2,100		2,700	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
6.7	30	6.7	30	6.7	27	3.3	27	3.3	27
13.1	29	13.1	30	13.1	27	6.7	26	6.7	26
19.7	29	19.7	29	19.7	27	9.8	25	9.8	24
26.3	29	26.3	29	26.3	27	13.1	25	13.1	23
32.8	29	32.8	28	32.8	27	16.4	24		
39.4	29	39.4	28			19.7	21		
45.9	29	45.9	29						
		52.5	29						
		59.1	27						
47	Btm	64	Btm	35	Btm	20	Btm	13	Btm

Table 35.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 6, 1992

Distance from left bank (feet)									
200		600		1,000		1,400		1,800	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
.8	7.8	1.6	7.6	2.8	7.4	8.8	7.0	8.8	7.1
1.6	7.8	3.2	7.6	5.6	7.4	17.6	6.9	17.6	7.0
2.4	7.8	4.8	7.6	8.4	7.4	26.4	6.9	26.4	6.9
3.2	7.8	6.4	7.5	11.2	7.4	35.2	6.9	35.2	6.8
4	Btm	8	Btm	14	Btm	44	Btm	44	Btm

Distance from left bank (feet)									
200		600		1,000		1,400		1,800	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
1.7	20	1.7	26	3.3	31	3.3	37	3.3	36
3.3	21	3.3	26	6.7	31	13.1	37	13.1	35
		5.0	27	9.8	31	23.0	33	23.0	33
				13.1	30	32.8	34	32.8	28
						42.7	30	42.7	17
4	Btm	8	Btm	14	Btm	44	Btm	44	Btm

Table 36.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 7, 1992*

Distance from left bank (feet)									
170		510		850		1,190		1,530	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
.6	7.2	8.0	7.0	8.8	7.0	8.6	7.0	6.6	7.2
2.4	7.2	16.0	7.0	17.6	7.0	17.2	7.0	13.2	7.2
		24.0	7.0	26.4	7.0	25.8	7.0	19.8	7.0
		32.0	7.0	35.2	7.0	34.4	7.0	26.4	7.0
3	Btm	40	Btm	44	Btm	43	Btm	33	Btm

Distance from left bank (feet)									
170		510		850		1,190		1,530	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
1.7	25	9.8	33	3.3	36	3.3	37	6.7	36
		19.7	32	13.1	31	13.1	34	13.1	35
		29.5	30	23.0	31	23.0	30	19.7	36
		39.4	28	32.8	28	32.8	26	26.3	34
				42.7	28	42.7	18	32.8	27
3	Btm	40	Btm	44	Btm	43	Btm	33	Btm

Table 37.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992

Distance from left bank (feet)									
100		300		500		700		900	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
5.2	8.4	6.0	8.3	7.2	8.2	7.2	8.2	5.2	8.3
10.4	8.4	12.0	8.3	14.4	8.2	14.4	8.2	10.4	8.2
15.6	8.4	18.0	8.3	21.6	8.2	21.6	8.2	15.6	8.2
20.8	8.4	24.0	8.3	28.8	8.3	28.8	8.2	20.8	8.2
26	Btm	30	Btm	36	Btm	36	Btm	26	Btm

Distance from left bank (feet)									
100		300		500		700		900	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	17	3.3	21	6.7	21	6.7	20	3.3	22
9.8	14	9.8	16	13.1	16	13.1	17	9.8	16
16.4	12	19.7	16	19.7	16	19.7	15	16.4	12
23.0	10	29.5	12	26.3	14	26.3	11	23.0	7
				32.8	11	32.8	4		
26	Btm	30	Btm	36	Btm	36	Btm	26	Btm

Table 38.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992*

Distance from left bank (feet)									
110		330		550		770		990	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
5.2	7.9	6.4	7.8	7.0	7.8	5.6	7.6	4.6	7.5
10.4	7.9	12.8	7.9	14.0	7.8	11.2	7.6	9.2	7.5
15.6	8.0	19.2	7.9	21.0	7.9	16.8	7.8	13.8	7.7
20.8	8.0	25.6	7.9	28.0	7.9	22.4	7.8	18.4	7.7
26	Btm	32	Btm	35	Btm	28	Btm	23	Btm

Distance from left bank (feet)									
110		330		550		770		990	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	16	3.3	18	6.7	20	6.7	20	5.0	16
19.8	14	9.8	10	13.1	12	13.1	16	9.8	13
16.4	10	16.4	9	19.7	8	19.7	6	14.8	10
23.0	4	23.0	9	26.3	10	26.3	2	19.7	3
		29.5	7	32.8	2				
26	Btm	32	Btm	35	Btm	28	Btm	23	Btm

Table 39.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992*

Distance from left bank (feet)									
110		330		550		770		990	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
5.4	7.8	6.6	7.7	7.4	7.7	5.8	7.8	5.0	7.8
10.8	7.8	13.2	7.7	14.8	7.7	11.6	7.7	10.0	7.8
16.2	7.8	19.8	7.8	22.2	7.7	17.4	7.7	15.0	7.7
21.6	7.9	26.4	7.8	29.6	7.7	23.2	7.7	20.0	7.7
27	Btm	33	Btm	37	Btm	29	Btm	25	Btm

Distance from left bank (feet)									
110		330		550		770		990	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
6.7	22	3.3	27	3.3	30	6.7	27	6.7	25
13.1	22	13.1	26	13.1	27	13.1	26	13.1	22
19.7	22	23.0	21	23.0	25	19.7	20	19.7	14
23.0	18	29.5	21	32.8	20	26.3	14	23.0	10
		32.8	0						
27	Btm	33	Btm	37	Btm	29	Btm	25	Btm

Table 40.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992*

Distance from left bank (feet)									
200		600		1,000		1,400		1,800	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
9.8	6.0	20.0	5.8	17.2	5.8	8.0	5.9	2.0	5.9
19.6	5.9	40.0	5.8	34.3	5.8	16.0	5.8	4.0	5.9
29.4	5.9	60.0	5.8	51.6	5.8	24.0	5.8	6.0	5.8
39.2	5.9	80.0	5.8	68.8	5.8	32.0	5.8	8.0	5.8
49	Btm	100	Btm	86	Btm	40	Btm	10	Btm

Distance from left bank (feet)									
200		600		1,000		1,400		1,800	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
6.7	28	16.4	27	3.3	28	3.3	28	1.7	26
16.4	28	32.8	28	16.4	27	9.8	27	3.3	25
26.3	28	49.2	27	29.5	27	19.7	26	5.0	25
36.1	28	65.6	27	42.7	27	29.5	25	6.7	25
45.9	28	82.0	27	55.8	27	39.4	25	8.2	25
		98.4	28	68.9	27			9.8	25
				82.0	27				
49	Btm	100	Btm	86	Btm	40	Btm	10	Btm

Table 41.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 7, 1992*

Distance from left bank (feet)									
150		450		750		1,050		1,350	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
8.0	7.3	11.2	7.3	14.6	7.2	17.4	7.2	7.8	7.2
16.0	7.2	22.4	7.2	29.2	7.2	34.8	7.2	15.6	7.2
24.0	7.2	33.6	7.2	43.8	7.2	52.2	7.2	23.4	7.2
32.0	7.2	44.8	7.2	58.4	7.2	69.6	7.2	31.2	7.2
40	Btm	56	Btm	73	Btm	87	Btm	39	Btm

Distance from left bank (feet)									
150		450		750		1,050		1,350	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
6.7	30	13.1	34	6.7	35	3.3	36	6.7	36
16.4	30	26.3	33	23.0	34	19.7	36	16.4	36
26.3	27	39.4	27	39.4	32	36.1	36	26.3	35
36.1	22	52.5	24	55.8	32	52.5	35	36.1	35
				72.2	32	68.9	34		
						85.3	34		
40	Btm	56	Btm	73	Btm	87	Btm	39	Btm

Table 42.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992

Distance from left bank (feet)									
140		420		700		980		1,360	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
6.6	8.0	10.0	8.0	14.0	8.0	14.0	89.0	5.0	8.1
13.2	7.9	20.0	8.0	28.0	7.9	28.0	8.0	10.0	8.0
19.8	7.9	30.0	7.9	42.0	7.9	42.0	8.0	15.0	8.0
26.4	7.9	40.0	7.9	56.0	7.9	56.0	8.0	20.0	8.0
33	Btm	50	Btm	70	Btm	70	Btm	25	Btm

Distance from left bank (feet)									
140		420		700		980		1,360	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	21	3.3	21	3.3	22	3.3	18	3.3	22
13.1	19	16.4	21	19.7	22	19.7	18	9.8	22
23.0	16	29.5	20	36.1	22	36.1	18	16.4	22
32.8	16	42.7	20	52.5	22	52.5	18	23.0	22
		55.8	14	68.9	21	68.9	16		
33	Btm	50	Btm	70	Btm	70	Btm	25	Btm

Table 43.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992*

Distance from left bank (feet)									
220		660		1,100		1,540		1,980	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
5.0	5.9	14.0	5.9	15.0	5.8	15.0	5.9	12.0	5.9
10.0	5.9	28.0	5.8	30.0	5.8	30.0	5.8	24.0	5.8
15.0	5.9	42.0	5.8	45.0	5.8	45.0	5.8	36.0	5.8
20.0	5.9	56.0	5.8	60.0	5.8	60.0	5.8	48.0	5.8
25	Btm	70	Btm	75	Btm	75	Btm	60	Btm

Distance from left bank (feet)									
220		660		1,100		1,540		1,980	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	29	3.3	29	3.3	29	3.3	29	6.7	28
6.7	28	9.8	28	13.1	28	13.1	28	16.4	28
9.8	28	19.7	28	23.0	28	23.0	28	26.3	27
13.1	28	29.5	28	32.8	28	32.8	28	36.1	27
16.4	28	39.4	28	42.7	28	42.7	27	45.9	27
19.7	28	49.2	28	52.5	28	52.5	27	55.8	27
		59.1	28	62.3	27	62.3	27		
		68.9	27	72.2	26	72.2	27		
25	Btm	70	Btm	75	Btm	75	Btm	60	Btm

Table 44.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 7, 1992

Distance from left bank (feet)									
210		630		1,050		1,470		1,890	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
7.6	7.3	10.6	7.4	11.4	7.3	9.6	7.4	7.2	7.4
15.2	7.3	21.2	7.3	22.8	7.3	19.2	7.3	14.4	7.3
22.8	7.3	31.8	7.3	34.2	7.3	28.8	7.3	21.6	7.3
30.4	7.2	42.4	7.3	45.6	7.3	38.4	7.3	28.8	7.3
38	Btm	53	Btm	57	Btm	48	Btm	36	Btm

Distance from left bank (feet)									
210		630		1,050		1,470		1,890	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
6.7	34	9.8	36	13.1	35	6.7	37	6.7	36
13.1	32	19.7	34	26.3	32	19.7	35	13.1	36
19.7	32	29.5	31	39.4	32	32.8	32	19.7	35
26.3	31	39.4	30	52.5	34	45.9	31	26.3	36
32.8	27	49.2	30					32.8	34
38	Btm	53	Btm	57	Btm	48	Btm	36	Btm

Table 45.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992*

Distance from left bank (feet)									
200		600		1,000		1,400		1,800	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
7.6	8.1	7.2	8.0	7.8	8.0	9.0	8.1	5.2	8.1
15.2	8.0	14.4	8.0	15.6	8.0	18.0	7.9	10.4	8.0
22.8	7.9	21.6	7.9	23.4	7.9	27.0	7.9	15.6	7.9
30.4	7.8	28.8	7.9	31.2	7.9	36.0	7.8	20.8	7.9
38	Btm	36	Btm	39	Btm	45	Btm	26	Btm

Distance from left bank (feet)									
200		600		1,000		1,400		1,800	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	18	3.3	22	3.3	22	3.3	23	3.3	23
13.1	19	13.0	22	13.1	22	13.1	23	9.8	21
23.0	20	23.0	22	23.0	22	23.0	22	16.4	21
32.8	18	32.8	20	32.8	21	32.8	22	23.0	20
						42.7	20		
38	Btm	36	Btm	39	Btm	45	Btm	26	Btm

Table 46.—*Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 108.31 on February 27, 1992*

Distance from left bank (feet)									
300		900		1,500		2,100		2,700	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
17.0	5.8	18.6	5.7	23.6	5.6	17.0	5.5	11.8	5.6
34.0	5.7	37.2	5.7	47.2	5.5	34.0	5.4	23.6	5.5
51.0	5.7	55.8	5.6	70.8	5.4	51.0	5.4	35.4	5.4
68.0	5.7	74.4	5.3	94.4	5.3	68.0	5.3	47.2	5.3
85	Btm	93	Btm	118	Btm	85	Btm	59	Btm

Distance from left bank (feet)									
300		900		1,500		2,100		2,700	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
9.8	14	3.3	14	16.4	10	13.1	8	9.8	8
23.0	13	19.7	12	32.8	9	26.3	8	19.7	8
36.1	12	36.1	12	49.2	8	39.4	8	29.5	8
49.2	12	52.5	10	65.6	8	52.5	8	39.4	8
62.3	12	68.9	8	82.0	8	65.6	8	49.2	8
75.5	12	85.3	10	98.4	10	78.7	8	59.1	0
				114.8	10				
85	Btm	93	Btm	118	Btm	85	Btm	59	Btm

Table 47.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 7, 1992

Distance from left bank (feet)									
300		900		1,500		2,100		2,700	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
9.0	7.3	13.4	7.1	20.8	6.9	20.0	7.0	14.6	7.0
18.0	6.9	26.8	6.8	41.6	6.8	40.0	7.0	29.2	7.0
27.0	6.6	40.2	6.8	62.4	6.8	60.0	6.8	43.8	6.9
36.0	6.6	53.6	6.7	83.2	6.7	80.0	6.8	58.4	6.9
45	Btm	67	Btm	104	Btm	100	Btm	73	Btm

Distance from left bank (feet)									
300		900		1,500		2,100		2,700	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	33	13.1	36	16.4	35	16.4	36	16.4	35
13.1	32	26.3	34	36.1	34	36.1	35	29.5	36
23.0	31	39.4	33	55.8	33	55.8	35	42.7	35
32.6	30	52.5	30	75.5	30	75.5	33	55.8	34
42.7	30	65.6	26	95.2	30	95.2	32	68.9	34
45	Btm	67	Btm	104	Btm	100	Btm	73	Btm

Table 48.—Temperature and light transmissivity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992

Distance from left bank (feet)									
300		900		1,500		2,100		2,700	
Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)	Depth (ft)	Temp (C)
10.6	9.0	16.6	9.0	17.0	9.0	13.6	9.0	11.4	9.1
21.2	9.0	33.2	9.0	34.0	8.9	27.2	8.8	22.8	9.1
31.8	9.0	49.8	8.9	51.0	8.8	40.8	8.8	34.2	9.0
42.4	9.0	66.4	8.8	68.0	8.8	54.4	8.8	45.6	9.0
53	Btm	83	Btm	85	Btm	68	Btm	57	Btm

Distance from left bank (feet)									
300		900		1,500		2,100		2,700	
Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)	Depth (ft)	Trans (%)
3.3	15	13.3	16	16.6	16	3.3	18	3.3	20
19.7	15	23.0	16	23.0	16	19.7	18	19.7	18
36.1	15	42.1	14	42.7	18	36.1	18	36.1	18
49.2	10	62.3	14	62.3	18	52.5	18	52.5	16
		78.7	13	82.0	16	68.9	16		
53	Btm	83	Btm	85	Btm	68	Btm	57	Btm

Table 49.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on February 25, 1992 (1550 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)																			
56				84				114				141				170			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
3.3	0.17	214	3.3	0.51	211	3.3	0.87	212	3.3	1.1	230	3.3	1.2	234					
4.9	0.22	226	4.9	0.48	229	4.9	0.72	219	4.9	1.1	227	4.9	1.1	235					
6.6	0.20	240	6.6	0.48	224	6.6	0.57	225	6.6	1.0	236	6.6	0.99	243					
8.2	0.21	234	8.2	0.41	231	8.2	0.59	227	8.2	0.93	236	8.2	0.86	241					
9.8	0.27	232	9.8	0.38	230	9.8	0.65	232	9.8	0.99	235	9.8	1.0	245					
11.5	0.29	222	11.5	0.38	226	11.5	0.62	241	11.5	0.81	235	11.5	0.90	245					
13.1	0.26	216	13.1	0.45	236	13.1	0.54	256	13.1	0.75	234	13.1	0.90	245					
14.8	0.11	194	14.8	0.37	238	14.8	0.18	265	14.8	0.63	238	14.8	0.88	237					
17.0	btm		16.4	0.05	37	16.4	0.10	325	16.4	0.15	324	16.4	0.12	239					
			18.5	btm		17.6	btm		18.1	btm		18.6	btm						

Table 49.--Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34
on February 25, 1992 (1550 pst)--Continued

Distance from left bank (feet)										
202			234			267			300	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
3.3	1.1	241	3.3	1.2	232	3.3	0.96	231	3.3	1.0
4.9	1.1	240	4.9	1.2	234	4.9	1.1	233	4.9	1.0
6.6	1.1	240	6.6	1.2	235	6.6	1.1	238	6.6	0.95
8.2	1.1	241	8.2	1.0	237	8.2	0.96	236	8.2	1.0
9.8	1.0	241	9.8	1.1	231	9.8	0.93	236	9.8	0.86
11.5	1.0	238	11.5	1.0	233	11.5	0.89	234	11.5	0.87
13.1	0.99	236	13.1	0.95	237	13.1	0.80	240	13.1	0.69
14.8	0.79	243	14.8	0.91	245	14.8	0.17	271	14.8	0.01
16.4	0.24	258	16.4	0.12	277	17.0	btm		14.8	0.06
18.0	0.17	289	18.1	btm					15.6	btm
18.7	btm									

Table 49.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34
on February 25, 1992 (1550 pst)—Continued

Distance from left bank (feet)																			
359				393				428				463				489			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	0.82	237		3.3	0.94	229		3.3	0.90	227		3.3	0.86	245		3.3	0.97	235	
4.9	0.73	241		4.9	0.83	225		4.9	0.83	230		4.9	0.96	250		4.9	0.84	238	
6.6	0.71	240		6.6	0.65	230		6.6	0.71	225		6.6	0.91	248		6.6	0.83	241	
8.2	0.74	244		8.2	0.56	221		8.2	0.57	238		8.2	0.48	266		8.2	0.80	236	
9.8	0.12	340		9.8	0.05	126		9.8	0.03	32		9.8	0.22	321		9.8	0.11	308	
11.6 btm				11.2 btm				11.3 btm				11.1 btm				11.3 btm			

Table 49.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34
on February 25, 1992 (1550 pst)—Continued

Distance from left bank (feet)																			
525				559				594				621				656			

Table 49.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34
on February 25, 1992 (1550 pst)—Continued

Distance from left bank (feet)									
725				756				784	
691								818	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
3.3	0.94	229	3.3	0.95	230	3.3	0.77	3.3	0.73
4.9	0.98	227	4.9	0.91	228	4.9	0.74	4.9	0.73
6.6	0.84	232	6.6	0.83	228	6.6	0.77	6.6	0.63
8.2	0.69	235	8.2	0.87	228	8.2	0.66	8.2	0.17
9.8	0.08	289	9.8	0.04	306	9.8	0.15	9.8	0.08
11.4 btm			11.7 btm			11.5	0.06	10.5 btm	
						11.8 btm			

Table 49.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34
on February 25, 1992 (1550 pst)—Continued

Distance from left bank (feet)									
850				883				893	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Hdg
3.3	0.58	223	3.3	0.65	228	3.3	0.45	202	
4.9	0.57	217	4.9	0.64	226	4.9	0.40	188	
6.6	0.47	225	6.6	0.13	221	6.6	0.06	147	
8.2	0.10	194	8.4	btm		8.4	btm		
10.0	btm								

Table 50.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 06, 1992 (1049 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)																								
48					80					109					142					172				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth	Hdg		
2.9	3.8	224	2.9	4.8	220	2.9	5.6	219	2.9	4.8	222	2.9	4.6	227										
3.7	3.7	227	3.7	4.6	221	3.7	5.6	219	3.7	4.8	222	3.7	4.6	227										
4.5	2.8	224	4.5	4.3	220	4.5	5.2	217	4.5	4.4	222	4.5	4.2	227										
5.3	2.0	230	5.3	3.9	223	5.3	4.6	220	5.3	4.0	224	5.3	3.1	219										
6.1	0.40	233	6.1	3.0	223	6.1	3.9	214	6.1	1.9	209	6.1	0.56	212										
7.1	btm		7.0	0.39	180	7.0	2.1	182	7.0	0.30	187	7.0	0.34	285										
			8.3	btm		7.8	1.3	193	7.9	btm		7.4	btm											
						8.4	btm																	

Table 50.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 06, 1992 (1049 pst)—
Continued

Distance from left bank (feet)																			
203				238				269				302				340			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
2.9	4.9	230	2.9	4.7	235	2.9	4.4	237	2.9	4.2	237	2.9	4.0	246					
3.7	4.7	228	3.7	4.5	234	3.7	3.9	234	3.7	3.9	238	3.7	1.7	258					
4.5	4.4	227	4.5	3.6	239	4.5	3.7	243	4.5	3.3	255	4.5	0.86	256					
5.3	3.5	227	5.3	1.7	226	5.3	0.71	206	5.3	1.6	276	5.5	btm						
6.1	0.71	228	6.1	0.49	257	6.7	btm		6.3	btm									
7.2	btm		7.0	btm															

Table 50.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 06, 1992 (1049 pst)—
Continued

Distance from left bank (feet)									
371					383				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Hdg
2.9	0.95	225	2.9	0.65	120				
3.7	0.54	206	3.7	0.43	165				
4.5 btm			3.8	btm					

Table 51.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34 on March 17, 1992 (1515 pst)—Continued

[illegible]

Table 51.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 2.34
on March 17, 1992 (1515 pst)—Continued

Distance from left bank (feet)									
348									
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
2.9	0.52	62							
3.8	btm								

Table 52.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)—Continued

Distance from left bank (feet)																			
219				251				282				314				347			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	0.26	285		3.3	0.25	272		3.3	0.29	300		3.3	0.35	290		3.3	0.37	291	
4.9	0.20	290		4.9	0.27	289		4.9	0.36	295		4.9	0.38	286		4.9	0.35	281	
6.6	0.18	299		6.6	0.26	286		6.6	0.37	281		6.6	0.38	271		6.6	0.29	273	
8.2	0.23	297		8.2	0.27	284		8.2	0.41	271		8.2	0.30	282		8.2	0.36	274	
9.8	0.26	290		9.8	0.32	271		9.8	0.33	288		9.8	0.36	281		9.8	0.26	278	
11.5	0.29	283		11.5	0.26	280		11.5	0.33	278		11.5	0.33	285		11.5	0.27	287	
13.1	0.27	297		13.1	0.19	286		13.1	0.32	280		13.1	0.33	286		13.1	0.29	264	
14.8	0.27	294		14.8	0.30	277		14.8	0.27	274		14.8	0.28	290		14.8	0.31	265	
16.4	0.20	304		16.4	0.26	280		16.4	0.28	278		16.4	0.30	292		16.4	0.26	267	
18.0	0.13	264		18.0	0.21	286		18.0	0.31	276		18.0	0.18	253		18.0	0.21	277	
19.7	0.13	316		19.7	0.06	249		19.7	0.05	300		19.7	0.07	327		19.7	0.08	180	
21.9 btm				21.5 btm				21.1 btm				21.1 btm				21.4 btm			

Table 52.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)—Continued

Distance from left bank (feet)																			
379				416				446				447				515			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	0.40	287		3.3	0.42	303		3.3	0.37	277		3.3	0.43	289		3.3	0.46	289	
4.9	0.31	275		4.9	0.36	307		4.9	0.37	286		4.9	0.49	293		4.9	0.39	298	
6.6	0.38	288		6.6	0.29	307		6.6	0.43	280		6.6	0.41	279		6.6	0.37	282	
8.2	0.42	288		8.2	0.37	301		8.2	0.41	289		8.2	0.49	285		8.2	0.43	288	
9.8	0.37	286		9.8	0.28	309		9.8	0.46	294		9.8	0.42	275		9.8	0.41	284	
11.5	0.35	266		11.5	0.32	297		11.5	0.43	286		11.5	0.47	280		11.5	0.35	283	
13.1	0.38	277		13.1	0.30	307		13.1	0.37	300		13.1	0.37	291		13.1	0.32	285	
14.8	0.33	280		14.8	0.30	302		14.8	0.39	284		14.8	0.41	281		14.8	0.33	289	
16.4	0.35	288		16.4	0.24	290		16.4	0.34	280		16.4	0.32	281		16.4	0.40	286	
18.0	0.29	285		18.0	0.22	279		18.0	0.36	263		18.0	0.35	274		18.0	0.36	273	
19.7	0.18	265		19.7	0.11	291		19.7	0.09	296		19.7	0.24	297		19.7	0.14	272	
21.3	0.03	32		22.2 btm				21.9 btm				21.3	0.14	313		21.8 btm			
22.0 btm												22.1 btm							

Table 52.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26
on February 26, 1992 (0918 pst)—Continued

Distance from left bank (feet)																			
546				579				610				642				675			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	0.37	278		3.3	0.37	283		3.3	0.43	292		3.3	0.27	295		3.3	0.47	288	
4.9	0.27	288		4.9	0.39	287		4.9	0.49	284		4.9	0.34	289		4.9	0.40	289	
6.6	0.33	279		6.6	0.44	279		6.6	0.47	279		6.6	0.30	288		6.6	0.42	286	
8.2	0.43	280		8.2	0.30	293		8.2	0.48	280		8.2	0.32	300		8.2	0.37	280	
9.8	0.32	284		9.8	0.27	271		9.8	0.38	289		9.8	0.30	291		9.8	0.36	280	
11.5	0.40	274		11.5	0.27	265		11.5	0.35	291		11.5	0.32	284		11.5	0.29	289	
13.1	0.37	269		13.1	0.29	260		13.1	0.37	283		13.1	0.26	278		13.1	0.28	289	
14.8	0.34	280		14.8	0.32	277		14.8	0.35	277		14.8	0.20	284		14.8	0.33	271	
16.4	0.28	275		16.4	0.33	280		16.4	0.23	281		16.4	0.15	301		16.4	0.36	259	
18.0	0.33	251		18.0	0.39	283		18.0	0.16	304		18.7	btm			18.0	0.08	209	
19.7	0.07	284		19.7	0.03	302		20.1	btm							20.2	btm		
21.5	btm			21.5	btm														

Table 52.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)—Continued

Distance from left bank (feet)																			
872				905				937				970				1,003			
Dpth	vel	Hdg		Dpth	vel	Hdg		Dpth	vel	Hdg		Dpth	vel	Hdg		Dpth	vel	Hdg	
3.3	0.45	286		3.3	0.24	241		3.3	0.41	271		3.3	0.40	293		3.3	0.46	267	
4.9	0.47	285		4.9	0.32	237		4.9	0.38	279		4.9	0.37	279		4.9	0.39	268	
6.6	0.46	281		6.6	0.32	240		6.6	0.45	281		6.6	0.40	286		6.6	0.29	265	
8.2	0.45	280		8.2	0.27	241		8.2	0.36	253		8.2	0.31	270		8.2	0.28	272	
9.8	0.41	256		9.8	0.34	219		9.8	0.39	259		9.8	0.27	263		9.8	0.36	282	
11.5	0.12	273		11.5	0.24	167		11.5	0.04	210		11.5	0.16	209		11.5	0.31	274	
12.4	btm			12.9	btm			13.1	btm			13.7	btm			13.1	0.14	246	
																15.2	btm		

Table 52.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on February 26, 1992 (0918 pst)—Continued

Distance from left bank (feet)														
1,035			1,059			1,093			1,125			1,157		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3.3	0.46	276	3.3	0.55	265	3.3	0.44	267	3.3	0.35	268	3.3	0.30	247
4.9	0.39	267	4.9	0.45	248	4.9	0.46	254	4.9	0.26	248	4.9	0.35	264
6.6	0.41	272	6.6	0.44	256	6.6	0.40	250	6.6	0.34	253	6.6	0.26	259
8.2	0.42	288	8.2	0.48	251	8.2	0.40	247	8.2	0.32	267	8.2	0.36	252
9.8	0.36	288	9.8	0.43	260	9.8	0.32	241	9.8	0.28	255	9.8	0.27	254
11.5	0.26	287	11.5	0.46	245	11.5	0.29	254	11.5	0.19	250	11.5	0.24	256
13.1	0.28	269	13.1	0.41	272	13.1	0.31	255	13.1	0.25	234	13.1	0.23	286
14.8	0.07	336	14.8	0.20	253	14.8	0.29	246	14.8	0.27	267	14.8	0.18	265
16.5 btm			16.4	0.19	168	16.4	0.27	232	16.4	0.19	253	16.4	0.24	265
			18.2 btm			18.0	0.15	197	18.0	0.23	251	18.0	0.22	276
						20.0 btm			19.7	0.13	196	19.7	0.21	218
									22.1 btm			23.5 btm		

Table 52.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26
on February 26, 1992 (0918 pst)—Continued

Distance from left bank (feet)											
1,187				1,214				1,243			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Vel	Hdg
3.3	0.16	287	3.3	0.05	341	3.3	0.07	14			
4.9	0.07	247	4.9	0.07	239	4.9	0.16	314			
6.6	0.09	202	6.6	0.02	233	6.6	0.08	180			
8.2	0.18	299	8.2	0.08	326	8.2	0.14	338			
9.8	0.19	256	9.8	0.11	295	9.8	0.12	273			
11.5	0.07	255	11.5	0.09	263	11.5	0.12	260			
13.1	0.09	240	13.1	0.11	259	13.1	0.07	226			
14.8	0.08	249	14.8	0.11	277	14.8	0.06	276			
16.4	0.08	255	16.4	0.10	264	16.4	0.05	255			
18.0	0.08	253	18.0	0.11	262	18.0	0.18	219			
19.7	0.12	353	19.7	0.13	250	19.7	0.06	186			
21.3	0.11	278	21.3	0.17	153	20.8	btm				
23.0	0.05	203	23.9	btm							
24.9	btm										

Table 53.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on March 18, 1992 (0831 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Left channel distance from left bank (feet)									
58				89				108	
								Island	
Dpth	Vel	Hdg	Dpth	Dpth	Vel	Hdg	Dpth	Vel	Hdg
2.9	1.1	268	2.9	4.3	277	2.9	2.0	276	0
3.7	1.2	273	3.7	4.1	275	3.7	0.88	269	-
4.5	0.52	262	4.5	3.6	272	4.5	0.81	272	
4.6 btm			5.3	2.5	271	5.3	0.43	318	
			6.1	0.44	274	5.6	btm		
			7.0	0.69	295				
			7.3	btm					

Table 53.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on March 18, 1992 (0855 pst)—
Continued

Right channel distance from left bank (feet)									
70		101		133		170		195	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
2.9	3.6	280	2.9	5.6	281	2.9	5.1	2.9	5.3
3.7	1.7	285	3.7	5.1	278	3.7	4.5	3.7	4.8
4.5	0.75	289	4.5	1.8	285	4.5	1.6	4.5	3.6
5.4	btm		5.3	1.6	265	5.3	0.71	5.3	0.75
			6.0	btm		6.0	btm	6.1	0.80
						5.5	btm	6.6	btm
									258
									294
									295
									286
									316
									258

Table 53.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 1.26 on March 18, 1992 (0855 pst)-
Continued

Right channel distance from left bank (feet)																			
227				260				287				317				321			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
2.9	5.1	290	2.9	4.3	290	2.9	4.1	282	2.9	0.73	330	2.9	1.2	261					
3.7	3.8	289	3.7	1.9	289	3.7	1.3	292	3.7	0.33	119	3.0	btm						
4.5	1.6	290	4.5	0.36	274	4.5	1.6	271	3.9	btm									
5.3	0.79	311	5.4	btm		5.2	btm												
5.9	btm																		

Table 54.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on February 26, 1992 (1159 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)																			
56				85				113				143				170			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
3.3	0.08	63	3.3	0.13	147	3.3	0.12	212	3.3	0.17	206	3.3	0.24	242					
4.9	0.06	33	4.9	0.11	143	4.9	0.16	211	4.9	0.18	211	4.9	0.28	235					
6.6	0.12	63	6.6	0.04	153	6.6	0.14	211	6.6	0.19	208	6.6	0.28	242					
11.3 btm			8.2	0.08	170	8.2	0.08	242	8.2	0.21	226	8.2	0.23	252					
			9.8	0.05	94	9.8	0.08	262	9.8	0.26	234	9.8	0.20	252					
			13.8 btm			11.5	0.05	165	11.5	0.28	219	11.5	0.22	240					
						15.3 btm			13.1	0.24	208	13.1	0.27	237					
									14.8	0.17	221	14.8	0.27	239					
									16.4	0.12	223	16.4	0.27	230					
									18.2 btm			18.0	0.11	246					
												19.7	0.14	225					
												21.3	0.12	175					
												25.8 btm							

Table 54.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on February 26, 1992 (1159 pst)—Continued

Distance from left bank (feet)																			
205				236				267				299				330			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	0.32	240		3.3	0.38	257		3.3	0.39	257		3.3	2.34	242		3.3	0.44	251	
4.9	0.30	243		4.9	0.29	260		4.9	2.34	256		4.9	0.38	250		4.9	0.46	245	
6.6	0.31	244		6.6	0.35	261		6.6	2.34	258		6.6	0.37	258		6.6	0.43	257	
8.2	0.31	231		8.2	0.35	245		8.2	0.37	260		8.2	0.43	266		8.2	0.45	249	
9.8	0.26	235		9.8	0.35	258		9.8	0.36	262		9.8	0.43	252		9.8	0.39	246	
11.5	0.34	236		11.5	0.37	260		11.5	0.39	253		11.5	0.44	256		11.5	0.39	255	
13.1	0.30	229		13.1	0.31	260		13.1	0.35	258		13.1	2.34	251		13.1	0.38	246	
14.8	0.34	233		14.8	0.32	267		14.8	0.37	254		14.8	0.38	252		14.8	0.39	246	
16.4	0.30	238		16.4	0.27	266		16.4	0.37	258		16.4	0.46	251		16.4	0.34	252	
18.0	0.25	243		18.0	0.32	271		18.0	0.31	262		18.0	0.42	248		18.0	0.34	244	
19.7	0.24	236		19.7	0.27	271		19.7	0.31	260		19.7	0.42	256		19.7	0.39	257	
21.3	0.08	233		21.3	0.31	270		21.3	0.36	250		21.3	0.48	248		21.3	0.31	240	
23.0	0.12	129		23.0	0.37	274		23.0	0.39	271		23.0	2.34	255		23.0	0.29	244	
24.6	0.07	143		24.6	0.31	259		24.6	0.25	282		24.6	2.34	253		24.6	0.35	236	
26.2	0.18	116		26.2	0.15	272		26.2	0.06	12		26.2	0.16	239		26.2	0.38	254	
27.9	0.02	303		27.9	0.10	193		27.9	0.06	12		27.9	0.11	268		27.9	0.14	215	
29.1 btm				29.4 btm				28.0 btm				29.6 btm				29.5	0.10	35	
																31.1 btm			

Table 54.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41
on February 26, 1992 (1159 pst)—Continued

Distance from left bank (feet)																			
522				557				591				620				656			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
3.3	0.38	251	3.3	0.42	252	3.3	0.50	255	3.3	0.48	252	3.3	0.53	264	3.3	0.53	264		
4.9	0.35	265	4.9	0.48	253	4.9	0.52	258	4.9	0.54	255	4.9	0.55	262	4.9	0.55	262		
6.6	0.32	263	6.6	0.47	255	6.6	0.49	264	6.6	0.61	249	6.6	0.47	267	6.6	0.47	267		
8.2	0.36	254	8.2	0.44	262	8.2	0.44	270	8.2	0.43	254	8.2	0.53	266	8.2	0.53	266		
9.8	0.33	260	9.8	0.40	266	9.8	0.56	264	9.8	0.58	254	9.8	0.54	274	9.8	0.54	274		
11.5	0.29	260	11.5	0.41	265	11.5	0.53	255	11.5	0.53	254	11.5	0.45	270	11.5	0.45	270		
13.1	0.34	259	13.1	0.36	260	13.1	0.50	261	13.1	0.52	254	13.1	0.45	276	13.1	0.45	276		
14.8	0.24	267	14.8	0.46	266	14.8	0.50	260	14.8	0.45	258	14.8	0.51	263	14.8	0.51	263		
16.4	0.30	271	16.4	0.39	272	16.4	0.46	261	16.4	0.36	269	16.4	0.44	263	16.4	0.44	263		
18.0	0.32	271	18.0	0.32	268	18.0	0.40	261	18.0	0.37	268	18.0	0.45	273	18.0	0.45	273		
19.7	0.23	279	19.7	0.29	281	19.7	0.38	281	19.7	0.33	274	19.7	0.43	270	19.7	0.43	270		
21.3	0.24	259	21.3	0.05	309	21.3	0.03	243	21.3	0.12	154	21.3	0.26	285	21.3	0.26	285		
23.0	0.10	293	23.9	btm		23.5	btm		23.7	btm		23.0	0.06	120	23.0	0.06	120		
25.6	btm											24.5	btm						

Table 54.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41
on February 26, 1992 (1159 pst)—Continued

Distance from left bank (feet)																			
686				723				753				785				816			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
3.3	0.59	274	3.3	0.58	268	3.3	0.55	273	3.3	0.48	281	3.3	0.48	281	3.3	0.49	272		
4.9	0.55	270	4.9	0.63	275	4.9	0.53	279	4.9	0.49	273	4.9	0.49	273	4.9	0.50	275		
6.6	0.60	275	6.6	0.53	272	6.6	0.55	278	6.6	0.49	282	6.6	0.49	282	6.6	0.53	276		
8.2	0.50	279	8.2	0.58	281	8.2	0.60	269	8.2	0.50	272	8.2	0.50	272	8.2	0.53	281		
9.8	0.56	279	9.8	0.55	281	9.8	0.54	274	9.8	0.64	282	9.8	0.64	282	9.8	0.54	283		
11.5	0.60	271	11.5	0.62	276	11.5	0.58	271	11.5	0.54	286	11.5	0.54	286	11.5	0.50	275		
13.1	0.58	272	13.1	0.65	278	13.1	0.58	275	13.1	0.52	282	13.1	0.52	282	13.1	0.52	274		
14.8	0.53	276	14.8	0.53	273	14.8	0.50	272	14.8	0.60	284	14.8	0.60	284	14.8	0.52	275		
16.4	0.42	290	16.4	0.49	274	16.4	0.60	272	16.4	0.59	281	16.4	0.59	281	16.4	0.48	285		
18.0	0.42	279	18.0	0.51	278	18.0	0.51	276	18.0	0.65	281	18.0	0.65	281	18.0	0.49	295		
19.7	0.49	283	19.7	0.51	282	19.7	0.46	278	19.7	0.59	283	19.7	0.59	283	19.7	0.49	298		
21.3	0.41	285	21.3	0.45	277	21.3	0.52	270	21.3	0.50	284	21.3	0.50	284	21.3	0.42	290		
23.0	0.34	306	23.0	0.38	301	23.0	0.48	278	23.0	0.46	283	23.0	0.46	283	23.0	0.35	301		
24.6	0.08	124	24.6	0.04	4	24.6	0.05	132	24.6	0.07	5	24.6	0.07	5	24.6	0.03	95		
25.8 btm			26.6 btm			26.7 btm			26.2	0.01	63	26.5 btm			27.0 btm				

Table 54.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41
on February 26, 1992 (1159 pst)—Continued

Distance from left bank (feet)																			
853				884				915				950				980			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	0.40	274		3.3	0.35	282		3.3	0.32	279		3.3	0.17	281		3.3	0.09	227	
4.9	0.44	272		4.9	0.30	288		4.9	0.27	290		4.9	0.20	268		4.9	0.09	270	
6.6	0.44	278		6.6	0.36	294		6.6	0.33	271		6.6	0.11	266		6.6	0.07	309	
8.2	0.41	284		8.2	0.37	299		8.2	0.28	264		8.2	0.14	289		8.2	0.16	315	
9.8	0.47	289		9.8	0.29	281		9.8	0.38	263		9.8	0.12	242		9.8	0.04	282	
11.5	0.48	286		11.5	0.38	285		11.5	0.33	275		11.5	0.08	244		11.5	0.14	270	
13.1	0.45	286		13.1	0.33	272		13.1	0.35	270		13.1	0.14	292		13.1	0.10	198	
14.8	0.48	277		14.8	0.39	291		14.8	0.40	278		14.8	0.11	225		14.8	0.12	172	
16.4	0.48	283		16.4	0.37	287		16.4	0.29	251		16.4	0.07	264		16.4	0.04	184	
18.0	0.50	282		18.0	0.36	297		18.0	0.36	267		18.0	0.12	219		18.0	0.09	175	
19.7	0.50	285		19.7	0.34	296		19.7	0.36	271		19.7	0.15	225		19.7	0.13	239	
21.3	0.34	280		21.3	0.38	294		21.3	0.30	273		21.3	0.13	219		21.3	0.09	236	
23.0	0.30	303		23.0	0.34	286		23.0	0.30	264		23.0	0.16	244		23.0	0.05	227	
24.6	0.18	295		24.6	0.43	304		24.6	0.09	245		24.6	0.17	249		24.6	0.11	116	
26.2	0.12	165		26.2	0.03	29		26.2	0.04	333		26.2	0.02	153		26.2	0.06	105	
27.0	btm			28.1	btm			27.9	btm			27.7	btm			27.3	btm		

Table 54.--Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41
on February 26, 1992 (1159 pst)--Continued

Distance from left bank (feet)									
1,014									
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
3.3	0.12	154							
4.9	0.03	77							
6.6	0.09	349							
8.2	0.07	41							
9.8	0.10	356							
11.5	0.03	352							
13.1	0.08	83							
14.8	0.08	51							
16.4	0.07	343							
18.0	0.06	353							
19.7	0.03	126							
21.3	0.10	30							
25.7	btm								

Table 55.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 06, 1992 (1015 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)												
93			122			149			177			207
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
3.3	0.31	287	3.3	0.37	257	3.3	0.65	259	3.3	0.72	250	
4.9	0.10	297	4.9	0.24	250	4.9	0.63	253	4.9	0.71	255	
6.3 btm			6.6	0.24	267	6.6	0.58	258	6.6	0.65	253	
			10.7 btm			8.2	0.58	257	8.2	0.67	254	
						9.8	0.62	264	9.8	0.62	258	
						11.5	0.56	264	11.5	0.67	256	
						13.1	0.53	262	13.1	0.40	260	
						14.8	0.26	257	14.8	0.15	25	
						16.9 btm			16.3 btm			
									15.6 btm			

Table 55.-Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 06, 1992 (1015 pst)-
Continued

Distance from left bank (feet)																			
725				759				789				826				858			

Table 55.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 06, 1992 (1015 pst)—
Continued

Distance from left bank (feet)											
889				922				954			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3.3	1.0	267	3.3	1.1	272	3.3	0.87	277			
4.9	1.0	270	4.9	1.0	270	4.9	0.81	274			
6.6	0.84	272	6.6	1.0	273	6.6	0.75	277			
8.2	0.92	267	8.2	0.86	276	8.2	0.76	278			
9.8	0.86	264	9.8	0.77	267	9.8	0.65	276			
11.5	0.87	264	11.5	0.85	270	11.5	0.56	264			
13.1	0.08	214	13.1	0.04	161	13.1	0.04	127			
15.0 btm			14.9 btm			14.6 btm					

Table 56.—Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 18, 1992 (1051 pst)—
Continued

Distance from left bank (feet)														
209			239			268			298			331		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth		
2.9	4.5	237	2.9	4.7	222	2.9	3.4	236	2.9	3.6	223	2.9	4.4	230
3.7	4.4	239	3.7	4.6	221	3.7	3.3	232	3.7	3.4	222	3.7	4.3	229
4.5	4.2	238	4.5	4.3	223	4.5	3.4	236	4.5	2.9	223	4.5	4.2	231
5.3	4.3	236	5.3	3.5	223	5.3	3.4	239	5.3	2.6	226	5.3	3.8	229
6.1	3.5	240	6.1	2.3	229	6.1	2.4	234	6.1	0.83	290	6.1	3.2	227
7.0	1.9	245	7.0	1.5	217	7.0	1.1	231	7.0	0.53	301	7.0	2.1	234
7.8	1.3	248	7.9	btm		8.2	btm		7.8	btm		7.8	1.5	224
8.4	btm								8.8	btm				

Table 56.--Velocity profiles for Lower Granite Reservoir at Clearwater River mile 0.41 on March 18, 1992 (1051 pst)--
Continued

Distance from left bank (feet)																			
368				397				431				459				482			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
2.9	4.3	221		2.9	3.0	225		2.9	1.1	239		2.9	0.72	221		2.9	1.8	227	
3.7	4.0	223		3.7	1.8	231		3.7	0.80	226		3.7	0.60	221		3.7	1.6	232	
4.5	3.8	222		4.5	0.97	250		4.6	btm			4.5	0.51	217		4.5	1.5	228	
5.3	2.9	223		5.3	0.81	283						5.3	0.44	225		5.3	1.3	224	
6.1	2.1	216		5.8	btm			6.1	0.37	199		6.1	0.37	199		6.1	0.98	236	
7.0	1.7	202						7.0	0.48	224		7.0	0.48	224		7.0	1.0	222	
8.3	btm							7.8	0.59	220		7.8	0.59	220		7.8	0.95	226	
								8.6	0.51	212		8.6	0.51	212		8.6	0.46	225	
								9.4	0.46	218		9.4	0.46	218		9.6	btm		
								10.2	0.53	203		10.2	0.53	203					
								11.8	btm			11.8	btm						

Table 57.--Velocity profiles for Lower Granite Reservoir at Snake River mile 148.09 on March 19, 1992 (0550 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)																													
53						84						122						154						189					
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg									
2.9	1.9	337	2.9	3.7	320	2.9	4.4	325	2.9	4.5	326	2.9	4.5	326	2.9	5.3	326	2.9	5.3	326									
3.7	0.82	339	3.7	3.6	326	3.7	4.4	327	3.7	4.5	326	3.7	4.5	326	3.7	5.0	324	3.7	5.0	324									
4.5	0.32	326	4.5	3.3	329	4.5	4.2	325	4.5	4.4	327	4.5	4.4	327	4.5	4.8	323	4.5	4.8	323									
5.4 btm			5.3	2.9	333	5.3	4.1	324	5.3	4.4	326	5.3	4.4	326	5.3	4.7	323	5.3	4.7	323									
			6.1	2.2	341	6.1	3.8	327	6.1	4.2	327	6.1	4.2	327	6.1	4.8	323	6.1	4.8	323									
			7.0	0.83	336	7.0	3.4	326	7.0	4.1	323	7.0	4.1	323	7.0	4.3	324	7.0	4.3	324									
			8.2 btm			7.8	2.5	330	7.8	3.5	322	7.8	3.5	322	7.8	4.3	325	7.8	4.3	325									
						8.6	0.64	319	8.6	2.6	314	8.6	2.6	314	8.6	3.8	328	8.6	3.8	328									
						10.2 btm			9.4	0.79	285	9.4	0.79	285	9.4	3.5	327	9.4	3.5	327									
									10.2	0.14	119	10.2	0.14	119	10.2	2.1	331	10.2	2.1	331									
									11.1	btm		11.1	btm		11.1	1.2	323	11.1	1.2	323									
												12.3 btm						12.3 btm											

Table 57.--Velocity profiles for Lower Granite Reservoir at Snake River mile 148.09 on March 19, 1992 (0550 pst)--
Continued

Distance from left bank (feet)																			
378				413				445				471				503			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
2.9	6.2	314	2.9	6.0	315	2.9	5.5	311	2.9	5.3	312	2.9	5.0	312	2.9	5.0	312		
3.7	5.7	312	3.7	5.8	313	3.7	5.3	310	3.7	5.2	310	3.7	4.9	311	3.7	4.9	311		
4.5	5.7	314	4.5	5.5	313	4.5	5.2	308	4.5	5.1	310	4.5	4.8	310	4.5	4.8	310		
5.3	5.4	314	5.3	5.0	314	5.3	5.1	307	5.3	4.9	312	5.3	4.3	312	5.3	4.3	312		
6.1	5.2	315	6.1	4.6	317	6.1	4.4	310	6.1	5.1	315	6.1	4.2	313	6.1	4.2	313		
7.0	5.0	314	7.0	3.7	310	7.0	3.8	280	7.0	1.7	277	7.0	2.0	277	7.0	2.0	277		
7.8	4.0	306	7.8	0.41	0	7.8	1.9	276	7.8	1.3	307	7.8	2.0	270	7.8	2.0	270		
8.6	2.4	312	8.6	1.7	11	8.6	btm		8.6	btm		8.6	btm		8.6	btm			
9.4	1.7	297	9.2	btm															
10.2	btm																		

Table 58.—Velocity profiles for Lower Granite Reservoir at Snake River mile 145.00 on March 19, 1992 (0621 pst) — Continued

Distance from left bank (feet)																			
399				435				467				501				529			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
2.9	4.8	283		2.9	4.9	290		2.9	5.0	290		2.9	4.6	292		2.9	4.9	292	
3.7	4.9	283		3.7	4.8	289		3.7	4.9	288		3.7	4.6	292		3.7	4.8	295	
4.5	4.9	284		4.5	4.8	289		4.5	4.7	289		4.5	4.3	293		4.5	4.7	295	
5.3	4.6	286		5.3	4.8	288		5.3	4.6	290		5.3	4.1	291		5.3	4.5	296	
6.1	4.4	287		6.1	4.5	287		6.1	4.4	290		6.1	4.2	293		6.1	4.4	296	
7.0	4.4	286		7.0	4.4	286		7.0	4.3	290		7.0	3.9	294		7.0	4.1	297	
7.8	4.0	287		7.8	4.3	287		7.8	4.1	290		7.8	4.0	291		7.8	3.6	291	
8.6	3.8	286		8.6	4.0	283		8.6	3.6	289		8.6	4.0	292		8.6	1.9	262	
9.4	3.8	288		9.4	3.8	277		9.4	2.7	284		9.4	1.1	275		9.4	1.0	256	
10.2	3.4	281		10.2	2.0	272		10.2	0.02	206		10.2	0.50	285		10.1	btm		
11.1	1.3	252		11.1	0.11	268		11.6	btm			11.1	btm						
11.9	1.1	255		12.0	btm														
12.6	btm																		

Table 58.—Velocity profiles for Lower Granite Reservoir at Snake River mile 145.00 on March 19, 1992 (0621 pst)—
Continued

Distance from left bank (feet)														
236			267			302			333			366		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
2.9	4.2	282	2.9	4.4	285	2.9	4.9	282	2.9	4.8	284	2.9	4.7	288
3.7	4.1	282	3.7	4.3	286	3.7	4.9	282	3.7	4.9	284	3.7	4.6	289
4.5	4.0	283	4.5	4.2	285	4.5	4.7	283	4.5	4.6	283	4.5	4.4	288
5.3	4.0	283	5.3	4.0	283	5.3	4.6	283	5.3	4.4	285	5.3	4.3	289
6.1	4.0	284	6.1	3.9	284	6.1	4.5	280	6.1	4.1	284	6.1	4.2	285
7.0	3.8	284	7.0	3.8	286	7.0	4.4	280	7.0	4.1	281	7.0	3.9	286
7.8	3.6	283	7.8	3.7	290	7.8	4.2	280	7.8	4.1	282	7.8	4.1	283
8.6	3.3	284	8.6	3.5	287	8.6	3.8	279	8.6	3.8	284	8.6	3.8	284
9.4	2.9	283	9.4	3.3	282	9.4	3.4	282	9.4	3.6	282	9.4	3.6	281
10.2	2.0	277	10.2	2.9	283	10.2	2.5	270	10.2	2.9	284	10.2	3.1	284
11.1	0.70	303	11.1	2.6	277	11.1	0.18	178	11.1	1.1	270	11.1	2.0	282
11.9	0.32	281	11.9	0.15	267	12.5	btm		11.9	0.34	222	11.9	0.89	262
12.6	btm		12.7	0.29	174	13.3	btm		12.6	btm		12.9	btm	

Table 58.—Velocity profiles for Lower Granite Reservoir at Snake River mile 145.00 on March 19, 1992 (0621 pst)—
Continued

Distance from left bank (feet)															
724				755				784				793			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
2.9	2.1	309	2.9	1.6	300	2.9	1.3	285	2.9	0.49	342				
3.7	1.7	318	3.7	1.6	303	3.7	1.1	299	3.7	btm					
4.5	0.04	162	4.5	1.4	300	4.5	0.70	296							
5.7	btm		5.3	1.1	298	5.3	0.46	296							
			6.1	0.30	39	5.9	btm								
			7.2	btm											

Table 59.—Velocity profiles for Lower Granite Reservoir at Snake River mile 142.00 on March 19, 1992 (0709 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from right bank (feet)																			
51				84				120				152				185			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
2.9	2.8	278	2.9	3.4	270	2.9	4.0	272	2.9	4.8	274	2.9	4.0	276	2.9	4.0	276		
3.7	2.8	279	3.7	3.3	270	3.7	4.0	272	3.7	4.4	275	3.7	4.1	276	3.7	4.1	276		
4.5	2.7	278	4.5	3.3	267	4.5	3.9	272	4.5	4.5	275	4.5	4.0	278	4.5	4.0	278		
5.3	2.6	278	5.3	3.3	271	5.3	3.8	274	5.3	4.4	275	5.3	3.8	279	5.3	3.8	279		
6.1	2.5	277	6.1	3.1	270	6.1	3.8	274	6.1	4.1	282	6.1	3.7	280	6.1	3.7	280		
7.0	2.2	278	7.0	3.1	269	7.0	3.8	273	7.0	4.2	281	7.0	3.7	277	7.0	3.7	277		
7.8	1.7	280	7.8	2.9	273	7.8	3.8	271	7.8	4.2	281	7.8	3.5	278	7.8	3.5	278		
8.6	1.2	260	8.6	2.7	275	8.6	3.6	274	8.6	4.0	281	8.6	3.4	277	8.6	3.4	277		
11.6	btm		9.4	2.8	269	9.4	3.6	274	9.4	3.6	281	9.4	3.3	278	9.4	3.3	278		
			10.2	2.6	267	10.2	3.3	272	10.2	3.2	281	10.2	2.9	277	10.2	2.9	277		
			11.1	2.5	266	11.1	2.8	275	11.1	2.8	281	11.1	2.9	278	11.1	2.9	278		
			11.9	2.3	261	11.9	2.3	272	11.9	2.6	281	11.9	2.6	281	11.9	2.6	281		
			12.7	2.4	259	12.7	2.0	250	12.7	1.9	301	12.7	1.5	284	12.7	1.5	284		
			13.5	1.6	273	13.5	0.65	259	13.5	0.65	274	13.5	0.78	277	13.5	0.78	277		
			14.3	0.51	249	14.3	0.41	358	14.3	0.10	248	14.3	0.35	250	14.3	0.35	250		
			16.1	btm		15.2	btm		15.2	btm		14.8	btm		14.8	btm			

Table 59.—Velocity profiles for Lower Granite Reservoir at Snake River mile 142.00 on March 19, 1992 (0709 pst)—
Continued

Distance from right bank (feet)											
380				409				447			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
2.9	4.9	275	2.9	4.5	268	2.9	4.1	2.9	3.5	273	2.9
3.7	4.7	277	3.7	4.6	271	3.7	4.3	3.7	3.3	275	3.7
4.5	4.8	276	4.5	4.6	271	4.5	4.1	4.5	3.3	274	4.5
5.3	4.4	276	5.3	4.1	272	5.3	3.9	5.3	2.8	276	5.3
6.1	4.1	276	6.1	4.1	271	6.1	3.8	6.1	2.6	279	6.1
7.0	4.1	275	7.0	4.2	272	7.0	3.5	7.0	2.8	281	7.0
7.8	4.0	272	7.8	4.2	277	7.8	3.2	7.8	1.5	277	7.8
8.6	3.7	275	8.6	4.0	277	8.6	2.8	8.6	1.0	302	8.3 btm
9.4	3.1	273	9.4	3.5	270	9.4	2.5	9.4	0.75	276	
10.2	3.2	277	10.2	3.3	269	10.2	0.91	9.8	btm		
11.1	1.7	291	11.1	0.56	285	11.1	0.49	11.8			
11.9	1.0	286	12.6	btm		11.8	btm				
12.7	0.97	236									
13.4	btm										

Table 59.—Velocity profiles for Lower Granite Reservoir at Snake River mile 142.00 on March 19, 1992 (0709 pst)—
Continued

Distance from right bank (feet)									
542					564				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Hdg
2.9	2.6	273	2.9	2.5	258				
3.7	2.5	273	3.7	2.3	262				
4.5	2.5	272	4.5	1.2	265				
5.3	1.8	270	5.3	0.44	202				
6.1	0.18	292	6.3	btm					
7.5	btm								

Table 60.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)																					
50					77					110					141					172	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg				
3.3	0.10	13	3.3	0.47	338	3.3	0.60	316	3.3	0.77	326	3.3	0.85	324							
4.9	0.02	59	4.9	0.39	330	4.9	0.50	320	4.9	0.71	330	4.9	0.89	331							
7.5 btm			6.6	0.30	320	6.6	0.60	325	6.6	0.70	337	6.6	0.87	331							
			8.2	0.24	334	8.2	0.59	316	8.2	0.64	336	8.2	0.80	329							
			9.8	0.31	24	9.8	0.62	324	9.8	0.60	332	9.8	0.79	328							
			11.8 btm			11.5	0.48	324	11.5	0.59	338	11.5	0.86	325							
						13.1	0.54	357	13.1	0.55	332	13.1	0.80	324							
						14.8	0.64	39	14.8	0.56	331	14.8	0.70	325							
						16.4 btm			16.4	0.57	331	16.4	0.64	327							
									18.0	0.39	3	18.0	0.62	334							
									20.7 btm			19.7	0.38	329							
												21.3	0.17	325							
												23.1 btm									

Table 60.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)—
Continued

Distance from left bank (feet)																			
205				239				274				302				336			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	3.3	323		3.3	0.96	320		3.3	0.93	322		3.3	1.1	327		3.3	1.1	319	
4.9	0.98	325		4.9	0.95	327		4.9	0.97	323		4.9	1.0	324		4.9	1.1	324	
6.6	1.0	326		6.6	1.0	323		6.6	0.97	325		6.6	1.1	325		6.6	1.2	318	
8.2	1.1	331		8.2	0.91	325		8.2	1.1	330		8.2	1.0	328		8.2	1.2	320	
9.8	0.95	332		9.8	1.0	325		9.8	1.0	326		9.8	1.0	327		9.8	1.2	319	
11.5	0.90	327		11.5	0.89	322		11.5	0.94	334		11.5	1.0	327		11.5	1.1	322	
13.1	0.91	329		13.1	0.87	328		13.1	1.1	335		13.1	1.0	327		13.1	1.1	325	
14.8	0.90	329		14.8	0.93	332		14.8	0.92	331		14.8	0.95	329		14.8	1.1	322	
16.4	0.83	326		16.4	0.86	332		16.4	0.87	326		16.4	0.90	331		16.4	0.95	325	
18.0	0.86	325		18.0	0.78	328		18.0	0.84	325		18.0	0.90	330		18.0	0.91	324	
19.7	0.85	325		19.7	0.81	330		19.7	0.89	334		19.7	0.78	327		19.7	0.88	323	
21.3	0.57	338		21.3	0.71	323		21.3	0.81	329		21.3	0.89	333		21.3	0.93	326	
23.0	0.48	324		23.0	0.65	323		23.0	0.81	322		23.0	0.81	325		23.0	0.93	326	
24.6	0.19	6		24.6	0.54	327		24.6	0.76	328		24.6	0.71	327		24.6	0.81	335	
26.3	btm			26.2	0.21	34		26.2	0.58	333		26.2	0.54	316		26.2	0.22	327	
				27.9	0.16	284		27.9	0.05	140		27.9	0.12	54		27.9	0.09	263	
				28.5	btm			29.1	btm			29.1	btm			28.6	btm		

Table 60.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)-
Continued

Distance from left bank (feet)											
369				401				435			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
3.3	1.1	322	3.3	0.83	316	3.3	0.78	316	3.3	0.92	316
4.9	1.2	322	4.9	0.84	328	4.9	0.64	322	4.9	0.88	316
6.6	1.2	321	6.6	0.84	323	6.6	0.74	324	6.6	6.6	312
8.2	1.1	324	8.2	0.76	319	8.2	0.76	318	8.2	0.96	321
9.8	1.1	327	9.8	0.78	325	9.8	0.73	320	9.8	1.0	325
11.5	1.0	328	11.5	0.71	327	11.5	0.81	325	11.5	0.88	324
13.1	0.97	325	13.1	0.72	323	13.1	0.71	320	13.1	0.85	321
14.8	0.94	323	14.8	0.72	320	14.8	0.61	321	14.8	0.91	316
16.4	1.0	327	16.4	0.77	320	16.4	0.64	315	16.4	0.83	312
18.0	0.91	322	18.0	0.71	315	18.0	0.62	317	18.0	0.86	313
19.7	0.91	318	19.7	0.70	311	19.7	0.67	316	19.7	0.76	312
21.3	0.89	321	21.3	0.79	311	21.3	0.77	318	21.3	0.60	333
23.0	0.81	324	23.0	0.69	318	23.0	0.55	322	23.0	0.06	13
24.6	0.69	324	24.6	0.59	335	24.6	0.19	329	24.6	btm	
26.2	0.13	50	26.2	0.10	48	26.6	btm		24.6	btm	
27.9	0.12	302	28.0	btm		26.6	btm		24.9	btm	
28.1	btm										

Table 60.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)—
Continued

Distance from left bank (feet)																			
696				728				762				796				830			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	3.3	316		3.3	1.2	318		3.3	1.3	320		3.3	1.1	321		3.3	0.93	320	
4.9	1.1	329		4.9	1.3	326		4.9	1.2	320		4.9	1.1	319		4.9	0.98	322	
6.6	1.0	323		6.6	1.2	323		6.6	1.2	324		6.6	1.0	321		6.6	1.2	331	
8.2	1.0	319		8.2	1.2	326		8.2	1.0	320		8.2	1.0	318		8.2	1.0	324	
9.8	0.94	321		9.8	1.2	322		9.8	1.2	320		9.8	1.1	320		9.8	0.89	324	
11.5	0.99	319		11.5	1.1	326		11.5	1.3	322		11.5	0.99	325		11.5	0.88	328	
13.1	0.94	324		13.1	1.2	319		13.1	1.2	323		13.1	0.93	327		13.1	0.83	326	
14.8	0.95	317		14.8	1.1	321		14.8	1.1	321		14.8	0.91	330		14.8	0.70	328	
16.4	0.97	323		16.4	0.96	319		16.4	1.2	322		16.4	0.79	324		16.4	0.82	325	
18.0	0.93	314		18.0	1.1	319		18.0	1.0	325		18.0	0.75	321		18.0	0.72	320	
19.7	0.84	314		19.7	1.0	319		19.7	1.1	322		19.7	0.63	318		19.7	0.66	319	
21.3	0.55	296		21.3	0.77	320		21.3	0.91	325		21.3	0.16	316		21.3	0.17	11	
23.0	0.20	302		23.0	0.33	310		23.0	0.18	296		23.0	0.03	203		23.0	0.09	192	
24.5 btm				24.8 btm				24.5 btm				24.1 btm				24.0 btm			

Table 60.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)—
Continued

Distance from left bank (feet)											
1,022				1,055				1,089			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
3.3	0.95	321	3.3	0.82	311	3.3	0.69	326	0.93	321	3.3
4.9	0.82	327	4.9	0.69	320	4.9	0.70	331	0.88	314	4.9
6.6	0.87	335	6.6	0.81	327	6.6	0.68	334	0.90	321	6.6
8.2	0.95	329	8.2	0.73	322	8.2	0.75	326	0.84	318	8.2
9.8	0.86	326	9.8	0.85	331	9.8	0.78	327	0.86	319	9.8
11.5	0.90	331	11.5	0.85	323	11.5	0.75	322	0.88	326	11.5
13.1	0.78	329	13.1	0.79	320	13.1	0.75	321	0.90	326	13.1
14.8	0.98	335	14.8	0.75	324	14.8	0.82	323	0.95	319	14.8
16.4	0.95	335	16.4	0.65	329	16.4	0.76	330	0.81	321	16.4
18.0	0.83	327	18.0	0.79	329	18.0	0.75	323	0.95	315	18.0
19.7	0.91	323	19.7	0.73	320	19.7	0.75	324	0.78	324	19.7
21.3	0.91	331	21.3	0.26	311	21.3	0.41	325	0.86	322	21.3
23.0	0.02	291	23.4	btm		23.0	0.15	302	0.79	321	23.0
24.1	btm					24.6	btm		0.54	316	24.6
						26.2			0.25	256	26.2
						27.5	btm				27.9
											28.3
											btm
											0.14
											259

Table 60.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)—
Continued

Distance from left bank (feet)														
1,186			1,217			1,259			1,290			1,319		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3.3	0.71	323	3.3	0.68	324	3.3	0.40	315	3.3	0.38	343	3.3	0.09	294
4.9	0.76	329	4.9	0.72	318	4.9	0.50	326	4.9	0.29	355	4.9	0.13	299
6.6	0.64	330	6.6	0.72	325	6.6	0.38	316	6.6	0.31	314	6.6	0.12	358
8.2	0.75	322	8.2	0.69	324	8.2	0.36	335	8.2	0.31	340	8.2	0.18	312
9.8	0.72	327	9.8	0.72	326	9.8	0.35	343	9.8	0.28	340	9.8	0.04	52
11.5	0.77	336	11.5	0.64	330	11.5	0.49	333	11.5	0.28	350	11.5	0.12	342
13.1	0.73	329	13.1	0.57	330	13.1	0.47	330	13.1	0.24	338	13.1	0.07	264
14.8	0.70	323	14.8	0.63	319	14.8	0.36	325	14.8	0.29	1	14.8	0.18	310
16.4	0.79	321	16.4	0.61	315	16.4	0.45	336	16.4	0.20	10	16.4	0.11	258
18.0	0.71	323	18.0	0.63	309	18.0	0.40	330	18.0	0.14	20	18.0	0.09	229
19.7	0.60	315	19.7	0.67	317	19.7	0.33	325	19.7	0.16	351	19.7	0.13	239
21.3	0.64	321	21.3	0.56	315	21.3	0.42	325	21.3	0.13	15	21.3	0.11	250
23.0	0.63	325	23.0	0.49	325	23.0	0.32	311	23.0	0.15	35	23.8	btm	
24.6	0.65	332	24.6	0.51	312	24.6	0.11	299	25.4	btm				
26.2	0.20	307	26.2	0.09	274	26.9	btm							
28.3	btm		27.9	btm										

Table 60.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on February 25, 1992 (1107 pst)—
Continued

Distance from left bank (feet)									
1,350					1,386				
					1,399				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Vel	Hdg	Dpth
3.3	0.10	340	3.3	0.05	113	3.3	0.20	169	
4.9	0.14	319	4.9	0.10	74	4.9	0.09	162	
6.6	0.09	278	6.6	0.12	117	6.6	0.01	153	
8.2	0.10	319	8.2	0.14	135	8.3	btm		
9.8	0.09	278	9.8	0.17	176				
11.5	0.02	164	13.7	btm					
13.1	0.07	337							
14.8	0.09	251							
16.4	0.07	63							
20.7	btm								

Table 61.--Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)												
61			93			129			157			184
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
3.3	0.29	255	3.3	1.4	336	3.3	2.4	355	3.3	2.2	3.3	347
4.9	0.21	251	4.9	1.3	332	4.9	2.3	356	4.9	2.2	4.9	345
6.6	0.07	226	6.6	1.3	325	6.6	2.2	353	6.6	2.1	6.6	347
8.3 btm			8.2	0.86	324	8.2	2.0	352	8.2	2.2	8.2	345
			9.8	0.34	350	9.8	1.8	353	9.8	2.0	9.8	345
			11.7 btm			11.5	1.3	354	11.5	1.8	11.5	344
						13.1	0.25	3	13.1	1.3	13.1	343
						14.9 btm			14.8	0.25	14.8	326
									16.7 btm		16.9 btm	

Table 61.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)—
Continued

Distance from left bank (feet)																			
221				249				283				315				349			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg				
3.3	2.4	348	3.3	2.5	347	3.3	1.8	3.3	1.4	323	3.3	1.7	3.3	1.7	338				
4.9	2.3	349	4.9	2.4	343	4.9	2.0	4.9	1.5	330	4.9	1.7	4.9	1.7	333				
6.6	2.2	348	6.6	2.4	341	6.6	2.0	6.6	1.5	327	6.6	1.6	6.6	1.6	335				
8.2	2.2	344	8.2	2.4	340	8.2	2.1	8.2	1.4	327	8.2	1.6	8.2	1.6	335				
9.8	2.0	343	9.8	2.4	341	9.8	2.2	9.8	1.5	326	9.8	1.5	9.8	1.5	334				
11.5	2.0	341	11.5	2.3	336	11.5	2.2	11.5	1.4	333	11.5	1.3	11.5	1.3	332				
13.1	1.7	342	13.1	2.2	334	13.1	1.9	13.1	0.85	338	13.1	0.61	13.1	0.61	348				
14.8	0.84	347	14.8	0.37	327	14.8	0.14	14.8	0.18	146	14.8	0.61	14.8	0.61	348				
16.4	0.17	160	16.8	btm		16.4	btm	16.4	btm		15.9	btm	15.4	btm					
17.3	btm																		

Table 61.-Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)-
Continued

Distance from left bank (feet)																			
377				418				451				485				508			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
3.3	1.7	6	3.3	1.9	10	3.3	2.0	18	3.3	2.0	17	3.3	2.1	4					
4.9	1.5	2	4.9	1.8	12	4.9	1.8	12	4.9	2.0	11	4.9	2.2	2					
6.6	1.5	355	6.6	1.6	10	6.6	1.7	10	6.6	2.2	2	6.6	2.1	2					
8.2	1.4	345	8.2	1.4	358	8.2	1.5	358	8.2	1.9	353	8.2	2.2	357					
9.8	1.3	337	9.8	0.68	349	9.8	1.6	351	9.8	1.4	349	9.8	0.96	352					
11.5	0.46	353	11.5	0.01	26	11.5	0.44	343	11.5	0.14	344	11.5	0.06	30					
13.6 btm			12.5 btm			13.4 btm			13.1 btm			12.4 btm							

Table 61.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)—
Continued

Distance from left bank (feet)																			
541				583				613				643				674			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
3.3	2.1	350	3.3	2.0	345	3.3	2.0	345	3.3	1.9	345	3.3	1.9	345	3.3	1.9	350		
4.9	2.0	351	4.9	1.9	348	4.9	1.7	346	4.9	1.7	348	4.9	1.7	348	4.9	1.9	346		
6.6	1.9	350	6.6	2.0	348	6.6	1.5	341	6.6	1.7	352	6.6	1.7	352	6.6	1.9	345		
8.2	1.8	345	8.2	1.6	346	8.2	1.3	335	8.2	1.5	352	8.2	1.5	352	8.2	1.7	344		
9.8	0.16	316	9.8	0.37	351	9.8	1.0	345	9.8	1.4	349	9.8	1.4	349	9.8	1.2	338		
11.9	btm		11.5	0.29	241	11.5	0.08	39	11.5	0.23	342	11.5	0.19	61	11.5	0.19	61		
			12.0	btm		13.6	btm		13.7	btm		13.5	btm		13.5	btm			

Table 61.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst) — Continued

Distance from left bank (feet)																			
873				902				942				972				1,002			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	1.8	343		3.3	1.9	345		3.3	1.8	344		3.3	1.7	345		3.3	1.5	351	
4.9	1.8	343		4.9	1.8	347		4.9	1.7	342		4.9	1.7	347		4.9	1.4	352	
6.6	1.6	345		6.6	1.8	346		6.6	1.6	340		6.6	1.6	347		6.6	1.4	353	
8.2	1.5	342		8.2	1.6	344		8.2	1.6	344		8.2	1.5	347		8.2	1.3	352	
9.8	1.1	340		9.8	0.78	340		9.8	0.36	1		9.8	0.49	8		9.8	0.34	9	
11.5	0.12	168		11.5	0.07	53		11.5	0.08	21		11.5	0.13	67		12.1	btm		
12.7	btm			12.5	btm			12.2	btm			12.3	btm						

Table 61.--Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)--
Continued

Distance from left bank (feet)																													
1,041						1,070						1,100						1,138						1,167					
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg						
3.3	1.1	351	3.3	1.2	345	3.3	1.5	347	3.3	1.5	346	3.3	1.5	346	3.3	1.7	344												
4.9	1.1	347	4.9	1.2	340	4.9	1.5	350	4.9	1.5	348	4.9	1.5	348	4.9	1.7	343												
6.6	1.0	351	6.6	1.1	341	6.6	1.6	346	6.6	1.4	346	6.6	1.4	346	6.6	1.6	342												
8.2	1.1	348	8.2	1.1	344	8.2	1.6	348	8.2	1.4	343	8.2	1.4	343	8.2	1.6	340												
9.8	1.1	354	9.8	1.2	341	9.8	1.6	348	9.8	1.4	342	9.8	1.4	342	9.8	1.5	343												
11.5	0.69	343	11.5	1.1	339	11.5	1.5	344	11.5	1.3	340	11.5	1.3	340	11.5	1.5	339												
13.1	0.23	22	13.1	0.86	330	13.1	1.4	343	13.1	0.94	333	13.1	0.94	333	13.1	0.65	343												
14.8	0.14	338	14.8	0.06	242	14.8	0.11	351	14.8	0.09	107	14.8	0.09	107	14.8	0.10	65												
15.0	btm		16.3	btm		16.7	btm		16.4	btm		15.6	btm																

Table 61.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 05, 1992 (1041 pst)—
Continued

Distance from left bank (feet)									
1,195					1,226				
Dpth	Vel	Hdg	Dpth	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
3.3	1.5	337	3.3	1.2	332				
4.9	1.4	340	4.9	1.2	330				
6.6	1.4	339	6.6	1.1	332				
8.2	1.5	340	8.2	1.0	330				
9.8	1.2	340	9.8	0.82	328				
11.5	1.0	345	11.5	0.17	340				
13.1	0.15	54	13.2	btm					
14.8	btm								

Table 62.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 17, 1992, left channel, (1100 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Left channel distance from left bank (feet)														
38			61			94			130			149		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3.3	2.7	128	3.3	3.9	359	3.3	8.9	329	3.3	10.9	328	3.3	9.0	325
3.9	btm		4.9	2.1	357	4.9	7.1	329	4.9	9.1	327	4.9	7.8	322
			6.6	0.61	329	6.6	7.8	343	6.6	8.1	332	6.6	8.1	328
			7.1	btm		8.6	btm		8.2	6.7	331	8.2	9.4	324
									9.8	7.1	332	9.8	9.7	321
									12.1	btm		11.5	9.9	313
												14.6	btm	

Table 62.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 17, 1992, left channel (1100 pst)—Continued

Left channel distance from left bank (feet)																			
188				219				247				271				281			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	12.6	330		3.3	12.3	325		3.3	11.2	321		3.3	4.6	315		3.3	0.34	282	
4.9	12.0	329		4.9	11.1	332		4.9	10.9	323		4.9	4.6	322		4.9	0.23	39	
6.6	11.2	328		6.6	10.0	333		6.6	10.3	324		6.6	4.6	327		6.6	btm		
8.2	10.6	328		8.2	8.7	326		8.2	9.3	327		8.2	4.5	324					
9.8	9.2	323		9.8	7.9	324		9.8	7.8	327		9.8	3.6	323					
11.5	8.5	318		11.5	6.6	307		11.5	8.6	323		11.5	1.1	343					
13.1	10.9	323		13.1	7.8	309		14.1	btm			12.8	btm						
15.0	btm			14.5	btm														

Table 62.--Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 17, 1992, right channel, (1111 pst)--Continued

Right channel distance from left bank (feet)									
Island			86			114			177
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
0	0	-	2.9	0.11	306	2.9	1.4	315	2.9
			3.8	btm		3.7	0.27	144	3.7
						4.5	0.12	183	4.5
						5.1	btm		5.1
									btm
									2.7
									0.42
									0.76
									285
									285

Table 62.—Velocity profiles for Lower Granite Reservoir at Snake River mile 141.21 on March 17, 1992, right channel, (1111 pst)—Continued

Right channel distance from left bank (feet)									
243					275				
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
2.9	1.9	314	2.9	3.3	303	2.9	3.2	319	
2.9	1.9	314	3.7	2.2	299	3.7	2.3	317	
4.5	0.38	33	4.5	0.31	329	4.5	0.78	325	
4.8 btm			5.6 btm			5.3	0.64	280	
						6.0 btm			

Table 63.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on February 25, 1992 (0946 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
115			141			171			205			231		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.29	242	4.1	0.61	279	4.1	0.68	286	4.1	0.79	292	4.1	0.99	294
7.4	0.20	232	7.4	0.60	281	7.4	0.62	283	7.4	0.82	289	7.4	1.1	292
8.4 btm			10.7	0.19	290	10.7	0.59	283	10.7	0.81	289	10.7	1.1	289
			13.7 btm			13.9	0.33	289	13.9	0.74	288	13.9	1.1	289
						19.3 btm			17.2	0.78	284	17.2	0.98	290
									20.5	0.68	289	20.5	0.95	289
									28.0 btm			23.8	0.93	290
												27.1	0.84	291
												30.3	0.49	337
												34.3 btm		

Table 63.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on February 25, 1992 (0946 pst)-
Continued

Distance from left bank (feet)														
586			614			650			678			715		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.2	300	4.1	1.2	297	4.1	1.2	293	4.1	1.1	303	4.1	4.1	296
7.4	1.1	299	7.4	1.2	292	7.4	1.1	294	7.4	1.1	299	7.4	0.97	297
10.7	1.2	298	10.7	1.2	291	10.7	1.1	295	10.7	0.99	298	10.7	0.98	295
13.9	1.2	299	13.9	1.2	292	13.9	1.0	298	13.9	0.99	294	13.9	0.99	287
17.2	1.1	300	17.2	1.2	295	17.2	1.0	295	17.2	1.0	298	17.2	0.96	289
20.5	1.2	300	20.5	1.0	296	20.5	0.96	293	20.5	0.99	291	20.5	0.89	291
23.8	1.0	298	23.8	1.0	295	23.8	0.87	288	23.8	0.95	291	23.8	0.82	289
27.1	1.0	294	27.1	0.95	290	27.1	0.86	292	27.1	0.80	298	27.1	0.44	301
30.3	0.83	295	30.3	0.76	298	30.3	0.50	297	30.3	0.13	348	30.3	0.06	300
33.6	0.05	28	33.6	0.05	355	33.6	0.06	329	33.4	btm		31.3	btm	
36.0	btm		35.5	btm		34.7	btm							

Table 63.—Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on February 25, 1992 (0946 pst)—
Continued

Distance from left bank (feet)																			
743				781				810				842				875			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.0	299	4.1	0.97	299	4.1	0.97	298	4.1	0.92	298	4.1	0.92	298	4.1	0.92	300		
7.4	1.1	301	7.4	0.90	297	7.4	0.88	301	7.4	0.87	298	7.4	0.87	298	7.4	0.85	300		
10.7	1.0	299	10.7	0.83	298	10.7	0.83	295	10.7	0.80	293	10.7	0.80	293	10.7	0.84	298		
13.9	0.94	297	13.9	0.83	290	13.9	0.76	293	13.9	0.70	297	13.9	0.70	297	13.9	0.73	299		
17.2	0.84	296	17.2	0.72	291	17.2	0.32	288	17.2	0.11	258	17.2	0.11	258	17.2	0.11	288		
20.5	0.85	294	20.5	0.29	292	20.5	0.13	257	20.1	btm		20.3	btm						
23.8	0.58	298	23.8	0.18	263	21.2	btm												
27.1	0.14	280	24.7	btm															
28.6	btm																		

Table 64.-Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 05, 1992 (0959 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees
from magnetic North; btm, bottom]

Distance from left bank (feet)											
62				98				131			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
3.3	1.2	305	3.3	1.4	319	3.3	1.8	3.3	2.1	317	3.3
4.9	1.1	309	4.9	1.5	324	4.9	1.8	4.9	2.1	318	4.9
6.6	0.98	311	6.6	1.3	324	6.6	1.7	6.6	2.0	317	6.6
8.2	0.70	322	8.2	1.4	324	8.2	1.7	8.2	2.2	314	8.2
9.8	0.53	328	9.8	1.4	322	9.8	1.8	9.8	2.0	315	9.8
11.5	0.43	337	11.5	1.3	324	11.5	1.7	11.5	2.0	318	11.5
12.9 btm			13.1	1.3	327	13.1	1.8	13.1	2.1	318	13.1
			14.8	1.3	324	14.8	1.7	14.8	2.1	318	14.8
			16.4	0.94	327	16.4	1.7	16.4	2.0	319	16.4
			18.0	0.72	317	18.0	1.6	18.0	2.0	316	18.0
			20.9 btm			19.7	1.5	19.7	1.9	312	19.7
						21.3	1.3	21.3	1.9	314	21.3
						23.0	0.96	23.0	1.7	311	23.0
						25.7 btm		24.6	0.87	300	24.6
								26.2	0.09	22	26.2
								27.3 btm			27.3
											28.4 btm

Table 64.—Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 05, 1992 (0959 pst)—
Continued

Distance from left bank (feet)																			
722				752				790				820				849			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
3.3	1.0	333	3.3	1.2	338	3.3	1.3	334	3.3	1.1	339	3.3	1.1	323					
4.9	0.84	329	4.9	1.0	332	4.9	1.0	333	4.9	0.94	332	4.9	0.81	327					
6.6	0.11	118	6.6	0.19	46	6.6	0.13	11	6.6	0.13	350	6.6	0.06	266					
8.2	btm		8.5	btm		8.1	btm		8.4	btm		8.3	btm						

Table 64.—Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 05, 1992 (0959 pst)—
Continued

Distance from left bank (feet)									
884					897				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth
3.3	1.0	340	3.3	0.96	325				
4.9	0.68	343	4.9	0.83	336				
6.6	0.14	45	6.6	0.06	303				
7.7	btm		7.8	btm					

Table 65.—Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 17, 1992 (1035 pst)—
Continued

Distance from left bank (feet)																			
225				252				284				317				348			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg			
3.3	7.2	304	3.3	6.8	306	3.3	6.4	312	3.3	5.3	317	3.3	4.1	308					
4.9	6.9	305	4.9	6.5	306	4.9	6.1	310	4.9	4.9	315	4.9	4.0	306					
6.6	6.6	304	6.6	6.4	304	6.6	5.9	310	6.6	4.6	310	6.6	3.9	307					
8.2	6.4	303	8.2	6.1	303	8.2	5.6	308	8.2	4.6	309	8.2	3.5	303					
9.8	6.0	302	9.8	5.6	300	9.8	5.0	307	9.8	4.2	305	9.8	2.6	307					
11.5	5.3	301	11.5	5.1	300	11.5	4.5	306	11.5	3.9	305	11.5	1.1	317					
13.1	4.2	300	13.1	4.0	302	13.1	2.3	316	13.1	1.1	329	13.1	0.69	290					
14.8	1.3	283	14.8	1.6	288	15.9	btm		15.3	btm		13.3	btm						
16.5	btm		16.3	btm															

Table 65.--Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 17, 1992 (1035 pst)--
Continued

Distance from left bank (feet)											
379			411			436			491		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3.3	3.9	311	3.3	2.7	299	3.3	2.4	302	3.3	2.1	294
4.9	3.6	311	4.9	2.6	301	4.9	2.3	299	4.9	1.9	290
6.6	3.2	302	6.6	1.8	286	6.6	0.14	309	6.6	0.21	252
8.2	2.0	294	8.2	0.14	276	8.5	btm		8.1	btm	
9.8	0.19	308	9.5	btm					7.6	btm	
11.2	btm										

Table 65.—Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 17, 1992 (1035 pst)—
Continued

Distance from left bank (feet)									
521					551				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth
3.3	2.1	303	3.3	0.79	296				
4.9	0.56	339	4.9	0.09	337				
6.6	0.41	303	5.8	btm					
7.1	btm								

Table 66.—Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 18, 1992 (1033 pst)—
Continued

Distance from left bank (feet)														
224			249			280			319			347		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
2.9	6.4	306	2.9	5.9	303	2.9	6.0	305	2.9	4.8	304	2.9	3.2	300
3.7	6.1	305	3.7	6.0	306	3.7	5.9	304	3.7	4.6	304	3.7	3.3	296
4.5	5.8	305	4.5	5.6	306	4.5	6.0	302	4.5	4.4	302	4.5	3.1	300
5.3	6.0	305	5.3	5.4	305	5.3	5.7	302	5.3	4.6	306	5.3	3.2	301
6.1	5.7	305	6.1	5.1	307	6.1	5.7	302	6.1	4.3	307	6.1	3.1	301
7.0	5.5	306	7.0	4.8	307	7.0	5.6	302	7.0	4.4	308	7.0	3.0	305
7.8	5.2	303	7.8	4.5	311	7.8	5.4	303	7.8	4.3	309	7.8	3.0	305
8.6	5.0	302	8.6	4.8	310	8.6	5.0	307	8.6	4.1	309	8.6	2.8	303
9.4	5.2	302	9.4	4.9	308	9.4	5.0	306	9.4	3.8	311	9.4	2.4	307
10.2	5.2	303	10.2	4.8	305	10.2	5.0	304	10.2	4.0	312	10.2	1.3	311
11.1	5.0	302	11.1	4.7	305	11.1	4.7	302	11.1	3.4	307	11.1	1.1	324
11.9	4.7	300	11.9	4.4	303	11.9	4.1	304	11.9	2.7	310	12.1	btm	
12.7	4.6	298	12.7	4.0	302	12.7	4.0	303	12.7	1.2	318			
13.5	4.1	298	13.5	3.7	304	13.5	2.6	303	13.5	0.53	352			
14.3	2.3	299	14.3	1.4	317	14.3	0.23	315	14.3	btm				
15.2	0.05	329	15.2	0.24	18	15.7	btm							
16.4	btm		16.1	btm										

Table 66.—Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 18, 1992 (1033 pst)—
Continued

Distance from left bank (feet)									
370				429				463	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
2.9	2.3	304	2.9	2.2	301	2.9	2.0	2.9	2.0
3.7	2.4	299	3.7	2.3	297	3.7	1.9	3.7	2.0
4.5	2.3	305	4.5	2.0	296	4.5	1.9	4.5	2.0
5.3	2.4	298	5.3	2.0	297	5.3	1.9	5.3	1.9
6.1	2.3	304	6.1	1.9	299	6.1	1.2	6.1	0.68
7.0	2.4	303	7.0	1.8	290	7.0	0.05	7.0	0.65
7.8	2.3	294	7.8	0.30	293	8.3	btm	7.4	btm
8.6	1.4	312	8.6	0.27	41				
9.4	0.63	2	9.5	btm					
10.2	0.19	32							
10.7	btm								

Table 66.--Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 18, 1992 (1033 pst)--
Continued

Distance from left bank (feet)									
522									
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
2.9	2.0	307							
3.7	1.3	295							
4.5	1.5	319							
5.3	0.13	343							
6.5	btm								

Table 67.—Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 19, 1992 (0815 pst)—
Continued

Distance from left bank (feet)																			
373				414				436				467				505			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
2.9	3.6	307	2.9	2.7	310	2.9	2.7	312	2.9	1.8	314	2.9	1.8	314	2.9	1.8	306		
3.7	3.3	302	3.7	3.0	311	3.7	2.6	310	3.7	1.8	308	3.7	1.8	308	3.7	1.9	303		
4.5	3.2	306	4.5	3.0	308	4.5	2.6	299	4.5	1.9	297	4.5	1.9	297	4.5	1.6	304		
5.3	3.3	302	5.3	2.7	309	5.3	2.5	290	5.3	1.6	305	5.3	1.6	305	5.3	1.5	290		
6.1	3.1	295	6.1	2.3	302	6.1	2.1	293	6.1	1.5	298	6.1	1.5	298	6.1	0.12	146		
7.0	2.8	299	7.0	1.5	296	7.0	0.39	250	7.0	0.15	107	7.0	0.15	107	7.5	btm			
7.8	3.0	298	7.8	0.67	294	7.8	0.37	236	7.8	0.37	236	8.1	btm						
8.6	2.6	301	8.6	0.42	257	8.5	btm												
9.4	1.8	311	9.5	btm															
10.2	0.55	291																	
11.4	btm																		

Table 67.—Velocity profiles for Lower Granite Reservoir at Snake River mile 139.43 on March 19, 1992 (0815 pst)—
Continued

Distance from left bank (feet)									
528					558				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Vel	Hdg	Dpth
2.9	1.4	304	2.9	1.5	292				
3.7	1.5	306	3.7	0.97	290				
4.5	1.3	323	4.5	0.68	275				
5.3	1.1	301	5.3	0.16	184				
6.1	0.16	100	6.0	btm					
7.0	btm								

Table 68.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)																			
49				78				111				139				177			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.43	254	4.1	0.59	260	4.1	0.41	254	4.1	0.92	257	4.1	0.91	258					
7.4	0.07	15	7.4	0.50	262	7.4	0.39	260	7.4	0.80	261	7.4	0.81	259					
9.1	btm		10.7	0.30	265	10.7	0.44	253	10.7	0.74	259	10.7	0.71	260					
			16.0	btm		13.9	0.46	253	13.9	0.66	259	13.9	0.59	259					
						17.2	0.34	254	17.2	0.50	247	17.2	0.54	252					
						20.5	0.39	352	20.5	0.30	250	20.5	0.30	258					
						22.9	btm		23.8	0.13	251	23.8	0.02	270					
									25.4	btm		25.8	btm						

Table 68.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst) — Continued

Distance from left bank (feet)																			
207				238				269				300				332			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.89	255	4.1	0.89	256	4.1	0.93	256	4.1	0.99	256	4.1	0.97	254					
7.4	0.82	256	7.4	0.80	259	7.4	0.82	258	7.4	0.81	257	7.4	0.88	257					
10.7	0.67	259	10.7	0.66	256	10.7	0.76	256	10.7	0.71	257	10.7	0.77	255					
13.9	0.62	253	13.9	0.60	252	13.9	0.65	249	13.9	0.60	252	13.9	0.70	256					
17.2	0.55	256	17.2	0.46	252	17.2	0.55	246	17.2	0.56	246	17.2	0.69	250					
20.5	0.43	255	20.5	0.35	254	20.5	0.41	257	20.5	0.20	271	20.5	0.30	258					
23.8	0.12	270	23.8	0.04	259	23.8	0.05	19	23.8	0.01	270	23.8	0.02	315					
26.9 btm			27.0 btm			25.7 btm			24.3 btm			24.7 btm							

Table 68.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)—
Continued

Distance from left bank (feet)																			
364				404				435				467				501			
Dpth	vel	Hdg	Dpth	vel	Hdg	Dpth	vel	Hdg	Dpth	vel	Hdg	Dpth	vel	Hdg	Dpth	vel	Hdg		
4.1	1.1	259	4.1	1.0	254	4.1	0.99	253	4.1	1.0	251	4.1	0.99	254					
7.4	0.90	262	7.4	0.93	257	7.4	0.93	254	7.4	0.91	255	7.4	0.95	257					
10.7	0.80	264	10.7	0.83	263	10.7	0.86	255	10.7	0.84	254	10.7	0.85	256					
13.9	0.73	263	13.9	0.76	257	13.9	0.78	250	13.9	0.78	253	13.9	0.79	252					
17.2	0.65	258	17.2	0.70	255	17.2	0.73	246	17.2	0.70	249	17.2	0.68	246					
20.5	0.41	264	20.5	0.50	252	20.5	0.60	247	20.5	0.61	249	20.5	0.56	239					
23.8	0.09	335	23.8	0.05	323	23.8	0.05	285	23.8	0.11	270	23.8	0.11	245					
25.1 btm			25.7 btm			26.3 btm			26.9 btm			27.1 btm							

Table 68.--Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)--
Continued

Distance from left bank (feet)																			
535				561				597				634				662			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.1	257	4.1	1.1	251	4.1	1.0	255	4.1	1.1	256	4.1	1.1	256	4.1	1.0	253		
7.4	1.0	263	7.4	0.99	256	7.4	0.93	258	7.4	0.97	256	7.4	0.97	256	7.4	1.0	257		
10.7	0.93	260	10.7	0.95	256	10.7	0.89	258	10.7	0.85	256	10.7	0.85	256	10.7	0.90	254		
13.9	0.84	257	13.9	0.78	253	13.9	0.75	255	13.9	0.82	257	13.9	0.82	257	13.9	0.81	251		
17.2	0.81	253	17.2	0.61	253	17.2	0.76	253	17.2	0.73	254	17.2	0.73	254	17.2	0.76	247		
20.5	0.64	255	20.5	0.52	249	20.5	0.67	252	20.5	0.68	251	20.5	0.68	251	20.5	0.69	251		
23.8	0.21	279	23.8	0.15	263	23.8	0.39	257	23.8	0.48	256	23.8	0.48	256	23.8	0.41	257		
27.1	0.14	222	27.1	btm		27.1	0.18	338	27.1	0.14	334	27.1	0.14	334	27.1	0.07	240		
27.2	btm					28.3	btm		28.8	btm		27.9	btm		27.9	btm			

Table 68.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)—
Continued

Distance from left bank (feet)																													
700						729						757						795						832					
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg						
4.1	1.1	256	4.1	1.0	258	4.1	1.0	255	4.1	1.0	252	4.1	1.0	252	4.1	0.97	255												
7.4	0.93	259	7.4	0.96	256	7.4	0.92	256	7.4	0.92	254	7.4	0.92	254	7.4	0.87	260												
10.7	0.89	261	10.7	0.90	257	10.7	0.79	256	10.7	0.87	250	10.7	0.87	250	10.7	0.84	259												
13.9	0.83	258	13.9	0.85	256	13.9	0.71	253	13.9	0.77	254	13.9	0.77	254	13.9	0.74	262												
17.2	0.78	255	17.2	0.72	257	17.2	0.37	261	17.2	0.55	257	17.2	0.55	257	17.2	0.64	263												
20.5	0.74	260	20.5	0.47	258	20.5	0.10	287	20.5	0.06	283	20.5	0.06	283	20.5	0.20	302												
23.8	0.29	293	25.7	btm		22.1	btm		22.4	btm		23.5	btm																
27.5	btm																												

Table 68.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)—
Continued

Distance from left bank (feet)																			
859				896				923				959				986			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.99	250	4.1	0.94	250	4.1	1.0	248	4.1	0.98	244	4.1	0.98	244	4.1	0.97	246		
7.4	0.87	258	7.4	0.90	259	7.4	1.0	251	7.4	1.0	249	7.4	1.0	249	7.4	0.94	251		
10.7	0.84	256	10.7	0.84	261	10.7	0.94	253	10.7	0.94	251	10.7	0.94	251	10.7	0.96	250		
13.9	0.77	255	13.9	0.80	260	13.9	0.83	255	13.9	0.87	256	13.9	0.87	256	13.9	0.89	255		
17.2	0.73	256	17.2	0.70	257	17.2	0.80	253	17.2	0.89	251	17.2	0.89	251	17.2	0.85	256		
20.5	0.22	283	20.5	0.34	282	20.5	0.65	255	20.5	0.79	246	20.5	0.79	246	20.5	0.82	257		
24.0 btm			23.8	0.07	334	23.8	0.35	256	23.8	0.49	259	23.8	0.49	259	23.8	0.74	256		
			24.8 btm			27.1	btm		27.1	0.16	267	27.1	0.16	267	27.1	0.20	296		
									28.7	btm		28.7	btm		30.3	0.15	164		
															30.5	btm			

Table 68.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)—
Continued

Distance from left bank (feet)														
1,190			1,215			1,250			1,284			1,319		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.78	243	4.1	0.79	246	4.1	0.79	242	4.1	0.78	249	4.1	0.72	245
7.4	0.83	245	7.4	0.75	248	7.4	0.75	249	7.4	0.79	250	7.4	0.70	250
10.7	0.83	253	10.7	0.79	252	10.7	0.82	251	10.7	0.78	255	10.7	0.76	258
13.9	0.82	254	13.9	0.75	259	13.9	0.82	254	13.9	0.82	257	13.9	0.78	259
17.2	0.87	261	17.2	0.86	258	17.2	0.87	260	17.2	0.82	261	17.2	0.85	261
20.5	0.80	261	20.5	0.86	266	20.5	0.88	260	20.5	0.88	258	20.5	0.86	264
23.8	0.82	263	23.8	0.79	261	23.8	0.81	261	23.8	0.87	262	23.8	0.82	267
27.1	0.74	262	27.1	0.71	263	27.1	0.80	262	27.1	0.79	261	27.1	0.75	262
30.3	0.70	263	30.3	0.66	265	30.3	0.70	258	30.3	0.74	258	30.3	0.68	268
33.6	0.52	264	33.6	0.63	263	33.6	0.54	257	33.6	0.67	258	33.6	0.62	263
36.9	0.08	323	36.9	0.36	274	36.9	0.41	264	36.9	0.39	263	36.9	0.39	279
39.8 btm			40.2	0.01	14	40.2	0.05	331	40.2	0.04	311	40.2	0.07	336
			41.0 btm			41.6 btm			41.5 btm			41.5 btm		

Table 68.--Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on February 26, 1992 (1030 pst)--
Continued

Distance from left bank (feet)														
1,345			1,380			1,415			1,450			1,477		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.74	253	4.1	0.70	242	4.1	0.70	243	4.1	0.70	240	4.1	0.63	243
7.4	0.72	251	7.4	0.68	247	7.4	0.66	242	7.4	0.70	244	7.4	0.63	245
10.7	0.68	254	10.7	0.65	239	10.7	0.64	238	10.7	0.71	245	10.7	0.67	251
13.9	0.70	259	13.9	0.66	247	13.9	0.70	246	13.9	0.61	249	13.9	0.71	249
17.2	0.75	260	17.2	0.69	254	17.2	0.68	248	17.2	0.68	250	17.2	0.68	249
20.5	0.82	259	20.5	0.73	255	20.5	0.72	252	20.5	0.69	252	20.5	0.67	253
23.8	0.81	263	23.8	0.75	256	23.8	0.76	259	23.8	0.71	260	23.8	0.73	260
27.1	0.81	263	27.1	0.73	257	27.1	0.74	260	27.1	0.78	265	27.1	0.74	266
30.3	0.70	264	30.3	0.71	258	30.3	0.69	258	30.3	0.80	265	30.3	0.82	265
33.6	0.67	270	33.6	0.58	261	33.6	0.62	260	33.6	0.70	267	33.6	0.80	268
36.9	0.37	285	36.9	0.32	272	36.9	0.36	267	36.9	0.48	270	36.9	0.61	277
40.2	0.10	344	40.2	0.01	315	40.2	0.03	23	40.2	0.05	12	40.2	0.14	336
41.4 btm			41.3 btm			41.4 btm			41.9 btm			42.6 btm		

Table 69.--Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
75			113			146			179			214		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.72	299	4.1	0.85	312	4.1	4.1	311	4.1	0.99	316	4.1	1.3	315
7.4	0.44	301	7.4	0.75	315	7.4	0.81	309	7.4	0.91	317	7.4	1.2	315
10.7	0.06	110	10.7	0.25	322	10.7	0.42	303	10.7	0.49	320	10.7	0.55	319
12.2	btm		13.7	btm		13.9	0.17	337	13.9	0.02	146	13.9	0.05	245
						14.8	btm		15.0	btm		14.5	btm	

Table 69.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)—
Continued

Distance from left bank (feet)																													
237						271						305						340						375					
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg						
4.1	1.1	319	4.1	1.4	314	4.1	1.5	313	4.1	1.5	312	4.1	1.6	311	4.1	1.6	311	4.1	1.6	311	4.1	1.6	311						
7.4	0.96	322	7.4	0.96	311	7.4	1.3	312	7.4	1.3	311	7.4	1.3	311	7.4	1.3	311	7.4	1.3	311	7.4	1.4	313						
10.7	0.14	330	10.7	0.11	288	10.7	0.10	290	10.7	0.10	290	10.7	0.08	279	10.7	0.08	279	10.7	0.08	279	10.7	0.25	296						
14.0 btm			12.3 btm			12.7 btm			13.2 btm			13.7 btm			13.7 btm			13.7 btm			13.7 btm								

Table 69.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)—
Continued

Distance from left bank (feet)														
398			433			469			505			540		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.5	310	4.1	1.4	310	4.1	1.5	317	4.1	1.4	308	4.1	1.4	302
7.4	1.4	308	7.4	1.4	309	7.4	1.4	317	7.4	1.3	308	7.4	1.1	294
10.7	0.39	312	10.7	0.64	305	10.7	0.94	316	10.7	0.82	311	10.7	0.62	291
14.2 btm			13.9	0.08	203	13.9	0.10	348	13.9	0.04	155	13.9	0.17	127
			15.0 btm			15.3 btm			15.4 btm			15.4 btm		

Table 69.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)—
Continued

Distance from left bank (feet)																			
563				598				633				665				699			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.5	310	4.1	1.5	311	4.1	1.6	309	4.1	1.3	307	4.1	1.4	313					
7.4	1.4	314	7.4	1.3	309	7.4	1.5	309	7.4	1.3	307	7.4	1.3	313					
10.7	1.2	311	10.7	1.2	305	10.7	1.3	311	10.7	0.55	305	10.7	0.88	311					
13.9	0.03	336	13.9	0.16	307	13.9	0.16	282	13.9	0.17	191	13.9	0.44	176					
16.5 btm			17.1 btm			15.8 btm			15.4 btm			16.0 btm							

Table 69.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)—
Continued

Distance from left bank (feet)																			
733				769				792				829				865			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.1	307	4.1	1.0	318	4.1	1.3	314	4.1	1.3	318	4.1	1.5	314	4.1	1.5	314		
7.4	0.24	281	7.4	0.02	296	7.4	0.42	316	7.4	0.89	319	7.4	1.3	312	7.4	1.3	312		
10.6 btm			10.5 btm			11.1 btm			10.7	0.07	157	10.7	0.74	304	10.7	0.74	304		
									12.3 btm			13.9	0.11	247	13.9	0.11	247		
												14.9 btm			14.9 btm				

Table 69.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)—
Continued

Distance from left bank (feet)																			
901				925				960				995				1,030			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
4.1	1.7	309		4.1	1.5	315		4.1	1.5	310		4.1	1.2	308		4.1	1.5	310	
7.4	1.5	309		7.4	1.4	310		7.4	1.4	311		7.4	1.2	311		7.4	1.5	309	
10.7	1.2	303		10.7	1.3	308		10.7	1.3	310		10.7	1.2	308		10.7	1.4	308	
13.9	0.17	241		13.9	0.32	313		13.9	1.0	309		13.9	1.2	307		13.9	1.4	310	
16.3 btm				17.6 btm				17.2	0.04	311		17.2	0.32	306		17.2	0.96	309	
								19.5 btm				20.5	0.14	140		20.5	0.01	236	
												21.2 btm				22.4 btm			

Table 69.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)—
Continued

Distance from left bank (feet)														
1,390			1,422			1,455			1,488			1,519		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.4	295	4.1	1.4	293	4.1	1.5	295	4.1	1.4	296	4.1	0.85	277
7.4	1.3	294	7.4	1.4	294	7.4	1.4	296	7.4	1.3	297	7.4	0.87	280
10.7	1.3	297	10.7	1.3	299	10.7	1.3	298	10.7	1.3	296	10.7	0.95	286
13.9	1.3	300	13.9	1.3	296	13.9	1.2	295	13.9	1.3	298	13.9	0.99	286
17.2	1.3	305	17.2	1.1	298	17.2	1.1	300	17.2	1.2	297	17.2	1.1	292
20.5	1.1	307	20.5	1.0	301	20.5	1.0	298	20.5	1.2	296	20.5	1.2	301
23.8	1.0	309	23.8	0.94	302	23.8	0.90	299	23.8	1.1	294	23.8	1.2	299
27.1	0.06	345	27.1	0.15	330	27.1	0.45	307	27.1	0.86	306	27.1	1.1	295
29.8	btm		30.4	btm		30.3	0.06	351	30.3	0.34	312	30.3	0.59	302
						31.7	btm		33.6	btm		33.6	0.13	357
												35.3	btm	

Table 69.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 05, 1992 (1534 pst)—
Continued

Distance from left bank (feet)									
1,549					1,570				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Vel	Hdg	Dpth
4.1	0.79	284	4.1	0.93	295				
7.4	0.78	287	7.4	0.90	302				
10.7	0.79	290	10.7	0.86	305				
13.9	0.92	292	13.9	0.94	306				
17.2	0.97	296	17.2	0.90	308				
20.5	0.93	294	20.5	0.73	306				
23.8	0.96	295	23.8	0.61	329				
27.1	0.89	294	31.6	btm					
30.3	0.67	294							
33.6	0.06	327							
36.2	btm								

Table 70.-Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 17, 1992 (1645 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)																			
73				102				128				173				190			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
3.3	1.1	271	3.3	1.2	306	3.3	3.8	304	3.3	4.8	309	3.3	6.9	310					
4.9	0.34	82	4.9	0.16	55	4.9	0.83	286	4.9	3.2	307	4.9	5.9	307					
5.3 btm			5.1 btm			6.2 btm			6.6	3.1	322	6.6	3.6	304					
									7.5 btm			8.2	3.8	323					
												9.1 btm							

Table 70.--Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 17, 1992 (1645 pst)--
Continued

Distance from left bank (feet)																			
224				260				296				313				348			

Table 70.--Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 17, 1992 (1645 pst)--
Continued

Distance from left bank (feet)														
381			413			445			490			518		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3.3	5.8	309	3.3	5.0	310	3.3	5.1	311	3.3	3.2	314	3.3	3.6	311
4.9	5.4	305	4.9	3.9	309	4.9	4.0	314	4.9	2.1	313	4.9	1.4	335
6.6	3.2	298	6.6	2.0	317	6.6	3.2	319	6.6	1.3	313	6.6	0.80	341
8.2	1.7	320	8.2	btm		8.7	btm		8.2	btm		6.9	btm	
9.4	btm													

Table 70.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 17, 1992 (1645 pst)—
Continued

Distance from left bank (feet)																			
542				578				606				639				677			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
3.3	2.2	300	3.3	0.93	313	3.3	2.1	279	3.3	4.1	274	3.3	4.0	289	3.3	4.0	289		
4.9	0.23	326	4.4	btm		4.9	0.68	286	4.9	3.7	273	4.9	3.7	285	4.9	3.7	285		
5.8	btm					5.6	btm		6.6	2.4	281	6.6	3.6	284	6.6	3.6	284		
						8.2	1.2	288	8.2	1.2	288	8.2	2.7	284	8.2	2.7	284		
						9.4	btm		9.4	btm		9.8	0.62	304	9.8	0.62	304		
												11.2	btm		11.2	btm			

Table 70.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 17, 1992 (1645 pst)—
Continued

Distance from left bank (feet)									
703					703				
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
3.3	5.6	280							
4.9	5.1	279							
6.6	5.0	278							
8.2	5.3	283							
9.8	5.1	281							
11.5	3.5	277							
13.1	1.8	270							
14.8	0.87	277							
15.3	btm								

Table 71.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992 (1007 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)												
55			82			119			152			179
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	
2.9	2.6	276	2.9	3.6	285	2.9	3.9	276	2.9	4.5	281	
3.7	1.2	268	3.7	3.6	284	3.7	3.9	274	3.7	4.5	280	
4.5	1.1	267	4.5	1.2	286	4.5	2.3	279	4.5	4.2	280	
5.4 btm			5.3	1.2	261	5.3	0.18	303	5.3	3.7	281	
			6.0 btm			6.4 btm			6.1	2.3	287	
									7.0	1.7	277	
									7.8	1.6	299	
									8.4 btm			
									8.6	0.51	277	
									9.9 btm			

Table 71.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992 (1007 pst) — Continued

Distance from left bank (feet)														
219			251			276			313			340		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
2.9	5.5	277	2.9	5.4	275	2.9	5.2	273	2.9	4.9	278	2.9	3.8	290
3.7	5.1	276	3.7	5.1	275	3.7	4.9	271	3.7	4.6	277	3.7	4.1	291
4.5	5.0	275	4.5	5.0	272	4.5	4.8	274	4.5	4.6	278	4.5	4.0	286
5.3	4.8	276	5.3	4.8	272	5.3	4.8	276	5.3	4.5	279	5.3	4.2	284
6.1	4.4	275	6.1	5.0	271	6.1	4.4	273	6.1	4.0	284	6.1	4.2	287
7.0	3.5	273	7.0	4.6	271	7.0	4.4	271	7.0	3.9	280	7.0	3.9	286
7.8	2.2	265	7.8	3.8	270	7.8	3.3	263	7.8	3.2	277	7.8	3.8	283
8.6	1.0	265	8.6	2.3	262	8.6	1.7	274	8.6	2.4	280	8.6	2.6	278
9.4	0.51	270	9.4	0.24	270	9.8	btm		9.4	1.8	285	9.4	1.7	280
9.5	btm		10.4	btm					10.8	btm		10.6	btm	

Table 71.—Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992 (1007 pst)—
Continued

Distance from left bank (feet)										
371			404			438			463	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
2.9	4.9	292	2.9	4.0	275	2.9	3.8	291	2.9	4.1
3.7	4.6	289	3.7	4.4	278	3.7	3.6	284	3.7	3.8
4.5	4.6	289	4.5	4.6	276	4.5	3.7	282	4.5	3.8
5.3	4.2	284	5.3	4.7	274	5.3	3.7	286	5.3	4.0
6.1	4.2	288	6.1	4.6	275	6.1	3.1	276	6.1	2.4
7.0	3.4	291	7.0	3.7	276	7.0	0.40	268	7.0	0.89
7.8	2.6	283	7.8	2.2	270	7.8	0.88	333	7.8	0.47
8.6	1.8	292	8.6	1.2	260	8.3	btm		7.7	btm
9.4	1.5	292	9.4	1.1	254					
10.2	0.63	279	10.5	btm						
11.0	btm									

Table 71.--Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992 (1007 pst) - Continued

Distance from left bank (feet)																			
526				552				590				622				652			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
2.9	4.5	285	2.9	3.9	273	2.9	4.0	276	2.9	4.1	278	2.9	4.4	262					
3.7	4.1	283	3.7	3.9	275	3.7	4.0	276	3.7	4.1	278	3.7	4.5	262					
4.5	3.0	288	4.5	3.9	273	4.5	4.2	278	4.5	4.2	273	4.5	4.5	262					
5.3	1.3	300	5.3	3.9	274	5.3	4.3	275	5.3	4.3	273	5.3	4.3	263					
6.1	1.4	308	6.1	3.2	273	6.1	4.2	279	6.1	4.3	276	6.1	4.3	261					
6.9	btm		7.0	0.95	273	7.0	2.9	274	7.0	3.1	269	7.0	4.1	261					
			7.8	0.55	332	7.8	1.4	268	7.8	2.3	272	7.8	4.3	259					
			8.4	btm		8.6	0.87	250	8.6	1.5	259	8.6	4.0	259					
						9.3	btm		9.7	btm		9.4	3.7	256					
												10.2	3.4	259					
												11.1	2.9	255					
												11.9	1.6	256					
												12.7	1.2	256					
												13.3	btm						

Table 71.--Velocity profiles for Lower Granite Reservoir at Snake River mile 138.34 on March 18, 1992 (1007 pst)--
Continued

678		Distance from left bank (feet)						685					
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth	Vel	Hdg
2.9	5.4	264	2.9	5.4	257								
3.7	5.3	263	3.7	5.3	256								
4.5	5.3	262	4.5	5.4	256								
5.3	5.1	260	5.3	5.3	256								
6.1	5.1	260	6.1	5.5	254								
7.0	5.0	259	7.0	5.4	253								
7.8	4.8	256	7.8	5.3	251								
8.6	4.8	255	8.6	4.9	252								
9.4	4.6	254	9.4	4.5	249								
10.2	4.5	252	13.4	btm									
11.1	4.4	250											
11.9	4.4	247											
12.7	4.1	250											
13.5	3.3	250											
14.3	2.6	246											
15.2	1.4	231											
16.3	btm												

Table 72.—Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)									
80		105		142		167		203	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
4.1	0.09	123	4.1	0.09	117	4.1	0.06	4.1	0.09
7.1 btm			6.8 btm			6.6 btm		7.3 btm	323

Table 72.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)-
Continued

Distance from left bank (feet)																			
240				268				297				336				365			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.18	226	4.1	0.31	226	4.1	0.58	229	4.1	0.54	233	4.1	0.68	236					
7.4	0.11	259	7.4	0.37	232	7.4	0.54	230	7.4	0.51	232	7.4	0.62	241					
11.0	btm		10.7	0.29	233	10.7	0.52	229	10.7	0.49	242	10.7	0.62	237					
			13.9	0.24	279	13.9	0.43	237	13.9	0.48	233	13.9	0.58	240					
			18.1	btm		17.2	0.37	232	17.2	0.48	245	17.2	0.56	240					
						23.6	btm		20.5	0.39	239	20.5	0.50	235					
									23.8	0.06	310	23.8	0.11	242					
									26.0	btm		27.1	btm						

Table 72.-Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)-
Continued

Distance from left bank (feet)														
394			433			464			494			533		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.71	229	4.1	0.76	235	4.1	0.78	240	4.1	0.90	226	4.1	0.75	217
7.4	0.69	237	7.4	0.76	236	7.4	0.82	239	7.4	0.82	232	7.4	0.71	218
10.7	0.61	233	10.7	0.70	241	10.7	0.75	241	10.7	0.81	234	10.7	0.68	226
13.9	0.62	231	13.9	0.70	241	13.9	0.74	239	13.9	0.82	238	13.9	0.71	228
17.2	0.55	222	17.2	0.64	238	17.2	0.72	246	17.2	0.80	244	17.2	0.68	228
20.5	0.58	224	20.5	0.63	239	20.5	0.66	242	20.5	0.75	241	20.5	0.66	232
23.8	0.38	231	23.8	0.58	239	23.8	0.61	243	23.8	0.68	237	23.8	0.68	235
27.1	0.09	235	27.1	0.30	248	27.1	0.57	242	27.1	0.69	240	27.1	0.59	231
28.9 btm			30.3	0.11	148	30.3	0.14	285	30.3	0.54	241	30.3	0.62	229
			31.3 btm			33.2 btm			33.6	0.10	252	33.6	0.48	234
									35.7 btm			36.9	0.11	286
												39.4 btm		

Table 72.--Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)--
Continued

Distance from left bank (feet)																			
888				918				958				989				1,021			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.98	220	4.1	0.89	225	4.1	0.97	229	4.1	1.0	232	4.1	0.95	232	4.1	0.95	232		
7.4	0.94	225	7.4	0.90	223	7.4	0.99	230	7.4	0.89	234	7.4	0.90	234	7.4	0.90	234		
10.7	0.97	225	10.7	0.86	227	10.7	0.98	233	10.7	0.88	235	10.7	0.85	237	10.7	0.85	237		
13.9	0.92	226	13.9	0.82	228	13.9	0.97	235	13.9	0.82	234	13.9	0.85	234	13.9	0.85	234		
17.2	0.95	223	17.2	0.89	227	17.2	1.0	231	17.2	0.82	235	17.2	0.86	234	17.2	0.86	234		
20.5	0.95	225	20.5	0.85	225	20.5	0.98	230	20.5	0.80	233	20.5	0.83	233	20.5	0.83	233		
23.8	0.91	224	23.8	0.84	225	23.8	0.95	233	23.8	0.81	232	23.8	0.81	232	23.8	0.81	232		
27.1	0.88	223	27.1	0.89	224	27.1	0.98	234	27.1	0.76	231	27.1	0.83	233	27.1	0.83	233		
30.3	0.91	223	30.3	0.82	229	30.3	0.98	231	30.3	0.74	227	30.3	0.84	230	30.3	0.84	230		
33.6	0.90	220	33.6	0.81	226	33.6	0.88	235	33.6	0.69	227	33.6	0.82	233	33.6	0.82	233		
36.9	0.86	218	36.9	0.84	228	36.9	0.88	236	36.9	0.70	229	36.9	0.77	230	36.9	0.77	230		
40.2	0.82	225	40.2	0.72	230	40.2	0.79	233	40.2	0.64	231	40.2	0.79	230	40.2	0.79	230		
43.5	0.14	217	43.5	0.31	263	43.5	0.64	242	43.5	0.55	239	43.5	0.66	232	43.5	0.66	232		
46.8	0.11	196	46.8	0.02	113	46.8	0.07	277	46.8	0.20	254	46.8	0.40	256	46.8	0.40	256		
47.3 btm			47.8 btm			49.1 btm			50.4 btm			50.0	0.08	221	51.4 btm				

Table 72.—Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)—
Continued

Distance from left bank (feet)											
1,219			1,249			1,287			1,315		1,344
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.1	226	4.1	1.0	231	4.1	1.1	225	4.1	0.98	232
7.4	1.1	228	7.4	1.0	231	7.4	1.0	226	7.4	0.98	231
10.7	1.1	230	10.7	0.99	230	10.7	0.97	227	10.7	0.83	231
13.9	1.1	229	13.9	0.98	231	13.9	0.85	229	13.9	0.77	227
17.2	1.1	228	17.2	0.94	231	17.2	0.87	227	17.2	0.61	222
20.5	0.97	228	20.5	0.88	230	20.5	0.82	224	20.5	0.44	231
23.8	0.89	225	23.8	0.79	230	23.8	0.71	224	23.8	0.21	182
27.1	0.80	227	27.1	0.66	230	27.1	0.45	221	26.6	btm	
30.3	0.78	226	30.3	0.57	236	33.3	btm				
33.6	0.65	227	33.6	0.49	240						
36.9	0.36	233	38.9	btm							
40.2	0.07	249									
41.5	btm										

Table 72.—Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on February 25, 1992 (1442 pst)—
Continued

Distance from left bank (feet)														
1,382			1,410			1,446			1,476			1,480		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	
4.1	0.76	231	4.1	0.64	237	4.1	0.42	224	4.1	0.24	232	4.1	0.15	188
7.4	0.69	234	7.4	0.62	243	7.4	0.40	223	7.4	0.20	236	7.4	0.14	163
10.7	0.58	235	10.7	0.57	242	10.7	0.37	230	10.7	0.20	235	10.7	0.03	6
13.9	0.52	234	13.9	0.42	245	13.9	0.30	237	13.9	0.22	278	13.8	btm	
17.2	0.37	238	17.2	0.19	303	17.2	0.05	270	18.9	btm				
20.5	0.10	313	20.5	btm		20.2	btm							
22.2	btm													

Table 73.—Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
64			100			131			162			194		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.15	204	4.1	0.36	278	4.1	0.54	290	4.1	0.68	290	4.1	0.84	289
7.4	0.11	216	7.4	0.29	277	7.4	0.36	287	7.4	0.63	290	7.4	0.76	296
10.1 btm			10.7	0.10	348	10.7	0.37	281	10.7	0.61	290	10.7	0.78	293
			14.3 btm			13.9	0.10	282	13.9	0.47	287	13.9	0.62	286
						16.8 btm			17.2	0.11	313	17.2	0.27	294
									19.1	btm		20.5	0.22	254
												20.9	btm	

Table 73.--Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst)--
Continued

Distance from left bank (feet)														
227			260			295			318			351		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.0	287	4.1	1.0	286	4.1	1.2	290	4.1	1.1	289	4.1	1.3	284
7.4	1.0	293	7.4	0.92	287	7.4	1.1	291	7.4	0.94	290	7.4	1.1	286
10.7	1.0	296	10.7	0.89	290	10.7	1.0	293	10.7	0.91	293	10.7	1.1	290
13.9	0.90	290	13.9	0.90	289	13.9	0.97	293	13.9	0.82	291	13.9	1.2	294
17.2	0.71	294	17.2	0.85	288	17.2	0.92	298	17.2	0.80	290	17.2	1.0	296
20.5	0.16	284	20.5	0.58	291	20.5	0.89	304	20.5	0.82	294	20.5	0.92	299
22.8 btm			23.8	0.10	250	23.8	0.61	302	23.8	0.85	301	23.8	0.90	294
			25.4 btm			27.1	0.27	267	27.1	0.48	306	27.1	0.91	302
						28.7 btm			30.3	0.32	348	30.3	0.24	313
									31.6 btm			33.6 btm		

Table 73.--Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst) -- Continued

Distance from left bank (feet)										
557			581			616			650	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel
4.1	1.3	287	4.1	1.4	292	4.1	1.3	284	4.1	1.2
7.4	1.2	286	7.4	1.4	296	7.4	1.3	285	7.4	1.2
10.7	1.2	285	10.7	1.5	296	10.7	1.3	283	10.7	1.2
13.9	1.2	288	13.9	1.4	291	13.9	1.3	283	13.9	1.2
17.2	1.2	287	17.2	1.4	291	17.2	1.3	285	17.2	1.2
20.5	1.1	286	20.5	1.5	290	20.5	1.3	284	20.5	1.1
23.8	0.97	288	23.8	1.4	288	23.8	1.2	286	23.8	0.93
27.1	0.92	295	27.1	1.1	294	27.1	1.1	291	27.1	0.87
30.3	0.78	300	30.3	0.66	285	30.3	0.72	281	30.3	0.84
33.6	0.14	304	33.6	0.15	315	33.6	0.18	313	30.3	0.72
36.9 btm			36.8 btm			37.0 btm			33.6	0.35
									36.9	0.10
									38.2 btm	313

Table 73.--Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst).--
Continued

Distance from left bank (feet)																			
876				911				945				978				1,011			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.4	287	4.1	1.2	290	4.1	1.2	288	4.1	1.0	284	4.1	1.0	284	4.1	0.87	284		
7.4	1.3	287	7.4	1.3	290	7.4	1.2	286	7.4	0.97	287	7.4	0.97	287	7.4	0.86	285		
10.7	1.4	291	10.7	1.2	291	10.7	1.2	286	10.7	1.0	285	10.7	1.0	285	10.7	0.82	289		
13.9	1.3	290	13.9	1.2	288	13.9	1.1	282	13.9	0.94	285	13.9	0.94	285	13.9	0.81	290		
17.2	1.3	290	17.2	1.1	290	17.2	0.98	280	17.2	0.79	283	17.2	0.79	283	17.2	0.74	287		
20.5	1.2	291	20.5	1.0	293	20.5	0.88	281	20.5	0.64	284	20.5	0.64	284	20.5	0.71	291		
23.8	1.1	289	23.8	0.99	300	23.8	0.82	282	23.8	0.55	284	23.8	0.55	284	23.8	0.59	289		
27.1	1.0	288	27.1	0.91	298	27.1	0.72	288	27.1	0.41	286	27.1	0.41	286	27.1	0.12	276		
30.3	0.91	289	30.3	0.84	300	30.3	0.46	295	30.3	0.08	205	30.3	0.08	205	29.1	btm			
33.6	0.79	291	33.6	0.45	296	33.6	0.17	208	32.1	btm									
36.9	0.45	297	36.9	0.03	83	35.2	btm												
40.2	0.05	190	38.4	btm															
41.1	btm																		

Table 73.—Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 05, 1992 (1358 pst)—
Continued

Distance from left bank (feet)														
1,045			1,078			1,111			1,143			1,166		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.77	288	4.1	0.65	287	4.1	0.42	260	4.1	0.48	278	4.1	0.26	278
7.4	0.74	288	7.4	0.59	290	7.4	0.17	255	7.4	0.05	344	7.4	0.04	311
10.7	0.62	291	10.7	0.55	287	10.7	0.15	182	9.8	btm		9.2	btm	
13.9	0.61	296	13.9	0.43	286	11.7	btm							
17.2	0.54	295	17.2	0.22	276									
20.5	0.40	302	19.7	btm										
23.8	0.23	4												
25.3	btm													

Table 74.—Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 17, 1992 (1605 pst)—
Continued

Distance from right bank (feet)									
725					753				
					766				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth
3.3	2.1	206	3.3	1.8	222	3.3	0.75	254	
4.9	2.1	212	4.9	1.2	227	4.9	0.42	232	
6.6	1.9	212	6.6	0.39	239	6.9	btm		
8.2	1.5	207	8.2	btm					
9.8	0.86	196							
11.5	0.30	177							
12.1	btm								

Table 75.—Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992 (0912 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
82			108			144			173			206		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3.3	1.2	270	3.3	3.3	275	3.3	3.5	270	3.3	3.6	266	3.3	3.5	261
4.9	0.62	289	4.9	3.1	277	4.9	3.5	267	4.9	3.3	265	4.9	3.2	260
5.9	btm		6.6	2.9	280	6.6	3.3	268	6.6	3.2	264	6.6	3.0	264
			8.2	1.4	279	8.2	3.0	266	8.2	2.7	263	8.2	2.9	265
			9.8	0.36	298	9.8	2.2	266	9.8	2.4	262	9.8	2.7	266
			10.7	btm		11.5	0.59	241	11.5	1.1	252	11.5	1.9	268
						13.1	btm		13.1	0.22	301	13.1	0.12	290
									14.2	btm		14.4	btm	

Table 75.—Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992 (0912 pst) — Continued

Distance from left bank (feet)																			
239				272				307				341				366			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
3.3	3.5	261		3.3	3.6	270		3.3	3.8	272		3.3	3.7	269		3.3	3.5	268	
4.9	3.4	262		4.9	3.3	267		4.9	3.5	272		4.9	3.5	269		4.9	3.3	267	
6.6	3.2	263		6.6	3.3	268		6.6	3.4	271		6.6	3.5	267		6.6	3.3	269	
8.2	2.9	263		8.2	2.9	268		8.2	3.3	272		8.2	3.5	267		8.2	3.0	270	
9.8	2.6	263		9.8	2.6	266		9.8	3.0	276		9.8	3.2	268		9.8	2.7	279	
11.5	1.9	258		11.5	1.4	249		11.5	2.1	257		11.5	2.9	266		11.5	2.4	276	
13.1	0.26	205		13.1	0.19	278		13.1	0.36	241		13.1	1.3	232		13.1	1.4	260	
14.9	btm			14.7	btm			15.1	btm			14.8	0.13	217		14.8	0.04	195	
												15.8	btm			16.4	btm		

Table 75.—Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992 (0912 pst)—
Continued

Distance from left bank (feet)														
566			598			630			660			690		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
3.3	4.1	269	3.3	4.3	264	3.3	4.1	266	3.3	3.2	264	3.3	2.6	260
4.9	4.0	273	4.9	4.2	265	4.9	3.8	266	4.9	3.0	264	4.9	2.5	261
6.6	3.8	272	6.6	4.1	267	6.6	3.7	268	6.6	2.7	264	6.6	2.4	260
8.2	3.7	272	8.2	4.0	267	8.2	3.6	270	8.2	2.6	262	8.2	2.1	262
9.8	3.6	271	9.8	3.9	267	9.8	3.4	270	9.8	2.6	264	9.8	1.8	261
11.5	3.4	267	11.5	3.8	266	11.5	3.4	273	11.5	2.5	266	11.5	1.2	249
13.1	3.2	268	13.1	3.7	266	13.1	3.4	275	13.1	2.3	272	13.1	0.74	267
14.8	3.1	265	14.8	3.5	270	14.8	3.5	274	14.8	2.0	276	14.8	0.55	283
16.4	2.9	263	16.4	3.3	271	16.4	3.3	274	16.4	1.5	282	15.7	btm	
18.0	2.2	258	18.0	3.1	271	18.0	3.0	274	18.0	0.88	302			
19.7	0.61	292	19.7	1.5	272	19.7	1.4	267	19.7	btm				
21.0	btm		21.3	0.11	236	21.3	0.17	244						
			22.1	btm		22.1	btm							

Table 75.—Velocity profiles for Lower Granite Reservoir at Snake River mile 137.17 on March 19, 1992 (0912 pst)—
Continued

Distance from left bank (feet)									
718					748				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Hdg
3.3	0.86	233	3.3	0.28	145				
4.9	0.86	237	4.9	0.35	156				
6.6	0.86	240	6.6	0.23	178				
8.2	0.90	244	8.2	0.07	135				
9.8	0.43	230	10.0	btm					
11.5	0.12	74							
11.9	btm								

Table 76.--Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom;]

Distance from left bank (feet)														
140			171			205			244			274		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg		
5.7	0.07	196	5.7	0.02	0	5.7	0.05	97	5.7	0.10	358	5.7	0.09	312
6.4	btm		6.5	btm		6.7	btm		6.8	btm		6.9	btm	

Table 76.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)-
Continued

Distance from left bank (feet)									
304		335		366		399		431	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
5.7	0.10	200	5.7	0.13	17	5.7	0.13	5.7	0.04
7.1 btm			7.3 btm			7.7 btm		9.2 btm	349
						8.4 btm			

Table 76.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)—
Continued

Distance from left bank (feet)														
794				828				862				931		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.49	244	5.7	0.53	246	5.7	0.65	243	5.7	0.65	241	5.7	0.75	247
12.3	0.49	247	12.3	0.48	250	12.3	0.62	244	12.3	0.64	245	12.3	0.76	246
18.9	0.45	244	18.9	0.50	247	18.9	0.61	245	18.9	0.67	242	18.9	0.78	246
25.4	0.28	241	25.4	0.49	245	25.4	0.62	243	25.4	0.68	240	25.4	0.78	245
32.0	0.19	333	32.0	0.21	251	32.0	0.58	243	32.0	0.66	237	32.0	0.73	244
34.7 btm			39.6 btm			38.6	0.10	299	38.6	0.32	240	38.6	0.68	247
						43.4 btm			45.1	0.08	14	45.1	0.12	304
									46.6 btm			49.6 btm		

Table 76.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)—
Continued

Distance from left bank (feet)														
1,129			1,153			1,187			1,222			1,256		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.90	241	5.7	0.88	241	5.7	0.91	237	5.7	0.87	236	5.7	0.88	235
12.3	0.90	242	12.3	0.88	243	12.3	0.91	239	12.3	0.88	240	12.3	0.87	239
18.9	0.87	240	18.9	0.86	241	18.9	0.88	238	18.9	0.87	239	18.9	0.85	237
25.4	0.86	239	25.4	0.87	240	25.4	0.86	237	25.4	0.83	240	25.4	0.88	238
32.0	0.83	240	32.0	0.87	239	32.0	0.88	237	32.0	0.84	241	32.0	0.86	237
38.6	0.80	239	38.6	0.88	238	38.6	0.87	237	38.6	0.84	239	38.6	0.84	236
45.1	0.75	241	45.1	0.87	237	45.1	0.86	235	45.1	0.82	236	45.1	0.79	234
51.7	0.61	243	51.7	0.83	240	51.7	0.80	236	51.7	0.80	239	51.7	0.77	236
58.2	0.03	0	58.2	0.05	284	58.2	0.09	245	58.2	0.28	257	58.2	0.40	242
61.9 btm			62.8 btm			63.9 btm			64.8	0.04	30	64.8	0.04	217
									65.4 btm			66.6 btm		

Table 76.--Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst) -- Continued

Distance from left bank (feet)														
1,453			1,488			1,522			1,545			1,578		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.88	238	5.7	0.93	239	5.7	0.80	241	5.7	0.78	234	5.7	0.67	234
12.3	0.81	239	12.3	0.87	240	12.3	0.85	244	12.3	0.80	237	12.3	0.71	235
18.9	0.77	240	18.9	0.83	240	18.9	0.87	240	18.9	0.85	237	18.9	0.78	234
25.4	0.75	240	25.4	0.78	239	25.4	0.85	239	25.4	0.82	238	25.4	0.78	239
32.0	0.69	238	32.0	0.79	236	32.0	0.86	235	32.0	0.75	236	32.0	0.68	239
38.6	0.64	235	38.6	0.83	236	38.6	0.86	231	38.6	0.66	235	38.6	0.60	243
45.1	0.67	233	45.1	0.82	231	45.1	0.81	232	45.1	0.49	240	50.1	btm	
51.7	0.68	240	51.7	0.70	235	51.7	0.29	247	51.7	0.41	331			
58.2	0.42	239	58.2	0.17	304	59.1	btm		54.2	btm				
64.8	0.18	324	63.4	btm										
67.4	btm													

Table 76.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 26, 1992 (1432 pst)—
Continued

Distance from left bank (feet)																	
1,611				1,644				1,683				1,711				1,724	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.55	237	5.7	0.44	237	5.7	0.44	244	5.7	0.33	228	5.7	0.26	272			
12.3	0.57	234	12.3	0.47	241	12.3	0.48	249	12.3	0.21	230	12.3	0.13	332			
18.9	0.61	235	18.9	0.50	239	18.9	0.40	255	23.7	btm		16.5	btm				
25.4	0.58	236	25.4	0.42	237	25.4	0.15	288									
32.0	0.55	238	38.1	btm		31.0	btm										
38.6	0.17	316															
44.6	btm																

Table 77.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)									
302		334		356		399		431	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
5.7	0.12	274	5.7	0.06	249	5.7	0.02	5.7	0.06
6.3 btm			7.2 btm			8.7 btm		9.9 btm	28

Table 77.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)—
Continued

Distance from left bank (feet)											
464			498			521			557		593
Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	vel	Hdg	Dpth	Vel	Hdg
5.7	0.09	209	5.7	0.12	231	5.7	0.27	244	5.7	0.29	254
11.0 btm			12.1 btm			12.3	0.17	184	12.3	0.10	228
						13.0 btm			13.9 btm		

Table 77.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)—
Continued

Distance from left bank (feet)									
630				687				723	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
5.7	0.41	247	5.7	0.49	235	5.7	0.49	5.7	0.65
12.3	0.22	263	12.3	0.41	237	12.3	0.52	12.3	0.61
18.9	0.10	275	18.9	0.17	231	18.9	0.47	18.9	0.53
20.7	btm		25.9	btm		25.4	0.36	25.4	0.51
						30.3	btm	32.0	0.29
								38.6	0.10
								40.0	btm

Table 77.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)—Continued

Distance from left bank (feet)																			
783				819				856				892				917			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.77	234		5.7	0.74	232		5.7	0.79	235		5.7	0.71	233		5.7	0.85	235	
12.3	0.69	234		12.3	0.69	234		12.3	0.75	239		12.3	0.67	236		12.3	0.85	237	
18.9	0.64	236		18.9	0.68	235		18.9	0.75	237		18.9	0.68	234		18.9	0.83	239	
25.4	0.56	237		25.4	0.61	234		25.4	0.72	239		25.4	0.67	232		25.4	0.78	238	
32.0	0.53	237		32.0	0.57	233		32.0	0.71	240		32.0	0.64	235		32.0	0.73	236	
38.6	0.08	270		38.6	0.26	236		38.6	0.61	241		38.6	0.59	233		38.6	0.72	236	
43.0 btm				45.8 btm				45.1	0.09	293		45.1	0.12	235		45.1	0.50	241	
								48.9 btm				51.6 btm				51.7	0.12	208	
																53.6 btm			

Table 77.-Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)-
Continued

Distance from left bank (feet)											
1,440				1,479				1,516			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
5.7	0.93	235	5.7	0.87	237	5.7	0.80	5.7	0.70	226	5.7
12.3	0.91	237	12.3	0.82	238	12.3	0.80	12.3	0.70	229	12.3
18.9	0.96	236	18.9	0.85	238	18.9	0.80	18.9	0.70	230	18.9
25.4	0.88	238	25.4	0.82	232	25.4	0.79	25.4	0.72	234	25.4
32.0	0.84	239	32.0	0.81	233	32.0	0.75	32.0	0.42	258	32.1 btm
38.6	0.82	237	38.6	0.68	238	38.6	0.18	38.9	btm		
45.1	0.78	239	45.1	0.15	273	43.7	btm				
55.6	btm		50.2	btm							

Table 77.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on February 27, 1992 (0906 pst)—
Continued

Distance from left bank (feet)									
1,611					1,628				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth
5.7	0.63	242	5.7	0.61	243				
12.3	0.62	242	12.3	0.18	281				
18.9	0.50	291	16.9	btm					
26.3	btm								

Table 78.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
93			131			164			192			220		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.27	228	4.1	0.38	239	4.1	0.56	216	4.1	0.73	225	4.1	0.87	224
7.4	0.24	217	7.4	0.45	230	7.4	0.56	216	7.4	0.85	225	7.4	0.96	222
10.7	0.04	243	10.7	0.43	225	10.7	0.69	217	10.7	0.88	236	10.7	1.0	222
13.7 btm			13.9	0.30	217	13.9	0.58	215	13.9	0.89	231	13.9	0.95	225
			18.9 btm			17.2	0.57	214	17.2	0.85	227	17.2	0.92	223
						20.5	0.45	287	20.5	0.78	226	20.5	0.84	228
						24.4 btm			23.8	0.65	224	23.8	0.82	220
									28.8 btm			27.1	0.52	220
												31.7 btm		

Table 78.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst)—
Continued

Distance from left bank (feet)											
418				452				485			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
4.1	1.4	229	4.1	1.3	227	4.1	1.3	4.1	1.3	230	4.1
7.4	1.5	230	7.4	1.3	227	7.4	1.3	7.4	1.3	227	7.4
10.7	1.5	229	10.7	1.3	225	10.7	1.3	10.7	1.3	225	10.7
13.9	1.4	230	13.9	1.3	225	13.9	1.3	13.9	1.3	227	13.9
17.2	1.4	232	17.2	1.3	224	17.2	1.4	17.2	1.3	229	17.2
20.5	1.4	233	20.5	1.3	225	20.5	1.3	20.5	1.3	230	20.5
23.8	1.3	233	23.8	1.3	225	23.8	1.3	23.8	1.3	229	23.8
27.1	1.2	234	27.1	1.3	226	27.1	1.3	27.1	1.3	232	27.1
30.3	1.1	228	30.3	1.2	231	30.3	1.3	30.3	1.2	232	30.3
33.6	1.1	230	33.6	1.1	232	33.6	1.2	33.6	1.1	232	33.6
36.9	1.1	234	36.9	1.0	225	36.9	1.1	36.9	1.0	234	36.9
40.2	0.80	230	40.2	0.89	230	40.2	1.1	40.2	0.98	235	40.2
43.5	0.05	217	43.5	0.14	193	43.5	0.63	43.5	0.90	237	43.5
46.8	btm		48.3	btm		49.7	btm	46.8	0.29	227	46.8
								50.0	0.02	225	50.0
								51.1	btm		51.1
											52.2
											btm
											50.0
											0.09
											237

Table 78.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst)—
Continued

Distance from left bank (feet)														
579			612			646			679			714		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.3	225	4.1	1.2	226	4.1	1.3	226	4.1	1.1	225	4.1	1.1	219
7.4	1.3	224	7.4	1.2	222	7.4	1.3	225	7.4	1.2	223	7.4	1.1	220
10.7	1.4	226	10.7	1.2	223	10.7	1.2	224	10.7	1.2	222	10.7	1.1	221
13.9	1.3	228	13.9	1.2	223	13.9	1.2	227	13.9	1.2	224	13.9	1.1	223
17.2	1.4	229	17.2	1.2	226	17.2	1.2	226	17.2	1.2	224	17.2	1.1	224
20.5	1.3	228	20.5	1.3	226	20.5	1.3	226	20.5	1.2	226	20.5	1.2	226
23.8	1.3	229	23.8	1.3	226	23.8	1.3	229	23.8	1.2	227	23.8	1.1	226
27.1	1.3	229	27.1	1.2	226	27.1	1.3	229	27.1	1.2	228	27.1	1.1	223
30.3	1.2	230	30.3	1.2	228	30.3	1.2	230	30.3	1.2	227	30.3	1.1	227
33.6	1.2	229	33.6	1.2	227	33.6	1.2	233	33.6	1.1	230	33.6	1.1	225
36.9	1.2	229	36.9	1.2	229	36.9	1.2	231	36.9	1.1	227	36.9	1.0	225
40.2	1.1	229	40.2	1.2	227	40.2	1.1	232	40.2	1.0	227	40.2	0.99	225
43.5	1.1	230	43.5	1.0	228	43.5	0.96	230	43.5	1.1	231	43.5	0.90	225
46.8	0.90	232	46.8	0.92	232	46.8	0.92	229	46.8	0.93	225	46.8	0.82	221
50.0	0.19	252	50.0	0.24	223	50.0	0.48	224	50.0	0.79	222	50.0	0.79	226
53.2 btm			54.6 btm			53.3	0.17	220	53.3	0.31	202	53.3	0.53	228
						56.4 btm			57.9 btm			58.9 btm		

Table 78.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 06, 1992 (1410 pst) — Continued

[illegible]

Table 79.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 18, 1992 (1230 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)											
59			98			127			158		189
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg	
4.1	0.07	326	4.1	0.77	285	4.1	1.3	291	4.1	1.7	
4.8	btm		7.4	0.26	280	7.4	1.2	291	7.4	1.7	
			9.6	btm		10.7	0.56	286	10.7	1.6	
						13.9	0.02	206	13.9	1.4	
						14.6	btm		17.2	0.16	
									19.9	btm	

Table 79.--Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 18, 1992 (1230 pst).--
Continued

Distance from left bank (feet)														
220			251			292			324			357		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.9	296	4.1	2.2	296	4.1	2.2	289	4.1	2.1	296	4.1	2.1	298
7.4	1.8	297	7.4	2.1	295	7.4	2.2	291	7.4	2.1	296	7.4	2.2	301
10.7	1.8	295	10.7	2.0	298	10.7	2.1	292	10.7	2.0	296	10.7	2.1	302
13.9	1.6	294	13.9	1.9	297	13.9	2.0	292	13.9	1.9	297	13.9	2.0	306
17.2	1.1	292	17.2	1.7	297	17.2	1.8	294	17.2	1.9	301	17.2	1.9	307
20.5	0.03	156	20.5	0.86	290	20.5	1.7	294	20.5	1.7	300	20.5	1.8	306
22.1 btm			23.8	0.07	33	23.8	0.41	271	23.8	1.3	306	23.8	1.5	306
			24.7 btm			27.1 btm			27.1	0.10	78	27.1	0.65	307
									29.1 btm			31.0 btm		

Table 79.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 18, 1992 (1230 pst)—
Continued

Distance from left bank (feet)																			
391				422				455				487				519			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg				
4.1	2.0	296	4.1	2.0	295	4.1	2.0	296	4.1	2.0	295	4.1	1.9	293					
7.4	2.1	297	7.4	2.1	296	7.4	2.0	297	7.4	2.0	297	7.4	2.0	296					
10.7	2.0	302	10.7	2.0	298	10.7	2.0	299	10.7	2.0	300	10.7	2.0	300					
13.9	1.9	302	13.9	1.9	299	13.9	2.0	301	13.9	2.0	303	13.9	2.0	301					
17.2	1.8	305	17.2	1.8	299	17.2	1.9	302	17.2	1.9	303	17.2	1.9	300					
20.5	1.7	304	20.5	1.8	298	20.5	1.8	302	20.5	1.9	302	20.5	1.8	300					
23.8	1.5	303	23.8	1.7	298	23.8	1.7	303	23.8	1.7	301	23.8	1.7	299					
27.1	0.93	297	27.1	1.5	298	27.1	1.5	301	27.1	1.5	302	27.1	1.5	295					
30.3	0.09	146	30.3	0.11	266	30.3	0.39	304	30.3	0.98	300	30.3	1.3	297					
32.0 btm			33.0 btm			33.9 btm			33.6	0.04	120	33.6	0.16	260					
									35.0 btm					36.0 btm					

Table 79.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 18, 1992 (1230 pst) — Continued

Distance from left bank (feet)																			
550				580				619				648				677			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
4.1	1.8	292		4.1	1.6	290		4.1	1.5	288		4.1	1.5	289		4.1	1.5	287	
7.4	1.8	294		7.4	1.8	293		7.4	1.6	289		7.4	1.6	291		7.4	1.5	287	
10.7	1.8	296		10.7	1.8	293		10.7	1.7	291		10.7	1.7	292		10.7	1.5	287	
13.9	1.9	298		13.9	1.9	296		13.9	1.8	294		13.9	1.7	294		13.9	1.6	287	
17.2	1.8	298		17.2	1.8	295		17.2	1.8	296		17.2	1.8	296		17.2	1.6	290	
20.5	1.7	299		20.5	1.7	296		20.5	1.7	297		20.5	1.8	296		20.5	1.7	291	
23.8	1.7	300		23.8	1.6	297		23.8	1.7	298		23.8	1.7	298		23.8	1.7	292	
27.1	1.5	298		27.1	1.5	296		27.1	1.6	297		27.1	1.7	296		27.1	1.6	292	
30.3	1.4	295		30.3	1.5	295		30.3	1.6	294		30.3	1.6	293		30.3	1.5	293	
33.6	0.54	292		33.6	1.2	293		33.6	1.4	292		33.6	1.4	291		33.6	1.1	295	
36.9	0.40	284		36.9	0.29	244		36.9	0.61	290		36.9	0.64	305		36.9	0.34	304	
37.3	btm			39.3	btm			40.8	btm			40.9	btm			40.0	btm		

Table 80.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
63			96			133			162			191		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.11	285	4.1	1.8	290	4.1	2.3	289	4.1	2.4	290	4.1	2.8	288
4.7	btm		7.4	0.52	295	7.4	1.9	290	7.4	2.3	291	7.4	2.8	289
			9.7	btm		10.7	0.37	279	10.7	1.9	292	10.7	2.6	290
						13.4	btm		13.9	0.09	310	13.9	2.1	286
									16.4	btm		17.2	0.23	251
												19.2	btm	

Table 80.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst)—
Continued

Distance from left bank (feet)																													
227						260						291						324						360					
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg						
4.1	3.1	284	4.1	3.2	279	4.1	3.3	272	4.1	3.3	274	4.1	3.3	274	4.1	3.2	277												
7.4	2.9	283	7.4	3.2	279	7.4	3.2	272	7.4	3.2	274	7.4	3.2	274	7.4	3.3	278												
10.7	2.8	282	10.7	3.0	280	10.7	3.1	273	10.7	3.2	275	10.7	3.2	275	10.7	3.2	278												
13.9	2.6	283	13.9	2.9	279	13.9	3.0	272	13.9	3.1	275	13.9	3.1	275	13.9	3.2	279												
17.2	1.3	279	17.2	2.5	279	17.2	2.8	273	17.2	2.8	275	17.2	2.8	275	17.2	2.9	278												
20.5	0.04	247	20.5	0.67	262	20.5	1.9	269	20.5	2.6	276	20.5	2.6	276	20.5	2.7	279												
21.4 btm			23.5 btm			23.8	0.57	273	23.8	1.1	237	23.8	1.1	237	23.8	1.6	253												
						25.7 btm			27.1	0.63	290	27.1	0.63	290	27.1	0.16	200												
									28.1 btm			28.1 btm			29.2 btm														

Table 80.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst)—
Continued

Distance from left bank (feet)														
557			586			623			651			687		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	2.9	278	4.1	2.9	277	4.1	3.0	277	4.1	3.1	275	4.1	3.1	274
7.4	2.9	279	7.4	2.9	276	7.4	3.0	278	7.4	3.2	274	7.4	3.1	275
10.7	2.9	279	10.7	2.8	278	10.7	3.0	278	10.7	3.1	275	10.7	3.1	276
13.9	2.8	280	13.9	2.8	277	13.9	2.9	279	13.9	3.1	276	13.9	3.1	276
17.2	2.7	279	17.2	2.8	278	17.2	2.9	279	17.2	3.1	276	17.2	3.1	275
20.5	2.7	279	20.5	2.8	278	20.5	2.8	278	20.5	3.0	277	20.5	3.0	273
23.8	2.6	278	23.8	2.6	276	23.8	2.7	277	23.8	2.8	274	23.8	2.8	272
27.1	2.4	276	27.1	2.5	274	27.1	2.6	276	27.1	2.6	272	27.1	2.7	269
30.3	1.9	270	30.3	2.3	274	30.3	2.3	275	30.3	2.4	268	30.3	2.0	267
33.6	0.87	272	33.6	1.6	266	33.6	2.1	272	33.6	2.0	269	33.6	0.59	271
36.9	btm		36.9	0.59	284	36.9	0.38	273	36.9	0.10	259	37.3	btm	
			38.8	btm		39.7	btm		39.3	btm				

Table 80.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst)—
Continued

Distance from left bank (feet)																			
720				755				781				812				846			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	3.1	271	4.1	3.1	274	4.1	2.9	274	4.1	2.7	272	4.1	2.4	271	4.1	2.4	271		
7.4	3.1	272	7.4	3.1	275	7.4	3.0	276	7.4	2.8	274	7.4	2.2	271	7.4	2.2	271		
10.7	3.1	272	10.7	3.1	276	10.7	3.0	276	10.7	2.7	271	10.7	1.1	278	10.7	1.1	278		
13.9	3.0	272	13.9	2.9	275	13.9	2.9	277	13.9	1.8	270	13.9	0.66	303	13.9	0.66	303		
17.2	2.9	271	17.2	2.9	273	17.2	2.6	276	17.2	0.61	279	17.2	btm		14.6	btm			
20.5	2.8	270	20.5	2.7	269	20.5	1.5	267	20.5	19.9	btm	19.9	btm						
23.8	2.6	267	23.8	1.3	253	23.8	0.17	39	23.8										
27.1	1.8	263	27.1	0.16	243	27.1			25.4	btm									
30.3	0.44	267	28.9	btm															
33.4	btm																		

Table 80.--Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 19, 1992 (1206 pst)--
Continued

Distance from left bank (feet)									
866									
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
4.1	2.09	265							
7.4	0.56	307							
10.4	btm								

Table 81.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 25, 1992 (0946 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)											
64			101			132			165		200
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg	
4.1	0.21	296	4.1	1.2	307	4.1	1.4	315	4.1	1.7	
6.3	btm		7.4	0.42	306	7.4	1.3	314	7.4	1.5	
			10.9	btm		10.7	0.40	313	10.7	1.4	
						13.9	btm		13.9	0.62	
									15.5	btm	
									17.7	btm	

Table 81.—Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 25, 1992 (0946 pst)—
Continued

Distance from left bank (feet)										
234			257			291			324	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
4.1	1.7	306	4.1	1.8	301	4.1	1.7	304	4.1	1.9
7.4	1.6	306	7.4	1.7	302	7.4	1.6	304	7.4	1.7
10.7	1.5	305	10.7	1.5	303	10.7	1.6	301	10.7	1.7
13.9	1.3	305	13.9	1.3	302	13.9	1.3	299	13.9	1.6
17.2	0.47	293	17.2	0.91	295	17.2	1.2	299	17.2	1.4
20.3 btm			20.5	0.08	279	20.5	0.05	298	20.5	1.1
			21.8 btm			23.1 btm			23.8	0.20
									25.2 btm	328
									26.5 btm	

Table 81.--Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 25, 1992 (0946 pst)--
Continued

Distance from left bank (feet)														
391			424			456			485			525		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	2.0	299	4.1	2.0	295	4.1	2.0	293	4.1	2.0	291	4.1	1.9	289
7.4	2.0	301	7.4	2.0	295	7.4	2.0	294	7.4	1.9	292	7.4	1.9	289
10.7	1.9	300	10.7	2.0	295	10.7	1.9	293	10.7	1.9	289	10.7	1.9	289
13.9	1.7	299	13.9	1.9	296	13.9	1.8	293	13.9	1.8	290	13.9	1.8	289
17.2	1.7	298	17.2	1.7	294	17.2	1.7	294	17.2	1.8	288	17.2	1.7	288
20.5	1.4	295	20.5	1.5	293	20.5	1.5	293	20.5	1.7	288	20.5	1.6	287
23.8	0.59	303	23.8	0.99	296	23.8	1.2	294	23.8	1.5	285	23.8	1.5	289
27.1	0.06	183	27.1	0.06	60	27.1	0.13	42	27.1	0.24	308	27.1	0.79	289
27.5 btm			28.3 btm			29.3 btm			30.1 btm			30.3	0.00	45
												31.4 btm		

Table 81.--Velocity profiles for Lower Granite Reservoir at Snake River mile 132.05 on March 25, 1992 (0946 pst)--
Continued

Distance from left bank (feet)											
717				756				803			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.5	285	4.1	1.6	288	4.1	1.5	297	4.1	1.1	282
7.4	1.5	283	7.4	1.5	288	7.4	1.4	296	7.4	1.1	286
10.7	1.4	282	10.7	1.5	287	10.7	1.3	300	10.7	0.36	285
13.9	1.4	282	13.9	1.5	284	13.9	0.97	300	13.7	btm	
17.2	1.4	285	17.2	1.2	287	17.2	0.76	307			
20.5	1.2	286	20.5	0.56	297	19.5	btm				
23.8	0.70	285	24.0	btm							
28.4	btm										

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
53			87			116			141			177		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.06	276	5.7	0.11	178	5.7	0.08	130	5.7	0.13	124	5.7	0.05	47
8.0	btm		8.1	btm		8.0	btm		7.9	btm		8.3	btm	

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst) — Continued

Distance from left bank (feet)									
206		236		274		303		332	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
5.7	0.10	115	5.7	0.07	151	5.7	0.10	5.7	0.13
8.5 btm			9.3 btm			10.1 btm		11.4 btm	106
						10.9 btm			

Table 82.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)--
Continued

Distance from left bank (feet)														
363			400			429			460		491			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg		
5.7	0.07	26	5.7	0.05	15	5.7	0.05	81	5.7	0.06	93	5.7	0.01	104
11.8 btm			12.3 btm			12.7 btm			12.8 btm			13.0 btm		

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)—
Continued

Distance from left bank (feet)																			
529				559				590				622				658			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.02	149	5.7	0.07	119	5.7	0.10	112	5.7	0.10	135	5.7	0.09	77					
12.3	0.24	180	12.3	0.19	175	12.3	0.20	160	12.3	0.22	171	12.3	0.10	151					
13.2 btm			13.5 btm			13.6 btm			13.8 btm			13.9 btm							

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)—
Continued

Distance from left bank (feet)														
686			724			754			784			825		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.03	82	5.7	0.05	352	5.7	0.20	86	5.7	0.04	114	5.7	0.13	15
12.3	0.07	153	12.3	0.02	254	12.3	0.11	101	12.3	0.07	180	12.3	0.10	356
14.0 btm			14.1 btm			14.2 btm			14.4 btm			14.8 btm		

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)—
Continued

Distance from left bank (feet)														
856			887			919			951			983		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.06	329	5.7	0.12	133	5.7	0.12	61	5.7	0.14	85	5.7	0.07	194
12.3	0.08	310	12.3	0.10	161	12.3	0.11	43	12.3	0.14	80	12.3	0.04	261
15.4	btm		16.2	btm		16.7	btm		17.0	btm		17.6	btm	

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)—
Continued

Distance from left bank (feet)																			
1,015				1,047				1,080				1,113				1,146			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.07	100	5.7	0.08	90	5.7	0.03	104	5.7	0.11	326	5.7	0.09	231					
12.3	0.05	72	12.3	0.11	53	12.3	0.09	46	12.3	0.12	323	12.3	0.06	257					
18.7	btm		18.9	0.08	78	18.9	0.07	39	18.9	0.13	316	18.9	0.05	265					
			20.4	btm		21.6	btm		22.1	btm		22.3	btm						

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst) —
Continued

Distance from left bank (feet)														
1,179			1,213			1,246			1,278			1,310		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.01	315	5.7	0.01	63	5.7	0.09	233	5.7	0.14	203	5.7	0.13	146
12.3	0.07	339	12.3	0.06	12	12.3	0.06	239	12.3	0.06	209	12.3	0.10	114
18.9	0.06	0	18.9	0.08	41	18.9	0.04	239	18.9	0.06	209	18.9	0.12	102
22.3 btm			22.1 btm			22.0 btm			21.7 btm			21.4 btm		

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)—
Continued

Distance from left bank (feet)									
1,342		1,374		1,406		1,439		1,472	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
5.7	0.07	20	5.7	0.09	212	5.7	0.14	5.7	0.17
12.3	0.10	34	12.3	0.02	258	12.3	0.12	12.3	0.15
18.9	0.15	35	18.9	0.05	82	18.9	0.06	18.9	0.11
21.1 btm			20.9	btm		21.8	btm	25.6	btm
			5.7	0.16	230	5.7	0.12	5.7	0.17
			12.3	0.08	235	12.3	0.12	12.3	0.15
			18.9	0.04	175	18.9	0.06	18.9	0.11
			20.8	btm		21.8	btm	25.6	btm

Table 82.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)--
Continued

Distance from left bank (feet)																			
1,505				1,538				1,571				1,605				1,638			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.13	260	5.7	0.17	241	5.7	0.21	254	5.7	0.23	245	5.7	0.32	255					
12.3	0.13	271	12.3	0.18	243	12.3	0.25	249	12.3	0.25	260	12.3	0.33	257					
18.9	0.12	282	18.9	0.17	245	18.9	0.23	246	18.9	0.24	253	18.9	0.32	256					
25.4	0.07	320	25.4	0.01	225	25.4	0.06	312	25.4	0.09	252	25.4	0.29	254					
28.7 btm			29.9 btm			31.3 btm			32.0	0.06	47	32.0	0.07	40					
									33.2 btm			35.0 btm							

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst) — Continued

Distance from left bank (feet)																			
1,830				1,864				1,899				1,935				1,959			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.76	265	5.7	0.83	265	5.7	0.73	261	5.7	0.72	270	5.7	0.75	266					
12.3	0.75	263	12.3	0.85	265	12.3	0.78	261	12.3	0.82	268	12.3	0.83	269					
18.9	0.76	261	18.9	0.88	265	18.9	0.83	262	18.9	0.87	267	18.9	0.86	266					
25.4	0.72	261	25.4	0.86	266	25.4	0.88	262	25.4	0.83	265	25.4	0.88	262					
32.0	0.70	263	32.0	0.86	266	32.0	0.87	261	32.0	0.81	264	32.0	0.87	262					
38.6	0.64	266	38.6	0.78	262	38.6	0.86	260	38.6	0.82	267	38.6	0.88	261					
45.1	0.51	276	45.1	0.69	264	45.1	0.82	258	45.1	0.78	262	45.1	0.86	262					
51.7	0.04	21	51.7	0.03	299	51.7	0.04	259	51.7	0.15	296	51.7	0.29	275					
54.9 btm			55.6 btm			56.6 btm			57.5 btm			58.6 btm							

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst) — Continued

Distance from left bank (feet)																	
1,995				2,031				2,055				2,091				2,127	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.76	268	5.7	0.76	271	5.7	0.80	267	5.7	0.90	267	5.7	0.92	267			
12.3	0.81	268	12.3	0.81	269	12.3	0.84	267	12.3	0.93	267	12.3	0.97	266			
18.9	0.87	265	18.9	0.86	268	18.9	0.88	266	18.9	0.95	266	18.9	0.98	265			
25.4	0.89	265	25.4	0.90	267	25.4	0.87	266	25.4	0.95	263	25.4	0.97	264			
32.0	0.93	264	32.0	0.90	265	32.0	0.86	266	32.0	0.94	261	32.0	0.93	264			
38.6	0.90	265	38.6	0.86	265	38.6	0.86	264	38.6	0.94	262	38.6	0.87	264			
45.1	0.85	264	45.1	0.83	266	45.1	0.79	264	45.1	0.88	264	45.1	0.87	263			
51.7	0.44	268	51.7	0.54	271	51.7	0.65	266	51.7	0.67	267	51.7	0.68	265			
58.2	0.03	12	58.2	0.08	12	58.2	0.02	45	58.2	0.01	26	58.2	0.07	324			
59.8	btm		60.6	btm		61.1	btm		61.4	btm		62.4	btm				

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst) — Continued

[illegible]

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)—
Continued

Distance from left bank (feet)																			
2,488				2,511				2,545				2,580				2,614			
Dpth	Vel	Hdg	Dpth	Dpth	Vel	Hdg	Dpth	Dpth	Vel	Hdg	Dpth	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.78	262	5.7	5.7	0.78	258	5.7	5.7	0.74	260	5.7	5.7	0.78	259	5.7	0.76	259		
12.3	0.83	265	12.3	12.3	0.79	260	12.3	12.3	0.76	262	12.3	12.3	0.81	260	12.3	0.81	262		
18.9	0.86	264	18.9	18.9	0.83	262	18.9	18.9	0.81	262	18.9	18.9	0.85	261	18.9	0.82	263		
25.4	0.86	264	25.4	25.4	0.84	262	25.4	25.4	0.82	262	25.4	25.4	0.85	262	25.4	0.84	262		
32.0	0.87	266	32.0	32.0	0.82	262	32.0	32.0	0.83	264	32.0	32.0	0.87	266	32.0	0.82	262		
38.6	0.88	268	38.6	38.6	0.79	264	38.6	38.6	0.79	268	38.6	38.6	0.82	267	38.6	0.79	263		
45.1	0.83	269	45.1	45.1	0.70	268	45.1	45.1	0.75	272	45.1	45.1	0.64	269	45.1	0.30	270		
51.7	0.31	286	51.7	51.7	0.12	302	51.7	51.7	0.06	11	51.7	51.7	0.07	0	52.6	0.30	270		
58.9 btm			57.6 btm	56.3 btm			56.3 btm	54.6 btm							52.6 btm				

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)—
Continued

Distance from left bank (feet)									
2,648		2,682		2,717		2,740		2,773	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
5.7	0.78	263	5.7	0.77	262	5.7	0.63	5.7	0.62
12.3	0.76	265	12.3	0.76	265	12.3	0.60	12.3	0.53
18.9	0.77	264	18.9	0.75	265	18.9	0.56	18.9	0.24
25.4	0.78	266	25.4	0.73	266	25.4	0.61	25.4	0.24
32.0	0.77	269	32.0	0.71	269	32.0	0.70	25.4	0.61
38.6	0.71	272	38.6	0.58	272	38.6	0.24	29.6	btm
45.1	0.09	316	45.1	0.14	0	44.7	btm	39.3	btm
50.5	btm		48.1	btm					

Table 82.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)—
Continued

Distance from left bank (feet)														
2,805			2,845			2,873			2,909			2,944		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.60	265	5.7	0.63	253	5.7	0.49	268	5.7	0.27	258	5.7	0.38	260
12.3	0.25	276	12.3	0.17	246	12.3	0.07	345	12.3	0.02	156	12.3	0.03	135
18.9	0.10	155	18.8	btm		16.6	btm		14.8	btm		15.5	btm	
20.4	btm													

Table 82.-Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on February 27, 1992 (1614 pst)-
Continued

Distance from left bank (feet)									
2,960									
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
5.7	0.24	263							
12.3	0.07	151							
14.7	btm								

Table 83.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)									
301		336		360		397		433	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
4.1	0.06	339	4.1	0.11	321	4.1	0.03	4.1	0.15
5.3 btm			5.3 btm			6.5 btm		7.4	0.12
								8.6 btm	210

Table 83.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)—
Continued

Distance from left bank (feet)														
467			499			530			561			591		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.17	283	4.1	0.45	258	4.1	0.39	259	4.1	0.52	266	4.1	0.62	266
7.4	0.03	5	7.4	0.46	249	7.4	0.30	288	7.4	0.51	260	7.4	0.55	259
12.0 btm			10.7	0.25	250	10.7	0.31	286	10.7	0.36	236	10.7	0.51	260
			13.9	0.13	238	13.9	0.10	97	13.9	0.22	163	13.9	0.05	222
			14.0 btm			14.6 btm			14.7 btm			16.6 btm		

Table 83.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst) — Continued

Distance from left bank (feet)																			
622				662				691				720				759			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
4.1	0.58	261		4.1	0.82	264		4.1	0.73	256		4.1	0.97	258		4.1	0.93	258	
7.4	0.62	266		7.4	0.77	269		7.4	0.75	260		7.4	0.88	262		7.4	0.82	265	
10.7	0.65	278		10.7	0.77	266		10.7	0.79	260		10.7	0.89	260		10.7	0.83	261	
13.9	0.30	292		13.9	0.69	279		13.9	0.75	258		13.9	0.94	251		13.9	0.81	263	
17.2	0.12	50		17.2	0.08	288		17.2	0.31	254		17.2	0.81	257		17.2	0.81	263	
18.6 btm				20.1 btm				20.5	0.22	161		20.5	0.21	238		20.5	0.72	265	
								21.5 btm				23.8	btm			23.8	0.42	274	
																29.9	btm		

Table 83.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst) — Continued

Distance from left bank (feet)																			
949				982				1,015				1,048				1,081			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
4.1	1.1	264		4.1	1.0	260		4.1	1.1	261		4.1	1.0	268		4.1	1.0	264	
7.4	1.1	264		7.4	1.1	260		7.4	1.1	264		7.4	0.99	265		7.4	1.0	264	
10.7	1.1	264		10.7	1.1	262		10.7	1.1	265		10.7	1.1	266		10.7	1.0	267	
13.9	1.0	261		13.9	1.1	263		13.9	1.0	265		13.9	1.0	269		13.9	0.98	269	
17.2	1.0	261		17.2	1.0	263		17.2	1.1	264		17.2	1.0	269		17.2	0.97	269	
20.5	1.1	260		20.5	0.99	266		20.5	1.0	265		20.5	0.98	272		20.5	0.95	271	
23.8	1.0	264		23.8	1.0	267		23.8	0.99	269		23.8	0.96	274		23.8	0.97	275	
27.1	0.96	269		27.1	0.98	269		27.1	0.97	268		27.1	0.90	276		27.1	0.94	275	
30.3	0.93	271		30.3	0.91	270		30.3	0.91	269		30.3	0.91	275		30.3	0.87	274	
33.6	0.87	277		33.6	0.88	268		33.6	0.86	271		33.6	0.91	272		33.6	0.92	273	
36.9	0.78	274		36.9	0.78	268		36.9	0.76	270		36.9	0.89	275		36.9	0.83	272	
40.2	0.23	251		40.2	0.25	267		40.2	0.30	271		40.2	0.59	274		40.2	0.75	276	
43.5	0.16	217		43.5	0.09	209		43.5	0.09	216		43.5	0.04	315		43.5	0.17	231	
43.8 btm				44.0 btm				44.4 btm				45.2 btm				46.0 btm			

Table 83.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst) — Continued

[illegible]

Table 83.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1001 pst)--
Continued

Distance from left bank (feet)											
1,770			1,808			1,834			1,848		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.37	270	4.1	0.34	275	4.1	0.22	275	4.1	0.08	40
7.4	0.46	273	7.4	0.38	281	7.4	0.08	253	5.6	btm	
10.7	0.49	270	10.7	0.34	277	9.0	btm				
13.9	0.51	262	13.9	0.24	288						
17.2	0.44	273	17.2	0.72	4						
20.5	0.51	277	20.5	1.2	344						
23.8	0.53	288	22.5	btm							
27.1	0.31	245									
29.0	btm										

Table 84.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees
from magnetic North; btm, bottom]

Distance from left bank (feet)														
233			267			294			330			366		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.09	143	4.1	0.13	8	4.1	0.08	90	4.1	0.03	173	4.1	0.11	336
4.8 btm			5.2 btm			5.6 btm			6.1 btm			7.1 btm		

Table 84.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)—
Continued

Distance from left bank (feet)														
392			424			460			496			531		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.10	50	4.1	0.04	247	4.1	0.07	324	4.1	0.18	215	4.1	0.03	186
7.9 btm			8.6 btm			7.4	0.09	8	7.4	0.00	270	7.4	0.06	6
						8.8 btm			8.9 btm			8.8 btm		

Table 84.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)—
Continued

Distance from left bank (feet)														
556			588			622			660			692		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.22	248	4.1	0.14	264	4.1	0.11	218	4.1	0.28	266	4.1	0.12	315
7.4	0.08	56	7.4	0.06	79	7.4	0.10	62	7.4	0.04	333	7.9	btm	
8.8	btm		8.7	btm		8.4	btm		8.2	btm				

Table 84.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst) — Continued

Distance from left bank (feet)																								
721					758					786					822					856				
Dpth	Vel	Hdg	Dpth	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg					
4.1	0.28	274	4.1	0.17	270	4.1	0.43	249	4.1	0.52	250	4.1	0.27	306										
7.4	0.08	53	7.4	0.16	66	7.4	0.04	195	7.4	0.45	264	7.4	0.22	304										
7.8	btm		8.0	btm		10.1	btm		10.7	0.18	249	10.7	0.21	320										
									14.2	btm		16.5	btm											

Table 84.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)—Continued

Distance from left bank (feet)																			
889				922				951				983				1,016			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.42	267	4.1	0.63	250	4.1	0.83	247	4.1	0.72	251	4.1	0.79	255					
7.4	0.44	276	7.4	0.58	257	7.4	0.75	250	7.4	0.68	258	7.4	0.78	259					
10.7	0.46	285	10.7	0.56	267	10.7	0.76	250	10.7	0.63	259	10.7	0.80	259					
13.9	0.25	296	13.9	0.52	255	13.9	0.74	250	13.9	0.49	249	13.9	0.72	258					
17.3 btm			17.2	0.16	56	17.2	0.41	227	17.2	0.16	203	17.2	0.59	255					
			18.7 btm			20.6 btm			22.3 btm			20.5	0.18	200					
												24.3 btm							

Table 84.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst) — Continued

Distance from left bank (feet)																			
1,050				1,079				1,114				1,141				1,176			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.78	251	4.1	0.82	272	4.1	0.89	253	4.1	1.0	258	4.1	0.89	253					
7.4	0.78	256	7.4	0.82	276	7.4	0.97	256	7.4	1.0	260	7.4	0.97	261					
10.7	0.74	259	10.7	0.70	286	10.7	0.96	260	10.7	0.99	262	10.7	0.94	260					
13.9	0.68	258	13.9	0.74	280	13.9	0.96	260	13.9	0.96	262	13.9	0.85	261					
17.2	0.67	256	17.2	0.79	285	17.2	0.92	262	17.2	0.92	261	17.2	0.82	264					
20.5	0.51	250	20.5	0.63	276	20.5	0.78	259	20.5	0.94	261	20.5	0.83	264					
23.8	0.32	234	23.8	0.65	282	23.8	0.79	257	23.8	0.90	261	23.8	0.83	259					
29.0 btm			27.1	0.54	278	27.1	0.74	266	27.1	0.90	265	27.1	0.82	261					
			30.3	0.43	334	30.3	0.69	262	30.3	0.87	265	30.3	0.81	261					
			34.5 btm			33.6	0.46	272	33.6	0.75	266	33.6	0.76	266					
						36.9	0.09	209	36.9	0.44	264	36.9	0.67	277					
						38.8 btm			41.4 btm			40.2	0.07	253					
									42.9 btm										

Table 84.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)—
Continued

Distance from left bank (feet)											
1,377				1,403				1,434			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
4.1	0.81	264	4.1	0.69	260	4.1	0.80	4.1	0.73	262	4.1
7.4	0.93	263	7.4	0.78	260	7.4	0.90	7.4	0.80	262	7.4
10.7	0.95	263	10.7	0.89	264	10.7	0.92	10.7	0.81	268	10.7
13.9	1.0	263	13.9	0.90	265	13.9	0.92	13.9	0.85	266	13.9
17.2	1.0	264	17.2	0.89	263	17.2	0.95	17.2	0.86	269	17.2
20.5	0.99	265	20.5	0.89	265	20.5	0.93	20.5	0.91	271	20.5
23.8	1.0	264	23.8	0.86	267	23.8	0.96	23.8	0.86	272	23.8
27.1	0.95	266	27.1	0.82	269	27.1	0.90	27.1	0.81	267	27.1
30.3	0.92	269	30.3	0.82	272	30.3	0.86	30.3	0.75	270	30.3
33.6	0.90	270	33.6	0.80	271	33.6	0.84	33.6	0.82	274	33.6
36.9	0.85	270	36.9	0.70	270	36.9	0.83	36.9	0.77	276	36.9
40.2	0.78	276	40.2	0.67	274	40.2	0.82	40.2	0.71	278	40.2
43.5	0.54	275	43.5	0.56	279	43.5	0.67	43.5	0.45	266	43.5
46.8	0.09	229	46.8	btm		46.8	0.12	46.8	0.04	213	46.8
49.1	btm		49.4	btm		49.6	btm	50.5	btm		52.1
											btm
											0.38
											280

Table 84.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst) - Continued

Distance from left bank (feet)														
1,531			1,564			1,598			1,633			1,668		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.72	263	4.1	0.66	261	4.1	0.61	255	4.1	0.60	264	4.1	0.50	263
7.4	0.78	271	7.4	0.75	265	7.4	0.63	256	7.4	0.70	264	7.4	0.63	264
10.7	0.89	269	10.7	0.81	266	10.7	0.72	258	10.7	0.75	264	10.7	0.69	259
13.9	0.92	268	13.9	0.86	263	13.9	0.83	260	13.9	0.75	265	13.9	0.73	259
17.2	0.98	266	17.2	0.99	263	17.2	0.88	263	17.2	0.84	267	17.2	0.84	264
20.5	0.99	269	20.5	0.95	269	20.5	0.91	266	20.5	0.92	267	20.5	0.86	265
23.8	0.91	275	23.8	1.0	270	23.8	0.91	265	23.8	0.96	268	23.8	0.94	259
27.1	0.89	275	27.1	1.0	270	27.1	0.88	268	27.1	0.94	266	27.1	0.95	265
30.3	0.89	279	30.3	0.95	271	30.3	0.88	266	30.3	0.93	268	30.3	0.86	263
33.6	0.78	277	33.6	0.88	270	33.6	0.82	267	33.6	0.89	270	33.6	0.84	265
36.9	0.83	282	36.9	0.88	270	36.9	0.77	266	36.9	0.90	271	36.9	0.82	271
40.2	0.77	277	40.2	0.80	273	40.2	0.75	272	40.2	0.83	270	40.2	0.74	272
43.5	0.70	282	43.5	0.75	272	43.5	0.70	275	43.5	0.76	274	43.5	0.70	275
46.8	0.55	282	46.8	0.73	271	46.8	0.53	264	46.8	0.60	276	46.8	0.59	280
53.3 btm			50.0	0.13	274	50.0	0.04	243	50.0	0.15	270	50.0	0.14	285
			53.6 btm			54.1 btm			54.7 btm			54.0 btm		

Table 84.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst) — Continued

Distance from left bank (feet)																								
1,700					1,727					1,761					1,793					1,826				
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg				
4.1	0.57	261	4.1	0.51	267	4.1	0.48	263	4.1	0.55	263	4.1	0.55	263	4.1	0.57	270	4.1	0.57	270				
7.4	0.51	254	7.4	0.56	264	7.4	0.52	270	7.4	0.57	268	7.4	0.57	268	7.4	0.55	264	7.4	0.55	264				
10.7	0.65	260	10.7	0.56	273	10.7	0.55	261	10.7	0.65	267	10.7	0.65	267	10.7	0.54	264	10.7	0.54	264				
13.9	0.61	267	13.9	0.71	271	13.9	0.58	263	13.9	0.68	270	13.9	0.68	270	13.9	0.56	261	13.9	0.56	261				
17.2	0.74	268	17.2	0.72	269	17.2	0.64	269	17.2	0.69	269	17.2	0.69	269	17.2	0.57	264	17.2	0.57	264				
20.5	0.81	266	20.5	0.76	270	20.5	0.74	273	20.5	0.72	269	20.5	0.72	269	20.5	0.69	264	20.5	0.69	264				
23.8	0.88	274	23.8	0.79	272	23.8	0.80	271	23.8	0.75	272	23.8	0.75	272	23.8	0.64	266	23.8	0.64	266				
27.1	0.84	275	27.1	0.95	271	27.1	0.81	269	27.1	0.84	271	27.1	0.84	271	27.1	0.77	264	27.1	0.77	264				
30.3	0.88	271	30.3	0.92	278	30.3	0.85	276	30.3	0.83	274	30.3	0.83	274	30.3	0.79	274	30.3	0.79	274				
33.6	0.74	277	33.6	0.86	277	33.6	0.78	275	33.6	0.81	275	33.6	0.81	275	33.6	0.76	272	33.6	0.76	272				
36.9	0.88	274	36.9	0.69	281	36.9	0.74	278	36.9	0.70	278	36.9	0.70	278	36.9	0.77	275	36.9	0.77	275				
40.2	0.84	278	40.2	0.72	277	40.2	0.71	284	40.2	0.65	279	40.2	0.65	279	40.2	0.65	278	40.2	0.65	278				
43.5	0.76	280	43.5	0.65	284	43.5	0.58	276	43.5	0.30	285	43.5	0.30	285	43.5	0.22	280	43.5	0.22	280				
46.8	0.66	292	46.8	0.46	301	46.8	0.12	288	46.8	0.04	22	46.8	0.04	22	46.8	btm		46.8	btm					
50.0	0.07	322	51.3	btm		50.0	btm		50.0	btm		50.0	btm		50.0	btm		50.0	btm					
52.6	btm																							

Table 84.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst) - Continued

[illegible]

Table 84.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 07, 1992 (1433 pst)--
Continued

Distance from left bank (feet)									
2,165									
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
4.1	0.06	38							
6.25	btm								

Table 85.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst) — Continued

Distance from left bank (feet)														
460			495			527			561			593		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.5	314	4.1	1.5	311	4.1	1.5	312	4.1	1.5	316	4.1	1.5	311
7.4	1.5	312	7.4	1.5	311	7.4	1.5	314	7.4	1.5	318	7.4	1.5	312
10.7	1.5	315	10.7	1.5	312	10.7	1.5	310	10.7	1.5	318	10.7	1.5	313
13.9	1.5	314	13.9	1.5	316	13.9	1.3	311	13.9	1.3	315	13.9	1.4	314
17.2	1.3	317	17.2	1.4	316	17.2	1.2	313	17.2	1.3	315	17.2	1.3	314
20.5	1.2	317	20.5	1.3	316	20.5	1.2	315	20.5	1.3	314	20.5	1.3	316
23.8	1.0	320	23.8	1.2	318	23.8	1.2	317	23.8	1.2	317	23.8	1.2	319
27.1	1.0	320	27.1	1.2	325	27.1	1.1	320	27.1	1.2	320	27.1	1.1	321
30.3	0.53	322	30.3	0.64	321	30.3	0.55	313	30.3	0.77	319	30.3	1.1	319
35.0 btm			34.9 btm			33.6	0.18	152	33.6	0.18	309	33.6	0.50	317
						35.0 btm			36.0	btm				

Table 85.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst)--
Continued

Distance from left bank (feet)											
626				660				694			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
4.1	1.5	313	4.1	1.5	312	4.1	1.4	4.1	1.3	314	4.1
7.4	1.5	315	7.4	1.5	313	7.4	1.4	7.4	1.3	315	7.4
10.7	1.5	316	10.7	1.5	316	10.7	1.5	10.7	1.4	315	10.7
13.9	1.4	319	13.9	1.4	316	13.9	1.5	13.9	1.5	315	13.9
17.2	1.3	320	17.2	1.4	320	17.2	1.5	17.2	1.5	319	17.2
20.5	1.3	324	20.5	1.4	322	20.5	1.4	20.5	1.4	319	20.5
23.8	1.2	324	23.8	1.3	323	23.8	1.4	23.8	1.4	322	23.8
27.1	1.1	326	27.1	1.2	324	27.1	1.3	27.1	1.3	324	27.1
30.3	1.0	326	30.3	1.1	321	30.3	1.1	30.3	1.1	324	30.3
33.6	0.64	325	33.6	0.87	318	33.6	0.77	33.6	0.41	327	33.6
36.9	0.05	338	36.9	0.14	324	36.9	0.31	36.9	btm		35.6
38.8	btm		39.3	btm		38.7	btm	37.1	btm		btm

Table 85.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst)--
Continued

Distance from left bank (feet)																			
794				825				858				891				923			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.1	311	4.1	1.1	316	4.1	1.2	315	4.1	1.0	312	4.1	0.94	312	4.1	0.94	312		
7.4	1.2	311	7.4	1.2	316	7.4	1.2	314	7.4	1.1	311	7.4	1.0	317	7.4	1.0	317		
10.7	1.3	312	10.7	1.3	316	10.7	1.2	314	10.7	1.2	315	10.7	1.2	316	10.7	1.2	316		
13.9	1.3	312	13.9	1.3	317	13.9	1.3	317	13.9	1.3	315	13.9	1.2	318	13.9	1.2	318		
17.2	1.4	312	17.2	1.4	318	17.2	1.3	319	17.2	1.3	317	17.2	1.1	321	17.2	1.1	321		
20.5	1.2	314	20.5	1.3	319	20.5	1.2	318	20.5	1.1	314	20.5	1.0	323	20.5	1.0	323		
23.8	1.2	318	23.8	1.1	320	23.8	1.1	319	23.8	0.94	315	23.8	0.65	325	23.8	0.65	325		
27.1	1.1	317	27.1	0.93	323	27.1	0.57	324	27.1	0.17	307	27.1	0.06	23	27.1	0.06	23		
30.3	0.44	309	30.3	0.17	345	30.3	0.10	230	29.9	btm		28.5	btm		28.5	btm			
34.2	btm		32.8	btm		31.3	btm		31.3	btm									

Table 85.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 18, 1992 (1245 pst)—
Continued

Distance from left bank (feet)									
1,115					1,121				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth
4.1	0.54	322	4.1	0.55	324				
7.4	0.58	315	7.4	0.45	325				
10.7	0.58	314	10.7	0.69	22				
13.9	0.44	317	13.9	0.62	15				
17.2	0.43	351	14.2	btm					
21.7	btm								

Table 86.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)																					
94					129					159					189					227	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg				
4.1	0.75	291	4.1	1.1	301	4.1	1.5	308	4.1	1.7	310	4.1	1.9	306	4.1	1.9	306				
7.4	0.69	299	7.4	1.1	301	7.4	1.5	307	7.4	1.7	309	7.4	1.9	304	7.4	1.9	304				
10.7	0.48	308	10.7	0.91	302	10.7	1.4	308	10.7	1.5	309	10.7	1.9	302	10.7	1.9	302				
13.9	0.13	339	13.9	0.68	310	13.9	1.2	312	13.9	1.2	310	13.9	1.8	304	13.9	1.8	304				
16.0	btm		17.2	0.19	302	17.2	0.88	315	17.2	1.0	315	17.2	1.6	305	17.2	1.6	305				
			20.4	btm		20.5	0.15	355	20.5	0.39	318	20.5	1.3	305	20.5	1.3	305				
						22.2	btm		23.8	0.14	354	23.8	0.08	343	23.8	0.08	343				
									24.1	btm		25.9	btm		25.9	btm					

Table 86.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)—
Continued

Distance from left bank (feet)														
257			287			318			359			389		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	2.1	308	4.1	2.1	306	4.1	1.9	304	4.1	2.1	304	4.1	2.1	298
7.4	2.1	305	7.4	2.0	304	7.4	1.8	306	7.4	2.1	305	7.4	2.1	301
10.7	2.1	307	10.7	2.0	307	10.7	1.9	303	10.7	2.0	305	10.7	1.9	303
13.9	2.0	309	13.9	2.0	305	13.9	1.9	305	13.9	1.9	301	13.9	1.9	306
17.2	1.9	306	17.2	1.9	306	17.2	1.8	305	17.2	1.8	304	17.2	1.9	305
20.5	1.8	304	20.5	1.7	305	20.5	1.6	306	20.5	1.7	306	20.5	1.8	306
23.8	0.61	301	23.8	1.0	301	23.8	1.3	304	23.8	1.6	306	23.8	1.5	307
27.3 btm			27.1	0.17	276	27.1	0.13	204	27.1	0.69	303	27.1	1.0	308
			28.1 btm			29.1 btm			30.8	btm		30.3	0.03	168
												32.0	btm	

Table 86.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)—
Continued

Distance from left bank (feet)														
419			449			488			519			550		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	2.2	300	4.1	2.1	302	4.1	2.1	300	4.1	2.1	305	4.1	2.2	304
7.4	2.1	302	7.4	2.1	306	7.4	2.0	301	7.4	2.0	310	7.4	2.1	306
10.7	2.1	303	10.7	2.0	308	10.7	2.0	302	10.7	1.8	309	10.7	2.0	309
13.9	2.0	306	13.9	2.0	312	13.9	1.9	302	13.9	1.8	310	13.9	1.9	312
17.2	1.9	306	17.2	1.8	312	17.2	1.8	304	17.2	1.7	313	17.2	1.9	315
20.5	1.9	306	20.5	1.8	314	20.5	1.7	306	20.5	1.6	311	20.5	1.8	313
23.8	1.7	308	23.8	1.6	315	23.8	1.6	310	23.8	1.5	315	23.8	1.7	317
27.1	1.3	309	27.1	1.2	311	27.1	1.2	312	27.1	1.3	318	27.1	1.5	317
30.3	0.12	319	30.3	0.19	343	30.3	0.16	301	30.3	0.59	322	30.3	1.0	320
32.7 btm			32.9 btm			33.1 btm			33.6	0.21	116	33.6	0.11	308
									34.6 btm			35.7 btm		

Table 86.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)—
Continued

Distance from left bank (feet)														
581			622			654			685			716		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	2.2	305	4.1	2.0	305	4.1	1.8	305	4.1	1.8	303	4.1	1.8	306
7.4	2.0	307	7.4	2.0	305	7.4	1.9	308	7.4	1.9	305	7.4	1.9	307
10.7	1.9	308	10.7	1.9	308	10.7	1.8	305	10.7	1.8	306	10.7	1.9	308
13.9	1.7	310	13.9	1.8	310	13.9	1.8	309	13.9	1.7	310	13.9	1.8	311
17.2	1.7	312	17.2	1.7	313	17.2	1.6	313	17.2	1.7	310	17.2	1.7	313
20.5	1.5	312	20.5	1.6	316	20.5	1.6	314	20.5	1.6	314	20.5	1.7	314
23.8	1.4	315	23.8	1.5	317	23.8	1.5	315	23.8	1.4	316	23.8	1.5	316
27.1	1.3	316	27.1	1.4	315	27.1	1.3	315	27.1	1.3	316	27.1	1.2	316
30.3	1.2	317	30.3	1.3	317	30.3	0.84	313	30.3	0.36	317	30.3	0.16	338
33.6	0.15	301	33.6	0.25	321	33.6	0.09	302	33.5	btm		32.4	btm	
36.2	btm		36.3	btm		35.1	btm							

Table 86.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)—
Continued

Distance from left bank (feet)																			
748				781				814				846				878			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.7	309	4.1	1.6	313	4.1	1.8	311	4.1	1.7	308	4.1	1.6	315					
7.4	1.8	311	7.4	1.8	312	7.4	1.8	311	7.4	1.8	310	7.4	1.7	314					
10.7	1.9	314	10.7	1.9	314	10.7	1.9	314	10.7	1.8	310	10.7	1.7	316					
13.9	1.8	316	13.9	1.9	315	13.9	1.8	316	13.9	1.8	313	13.9	1.7	319					
17.2	1.7	315	17.2	1.8	317	17.2	1.8	317	17.2	1.7	314	17.2	1.5	317					
20.5	1.6	317	20.5	1.6	318	20.5	1.5	317	20.5	1.4	317	20.5	1.1	320					
23.8	1.4	319	23.8	1.3	321	23.8	0.97	321	23.8	0.45	314	23.8	0.25	303					
27.1	0.74	321	27.1	0.24	316	27.1	0.09	312	27.0	btm		25.7	btm						
30.3	0.27	311	29.8	btm		28.4	btm												
31.1	btm																		

Table 86.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)—
Continued

Distance from left bank (feet)											
910				942				982			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
4.1	1.4	319		4.1	1.3	318		4.1	1.2	316	
7.4	1.6	320		7.4	1.4	318		7.4	1.3	317	
10.7	1.6	320		10.7	1.5	317		10.7	1.3	316	
13.9	1.6	323		13.9	1.4	320		13.9	1.4	321	
17.2	1.3	323		17.2	1.2	320		17.2	1.2	322	
20.5	0.75	326		20.5	0.62	327		20.5	0.52	318	
23.8	0.07	278		23.9	btm			23.5	btm		
24.6	btm							23.4	btm		
								4.1	0.91	322	
								7.4	1.0	325	
								10.7	1.0	325	
								13.9	1.1	328	
								17.2	0.99	330	
								20.5	0.41	320	
								22.9	btm		
								4.1	0.86	323	
								7.4	0.97	322	
								10.7	1.0	323	
								13.9	0.93	325	
								17.2	0.78	324	
								20.5	0.31	316	

Table 86.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 19, 1992 (1317 pst)--
Continued

Distance from left bank (feet)									
1,068									
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
4.1	0.52	289							
7.4	0.61	301							
10.7	0.55	305							
13.9	0.45	313							
17.2	0.29	327							
18.3	btm								

Table 87.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)																			
99				125				162				191				228			
Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.82	294	4.1	1.1	319	4.1	1.1	312	4.1	1.1	316	4.1	1.2	310					
7.4	0.75	295	7.4	1.1	319	7.4	1.0	314	7.4	1.1	315	7.4	1.1	308					
10.7	0.67	296	10.7	1.1	317	10.7	0.97	317	10.7	1.1	317	10.7	1.1	313					
13.9	0.38	302	13.9	1.0	315	13.9	0.94	312	13.9	0.99	315	13.9	1.0	312					
17.2	0.17	349	17.2	0.81	309	17.2	0.86	314	17.2	1.0	316	17.2	0.94	312					
18.2 btm			20.5	0.04	329	20.5	0.04	239	20.5	0.26	316	20.5	0.79	316					
			22.6 btm			24.0 btm			25.6 btm			23.8	0.11	169					
												27.2 btm							

Table 87.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst) -- Continued

Distance from left bank (feet)											
419				452				495			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
4.1	1.4	315	4.1	1.4	312	4.1	1.4	4.1	1.3	315	4.1
7.4	1.3	318	7.4	1.4	315	7.4	1.4	7.4	1.3	318	7.4
10.7	1.3	320	10.7	1.3	313	10.7	1.3	10.7	1.3	317	10.7
13.9	1.3	317	13.9	1.2	314	13.9	1.3	13.9	1.2	319	13.9
17.2	1.3	320	17.2	1.2	314	17.2	1.2	17.2	1.3	318	17.2
20.5	1.2	322	20.5	1.1	316	20.5	1.1	20.5	1.2	318	20.5
23.8	1.1	325	23.8	1.1	316	23.8	0.99	23.8	1.1	320	23.8
27.1	0.72	327	27.1	0.78	323	27.1	0.79	27.1	0.87	323	27.1
30.3	0.13	325	30.3	0.23	316	30.3	0.22	30.3	0.25	322	30.3
33.2 btm			33.6 btm			33.7 btm		34.1 btm			33.6
											36.1 btm
											11
											11

Table 87.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst)—
Continued

Distance from left bank (feet)														
590			622			653			683			723		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.2	312	4.1	1.3	313	4.1	1.3	307	4.1	1.3	306	4.1	1.2	311
7.4	1.2	313	7.4	1.3	312	7.4	1.3	309	7.4	1.3	308	7.4	1.3	312
10.7	1.2	317	10.7	1.2	314	10.7	1.3	310	10.7	1.3	309	10.7	1.3	313
13.9	1.2	318	13.9	1.2	313	13.9	1.3	313	13.9	1.3	310	13.9	1.3	316
17.2	1.2	316	17.2	1.2	317	17.2	1.2	314	17.2	1.2	313	17.2	1.3	317
20.5	1.0	315	20.5	1.0	316	20.5	1.2	316	20.5	1.2	315	20.5	1.2	312
23.8	0.95	317	23.8	1.0	322	23.8	1.1	314	23.8	1.1	313	23.8	1.1	313
27.1	0.89	319	27.1	0.93	323	27.1	1.1	317	27.1	1.1	314	27.1	1.0	314
30.3	0.80	318	30.3	0.93	323	30.3	1.1	319	30.3	0.99	315	30.3	0.93	319
33.6	0.30	313	33.6	0.44	327	33.6	0.68	315	33.6	0.51	327	33.6	0.13	344
37.9 btm			36.9	0.10	88	36.9	0.02	30	36.9	0.05	65	36.5	btm	
			38.3 btm			38.3 btm			38.0 btm					

Table 87.--Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst)--
Continued

Distance from left bank (feet)											
754			784			814			884		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.2	310	4.1	1.2	311	4.1	1.1	307	4.1	1.0	311
7.4	1.3	309	7.4	1.2	312	7.4	1.1	307	7.4	1.1	310
10.7	1.3	313	10.7	1.2	314	10.7	1.2	310	10.7	1.2	312
13.9	1.3	313	13.9	1.2	317	13.9	1.2	312	13.9	1.1	314
17.2	1.2	315	17.2	1.2	316	17.2	1.1	312	17.2	1.1	317
20.5	1.1	317	20.5	1.1	315	20.5	1.0	314	20.5	0.92	318
23.8	1.1	316	23.8	0.99	318	23.8	0.91	316	23.8	0.70	320
27.1	0.95	317	27.1	0.74	318	27.1	0.28	322	27.1	0.07	13
30.3	0.54	324	30.3	0.24	343	30.3	0.06	338	27.1	0.14	104
33.6	0.03	78	33.5 btm			30.3	0.06	338	29.0	btm	
34.9	btm					32.1 btm			30.5	btm	

Table 87.—Velocity profiles for Lower Granite Reservoir at Snake River mile 130.66 on March 20, 1992 (0832 pst)—
Continued

Distance from left bank (feet)									
1,081					1,109				
Dpth	Vel	Hdg	Dpth	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
4.1	0.47	327	4.1	0.48	332				
7.4	0.53	327	7.4	0.54	334				
10.7	0.54	324	10.7	0.56	334				
13.9	0.60	327	13.9	0.49	6				
17.2	0.53	334	18.6	btm					
20.5	0.16	351							
23.0	btm								

Table 88.--Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
59			86			125			154			185		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.1	52	4.1	0.23	322	4.1	0.36	345	4.1	0.24	324	4.1	0.42	337
7.4	btm		7.4	0.16	323	7.4	0.26	325	7.4	0.35	333	7.4	0.51	331
			10.7	0.16	59	10.7	0.25	347	10.7	0.33	318	10.7	0.41	337
			13.3	btm		13.9	0.19	348	13.9	0.20	334	13.9	0.36	346
						19.5	btm		17.2	0.36	330	17.2	0.32	349
									20.5	0.12	14	20.5	0.30	342
									25.0	btm		23.8	0.29	343
												30.5	btm	

Table 88.—Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)—Continued

Distance from left bank (feet)																			
223				252				290				318				393			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.42	331	4.1	0.66	330	4.1	0.65	319	4.1	0.71	320	4.1	0.70	318					
7.4	0.44	325	7.4	0.59	333	7.4	0.54	331	7.4	0.66	324	7.4	0.62	319					
10.7	0.42	326	10.7	0.60	341	10.7	0.59	325	10.7	0.57	325	10.7	0.55	320					
13.9	0.41	327	13.9	0.56	340	13.9	0.63	323	13.9	0.64	322	13.9	0.60	322					
17.2	0.37	319	17.2	0.66	342	17.2	0.54	331	17.2	0.64	318	17.2	0.67	318					
20.5	0.37	336	20.5	0.64	333	20.5	0.55	326	20.5	0.53	322	20.5	0.68	330					
23.8	0.42	332	23.8	0.56	330	23.8	0.54	330	23.8	0.62	327	23.8	0.62	323					
27.1	0.39	312	27.1	0.50	342	27.1	0.54	330	27.1	0.54	334	27.1	0.54	319					
30.3	0.24	322	30.3	0.62	338	30.3	0.50	316	30.3	0.53	324	30.3	0.60	326					
36.5	btm		33.6	0.56	334	33.6	0.48	303	33.6	0.46	312	33.6	0.58	331					
			36.9	0.26	356	36.9	0.48	305	36.9	0.36	342	36.9	0.43	339					
			41.2	btm		40.2	0.30	311	40.2	0.45	325	40.2	0.39	328					
						43.5	0.05	219	43.5	0.28	301	43.5	0.22	307					
						44.7	btm		46.8	0.12	61	46.8	0.16	10					
									47.1	btm		48.4	btm						

Table 88.--Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)--
Continued

Distance from left bank (feet)																					
387					414					450					478					516	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg				
4.1	0.73	319	4.1	0.84	313	4.1	0.92	317	4.1	0.94	314	4.1	0.94	314	4.1	0.97	325				
7.4	0.72	315	7.4	0.73	315	7.4	0.92	316	7.4	0.84	310	7.4	0.84	310	7.4	0.91	322				
10.7	0.71	317	10.7	0.69	318	10.7	0.82	317	10.7	0.84	314	10.7	0.84	314	10.7	0.92	332				
13.9	0.83	322	13.9	0.74	317	13.9	0.91	313	13.9	0.93	319	13.9	0.93	319	13.9	0.87	326				
17.2	0.74	317	17.2	0.75	313	17.2	0.82	320	17.2	0.87	315	17.2	0.87	315	17.2	0.97	326				
20.5	0.73	318	20.5	0.74	312	20.5	0.69	321	20.5	0.83	311	20.5	0.83	311	20.5	0.89	335				
23.8	0.65	320	23.8	0.76	323	23.8	0.63	316	23.8	0.74	312	23.8	0.74	312	23.8	0.82	331				
27.1	0.65	315	27.1	0.76	323	27.1	0.56	303	27.1	0.66	317	27.1	0.66	317	27.1	0.73	334				
30.3	0.61	326	30.3	0.67	324	30.3	0.61	314	30.3	0.66	317	30.3	0.66	317	30.3	0.82	330				
33.6	0.58	319	33.6	0.68	313	33.6	0.74	315	33.6	0.64	327	33.6	0.64	327	33.6	0.82	330				
36.9	0.60	325	36.9	0.51	322	36.9	0.70	321	36.9	0.59	326	36.9	0.59	326	36.9	0.74	334				
40.2	0.44	326	40.2	0.28	322	40.2	0.59	318	40.2	0.51	330	40.2	0.51	330	40.2	0.63	338				
43.5	0.35	320	43.5	0.38	301	43.5	0.51	313	43.5	0.45	319	43.5	0.45	319	43.5	0.54	345				
46.8	0.05	296	46.8	0.11	270	46.8	0.13	299	46.8	0.17	328	46.8	0.17	328	46.8	0.20	346				
49.1 btm			49.4 btm			49.4 btm			49.4 btm			49.4 btm			49.2 btm						

Table 88.—Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)—
Continued

Distance from left bank (feet)											
545				584				614			
								642			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
4.1	0.93	325		4.1	1.0	323		4.1	0.86	321	
7.4	0.98	328		7.4	1.0	321		7.4	0.91	321	
10.7	1.0	324		10.7	0.97	323		10.7	0.96	327	
13.9	0.96	328		13.9	0.96	323		13.9	0.96	330	
17.2	0.92	329		17.2	0.90	323		17.2	0.91	329	
20.5	0.87	326		20.5	0.86	323		20.5	0.94	332	
23.8	0.84	325		23.8	0.94	326		23.8	0.85	326	
27.1	0.91	329		27.1	0.88	331		27.1	0.79	334	
30.3	0.88	335		30.3	0.78	325		30.3	0.79	329	
33.6	0.76	327		33.6	0.75	329		33.6	0.78	324	
36.9	0.69	336		36.9	0.70	329		36.9	0.72	326	
40.2	0.66	333		40.2	0.67	326		40.2	0.65	334	
43.5	0.44	318		43.5	0.33	323		43.5	0.41	327	
46.8	0.07	0		46.8	0.06	36		46.8	0.09	138	
48.9 btm				48.4 btm				47.9 btm			
								47.5 btm			
								4.1	0.90	324	
								7.4	0.91	325	
								10.7	0.86	326	
								13.9	0.85	330	
								17.2	0.75	336	
								20.5	0.76	336	
								23.8	0.78	336	
								27.1	0.73	342	
								30.3	0.76	333	
								33.6	0.79	321	
								36.9	0.66	327	
								40.2	0.63	327	
								43.5	0.28	325	
								46.8	0.16	152	
								46.8 btm			
								4.1	0.92	318	
								7.4	0.86	322	
								10.7	0.86	325	
								13.9	0.91	327	
								17.2	0.90	326	
								20.5	0.82	321	
								23.8	0.77	324	
								27.1	0.74	324	
								30.3	0.72	321	
								33.6	0.69	325	
								36.9	0.65	325	
								40.2	0.58	325	
								43.5	0.28	347	
								46.8 btm			

Table 88.—Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst) — Continued

[illegible]

Table 88.—Velocity profiles for Lower Granite Reservoir at Snake River mile 126.07 on March 25, 1992 (1013 pst)—Continued

Distance from left bank (feet)																								
1,201					1,230					1,266					1,294					1,333				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth	Vel	Hdg							
4.1	0.42	324	4.1	0.31	332	4.1	0.40	305	4.1	0.15	284	4.1	0.09	337										
7.4	0.32	328	7.4	0.36	317	7.4	0.32	312	7.4	0.08	272	7.4	0.09	0										
10.7	0.29	325	10.7	0.39	310	10.7	0.32	321	10.7	0.08	324	10.7	0.13	29										
13.9	0.37	310	13.9	0.38	308	13.9	0.40	322	13.9	0.24	291	13.9	0.71	25										
17.2	0.36	321	17.2	0.36	320	17.2	0.39	322	17.2	0.10	327	16.3	btm											
20.5	0.41	322	20.5	0.38	313	20.5	0.31	307	23.5	btm														
23.8	0.34	320	23.8	0.32	320	23.8	0.16	352																
27.1	0.17	1	27.1	0.04	22	27.0	btm																	
30.4	btm		28.9	btm																				

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees
from magnetic North; btm, bottom]

Distance from left bank (feet)														
132			166			197			229			264		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.18	105	5.7	0.30	63	5.7	0.36	63	5.7	0.15	45	5.7	0.10	95
12.3	0.11	115	12.3	0.07	66	12.3	0.14	55	12.3	0.07	331	13.8	btm	
14.5	btm		17.0	btm		17.6	btm		16.1	btm				

Table 89.-Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)-
Continued

Distance from left bank (feet)									
290		330		357		384		424	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
5.7	0.22	91	5.7	0.16	77	5.7	0.19	5.7	0.21
12.3	0.18	159	12.3	0.02	248	12.3	0.10	12.3	0.18
14.0	btm		17.1	btm		18.9	0.09	18.9	0.07
						20.9	btm	23.7	btm

Table 89.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)—
Continued

Distance from left bank (feet)																			
452				479				520				546				587			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.18	80		5.7	0.21	80		5.7	0.14	132		5.7	0.14	155		5.7	0.13	171	
12.3	0.15	64		12.3	0.27	73		12.3	0.18	111		12.3	0.15	127		12.3	0.16	130	
18.9	0.09	79		18.9	0.19	67		18.9	0.13	109		18.9	0.16	141		18.9	0.19	125	
26.0 btm				25.4	0.12	106		25.4	0.08	194		25.4	0.09	226		25.4	0.06	206	
				26.7 btm				27.6 btm				28.5 btm				29.5 btm			

Table 89.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)—
Continued

Distance from left bank (feet)																			
614				642				684				713				741			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.13	143	5.7	0.13	110	5.7	0.13	117	5.7	0.12	99	5.7	0.14	111					
12.3	0.18	115	12.3	0.18	103	12.3	0.17	101	12.3	0.19	93	12.3	0.20	112					
18.9	0.23	109	18.9	0.25	103	18.9	0.23	99	18.9	0.30	92	18.9	0.24	119					
25.4	0.06	113	25.4	0.13	91	25.4	0.16	93	25.4	0.25	93	25.4	0.31	117					
30.8 btm			32.0	btm		32.0	0.03	138	32.0	0.08	28	32.0	0.11	121					
						33.9 btm			35.7 btm			37.2 btm							

Table 89.--Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)--
Continued

Distance from left bank (feet)																
785				814				843				872				916
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg
5.7	0.18	101	5.7	0.06	125	5.7	0.09	142	5.7	0.07	74	5.7	0.11	153		
12.3	0.21	96	12.3	0.15	113	12.3	0.11	116	12.3	0.12	88	12.3	0.13	128		
18.9	0.29	106	18.9	0.21	102	18.9	0.17	125	18.9	0.13	96	18.9	0.15	127		
25.4	0.30	106	25.4	0.25	108	25.4	0.21	121	25.4	0.19	102	25.4	0.16	131		
32.0	0.15	101	32.0	0.22	119	32.0	0.21	124	32.0	0.18	104	32.0	0.17	134		
39.2 btm			38.6	0.07	200	38.6	0.11	142	38.6	0.19	98	38.6	0.19	131		
			41.8 btm			45.9 btm			45.1	0.05	86	45.1	0.20	132		
									50.9 btm			51.7	0.16	190		
												56.7 btm				

Table 89.--Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst) - Continued

Distance from left bank (feet)																	
1,267				1,638				1,666				1,707				1,734	
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg			
5.7	0.20	9		5.7	0.04	169		5.7	0.04	138		5.7	0.04	149		5.7	
12.3	0.17	23		12.3	0.04	221		12.3	0.07	174		12.3	0.04	195		12.3	
18.9	0.16	15		18.9	0.05	222		18.9	0.08	139		18.9	0.09	195		18.9	
25.4	0.17	15		25.4	0.06	180		25.4	0.09	129		25.4	0.08	189		25.4	
32.0	0.18	22		32.0	0.08	184		32.0	0.10	141		32.0	0.07	204		32.0	
38.6	0.17	25		38.6	0.02	153		38.6	0.08	165		38.6	0.08	182		38.6	
45.1	0.17	17		45.1	0.04	153		45.1	0.10	153		45.1	0.09	186		45.1	
51.7	0.17	23		51.7	0.05	198		51.7	0.08	159		51.7	0.09	160		51.7	
58.2	0.15	28		58.2	0.04	194		58.2	0.06	215		58.2	0.06	154		58.2	
64.8	0.15	25		64.8	0.06	190		64.8	0.07	177		64.8	0.10	150		64.8	
71.4	0.19	52		71.4	0.03	320		71.4	0.08	200		84.7	btm			79.4	
77.9	0.16	161		77.9	0.07	163		88.3	btm							btm	
85.8	btm.			84.5	0.06	308											
				91.6	btm												

Table 89.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst) — Continued

Distance from left bank (feet)														
1,930			1,967			1,990			2,024			2,052		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.03	18	5.7	0.06	96	5.7	0.11	132	5.7	0.02	168	5.7	0.10	176
12.3	0.05	227	12.3	0.07	142	12.3	0.12	147	12.3	0.03	159	12.3	0.14	190
18.9	0.07	193	18.9	0.06	149	18.9	0.11	141	18.9	0.05	262	18.9	0.11	185
25.4	0.04	192	25.4	0.11	128	25.4	0.15	145	25.4	0.05	248	25.4	0.09	227
32.0	0.08	194	32.0	0.11	132	32.0	0.16	143	32.0	0.06	243	40.9	btm	
38.6	0.10	217	38.6	0.11	202	38.6	0.18	177	38.6	0.13	235			
45.1	0.09	184	45.1	0.08	158	45.1	0.15	145	47.0	btm				
51.1	btm		50.5	btm		50.0	btm							

Table 89.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on February 27, 1992 (1122 pst)—
Continued

Distance from left bank (feet)									
2,070				2,078				2,089	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
5.7	0.21	302	5.7	0.05	45	5.7	0.07	7	
12.3	0.22	299	14.3	btm		9.4	btm		
26.1	btm								

Table 90.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from right bank (feet)														
101			137			161			201			228		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth		
5.7	0.49	272	5.7	0.33	303	5.7	0.37	298	5.7	0.39	296	5.7	0.36	307
12.3	0.47	270	12.3	0.34	303	12.3	0.38	297	12.3	0.38	296	12.3	0.35	310
18.9	0.43	258	18.9	0.32	299	18.9	0.34	287	18.9	0.36	298	18.9	0.39	307
25.4	0.45	239	25.4	0.24	281	25.4	0.32	282	25.4	0.34	285	25.4	0.37	297
32.4 btm			32.0	0.22	231	32.0	0.14	247	32.0	0.12	252	32.0	0.03	324
			36.8 btm			38.2 btm			38.4 btm			38.5 btm		

Table 90.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)—
Continued

Distance from right bank (feet)																													
256						298						326						355						398					
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg						
5.7	0.43	311	5.7	0.55	302	5.7	0.41	302	5.7	0.49	301	5.7	0.52	304	5.7	0.52	304	5.7	0.52	304	5.7	0.52	304						
12.3	0.43	307	12.3	0.50	299	12.3	0.38	302	12.3	0.48	299	12.3	0.48	299	12.3	0.48	299	12.3	0.48	299	12.3	0.48	299						
18.9	0.42	304	18.9	0.47	300	18.9	0.41	305	18.9	0.47	295	18.9	0.47	295	18.9	0.47	295	18.9	0.47	295	18.9	0.47	295						
25.4	0.36	303	25.4	0.48	297	25.4	0.43	305	25.4	0.54	298	25.4	0.54	298	25.4	0.54	298	25.4	0.54	298	25.4	0.54	298						
32.0	0.13	274	32.0	0.34	290	32.0	0.41	300	32.0	0.50	299	32.0	0.50	299	32.0	0.50	299	32.0	0.50	299	32.0	0.50	299						
38.6	0.05	126	38.6	0.12	245	38.6	0.14	266	38.6	0.47	300	38.6	0.47	300	38.6	0.47	300	38.6	0.47	300	38.6	0.47	300						
39.6 btm			42.0 btm			47.1 btm			45.1	0.34	248	51.7	0.46	302	51.7	0.46	302	51.7	0.46	302	51.7	0.46	302						
									52.1 btm			60.0 btm			60.0 btm			60.0 btm			60.0 btm								

Table 90.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst) — Continued

Distance from right bank (feet)																			
428				459				490				522				554			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.38	319		5.7	0.50	305		5.7	0.53	303		5.7	0.53	290		5.7	0.43	300	
12.3	0.42	316		12.3	0.47	305		12.3	0.54	309		12.3	0.55	294		12.3	0.49	301	
18.9	0.41	319		18.9	0.55	305		18.9	0.60	307		18.9	0.61	297		18.9	0.53	305	
25.4	0.45	314		25.4	0.54	301		25.4	0.59	302		25.4	0.61	299		25.4	0.55	308	
32.0	0.49	314		32.0	0.53	304		32.0	0.58	305		32.0	0.64	300		32.0	0.59	304	
38.6	0.46	312		38.6	0.51	308		38.6	0.52	305		38.6	0.63	305		38.6	0.57	305	
45.1	0.40	314		45.1	0.51	301		45.1	0.49	301		45.1	0.59	298		45.1	0.55	305	
51.7	0.30	312		51.7	0.43	302		51.7	0.47	293		51.7	0.55	296		51.7	0.45	302	
58.2	0.22	344		58.2	0.33	296		58.2	0.42	291		58.2	0.50	293		58.2	0.46	306	
70.5 btm				64.8	0.22	290		64.8	0.40	292		64.8	0.44	290		64.8	0.42	303	
				71.9 btm				71.4	0.27	246		71.4	0.32	259		71.4	0.33	303	
								76.3 btm				82.8 btm				77.9	0.22	264	
																86.6 btm			

Table 90.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst) — Continued

Distance from right bank (feet)														
585			617			649			680			712		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.63	274	5.7	0.52	291	5.7	0.40	303	5.7	0.51	305	5.7	0.56	293
12.3	0.59	276	12.3	0.52	291	12.3	0.38	291	12.3	0.59	300	12.3	0.50	292
18.9	0.60	281	18.9	0.54	289	18.9	0.38	284	18.9	0.58	297	18.9	0.54	291
25.4	0.63	287	25.4	0.55	294	25.4	0.41	286	25.4	0.59	299	25.4	0.57	291
32.0	0.70	290	32.0	0.61	299	32.0	0.51	302	32.0	0.60	299	32.0	0.64	290
38.6	0.71	292	38.6	0.64	297	38.6	0.53	301	38.6	0.60	294	38.6	0.69	291
45.1	0.68	291	45.1	0.60	304	45.1	0.51	302	45.1	0.73	300	45.1	0.74	287
51.7	0.63	284	51.7	0.57	313	51.7	0.59	302	51.7	0.68	303	51.7	0.79	280
58.2	0.60	284	58.2	0.62	298	58.2	0.56	299	58.2	0.72	301	58.2	0.73	288
64.8	0.62	283	64.8	0.55	303	64.8	0.47	299	64.8	0.69	305	64.8	0.63	292
71.4	0.57	281	71.4	0.47	293	71.4	0.57	296	71.4	0.55	300	71.4	0.60	289
77.9	0.47	285	77.9	0.44	303	77.9	0.48	293	77.9	0.53	289	77.9	0.51	285
89.3 btm			84.5	0.31	257	84.5	0.23	240	84.5	0.12	285	84.5	0.08	233
			91.4 btm			91.0	0.10	116	91.0	0.01	236	90.4	btm	
						92.0 btm			91.8	btm				

Table 90.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst) — Continued

Distance from right bank (feet)																			
759				790				820				851				881			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.58	292	5.7	0.51	303	5.7	0.54	322	5.7	0.50	302	5.7	0.50	302	5.7	0.50	301		
12.3	0.58	296	12.3	0.55	303	12.3	0.55	322	12.3	0.53	301	12.3	0.53	301	12.3	0.48	299		
18.9	0.62	295	18.9	0.57	302	18.9	0.56	321	18.9	0.52	304	18.9	0.52	304	18.9	0.49	301		
25.4	0.65	298	25.4	0.57	305	25.4	0.53	322	25.4	0.51	311	25.4	0.51	311	25.4	0.51	303		
32.0	0.66	297	32.0	0.58	307	32.0	0.56	325	32.0	0.49	306	32.0	0.49	306	32.0	0.51	309		
38.6	0.67	296	38.6	0.58	306	38.6	0.55	318	38.6	0.53	300	38.6	0.53	300	38.6	0.47	302		
45.1	0.66	297	45.1	0.56	307	45.1	0.54	318	45.1	0.52	303	45.1	0.52	303	45.1	0.44	308		
51.7	0.63	297	51.7	0.53	305	51.7	0.53	318	51.7	0.52	302	51.7	0.52	302	51.7	0.44	297		
58.2	0.59	297	58.2	0.54	303	58.2	0.48	316	58.2	0.50	297	58.2	0.50	297	58.2	0.42	294		
64.8	0.64	293	64.8	0.53	301	64.8	0.50	318	64.8	0.42	298	64.8	0.42	298	64.8	0.39	299		
71.4	0.61	289	71.4	0.50	295	71.4	0.48	318	71.4	0.37	296	71.4	0.37	296	71.4	0.20	295		
77.9	0.44	272	77.9	0.23	284	77.9	0.18	356	77.9	0.05	315	77.9	0.05	315	77.9	0.12	122		
84.5	0.05	245	84.5	0.11	93	85.0	btm		83.1	btm		80.8	btm		80.8	btm			
88.5	btm		86.5	btm															

Table 90.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)—
Continued

Distance from right bank (feet)																			
911				942				989				1,020				1,050			

Table 90.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst) — Continued

[illegible]

Table 90.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 07, 1992 (1135 pst)—
Continued

Distance from right bank (feet)															
1,401				1,440				1,469				1,486			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.17	228		5.7	0.08	0		5.7	0.19	270		5.7	0.01	45	
12.3	0.19	217		12.3	0.09	248		12.3	0.14	245		12.3	0.06	83	
18.9	0.14	192		18.9	0.03	336		18.9	btm			14.6	btm		
24.6	btm			22.0	btm										

Table 91.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
88			121			156			190			226		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.04	138	5.7	0.13	338	5.7	0.30	327	5.7	0.42	321	5.7	0.41	323
8.5	btm		12.0	btm		12.3	0.07	311	12.3	0.37	319	12.3	0.39	324
						19.0	btm		18.9	0.14	318	18.9	0.35	327
									25.0	btm		25.4	0.12	340
												31.7	btm	

Table 91.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)—
Continued

Distance from left bank (feet)														
251			288			325			350			388		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.41	317	5.7	0.47	318	5.7	0.44	327	5.7	0.53	322	5.7	0.48	326
12.3	0.42	319	12.3	0.45	319	12.3	0.42	322	12.3	0.55	316	12.3	0.50	323
18.9	0.39	317	18.9	0.44	315	18.9	0.42	319	18.9	0.52	316	18.9	0.51	318
25.4	0.33	315	25.4	0.44	315	25.4	0.36	321	25.4	0.49	315	25.4	0.47	318
32.0	0.05	64	32.0	0.20	312	32.0	0.25	320	32.0	0.46	317	32.0	0.44	317
35.8 btm			38.6	0.15	61	38.6	0.09	81	38.6	0.08	347	38.6	0.15	319
			38.8 btm			41.3 btm			43.2 btm			45.2 btm		

Table 91.--Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst) - Continued

Distance from left bank (feet)																			
423				447				484				522				547			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.52	311		5.7	0.47	305		5.7	0.56	317		5.7	0.55	325		5.7	0.54	313	
12.3	0.55	308		12.3	0.49	308		12.3	0.55	318		12.3	0.54	324		12.3	0.55	313	
18.9	0.55	305		18.9	0.52	306		18.9	0.58	316		18.9	0.54	319		18.9	0.52	311	
25.4	0.55	304		25.4	0.48	306		25.4	0.53	313		25.4	0.53	319		25.4	0.52	309	
32.0	0.48	299		32.0	0.43	301		32.0	0.52	307		32.0	0.52	314		32.0	0.53	304	
38.6	0.32	302		38.6	0.37	302		38.6	0.47	305		38.6	0.47	315		38.6	0.49	302	
45.1	0.00	225		45.1	0.07	237		45.1	0.22	309		45.1	0.39	320		45.1	0.41	302	
47.6 btm				49.8 btm				51.7	0.12	45		51.7	0.11	28		51.7	0.23	299	
								52.6 btm				56.2 btm				58.2	0.03	54	
																59.6 btm			

Table 91.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst) — Continued

Distance from left bank (feet)																			
585				623				649				689				715			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.59	321	5.7	0.58	318	5.7	0.62	321	5.7	0.56	321	5.7	0.61	323					
12.3	0.56	317	12.3	0.57	315	12.3	0.61	318	12.3	0.56	319	12.3	0.58	320					
18.9	0.58	317	18.9	0.58	315	18.9	0.65	316	18.9	0.55	315	18.9	0.59	317					
25.4	0.57	314	25.4	0.57	312	25.4	0.62	313	25.4	0.55	313	25.4	0.59	313					
32.0	0.57	312	32.0	0.55	308	32.0	0.62	309	32.0	0.54	307	32.0	0.58	315					
38.6	0.56	312	38.6	0.56	308	38.6	0.58	314	38.6	0.53	309	38.6	0.57	312					
45.1	0.51	308	45.1	0.54	306	45.1	0.54	309	45.1	0.50	308	45.1	0.59	311					
51.7	0.44	316	51.7	0.50	307	51.7	0.51	309	51.7	0.51	304	51.7	0.59	309					
58.2	0.07	41	58.2	0.26	306	58.2	0.42	314	58.2	0.45	308	58.2	0.53	313					
62.7 btm			64.8	0.10	90	64.8	0.07	29	64.8	0.07	270	64.8	0.23	306					
			65.9 btm			68.0 btm			69.7 btm			71.4 btm							

Table 91.--Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)--
Continued

Distance from left bank (feet)																			
742				783				809				848				873			

Table 91.--Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst) - Continued

Distance from left bank (feet)																			
912				949				974				1,011				1,047			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.57	321		5.7	0.59	320		5.7	0.68	321		5.7	0.67	321		5.7	0.63	317	
12.3	0.59	320		12.3	0.60	318		12.3	0.66	319		12.3	0.68	318		12.3	0.64	312	
18.9	0.62	318		18.9	0.59	315		18.9	0.64	317		18.9	0.66	315		18.9	0.63	308	
25.4	0.62	317		25.4	0.58	315		25.4	0.62	318		25.4	0.64	313		25.4	0.63	307	
32.0	0.56	317		32.0	0.51	316		32.0	0.60	315		32.0	0.61	310		32.0	0.61	306	
38.6	0.57	312		38.6	0.55	314		38.6	0.58	313		38.6	0.59	308		38.6	0.58	306	
45.1	0.53	307		45.1	0.55	311		45.1	0.56	313		45.1	0.52	306		45.1	0.36	301	
51.7	0.55	311		51.7	0.47	309		51.7	0.58	315		51.7	0.36	312		51.7	0.26	304	
58.2	0.50	311		58.2	0.28	318		58.2	0.15	315		58.2	0.02	26		57.7	btm		
64.8	0.23	318		64.8	0.11	345		64.8	0.05	50		62.4	btm						
73.6	btm			69.5	btm			65.2	btm										

Table 91.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst) — Continued

[illegible]

Table 91.--Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 20, 1992 (0928 pst)--
Continued

Distance from left bank (feet)																			
1,245				1,267				1,302				1,336				1,367			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.62	317	5.7	0.55	317	5.7	0.50	318	5.7	0.70	317	5.7	0.53	305					
12.3	0.50	313	12.3	0.47	309	12.3	0.41	310	12.3	0.63	310	12.3	0.19	280					
18.9	0.12	328	18.9	0.06	308	18.9	0.02	101	18.9	0.16	309	18.9	0.27	221					
26.4 btm			25.5 btm			25.0 btm			24.6 btm			19.7 btm							

Table 92.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
74			109			146			175			205		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.1	65	4.1	0.32	346	4.1	0.33	318	4.1	0.42	308	4.1	0.29	319
4.9	btm		7.4	0.25	23	7.4	0.32	323	7.4	0.40	325	7.4	0.28	307
			10.2	btm		10.7	0.23	320	10.7	0.50	315	10.7	0.31	294
						13.9	0.26	324	13.9	0.26	295	13.9	0.36	296
						18.8	btm		17.2	0.22	346	17.2	0.18	325
									20.5	0.28	302	20.5	0.22	324
									25.6	btm		23.8	0.14	266
												30.0	btm	

Table 92.--Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)--
Continued

Distance from left bank (feet)																													
736						767						798						830						863					
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg									
4.1	0.70	328	4.1	0.72	321	4.1	0.70	325	4.1	0.73	325	4.1	0.73	325	4.1	0.77	327												
7.4	0.69	326	7.4	0.65	314	7.4	0.66	321	7.4	0.67	319	7.4	0.67	319	7.4	0.67	327												
10.7	0.67	327	10.7	0.64	317	10.7	0.73	323	10.7	0.63	319	10.7	0.63	319	10.7	0.68	322												
13.9	0.65	321	13.9	0.63	310	13.9	0.73	318	13.9	0.65	315	13.9	0.65	315	13.9	0.65	319												
17.2	0.64	321	17.2	0.67	317	17.2	0.70	320	17.2	0.58	309	17.2	0.58	309	17.2	0.63	320												
20.5	0.59	323	20.5	0.67	312	20.5	0.65	311	20.5	0.57	302	20.5	0.57	302	20.5	0.60	317												
23.8	0.58	313	23.8	0.62	313	23.8	0.67	311	23.8	0.60	302	23.8	0.60	302	23.8	0.60	310												
27.1	0.59	313	27.1	0.61	307	27.1	0.67	310	27.1	0.57	311	27.1	0.57	311	27.1	0.66	312												
30.3	0.59	316	30.3	0.57	303	30.3	0.67	310	30.3	0.58	314	30.3	0.58	314	30.3	0.62	316												
33.6	0.62	311	33.6	0.54	302	33.6	0.62	306	33.6	0.56	308	33.6	0.56	308	33.6	0.59	313												
36.9	0.57	313	36.9	0.58	306	36.9	0.59	306	36.9	0.59	312	36.9	0.59	312	36.9	0.59	311												
40.2	0.57	305	40.2	0.60	306	40.2	0.55	305	40.2	0.62	312	40.2	0.62	312	40.2	0.63	309												
43.5	0.56	308	43.5	0.61	307	43.5	0.57	310	43.5	0.52	312	43.5	0.52	312	43.5	0.60	305												
46.8	0.52	313	46.8	0.56	308	46.8	0.56	312	46.8	0.56	304	46.8	0.56	304	46.8	0.65	304												
50.0	0.52	308	50.0	0.53	306	50.0	0.55	311	50.0	0.55	308	50.0	0.55	308	50.0	0.63	308												
53.3	0.52	309	53.3	0.54	315	53.3	0.53	305	53.3	0.50	309	53.3	0.50	309	53.3	0.53	310												
56.6	0.45	306	56.6	0.53	312	56.6	0.51	305	56.6	0.42	315	56.6	0.42	315	56.6	0.39	312												
59.9	0.46	302	59.9	0.48	311	59.9	0.54	318	59.9	0.47	311	59.9	0.47	311	59.9	0.42	322												
63.2	0.38	330	63.2	0.44	312	63.2	0.47	319	63.2	0.35	308	63.2	0.35	308	63.2	0.20	330												
66.4	0.07	56	66.4	0.17	326	66.4	0.30	347	66.4	0.17	344	66.4	0.17	344	66.4	btm													
69.4	btm		70.7	btm		71.3	btm		71.3	btm		70.5	btm		68.6	btm													

Table 92.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst) — Continued

Distance from left bank (feet)														
1,066			1,095			1,125			1,164			1,192		
Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.72	323	4.1	0.78	311	4.1	0.82	315	4.1	0.81	312	4.1	0.81	308
7.4	0.67	324	7.4	0.80	311	7.4	0.81	313	7.4	0.76	312	7.4	0.75	311
10.7	0.62	320	10.7	0.83	310	10.7	0.79	313	10.7	0.65	310	10.7	0.64	308
13.9	0.67	320	13.9	0.85	317	13.9	0.68	316	13.9	0.57	319	13.9	0.33	328
17.2	0.67	321	17.2	0.76	313	17.2	0.64	314	17.2	0.21	325	17.2	0.08	96
20.5	0.67	323	20.5	0.69	305	20.5	0.39	332	20.5	0.08	288	18.4	btm	
23.8	0.66	320	23.8	0.62	312	23.8	0.26	225	21.2	btm				
27.1	0.58	333	27.1	0.25	341	25.8	btm							
30.3	0.42	338	30.8	btm										
37.9	btm													

Table 92.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 25, 1992 (1052 pst)—
Continued

Distance from left bank (feet)									
1,362									
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
4.1	0.53	314							
7.4	0.67	352							
10.9	btm								

Table 93.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)												
81			112			146			177			208
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	
5.7	0.11	35	5.7	0.40	152	5.7	0.21	170	5.7	0.23	192	
9.4	btm		12.3	0.09	146	12.3	0.22	174	12.3	0.28	167	
		16.1	btm		18.9	0.17	22	18.9	0.28	150		
						22.2	btm		27.0	btm		
									25.4	0.10	195	
									29.9	btm		

Table 93.--Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)--
Continued

Distance from left bank (feet)											
403				437				472			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.14	348		5.7	0.14	319		5.7	0.34	328	
12.3	0.09	317		12.3	0.13	340		12.3	0.29	334	
18.9	0.11	328		18.9	0.21	328		18.9	0.40	322	
25.4	0.13	319		25.4	0.19	324		25.4	0.38	313	
32.0	0.07	270		32.0	0.07	285		32.0	0.27	333	
38.6	0.02	216		38.6	0.09	236		38.6	0.27	320	
42.1 btm				45.6 btm				45.1	0.10	358	
								49.5 btm			
								5.7	0.31	332	
								12.3	0.26	330	
								18.9	0.31	325	
								25.4	0.33	334	
								32.0	0.26	310	
								38.6	0.26	322	
								45.1	0.17	318	
								53.4 btm			
								5.7	0.35	344	
								12.3	0.40	339	
								18.9	0.39	330	
								25.4	0.36	327	
								32.0	0.31	325	
								38.6	0.30	324	
								45.1	0.29	327	
								51.7	0.09	12	
								56.6 btm			

Table 93.--Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)--
Continued

Distance from left bank (feet)																			
728				760				802				834				866			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.33	329	5.7	0.36	338	5.7	0.45	326	5.7	0.47	329	5.7	0.41	330					
12.3	0.38	329	12.3	0.36	327	12.3	0.50	335	12.3	0.52	331	12.3	0.36	318					
18.9	0.31	333	18.9	0.34	335	18.9	0.47	326	18.9	0.54	325	18.9	0.43	316					
25.4	0.29	328	25.4	0.33	331	25.4	0.45	331	25.4	0.49	322	25.4	0.37	314					
32.0	0.39	315	32.0	0.38	322	32.0	0.43	328	32.0	0.48	321	32.0	0.42	311					
38.6	0.49	305	38.6	0.43	318	38.6	0.45	324	38.6	0.51	320	38.6	0.42	312					
45.1	0.44	311	45.1	0.44	322	45.1	0.39	325	45.1	0.54	322	45.1	0.33	322					
51.7	0.45	309	51.7	0.43	323	51.7	0.38	324	51.7	0.42	322	51.7	0.15	322					
58.2	0.34	309	58.2	0.50	333	58.2	0.29	322	58.2	0.14	31	58.2	0.15	322					
64.8	0.11	22	64.8	0.02	149	64.8	0.11	47	64.8	0.14	31	64.8	0.15	322					
67.7 btm			68.3 btm			67.0 btm			62.3 btm			57.4 btm							

Table 93.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)—
Continued

Distance from left bank (feet)																			
1,054				1,094				1,122				1,160				1,188			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.42	313	5.7	0.33	300	5.7	0.28	289	5.7	0.25	232	5.7	0.21	229					
12.3	0.43	306	12.3	0.31	296	12.3	0.11	303	12.3	0.12	266	12.3	0.06	258					
18.9	0.38	302	18.9	0.10	264	18.8	btm		16.2	btm		14.8	btm						
25.4	0.11	312	23.7	btm															
31.3	btm																		

Table 93.—Velocity profiles for Lower Granite Reservoir at Snake River mile 120.46 on March 26, 1992 (1434 pst)—
Continued

Distance from left bank (feet)									
1,225			1,254			1,275			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Hdg
5.7	0.07	223	5.7	0.06	214	5.7	0.02	338	
13.2 btm			11.4 btm			9.0 btm			

Table 94.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees
from magnetic North; btm, bottom]

Distance from left bank (feet)											
54			73			97			117		142
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.16	350	5.7	0.12	293	5.7	0.11	285	5.7	0.14	271
12.3	0.16	355	12.3	0.11	291	12.3	0.11	289	12.3	0.14	271
18.9	0.17	358	18.9	0.12	287	18.9	0.11	291	18.9	0.14	272
25.4	0.20	9	25.4	0.07	301	25.4	0.12	295	25.4	0.14	272
32.0	0.17	27	38.0 btm			32.0	0.11	293	32.0	0.11	271
38.6	0.11	54				38.6	0.31	17	38.6	0.10	287
38.8 btm						46.7 btm			45.1	0.10	292
									54.2 btm	0.06	281
									51.7		
									59.0 btm		

Table 94.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst) — Continued

Distance from left bank (feet)																	
185				216				248				280				313	
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Hdg	
5.7	0.18	274		5.7	0.19	260		5.7	0.10	260		5.7	0.28	266		264	
12.3	0.18	277		12.3	0.19	272		12.3	0.20	264		12.3	0.21	270		265	
18.9	0.16	271		18.9	0.19	268		18.9	0.20	259		18.9	0.18	271		261	
25.4	0.16	272		25.4	0.18	264		25.4	0.29	257		25.4	0.19	258		246	
32.0	0.18	264		32.0	0.19	263		32.0	0.27	270		32.0	0.19	273		258	
38.6	0.16	262		38.6	0.14	259		38.6	0.28	283		38.6	0.08	308		254	
45.1	0.15	263		45.1	0.19	270		45.1	0.15	272		45.1	0.13	267		273	
51.7	0.13	272		51.7	0.21	237		51.7	0.13	278		51.7	0.17	301		256	
58.2	0.05	195		58.2	0.05	187		58.2	0.04	188		58.2	0.10	181		btm	
61.5	btm			62.3	btm			62.3	btm			60.8	btm				

Table 94.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)—
Continued

Distance from left bank (feet)											
1,150				1,178				1,206			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
5.7	0.34	276	5.7	0.37	298	5.7	0.38	295	5.7	0.34	283
12.3	0.28	275	12.3	0.35	303	12.3	0.36	294	12.3	0.32	284
18.9	0.28	275	18.9	0.29	297	18.9	0.30	297	18.9	0.28	282
25.4	0.26	267	25.4	0.28	298	25.4	0.31	293	25.4	0.28	279
32.0	0.26	264	32.0	0.27	296	32.0	0.29	302	32.0	0.30	273
38.6	0.24	266	38.6	0.28	297	38.6	0.31	295	38.6	0.32	281
45.1	0.27	270	45.1	0.29	292	45.1	0.29	292	45.1	0.32	278
51.7	0.27	267	51.7	0.28	308	51.7	0.26	299	51.7	0.33	279
58.2	0.16	275	58.2	0.22	302	58.2	0.24	306	58.2	0.15	302
64.8	0.11	254	64.8	0.08	352	64.8	0.05	42	64.8	0.09	229
67.6 btm			66.3 btm			65.6 btm			67.9 btm		

Table 94.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)--
Continued

Distance from left bank (feet)									
1,304		1,345		1,374		1,401		1,444	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
5.7	0.43	286	5.7	0.34	272	5.7	0.36	5.7	0.35
12.3	0.39	287	12.3	0.30	278	12.3	0.32	12.3	0.35
18.9	0.38	283	18.9	0.30	278	18.9	0.31	18.9	0.34
25.4	0.36	283	25.4	0.29	277	25.4	0.30	25.4	0.34
32.0	0.41	283	32.0	0.30	273	32.0	0.33	32.0	0.32
38.6	0.39	284	38.6	0.29	271	38.6	0.34	38.6	0.32
45.1	0.36	281	45.1	0.29	270	45.1	0.33	45.1	0.28
51.7	0.40	282	51.7	0.30	273	51.7	0.37	51.7	0.28
58.2	0.35	283	58.2	0.27	274	58.2	0.27	58.2	0.29
64.8	0.11	266	64.8	0.07	267	64.8	0.09	64.8	0.10
68.8 btm			70.1 btm			70.2 btm		71.4	0.02
								71.7 btm	

Table 94.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst) — Continued

Distance from left bank (feet)																			
1,472				1,501				1,543				1,572				1,600			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.33	288	5.7	0.37	282	5.7	0.34	285	5.7	0.36	285	5.7	0.39	287					
12.3	0.35	285	12.3	0.32	292	12.3	0.34	281	12.3	0.36	283	12.3	0.36	288					
18.9	0.36	281	18.9	0.33	283	18.9	0.33	284	18.9	0.36	282	18.9	0.35	290					
25.4	0.32	289	25.4	0.32	284	25.4	0.30	282	25.4	0.36	277	25.4	0.37	284					
32.0	0.30	280	32.0	0.32	285	32.0	0.31	284	32.0	0.35	279	32.0	0.34	286					
38.6	0.31	279	38.6	0.27	286	38.6	0.30	282	38.6	0.33	275	38.6	0.34	277					
45.1	0.33	278	45.1	0.28	282	45.1	0.33	282	45.1	0.31	271	45.1	0.29	283					
51.7	0.29	279	51.7	0.30	275	51.7	0.32	277	51.7	0.27	277	51.7	0.32	285					
58.2	0.27	294	58.2	0.24	273	58.2	0.32	276	58.2	0.27	271	58.2	0.34	282					
64.8	0.07	341	64.8	0.10	311	64.8	0.10	293	64.8	0.23	284	64.8	0.31	276					
71.9 btm			70.9 btm			72.3 btm			71.4	0.04	296	71.4	0.06	319					
									73.3 btm			73.2 btm							

Table 94.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst) — Continued

Distance from left bank (feet)														
1,628			1,670			1,698			1,726			1,767		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.36	284	5.7	0.32	286	5.7	0.33	284	5.7	0.39	290	5.7	0.33	283
12.3	0.32	284	12.3	0.31	281	12.3	0.31	283	12.3	0.37	296	12.3	0.30	285
18.9	0.34	281	18.9	0.27	274	18.9	0.34	283	18.9	0.34	294	18.9	0.27	287
25.4	0.33	277	25.4	0.29	279	25.4	0.33	279	25.4	0.35	290	25.4	0.24	290
32.0	0.31	278	32.0	0.27	273	32.0	0.32	284	32.0	0.35	287	32.0	0.24	282
38.6	0.30	278	38.6	0.27	281	38.6	0.28	283	38.6	0.30	289	38.6	0.24	276
45.1	0.28	277	45.1	0.21	268	45.1	0.27	278	45.1	0.26	289	45.1	0.25	271
51.7	0.28	276	51.7	0.24	267	51.7	0.29	278	51.7	0.26	289	51.7	0.22	275
58.2	0.24	287	58.2	0.23	267	58.2	0.25	266	58.2	0.15	280	58.2	0.04	243
64.8	0.32	270	64.8	0.13	245	64.8	0.07	206	64.8	0.15	280	64.8	0.04	243
72.1	btm		69.5	btm		67.5	btm		65.6	btm		63.4	btm	

Table 94.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)—
Continued

Distance from left bank (feet)											
1,795				1,835				1,863			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
5.7	0.32	290	5.7	0.32	287	5.7	0.31	294	0.32	279	5.7
12.3	0.30	283	12.3	0.26	278	12.3	0.29	291	0.25	270	12.3
18.9	0.28	282	18.9	0.22	275	18.9	0.24	282	0.29	268	18.9
25.4	0.25	276	25.4	0.24	262	25.4	0.20	281	0.20	264	25.4
32.0	0.21	277	32.0	0.24	264	32.0	0.16	277	0.14	289	32.0
38.6	0.18	274	38.6	0.19	267	38.6	0.19	290	0.11	291	38.6
45.1	0.19	295	45.1	0.17	261	45.1	0.04	351	0.07	15	45.1
51.7	0.18	279	51.7	0.03	315	50.5	btm				45.1
60.5	btm		55.9	btm							45.8
											btm
											213
											288
											286
											290
											280
											288
											321
											213

Table 94.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst) - Continued

Distance from left bank (feet)																			
1,957				1,996				2,023				2,061				2,090			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.24	288		5.7	0.30	285		5.7	0.23	278		5.7	0.23	286		5.7	0.24	293	
12.3	0.21	286		12.3	0.28	288		12.3	0.21	291		12.3	0.23	292		12.3	0.12	1	
18.9	0.14	281		18.9	0.26	285		18.9	0.21	283		18.9	0.15	357		18.0	btm		
25.4	0.18	277		25.4	0.19	292		25.4	0.13	326		25.1	btm						
32.0	0.25	282		32.0	0.07	5		31.9	btm										
42.8	btm			36.3	btm														

Table 94.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on February 27, 1992 (1228 pst)—
Continued

Distance from left bank (feet)									
2,125									
2,147									
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
5.7	0.20	267	5.7	0.03	305				
12.3	0.10	219	10.9	btm					
15.0	btm								

Table 95.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees
from magnetic North; btm, bottom]

Distance from left bank (feet)														
64			104			135			166			197		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg			
5.7	0.21	332	5.7	0.28	21	5.7	0.16	280	5.7	0.10	302	5.7	0.13	303
12.3	0.22	332	12.3	0.06	297	12.3	0.21	261	12.3	0.12	261	12.3	0.21	297
18.9	0.27	323	18.9	0.10	196	18.9	0.25	297	18.9	0.21	282	18.9	0.19	311
25.4	0.08	326	25.4	0.13	6	25.4	0.15	290	25.4	0.21	262	25.4	0.21	302
32.3 btm			32.0	0.42	29	32.0	0.10	304	32.0	0.20	272	32.0	0.19	291
			41.4 btm			38.6	0.19	307	38.6	0.20	261	38.6	0.13	337
						45.1	0.05	225	45.1	0.07	198	45.1	0.10	133
						46.8 btm			48.0 btm			48.4 btm		

Table 95.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)--
Continued

Distance from left bank (feet)																			
392				433				461				489				529			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.42	287	5.7	0.55	273	5.7	0.48	293	5.7	0.24	268	5.7	0.43	280					
12.3	0.47	300	12.3	0.61	278	12.3	0.45	291	12.3	0.28	281	12.3	0.43	286					
18.9	0.28	297	18.9	0.49	284	18.9	0.41	293	18.9	0.24	291	18.9	0.45	279					
25.4	0.18	335	25.4	0.40	286	25.4	0.37	304	25.4	0.24	296	25.4	0.34	271					
32.0	0.14	293	32.0	0.26	269	32.0	0.31	307	32.0	0.08	352	32.0	0.23	244					
38.3 btm			40.4 btm			38.6	0.03	16	39.3 btm			39.1 btm							
						41.5 btm													

Table 95.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)—
Continued

Distance from left bank (feet)																			
557				598				625				653				694			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.45	276	5.7	0.47	281	5.7	0.41	291	5.7	0.48	264	5.7	0.36	282					
12.3	0.37	267	12.3	0.42	293	12.3	0.35	280	12.3	0.52	272	12.3	0.40	276					
18.9	0.36	257	18.9	0.52	313	18.9	0.45	275	18.9	0.52	282	18.9	0.42	283					
25.4	0.40	247	25.4	0.35	315	25.4	0.40	280	25.4	0.43	290	25.4	0.39	268					
32.0	0.32	257	32.0	0.29	302	32.0	0.21	300	32.0	0.40	290	32.0	0.38	277					
38.6	0.10	86	38.6	0.26	273	38.6	0.22	264	38.6	0.35	274	38.6	0.33	297					
42.4 btm			45.0 btm			48.1 btm			45.1	0.18	248	45.1	0.14	295					
									50.1	btm		52.2	btm						

Table 95.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)—
Continued

Distance from left bank (feet)														
722			751			794			823			852		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.35	295	5.7	0.36	284	5.7	0.46	288	5.7	0.41	288	5.7	0.45	287
12.3	0.42	283	12.3	0.37	286	12.3	0.47	291	12.3	0.45	288	12.3	0.52	292
18.9	0.40	303	18.9	0.40	308	18.9	0.46	295	18.9	0.43	291	18.9	0.55	286
25.4	0.49	268	25.4	0.42	291	25.4	0.45	285	25.4	0.40	290	25.4	0.50	290
32.0	0.53	256	32.0	0.40	271	32.0	0.44	284	32.0	0.40	287	32.0	0.48	291
38.6	0.34	283	38.6	0.45	287	38.6	0.45	295	38.6	0.38	289	38.6	0.46	293
45.1	0.21	283	45.1	0.41	292	45.1	0.36	285	45.1	0.31	287	45.1	0.39	294
53.3 btm			51.7	0.04	251	51.7	0.11	254	51.7	0.10	299	51.7	0.11	299
			54.4 btm			55.2 btm			55.8 btm			56.0 btm		

Table 95.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)-
Continued

Distance from left bank (feet)														
1,713			1,742			1,771			1,800			1,844		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.49	291	5.7	0.47	303	5.7	0.51	307	5.7	0.38	298	5.7	0.56	289
12.3	0.54	294	12.3	0.49	299	12.3	0.48	307	12.3	0.40	300	12.3	0.52	289
18.9	0.50	295	18.9	0.46	300	18.9	0.50	304	18.9	0.38	303	18.9	0.53	294
25.4	0.47	295	25.4	0.41	300	25.4	0.45	307	25.4	0.38	299	25.4	0.52	293
32.0	0.44	299	32.0	0.44	302	32.0	0.48	313	32.0	0.31	299	32.0	0.37	298
38.6	0.41	293	38.6	0.47	300	38.6	0.39	311	38.6	0.10	304	38.6	0.23	256
45.1	0.22	294	45.1	0.06	300	45.1	0.05	10	44.8	btm		40.4	btm	
51.7	0.15	262	49.9	btm		48.0	btm							
52.3	btm													

Table 95.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst)--
Continued

Distance from left bank (feet)																			
1,874				1,903				1,932				1,975				2,003			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.40	302	5.7	0.39	309	5.7	0.27	274	5.7	0.30	291	5.7	0.26	306					
12.3	0.41	305	12.3	0.39	307	12.3	0.23	275	12.3	0.27	301	12.3	0.12	315					
18.9	0.41	296	18.9	0.36	310	18.9	0.24	278	18.9	0.21	309	18.9	0.11	142					
25.4	0.29	306	25.4	0.12	7	25.4	0.09	197	27.7	btm		20.0	btm						
32.0	0.05	340	31.7	btm		31.3	btm												
35.4	btm																		

Table 95.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 08, 1992 (1223 pst) — Continued

Distance from left bank (feet)									
2,028					2,059				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Vel	Hdg	Dpth
5.7	0.22	279	5.7	0.07	74				
12.3	0.06	315	9.6	btm					
16.3	btm								

Table 96.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
58			89			124			158			193		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.10	290	5.7	0.13	318	5.7	0.30	336	5.7	0.15	314	5.7	0.22	319
12.3	0.01	123	12.3	0.10	17	12.3	0.29	343	12.3	0.16	318	12.3	0.23	304
14.1	btm		18.9	0.69	63	18.9	0.23	340	18.9	0.15	319	18.9	0.24	312
			23.6	btm		25.4	0.26	24	25.4	0.06	353	25.4	0.13	328
						29.9	btm		31.7	btm		32.3	btm	

Table 96.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)—
Continued

Distance from left bank (feet)														
228			263			286			320			353		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.35	318	5.7	0.31	331	5.7	0.39	327	5.7	0.38	331	5.7	0.48	306
12.3	0.40	310	12.3	0.45	327	12.3	0.49	305	12.3	0.36	323	12.3	0.44	311
18.9	0.40	301	18.9	0.48	324	18.9	0.31	331	18.9	0.27	340	18.9	0.03	14
25.4	0.24	312	25.4	0.27	336	25.4	0.13	344	24.5	btm		21.1	btm	
32.0	0.24	152	31.2	btm		27.3	btm							
32.6	btm													

Table 96.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst).--
Continued

Distance from left bank (feet)														
387			421			454			488			522		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.41	305	5.7	0.35	323	5.7	0.44	315	5.7	0.52	314	5.7	0.50	313
12.3	0.30	312	12.3	0.38	322	12.3	0.48	308	12.3	0.48	315	12.3	0.39	320
18.9	0.21	145	18.9	0.10	29	18.9	0.25	327	18.9	0.34	336	18.9	0.12	66
20.8 btm			23.4 btm			25.7 btm			23.4 btm			21.7 btm		

Table 96.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)--
Continued

Distance from left bank (feet)										
718			752			787			811	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel
5.7	0.43	325	5.7	0.46	329	5.7	0.55	329	5.7	0.46
12.3	0.47	321	12.3	0.56	317	12.3	0.59	325	12.3	0.54
18.9	0.56	313	18.9	0.58	316	18.9	0.63	320	18.9	0.55
25.4	0.50	310	25.4	0.58	312	25.4	0.69	317	25.4	0.61
32.0	0.13	339	32.0	0.20	330	32.0	0.51	327	32.0	0.41
37.0 btm			38.0 btm			38.6	0.37	137	38.6	0.31
						39.0 btm			39.8 btm	

Table 96.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)---
Continued

Distance from left bank (feet)																			
881				916				951				973				1,008			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.58	328		5.7	0.67	329		5.7	0.73	323		5.7	0.67	319		5.7	0.73	320	
12.3	0.62	321		12.3	0.67	327		12.3	0.71	322		12.3	0.68	318		12.3	0.70	318	
18.9	0.61	321		18.9	0.69	325		18.9	0.74	320		18.9	0.66	314		18.9	0.71	320	
25.4	0.65	317		25.4	0.66	322		25.4	0.73	316		25.4	0.63	314		25.4	0.71	320	
32.0	0.43	322		32.0	0.38	327		32.0	0.51	323		32.0	0.38	320		32.0	0.41	340	
38.6	0.37	149		38.6	0.08	65		38.6	0.05	82		38.6	0.26	161		38.6	0.29	146	
40.0 btm				41.0 btm				40.8 btm				39.8 btm				39.3 btm			

Table 96.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)—
Continued

Distance from left bank (feet)																			
1,042				1,077				1,111				1,145				1,178			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.77	313	5.7	0.80	319	5.7	0.83	319	5.7	0.80	322	5.7	0.84	323					
12.3	0.75	316	12.3	0.74	321	12.3	0.73	319	12.3	0.77	324	12.3	0.82	324					
18.9	0.72	319	18.9	0.70	321	18.9	0.69	321	18.9	0.72	326	18.9	0.75	325					
25.4	0.69	320	25.4	0.65	324	25.4	0.60	322	25.4	0.50	336	25.4	0.40	335					
32.0	0.36	326	32.0	0.35	337	32.0	0.07	343	32.0	0.09	30	32.0	0.03	159					
38.6	0.39	155	38.6	0.28	105	36.3	btm		34.1	btm		32.9	btm						
39.1	btm		38.7	btm															

Table 96.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)—
Continued

Distance from left bank (feet)																			
1,212				1,235				1,269				1,302				1,337			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.71	320	5.7	0.76	323	5.7	0.69	322	5.7	0.69	318	5.7	0.61	320					
12.3	0.68	320	12.3	0.73	321	12.3	0.65	321	12.3	0.64	316	12.3	0.59	318					
18.9	0.62	321	18.9	0.64	320	18.9	0.60	320	18.9	0.64	316	18.9	0.56	318					
25.4	0.41	319	25.4	0.60	317	25.4	0.57	319	25.4	0.63	314	25.4	0.52	325					
32.0	0.04	160	32.0	0.12	345	32.0	0.22	338	32.0	0.36	321	32.0	0.32	338					
35.0 btm			37.2 btm			38.3 btm			38.6	0.23	141	38.6	0.16	142					
									39.4 btm			39.2 btm							

Table 96.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)–
Continued

Distance from left bank (feet)														
1,371			1,405			1,439			1,473			1,496		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.56	324	5.7	0.65	323	5.7	0.60	319	5.7	0.54	326	5.7	0.46	319
12.3	0.57	324	12.3	0.62	323	12.3	0.59	323	12.3	0.48	326	12.3	0.40	321
18.9	0.54	324	18.9	0.65	326	18.9	0.58	325	18.9	0.48	332	18.9	0.40	325
25.4	0.54	324	25.4	0.61	322	25.4	0.54	323	25.4	0.47	329	25.4	0.40	322
32.0	0.24	333	32.0	0.44	321	32.0	0.46	320	32.0	0.33	327	32.0	0.30	323
39.1 btm			38.6	0.08	96	38.6	0.07	12	38.6	0.07	49	38.6	0.11	130
			40.8 btm			42.2 btm			42.6 btm			42.5 btm		

Table 96.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst) — Continued

Distance from left bank (feet)																			
1,531				1,565				1,599				1,633				1,667			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.54	320	5.7	0.57	321	5.7	0.53	313	5.7	0.51	319	5.7	0.48	322					
12.3	0.47	319	12.3	0.51	323	12.3	0.50	316	12.3	0.51	318	12.3	0.50	325					
18.9	0.47	322	18.9	0.48	324	18.9	0.46	315	18.9	0.45	320	18.9	0.46	326					
25.4	0.43	322	25.4	0.46	322	25.4	0.45	310	25.4	0.40	317	25.4	0.35	318					
32.0	0.35	323	32.0	0.32	323	32.0	0.38	307	32.0	0.31	325	32.0	0.25	338					
38.6	0.02	56	38.6	0.06	45	38.6	0.07	226	40.3	btm		38.1	btm						
42.4	btm		42.5	btm		42.4	btm												

Table 96.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 20, 1992 (1018 pst)—
Continued

Distance from left bank (feet)									
1,864				1,928				1,954	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
5.7	0.48	325	5.7	0.33	331	5.7	0.21	5.7	0.26
12.3	0.35	337	12.3	0.18	57	12.3	0.16	12.3	0.16
18.9	0.44	348	17.4	btm		14.0	btm	13.9	btm
20.9	btm								

Table 97.-Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees
from magnetic North; btm, bottom]

Distance from left bank (feet)																			
46				82				111				153				185			
Dpth	Vel	Hdg	Dpth	Dpth	Vel	Hdg	Dpth	Dpth	Vel	Hdg	Dpth	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.24	288	4.1	0.37	339	4.1	0.44	323	4.1	0.38	320	4.1	0.45	332	4.1	0.46	322		
7.4	0.02	126	7.4	0.29	344	7.4	0.48	322	7.4	0.38	316	7.4	0.46	322	7.4	0.46	322		
8.9	btm		10.7	0.22	0	10.7	0.49	320	10.7	0.44	319	10.7	0.37	332	10.7	0.37	332		
			18.0	btm		13.9	0.47	329	13.9	0.38	326	13.9	0.35	343	13.9	0.35	343		
						17.2	0.42	326	17.2	0.39	323	17.2	0.44	342	17.2	0.44	342		
						20.5	0.35	336	20.5	0.32	324	20.5	0.37	330	20.5	0.37	330		
						23.8	0.30	48	23.8	0.17	349	23.8	0.21	352	23.8	0.21	352		
						26.4	btm		27.1	0.04	189	27.1	0.04	15	27.1	0.04	15		
									28.0	btm		28.0	btm		28.2	btm			

Table 97.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)—
Continued

Distance from left bank (feet)														
216			247			278			308			348		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.40	313	4.1	0.46	325	4.1	0.45	310	4.1	0.36	326	4.1	0.40	307
7.4	0.40	317	7.4	0.41	337	7.4	0.40	310	7.4	0.26	340	7.4	0.40	310
10.7	0.43	323	10.7	0.49	334	10.7	0.43	313	10.7	0.34	331	10.7	0.33	308
13.9	0.46	333	13.9	0.41	335	13.9	0.49	310	13.9	0.39	339	13.9	0.25	295
17.2	0.36	321	17.2	0.44	330	17.2	0.45	314	17.2	0.23	344	17.2	0.24	222
20.5	0.36	316	20.5	0.46	333	20.5	0.40	311	20.5	0.04	90	17.8	btm	
23.8	0.19	345	23.8	0.25	343	23.8	0.08	310	22.2	btm				
27.1	0.07	32	27.1	0.07	322	26.2	btm							
28.3	btm		28.1	btm										

Table 97.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)—
Continued

Distance from left bank (feet)														
378			407			447			477			506		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.36	323	4.1	0.48	312	4.1	0.56	319	4.1	0.62	316	4.1	0.48	317
7.4	0.38	326	7.4	0.40	311	7.4	0.53	317	7.4	0.63	318	7.4	0.48	318
10.7	0.45	318	10.7	0.47	306	10.7	0.47	314	10.7	0.56	315	10.7	0.47	318
13.9	0.09	66	13.9	0.04	325	13.9	0.34	327	13.9	0.22	322	13.9	0.33	317
16.4 btm			16.9 btm			17.2	0.04	149	17.8	btm		17.2	0.54	67
						18.5 btm			19.1	btm		19.1	btm	

Table 97.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)—
Continued

Distance from left bank (feet)														
702			741			770			808			837		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.64	319	4.1	0.60	319	4.1	0.66	337	4.1	0.55	321	4.1	0.68	326
7.4	0.61	323	7.4	0.60	321	7.4	0.62	335	7.4	0.51	322	7.4	0.73	327
10.7	0.56	319	10.7	0.63	313	10.7	0.62	331	10.7	0.44	319	10.7	0.62	325
13.9	0.56	320	13.9	0.58	323	13.9	0.61	323	13.9	0.43	320	13.9	0.71	329
17.2	0.54	320	17.2	0.56	315	17.2	0.60	323	17.2	0.47	315	17.2	0.63	323
20.5	0.49	317	20.5	0.52	315	20.5	0.62	326	20.5	0.44	319	20.5	0.63	323
23.8	0.59	319	23.8	0.51	320	23.8	0.55	329	23.8	0.40	316	23.8	0.56	326
27.1	0.16	358	27.1	0.29	342	27.1	0.34	341	27.1	0.32	316	27.1	0.60	330
30.2 btm			30.9 btm			30.3	0.13	69	30.3	0.02	45	30.3	0.27	9
						31.8 btm			33.1 btm			33.7 btm		

Table 97.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)-
Continued

Distance from left bank (feet)																			
866				905				934				972				1,001			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
4.1	0.64	314		4.1	0.68	319		4.1	0.66	325		4.1	0.74	320		4.1	0.65	325	
7.4	0.63	313		7.4	0.63	318		7.4	0.64	319		7.4	0.67	321		7.4	0.64	324	
10.7	0.53	317		10.7	0.62	317		10.7	0.62	322		10.7	0.59	317		10.7	0.61	325	
13.9	0.56	314		13.9	0.62	319		13.9	0.59	318		13.9	0.59	322		13.9	0.52	324	
17.2	0.51	312		17.2	0.54	325		17.2	0.51	322		17.2	0.58	315		17.2	0.53	328	
20.5	0.50	311		20.5	0.51	320		20.5	0.50	320		20.5	0.54	319		20.5	0.53	323	
23.8	0.51	309		23.8	0.54	317		23.8	0.50	323		23.8	0.56	319		23.8	0.55	325	
27.1	0.46	316		27.1	0.49	319		27.1	0.54	319		27.1	0.55	316		27.1	0.50	329	
30.3	0.16	324		30.3	0.40	325		30.3	0.44	334		30.3	0.29	317		30.3	0.16	22	
34.5	btm			33.6	0.08	26		33.6	0.13	17		33.6	0.05	7		33.7	btm		
				35.8	btm			35.8	btm			34.6	btm						

Table 97.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)—
Continued

Distance from left bank (feet)											
1,192				1,231				1,259			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Hdg
4.1	0.69	313	4.1	0.68	315	4.1	0.73	4.1	0.69	325	4.1
7.4	0.69	319	7.4	0.69	316	7.4	0.75	7.4	0.69	327	7.4
10.7	0.65	318	10.7	0.64	317	10.7	0.67	10.7	0.68	319	10.7
13.9	0.68	316	13.9	0.62	320	13.9	0.60	13.9	0.62	323	13.9
17.2	0.61	315	17.2	0.60	312	17.2	0.64	17.2	0.63	323	17.2
20.5	0.56	317	20.5	0.58	310	20.5	0.57	20.5	0.62	322	20.5
23.8	0.50	317	23.8	0.51	309	23.8	0.60	23.8	0.59	318	23.8
27.1	0.15	312	27.1	0.52	313	27.1	0.57	27.1	0.59	324	27.1
30.5 btm			30.3	0.04	270	30.3	0.13	30.3	0.32	335	30.3
			32.6 btm			33.6 btm		33.6	0.03	305	33.6
								34.4 btm			34.2 btm
											0.76
											317
											0.75
											320
											0.70
											315
											0.65
											318
											0.63
											318
											0.62
											321
											0.63
											320
											0.61
											327
											0.34
											345
											0.07
											316

Table 97.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)–
Continued

Distance from left bank (feet)																			
1,528				1,557				1,586				1,626				1,666			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.70	321	4.1	0.72	317	4.1	0.64	319	4.1	0.65	319	4.1	0.66	325					
7.4	0.66	317	7.4	0.66	314	7.4	0.64	318	7.4	0.67	320	7.4	0.66	331					
10.7	0.64	312	10.7	0.62	322	10.7	0.60	320	10.7	0.63	323	10.7	0.68	334					
13.9	0.62	317	13.9	0.60	318	13.9	0.66	318	13.9	0.55	320	13.9	0.59	329					
17.2	0.55	320	17.2	0.61	314	17.2	0.60	322	17.2	0.54	317	17.2	0.56	327					
20.5	0.60	319	20.5	0.61	318	20.5	0.58	322	20.5	0.52	315	20.5	0.54	331					
23.8	0.56	320	23.8	0.56	312	23.8	0.57	317	23.8	0.49	313	23.8	0.52	331					
27.1	0.56	316	27.1	0.60	318	27.1	0.50	310	27.1	0.43	316	27.1	0.42	328					
30.3	0.54	314	30.3	0.60	318	30.3	0.49	317	30.3	0.30	316	30.3	0.30	342					
33.6	0.28	337	33.6	0.29	322	33.6	0.38	319	33.6	0.21	331	33.6	0.09	217					
36.9	0.01	0	36.9	0.06	93	36.9	0.07	82	36.4	btm		33.9	btm						
37.5	btm		37.8	btm		38.0	btm												

Table 97.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)—
Continued

Distance from left bank (feet)														
1,687			1,727			1,757			1,785			1,824		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.62	335	4.1	0.68	324	4.1	0.59	333	4.1	0.55	327	4.1	0.49	340
7.4	0.55	327	7.4	0.69	330	7.4	0.56	329	7.4	0.50	326	7.4	0.49	341
10.7	0.62	338	10.7	0.66	326	10.7	0.61	335	10.7	0.50	324	10.7	0.46	339
13.9	0.64	334	13.9	0.60	326	13.9	0.58	333	13.9	0.53	325	13.9	0.46	346
17.2	0.53	344	17.2	0.61	334	17.2	0.63	333	17.2	0.48	330	17.2	0.21	13
20.5	0.56	336	20.5	0.52	334	20.5	0.53	333	20.5	0.37	322	20.9	btm	
23.8	0.51	335	23.8	0.54	328	23.8	0.38	342	23.8	0.23	3			
27.1	0.37	346	27.1	0.12	345	27.1	0.10	37	26.7	btm				
30.3	0.14	3	30.0	btm		28.5	btm							
31.6	btm													

Table 97.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 25, 1992 (1124 pst)—
Continued

Distance from left bank (feet)									
1,851					1,913				
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
4.1	0.34	315	4.1	0.46	337	4.1	0.31	328	
7.4	0.32	309	7.4	0.41	350	7.4	0.24	13	
10.7	0.20	324	10.7	0.48	59	9.5	btm		
13.9	0.10	295	13.0	btm					
16.5	btm								

Table 98.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst).--
Continued

Distance from left bank (feet)																			
234				273				303				335				371			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.5	321	4.1	1.2	325	4.1	1.4	325	4.1	1.9	321	4.1	1.6	348					
7.4	1.4	325	7.4	1.3	319	7.4	1.4	329	7.4	1.8	325	7.4	1.5	348					
10.7	1.3	326	10.7	1.2	327	10.7	1.3	322	10.7	1.8	323	10.7	1.3	358					
13.9	1.3	324	13.9	1.1	326	13.9	0.65	327	13.9	1.1	332	13.9	0.93	32					
17.2	1.2	328	17.2	0.91	330	17.2	0.38	16	17.2	1.0	330	17.4	btm						
20.5	0.78	328	20.5	0.24	32	18.8	btm		18.9	btm									
23.8	0.23	293	23.0	btm															
24.5	btm																		

Table 98.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)—
Continued

Distance from left bank (feet)																			
403				429				465				499				529			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.6	315	4.1	1.5	320	4.1	1.5	310	4.1	2.0	304	4.1	1.1	330					
7.4	1.6	312	7.4	0.90	323	7.4	1.3	309	7.4	1.9	301	7.4	1.0	330					
10.7	1.6	315	10.7	0.50	308	10.7	0.99	301	10.7	1.6	302	10.7	0.70	339					
13.9	0.79	320	13.9	0.17	307	13.9	0.28	320	13.9	0.84	308	13.9	0.47	79					
17.1	btm		17.4	btm		16.1	btm		17.2	0.39	303	16.6	btm						
									17.9	btm									

Table 98.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)--
Continued

Distance from left bank (feet)										
562			590			627			661	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
4.1	2.1	306	4.1	1.5	313	4.1	2.0	313	4.1	1.1
7.4	1.9	306	7.4	1.9	317	7.4	2.0	316	7.4	1.0
10.7	1.8	304	10.7	1.6	325	10.7	2.1	313	10.7	0.99
13.9	1.3	302	13.9	1.3	327	13.9	2.1	317	13.9	0.99
17.2	1.2	317	17.2	0.45	359	17.2	0.96	323	17.2	0.93
18.1 btm			20.2 btm			20.5	0.53	323	20.5	0.55
						20.9 btm			23.1 btm	0.75
									25.3 btm	82

Table 98.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst) -- Continued

Distance from left bank (feet)																			
887				917				946				982				1,013			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
4.1	1.4	314		4.1	1.4	316		4.1	1.5	312		4.1	1.6	317		4.1	1.5	322	
7.4	1.3	312		7.4	1.4	316		7.4	1.5	313		7.4	1.6	318		7.4	1.5	324	
10.7	1.3	313		10.7	1.4	316		10.7	1.4	315		10.7	1.6	319		10.7	1.4	324	
13.9	1.3	315		13.9	1.3	319		13.9	1.4	315		13.9	1.5	320		13.9	1.4	324	
17.2	1.2	319		17.2	1.3	318		17.2	1.4	319		17.2	1.5	319		17.2	1.4	324	
20.5	1.2	320		20.5	1.2	319		20.5	1.4	317		20.5	1.5	319		20.5	1.3	329	
23.8	1.2	320		23.8	1.2	320		23.8	1.3	317		23.8	1.4	318		23.8	1.1	320	
27.1	0.61	322		27.1	0.93	322		27.1	0.98	324		27.1	0.64	312		27.1	0.26	330	
30.9 btm				30.3	0.05	352		30.3	0.19	313		30.7	btm			29.9	btm		
				32.5 btm				31.9 btm											

Table 98.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)—
Continued

Distance from left bank (feet)											
1,045			1,084			1,116			1,146		1,179
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	1.5	326	4.1	1.5	323	4.1	1.5	324	4.1	1.7	319
7.4	1.5	325	7.4	1.5	324	7.4	1.5	326	7.4	1.6	318
10.7	1.5	326	10.7	1.5	323	10.7	1.4	325	10.7	1.5	318
13.9	1.4	323	13.9	1.5	326	13.9	1.4	325	13.9	1.7	312
17.2	1.3	324	17.2	1.4	327	17.2	1.4	324	17.2	1.6	315
20.5	1.2	329	20.5	1.4	327	20.5	1.3	328	20.5	1.2	319
23.8	1.2	331	23.8	1.2	328	23.8	0.95	329	23.8	0.60	332
27.1	0.07	2	27.1	0.40	328	27.1	0.25	340	23.8	0.47	327
29.7 btm			30.3	0.24	329	28.8 btm			25.9 btm		
			30.4 btm								

Table 98.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst).--
Continued

Distance from left bank (feet)											
1,207				1,244				1,274			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
4.1	1.5	311	4.1	1.4	317	4.1	1.3	4.1	1.4	311	4.1
7.4	1.4	311	7.4	1.4	318	7.4	1.3	7.4	1.4	312	7.4
10.7	1.3	310	10.7	1.3	317	10.7	1.3	10.7	1.4	313	10.7
13.9	1.2	313	13.9	1.3	317	13.9	1.3	13.9	1.4	313	13.9
17.2	1.2	314	17.2	1.2	317	17.2	1.2	17.2	1.3	313	17.2
20.5	1.1	313	20.5	1.2	317	20.5	1.2	20.5	1.3	316	20.5
23.8	0.36	295	23.8	0.87	317	23.8	1.1	23.8	1.2	319	23.8
27.6 btm			27.1	0.09	85	27.1	0.19	27.1	0.59	326	27.1
			28.9 btm			29.8 btm		30.6 btm			30.5 btm

Table 98.--Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst) - Continued

Distance from left bank (feet)																			
1,376				1,403				1,443				1,475				1,507			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.3	313	4.1	1.4	309	4.1	1.2	307	4.1	1.0	306	4.1	1.1	313					
7.4	1.3	311	7.4	1.4	311	7.4	1.2	309	7.4	0.92	308	7.4	1.1	315					
10.7	1.2	313	10.7	1.3	311	10.7	1.2	310	10.7	0.93	307	10.7	1.1	314					
13.9	1.2	313	13.9	1.3	313	13.9	1.2	312	13.9	0.94	307	13.9	1.1	310					
17.2	1.2	314	17.2	1.3	314	17.2	1.1	309	17.2	0.93	307	17.2	1.1	314					
20.5	1.2	313	20.5	1.3	314	20.5	1.1	312	20.5	0.94	312	20.5	1.0	318					
23.8	1.1	313	23.8	1.3	314	23.8	1.1	312	23.8	0.96	315	23.8	0.98	316					
27.1	0.25	294	27.1	1.1	313	27.1	1.0	313	27.1	0.89	314	27.1	0.95	312					
30.4 btm			30.3	0.19	300	30.3	0.25	313	30.3	0.34	320	30.3	0.27	320					
			32.3 btm			33.5 btm			33.9 btm			33.6 btm							

Table 98.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)—
Continued

Distance from left bank (feet)											
1,540				1,572				1,605			
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth	Hdg	Vel
4.1	1.2	317	4.1	1.1	323	4.1	323	1.0	4.1	313	0.91
7.4	1.1	319	7.4	1.1	322	7.4	322	1.0	7.4	316	0.91
10.7	1.1	318	10.7	1.1	323	10.7	323	0.99	10.7	315	0.87
13.9	1.0	318	13.9	0.93	321	13.9	321	1.0	13.9	315	0.80
17.2	1.1	317	17.2	0.93	320	17.2	320	1.0	17.2	315	0.88
20.5	1.0	316	20.5	0.97	321	20.5	321	0.97	20.5	315	0.84
23.8	1.1	318	23.8	0.98	322	23.8	322	0.97	23.8	316	0.54
27.1	0.98	319	27.1	0.92	318	27.1	318	0.86	27.1	323	0.08
30.3	0.35	312	30.3	0.36	316	30.3	316	0.24	31.1	btm	btm
33.7	btm		33.7	btm		33.5	btm		28.8	btm	

Table 98.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst) — Continued

[illegible]

Table 98.—Velocity profiles for Lower Granite Reservoir at Snake River mile 119.00 on March 26, 1992 (1312 pst)—
Continued

Distance from left bank (feet)									
1,862					1,888				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth
4.1	0.32	288	4.1	0.19	303				
7.4	0.20	264	7.4	0.04	338				
10.7	0.03	251	9.2	btm					
12.7	btm								

Table 99.--Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
71			105			130			166			205		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.30	4	5.7	0.20	339	5.7	0.31	343	5.7	0.36	333	5.7	0.40	342
12.3	0.33	336	12.3	0.16	343	12.3	0.19	326	12.3	0.33	332	12.3	0.35	333
18.9	0.15	350	18.9	0.20	323	18.9	0.24	1	18.9	0.24	334	18.9	0.34	338
25.7 btm			25.4	0.02	348	25.4	0.08	4	25.4	0.20	329	25.4	0.36	337
			30.4 btm			33.0 btm			32.0	0.07	339	32.0	0.29	338
									38.9 btm			38.6	0.50	40
									52.4 btm			52.4		

Table 99.--Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst) - Continued

Distance from left bank (feet)																			
389				428				465				491				531			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.43	325	5.7	0.40	337	5.7	0.46	333	5.7	0.49	348	5.7	0.42	352					
12.3	0.40	322	12.3	0.38	330	12.3	0.39	326	12.3	0.46	343	12.3	0.36	346					
18.9	0.36	322	18.9	0.34	321	18.9	0.40	318	18.9	0.41	334	18.9	0.36	341					
25.4	0.40	320	25.4	0.34	319	25.4	0.37	319	25.4	0.36	330	25.4	0.33	335					
32.0	0.34	320	32.0	0.31	318	32.0	0.37	312	32.0	0.39	333	32.0	0.31	332					
38.6	0.34	320	38.6	0.33	321	38.6	0.34	315	38.6	0.35	334	38.6	0.29	333					
45.1	0.29	325	45.1	0.26	326	45.1	0.28	317	45.1	0.34	336	45.1	0.29	337					
51.7	0.25	338	51.7	0.22	337	51.7	0.28	325	51.7	0.31	338	51.7	0.27	343					
58.2	0.24	341	58.2	0.17	345	58.2	0.24	336	58.2	0.29	348	58.2	0.25	355					
64.8	0.20	355	64.8	0.14	352	64.8	0.18	343	64.8	0.26	359	64.8	0.26	5					
71.4	0.12	22	71.4	0.04	63	71.4	0.09	26	71.4	0.16	18	71.4	0.19	20					
74.8 btm			75.8 btm			77.3 btm			77.7 btm			79.1 btm							

Table 99.—Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst) — Continued

Distance from left bank (feet)																			
558				598				623				663				690			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.51	350		5.7	0.47	344		5.7	0.43	335		5.7	0.48	329		5.7	0.49	334	
12.3	0.48	342		12.3	0.43	334		12.3	0.37	328		12.3	0.43	316		12.3	0.43	329	
18.9	0.44	337		18.9	0.38	327		18.9	0.40	317		18.9	0.42	311		18.9	0.44	316	
25.4	0.43	334		25.4	0.37	328		25.4	0.38	319		25.4	0.41	316		25.4	0.43	312	
32.0	0.39	337		32.0	0.38	328		32.0	0.37	319		32.0	0.44	312		32.0	0.44	317	
38.6	0.40	335		38.6	0.37	325		38.6	0.36	321		38.6	0.44	311		38.6	0.43	317	
45.1	0.35	339		45.1	0.36	329		45.1	0.36	319		45.1	0.42	314		45.1	0.44	316	
51.7	0.34	340		51.7	0.36	332		51.7	0.31	322		51.7	0.36	312		51.7	0.40	320	
58.2	0.35	348		58.2	0.29	334		58.2	0.29	324		58.2	0.37	319		58.2	0.38	317	
64.8	0.30	353		64.8	0.24	344		64.8	0.24	340		64.8	0.33	321		64.8	0.35	326	
71.4	0.30	6		71.4	0.26	352		71.4	0.23	349		71.4	0.29	322		71.4	0.29	332	
77.9	0.28	57		77.9	0.10	28		77.9	0.09	15		77.9	0.22	317		77.9	0.23	330	
80.7	btm			82.3	btm			83.9	btm			85.4	btm			84.5	0.10	42	
																87.2	btm		

Table 99.--Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst)--
Continued

Distance from left bank (feet)																					
718					759					786					828					857	
Dpth	Vel	Hdg	Dpth	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.51	341	5.7	0.48	345	5.7	0.44	346	5.7	0.52	344	5.7	0.53	346	5.7	0.53	346	5.7	0.53	346	
12.3	0.44	340	12.3	0.44	337	12.3	0.40	337	12.3	0.44	338	12.3	0.49	344	12.3	0.49	344	12.3	0.49	344	
18.9	0.42	330	18.9	0.41	332	18.9	0.34	326	18.9	0.43	329	18.9	0.43	329	18.9	0.43	329	18.9	0.43	329	
25.4	0.39	324	25.4	0.45	325	25.4	0.38	322	25.4	0.47	323	25.4	0.47	323	25.4	0.47	323	25.4	0.47	323	
32.0	0.44	323	32.0	0.43	324	32.0	0.39	326	32.0	0.44	319	32.0	0.44	319	32.0	0.44	319	32.0	0.44	319	
38.6	0.42	324	38.6	0.43	323	38.6	0.38	323	38.6	0.45	319	38.6	0.45	319	38.6	0.45	319	38.6	0.45	319	
45.1	0.42	322	45.1	0.39	323	45.1	0.38	320	45.1	0.44	317	45.1	0.44	317	45.1	0.44	317	45.1	0.44	317	
51.7	0.40	321	51.7	0.40	317	51.7	0.34	323	51.7	0.43	323	51.7	0.43	323	51.7	0.43	323	51.7	0.43	323	
58.2	0.36	329	58.2	0.41	326	58.2	0.36	325	58.2	0.43	324	58.2	0.43	324	58.2	0.43	324	58.2	0.43	324	
64.8	0.35	328	64.8	0.36	329	64.8	0.35	323	64.8	0.43	321	64.8	0.43	321	64.8	0.43	321	64.8	0.43	321	
71.4	0.32	331	71.4	0.37	337	71.4	0.32	335	71.4	0.43	323	71.4	0.43	323	71.4	0.43	323	71.4	0.43	323	
77.9	0.27	337	77.9	0.40	340	77.9	0.35	328	77.9	0.40	328	77.9	0.40	328	77.9	0.40	328	77.9	0.40	328	
84.5	0.10	34	84.5	0.15	1	84.5	0.15	329	84.5	0.22	331	84.5	0.22	331	84.5	0.22	331	84.5	0.22	331	
88.8	btm		90.9	btm		93.5	btm		93.5	btm	38	91.0	0.06	38	91.0	0.06	38	91.0	0.12	343	
																		92.8	btm		

Table 99.—Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst) — Continued

Distance from left bank (feet)																								
885					926					954					982					1,023				
Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg				
5.7	0.55	338	5.7	0.52	339	5.7	0.54	342	5.7	0.50	350	5.7	0.58	344										
12.3	0.53	328	12.3	0.49	328	12.3	0.49	334	12.3	0.43	342	12.3	0.53	334										
18.9	0.51	320	18.9	0.44	318	18.9	0.50	328	18.9	0.44	332	18.9	0.48	328										
25.4	0.52	318	25.4	0.42	318	25.4	0.50	321	25.4	0.49	327	25.4	0.42	328										
32.0	0.49	318	32.0	0.46	312	32.0	0.51	322	32.0	0.45	316	32.0	0.46	323										
38.6	0.43	319	38.6	0.50	311	38.6	0.53	319	38.6	0.43	323	38.6	0.48	322										
45.1	0.43	321	45.1	0.46	313	45.1	0.47	318	45.1	0.43	319	45.1	0.39	328										
51.7	0.44	313	51.7	0.45	311	51.7	0.48	316	51.7	0.35	334	51.7	0.39	328										
58.2	0.46	314	58.2	0.44	315	58.2	0.44	325	58.2	0.35	334	58.2	0.39	328										
64.8	0.39	314	64.8	0.44	317	64.8	0.34	337	64.8	0.35	334	64.8	0.39	328										
71.4	0.37	314	71.4	0.36	327	71.4	0.27	328	71.4	0.35	334	71.4	0.39	328										
77.9	0.36	334	84.7	btm		76.9	btm		69.3	btm		58.0	btm											
84.5	0.35	336																						
90.0	btm																							

Table 99.—Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst) — Continued

[illegible]

Table 99.—Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 25, 1992 (1250 pst)—
Continued

Distance from left bank (feet)															
1,217				1,242				1,279				1,299			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth
5.7	0.49	313	5.7	0.27	310	5.7	0.41	328	5.7	0.23	0				
12.3	0.46	308	12.3	0.34	286	12.3	0.26	320	12.3	0.10	19				
18.9	0.46	308	18.9	0.20	321	18.9	0.08	16	16.7	btm					
25.4	0.07	24	25.4	0.15	230	21.9	btm								
30.2	btm		27.4	btm											

Table 100.--Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
58			86			123			152			182		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.19	232	5.7	0.84	236	5.7	0.98	232	5.7	1.0	229	5.7	1.1	225
12.7	btm		12.3	0.04	180	12.3	0.64	236	12.3	0.89	227	12.3	0.88	209
			18.1	btm		18.9	0.32	228	18.9	0.44	242	18.9	0.54	232
						22.5	btm		26.7	btm		25.4	0.16	211
												29.0	btm	

Table 100.—Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst) — Continued

Distance from left bank (feet)																			
214				245				278				319				348			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	1.3	224		5.7	1.3	229		5.7	1.4	226		5.7	1.4	231		5.7	1.4	229	
12.3	1.3	217		12.3	1.3	230		12.3	1.3	223		12.3	1.4	231		12.3	1.3	227	
18.9	0.95	210		18.9	1.1	227		18.9	1.3	221		18.9	1.3	229		18.9	1.3	220	
25.4	0.46	216		25.4	0.73	229		25.4	1.2	218		25.4	1.3	231		25.4	1.3	220	
32.8	btm			32.0	0.38	218		32.0	0.65	210		32.0	0.90	226		32.0	1.2	220	
				37.2	btm			40.1	btm			38.6	0.22	214		38.6	0.71	211	
												44.7	btm			52.5	btm		

Table 100.--Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst) - Continued

[illegible]

Table 100.—Velocity profiles for Lower Granite Reservoir at Snake River mile 113.90 on March 26, 1992 (1237 pst) — Continued

Distance from left bank (feet)														
1,029			1,061			1,100			1,130			1,161		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	1.4	244	5.7	1.4	242	5.7	1.4	247	5.7	1.2	251	5.7	1.1	244
12.3	1.3	244	12.3	1.3	244	12.3	1.3	250	12.3	1.1	250	12.3	0.99	249
18.9	1.3	244	18.9	1.3	245	18.9	1.3	248	18.9	1.0	250	18.9	1.0	249
25.4	1.2	245	25.4	1.3	243	25.4	1.2	250	25.4	0.90	250	25.4	0.87	238
32.0	1.2	242	32.0	1.2	244	32.0	1.1	249	32.0	0.83	249	32.0	0.68	239
38.6	1.1	242	38.6	1.1	240	38.6	1.0	245	38.6	0.84	249	38.6	0.46	240
45.1	1.0	242	45.1	1.0	240	45.1	0.98	241	45.1	0.73	252	45.1	btm	
51.7	0.97	241	51.7	0.96	239	51.7	0.86	238	51.7	0.47	244	51.7		
58.2	0.85	238	58.2	0.78	240	58.2	0.58	241	58.2	0.25	226	58.2		
64.8	0.31	235	64.8	0.32	225	64.8	btm		60.8	btm		60.8		
70.8	btm		69.5	btm		69.5	btm							

Table 101.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31
on February 27, 1992 (1429 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees
from magnetic North; btm, bottom]

Distance from left bank (feet)														
83			108			132			165			190		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.12	237	5.7	0.21	257	5.7	0.18	235	5.7	0.18	261	5.7	0.26	259
12.3	0.10	234	12.3	0.17	268	12.3	0.18	247	12.3	0.20	272	12.3	0.27	256
18.9	0.06	90	18.9	0.05	270	18.9	0.03	253	18.9	0.22	273	18.9	0.27	266
22.9 btm			21.6 btm			25.9 btm			25.4	0.16	325	25.4	0.24	270
									31.9 btm			32.0	0.08	263
									35.6 btm			35.6 btm		

Table 101.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31
on February 27, 1992 (1429 pst)—Continued

Distance from left bank (feet)																			
215				253				277				314				350			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg				
5.7	0.24	236	5.7	0.16	243	5.7	0.15	239	5.7	0.12	260	5.7	0.15	257					
12.3	0.22	251	12.3	0.15	246	12.3	0.15	258	12.3	0.14	260	12.3	0.20	265					
18.9	0.25	241	18.9	0.17	254	18.9	0.17	259	18.9	0.16	252	18.9	0.23	265					
25.4	0.28	256	25.4	0.22	261	25.4	0.23	253	25.4	0.17	256	25.4	0.19	265					
32.0	0.13	261	32.0	0.23	271	32.0	0.21	265	32.0	0.17	272	32.0	0.18	268					
39.7 btm			38.6	0.22	287	38.6	0.21	263	38.6	0.25	267	38.6	0.22	271					
			47.4 btm			45.1	0.14	293	45.1	0.21	274	45.1	0.20	282					
						51.8 btm			51.7	0.05	107	51.7	0.14	276					
									55.8 btm			58.6 btm							

Table 101.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31
on February 27, 1992 (1429 pst)—Continued

Distance from left bank (feet)																			
375				413				451				476				514			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.06	286		5.7	0.12	276		5.7	0.16	272		5.7	0.17	292		5.7	0.21	278	
12.3	0.07	280		12.3	0.16	276		12.3	0.19	277		12.3	0.19	279		12.3	0.20	279	
18.9	0.06	288		18.9	0.13	262		18.9	0.16	264		18.9	0.17	280		18.9	0.20	273	
25.4	0.07	219		25.4	0.13	267		25.4	0.19	261		25.4	0.17	284		25.4	0.22	270	
32.0	0.08	226		32.0	0.11	273		32.0	0.15	276		32.0	0.17	277		32.0	0.21	260	
38.6	0.06	257		38.6	0.12	281		38.6	0.18	273		38.6	0.20	279		38.6	0.20	270	
45.1	0.04	329		45.1	0.18	297		45.1	0.20	276		45.1	0.23	288		45.1	0.23	276	
51.7	0.05	349		51.7	0.16	298		51.7	0.14	302		51.7	0.09	334		51.7	0.11	298	
59.5 btm				58.2	0.10	47		58.2	0.10	11		59.7 btm				59.5 btm			
				59.8 btm				59.8 btm											

Table 101.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31
on February 27, 1992 (1429 pst)—Continued

Distance from left bank (feet)																					
540					579					604					1368					1968	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg				
5.7	0.20	310	5.7	0.27	293	5.7	0.19	261	23.6	0.50	-	22.4	0.47	-							
12.3	0.21	309	12.3	0.29	290	12.3	0.20	269	94.4	0.20	-	89.6	0.16	-							
18.9	0.19	300	18.9	0.27	282	18.9	0.23	259	118.0	btm											
25.4	0.14	288	25.4	0.32	278	25.4	0.24	253													
32.0	0.17	303	32.0	0.28	280	32.0	0.22	251													
38.6	0.10	312	38.6	0.25	276	38.6	0.16	252													
45.1	0.15	297	45.1	0.23	289	45.1	0.21	265													
51.7	0.15	320	51.7	0.23	296	51.7	0.14	264													
60.3 btm			58.2	0.09	10	58.2	0.10	90													
			60.8 btm			61.4 btm															

Table 101.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31
on February 27, 1992 (1429 pst)--Continued

Distance from left bank (feet)														
2568			2947			2977			2999			3010		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
17.2	0.48	-	5.7	0.62	250	5.7	0.51	220	5.7	0.59	236	5.7	0.32	194
68.8	0.28	-	12.3	0.58	251	12.3	0.46	215	12.3	0.55	204	12.3	0.25	193
86.0	btm		18.9	0.54	247	18.9	1.0	47	203			21.4	btm	
			25.4	0.53	249	25.4	25.4	169						
			32.0	btm		39.6	btm							

Table 102.-Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
75			115			145			176			209		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg			
5.7	0.02	111	5.7	0.09	267	5.7	0.17	118	5.7	0.12	186	5.7	0.08	136
12.6	btm		12.3	0.10	260	12.3	0.03	159	12.3	0.04	174	12.3	0.09	173
			18.6	btm		18.9	0.04	138	18.9	0.17	184	18.9	0.10	183
						21.9	btm		25.9	btm		25.4	0.10	22
												33.8	btm	

Table 102.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)—
Continued

Distance from left bank (feet)														
243			277			310			344			379		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.13	79	5.7	0.11	351	5.7	0.17	135	5.7	0.06	104	5.7	0.16	47
12.3	0.20	77	12.3	0.11	324	12.3	0.10	163	12.3	0.06	86	12.3	0.05	42
18.9	0.12	85	18.9	0.11	353	18.9	0.08	201	18.9	0.07	127	18.9	0.03	20
25.4	0.08	141	25.4	0.14	347	25.4	0.08	168	25.4	0.05	122	25.4	0.02	108
32.0	0.09	158	32.0	0.10	332	32.0	0.08	189	32.0	0.05	122	32.0	0.02	341
37.8 btm			42.7 btm			38.6	0.07	174	38.6	0.04	174	38.6	0.03	277
						45.3 btm			45.9 btm			46.1 btm		

Table 102.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)—
Continued

Distance from left bank (feet)														
413			430			464			498			532		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.07	92	5.7	0.26	148	5.7	0.10	76	5.7	0.11	159	5.7	0.12	73
12.3	0.01	198	12.3	0.09	117	12.3	0.05	75	12.3	0.08	199	12.3	0.05	81
18.9	0.03	264	18.9	0.13	24	18.9	0.10	273	18.9	0.11	220	18.9	0.02	0
25.4	0.03	263	25.4	0.21	171	25.4	0.10	97	25.4	0.09	190	25.4	0.04	197
32.0	0.02	278	32.0	0.18	159	32.0	0.09	67	32.0	0.08	209	32.0	0.04	41
38.6	0.08	311	38.6	0.17	184	38.6	0.05	14	38.6	0.13	235	38.6	0.08	353
46.2 btm			46.2 btm			46.3 btm			45.1	0.11	228	45.1	0.01	225
									46.7 btm			47.1 btm		

Table 102.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)—
Continued

Distance from left bank (feet)																			
565				598				629				659				706			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.13	178	5.7	0.06	60	5.7	0.06	47	5.7	0.13	202	5.7	0.07	180	5.7	0.07	180		
12.3	0.11	234	12.3	0.05	78	12.3	0.04	342	12.3	0.10	213	12.3	0.07	211	12.3	0.07	211		
18.9	0.12	214	18.9	0.03	330	18.9	0.14	332	18.9	0.31	192	18.9	0.08	267	18.9	0.08	267		
25.4	0.11	216	25.4	0.06	339	25.4	0.18	298	25.4	0.17	200	25.4	0.05	328	25.4	0.05	328		
32.0	0.09	242	32.0	0.06	25	32.0	0.06	339	32.0	0.20	232	32.0	0.09	173	32.0	0.09	173		
38.6	0.08	270	38.6	0.13	49	38.6	0.00	0	38.6	0.23	215	38.6	0.16	213	38.6	0.16	213		
45.1	0.13	219	45.1	0.08	14	45.1	0.08	223	45.1	0.07	180	45.1	0.17	221	45.1	0.17	221		
48.0 btm			50.6 btm			56.3 btm			61.3 btm			61.3 btm			51.7	0.11	311		
															58.2	0.05	3		
															64.4	btm			

Table 102.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst) — Continued

Distance from left bank (feet)																			
1,200				1,400				1,600				1,800				2,000			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
20.0	0.29	-		20.2	0.38	-		20.2	0.31	-		19.4	0.17	-		18.6	0.15	-	
40.0	0.31	-		40.4	0.34	-		40.4	0.23	-		38.8	0.16	-		37.2	0.14	-	
60.0	0.22	-		60.6	0.22	-		60.6	0.17	-		58.2	0.08	-		55.8	0.14	-	
80.0	0.27	-		80.8	0.08	-		80.8	0	-		77.6	0.13	-		74.4	0.13	-	
100.0	btm			101.0	btm			101.0	btm			97.0	btm			93.0	btm		

Table 102.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 07, 1992 (1403 pst)--
Continued

Distance from left bank (feet)											
2,854			2,885			2,913			2,948		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.18	284	5.7	0.22	258	5.7	0.19	217	5.7	0.04	251
12.3	0.21	284	12.3	0.23	259	12.3	0.20	205	12.3	0.5	126
18.9	0.26	276	18.9	0.31	258	18.9	0.24	209	18.9	0.32	194
25.4	0.28	284	25.4	0.32	257	25.4	0.29	187	24.4	btm	
32.0	0.31	281	32.0	0.29	256	41.7	btm				
38.6	0.27	279	38.6	0.23	260						
45.1	0.22	307	51.6	btm							
51.7	0.16	300									
68.8	btm										

Table 103.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)																			
90				124				148				186				222			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.09	31	5.7	0.18	331	5.7	0.18	333	5.7	0.16	347	5.7	0.24	330	5.7	0.24	330		
11.5	btm		12.3	0.11	0	12.3	0.16	334	12.3	0.16	353	12.3	0.23	341	12.3	0.23	341		
			18.9	0.02	153	18.9	0.05	31	18.9	0.10	0	18.9	0.22	345	18.9	0.22	345		
			20.4	btm		23.9	btm		25.4	0.22	52	25.4	0.10	3	25.4	0.10	3		
									28.1	btm		30.1	btm		30.1	btm			

Table 103.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)--
Continued

Distance from left bank (feet)														
257			280			317			353			378		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.25	343	5.7	0.24	320	5.7	0.21	341	5.7	0.16	348	5.7	0.09	342
12.3	0.20	350	12.3	0.16	319	12.3	0.20	349	12.3	0.17	351	12.3	0.07	344
18.9	0.21	354	18.9	0.13	323	18.9	0.21	350	18.9	0.19	357	18.9	0.10	347
25.4	0.11	16	25.4	0.02	326	25.4	0.07	349	25.4	0.07	24	25.4	0.01	90
30.5 btm			30.6 btm			30.7 btm			30.7 btm			30.8 btm		

Table 103.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)--
Continued

Distance from left bank (feet)														
416			453			478			516			554		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.21	332	5.7	0.15	317	5.7	0.07	33	5.7	0.09	351	5.7	0.11	295
12.3	0.21	339	12.3	0.15	321	12.3	0.09	17	12.3	0.08	2	12.3	0.09	298
18.9	0.18	340	18.9	0.15	325	18.9	0.06	356	18.9	0.08	21	18.9	0.05	277
25.4	0.15	339	25.4	0.09	323	25.4	0.07	48	25.4	0.05	23	25.4	0.04	261
31.2 btm			31.7 btm			32.0	0.02	135	32.0	0.03	18	32.0	0.04	237
						32.6 btm			36.3 btm			43.6 btm		

Table 103.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)—
Continued

Distance from left bank (feet)																			
580				619				645				684				709			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.13	344	5.7	0.09	335	5.7	0.18	347	5.7	0.08	339	5.7	0.09	323					
12.3	0.14	358	12.3	0.03	318	12.3	0.15	349	12.3	0.07	0	12.3	0.11	349					
18.9	0.06	15	18.9	0.04	344	18.9	0.16	350	18.9	0.04	19	18.9	0.07	354					
25.4	0.04	355	25.4	0.03	66	25.4	0.10	344	25.4	0.03	78	25.4	0.05	348					
32.0	0.06	34	32.0	0.06	135	32.0	0.06	323	32.0	0.05	122	32.0	0.05	75					
38.6	0.08	51	38.6	0.06	115	38.6	0.09	68	38.6	0.11	117	38.6	0.06	147					
45.1	0.10	24	45.1	0.04	85	45.1	0.11	16	45.1	0.07	106	45.1	0.04	72					
47.6 btm			48.8 btm			49.9 btm			51.0 btm			52.1 btm							

Table 103.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)—
Continued

Distance from left bank (feet)											
1,240				1,266				1,307			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.08	348		5.7	0.04	329		5.7	0.05	345	
12.3	0.06	353		12.3	0.03	296		12.3	0.05	26	
18.9	0.07	5		18.9	0.02	270		18.9	0.01	18	
25.4	0.06	310		25.4	0.05	241		25.4	0.01	315	
32.0	0.11	288		32.0	0.08	262		32.0	0.06	270	
38.6	0.14	289		38.6	0.11	264		38.6	0.06	297	
45.1	0.16	280		45.1	0.08	263		45.1	0.10	307	
51.7	0.13	287		51.7	0.07	270		51.7	0.13	311	
58.2	0.08	297		58.2	0.07	285		58.2	0.17	304	
64.8	0.05	312		64.8	0.06	244		64.8	0.20	312	
71.4	0.05	291		71.4	0.09	278		71.4	0.18	308	
77.9	0.06	286		77.9	0.06	302		77.9	0.16	295	
84.8 btm				86.0 btm				84.5	0.16	52	
								87.0 btm			
								5.7	0.08	258	
								12.3	0.07	233	
								18.9	0.10	233	
								25.4	0.10	252	
								32.0	0.13	271	
								38.6	0.15	277	
								45.1	0.20	281	
								51.7	0.22	284	
								58.2	0.30	292	
								64.8	0.33	287	
								71.4	0.31	288	
								77.9	0.23	290	
								84.5	0.03	270	
								87.8 btm			
								5.7	0.08	258	
								12.3	0.07	233	
								18.9	0.10	233	
								25.4	0.10	252	
								32.0	0.13	271	
								38.6	0.15	277	
								45.1	0.20	281	
								51.7	0.22	284	
								58.2	0.30	292	
								64.8	0.33	287	
								71.4	0.31	288	
								77.9	0.23	290	
								84.5	0.03	270	
								88.4 btm			

Table 103.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst) — Continued

Distance from left bank (feet)																			
1,400				1,427				1,468				1,495				1,535			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.04	8	5.7	0.17	330	5.7	0.07	292	5.7	0.05	277	5.7	0.09	318					
12.3	0.03	96	12.3	0.13	318	12.3	0.05	281	12.3	0.04	257	12.3	0.07	318					
18.9	0.02	170	18.9	0.12	320	18.9	0.08	262	18.9	0.06	257	18.9	0.12	309					
25.4	0.06	212	25.4	0.16	292	25.4	0.11	270	25.4	0.07	285	25.4	0.14	297					
32.0	0.07	280	32.0	0.23	302	32.0	0.11	286	32.0	0.12	285	32.0	0.20	308					
38.6	0.08	304	38.6	0.23	307	38.6	0.15	292	38.6	0.14	295	38.6	0.26	312					
45.1	0.13	313	45.1	0.27	312	45.1	0.19	295	45.1	0.22	308	45.1	0.27	306					
51.7	0.18	308	51.7	0.31	313	51.7	0.25	298	51.7	0.25	293	51.7	0.28	297					
58.2	0.17	311	58.2	0.32	311	58.2	0.25	298	58.2	0.27	300	58.2	0.29	296					
64.8	0.19	300	64.8	0.37	310	64.8	0.26	299	64.8	0.27	297	64.8	0.30	299					
71.4	0.23	300	71.4	0.34	310	71.4	0.25	298	71.4	0.22	292	71.4	0.27	295					
77.9	0.18	306	77.9	0.34	316	77.9	0.24	300	77.9	0.21	317	77.9	0.25	308					
84.5	0.05	183	84.5	0.09	301	84.5	0.06	255	84.5	0.04	228	84.5	0.07	272					
88.8 btm			89.1 btm			89.2 btm			89.2 btm			89.0 btm							

Table 103.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)--
Continued

Distance from left bank (feet)											
1,563				1,604				1,632			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Vel	Hdg	Dpth
5.7	0.04	303	5.7	0.09	336	5.7	0.06	319	5.7	0.11	8
12.3	0.03	255	12.3	0.07	336	12.3	0.05	323	12.3	0.07	54
18.9	0.03	253	18.9	0.12	331	18.9	0.04	323	18.9	0.05	10
25.4	0.10	290	25.4	0.17	336	25.4	0.05	315	25.4	0.10	340
32.0	0.14	313	32.0	0.19	326	32.0	0.13	308	32.0	0.12	336
38.6	0.22	313	38.6	0.22	318	38.6	0.16	312	38.6	0.16	329
45.1	0.21	305	45.1	0.26	309	45.1	0.23	295	45.1	0.11	306
51.7	0.27	302	51.7	0.26	300	51.7	0.26	296	51.7	0.15	304
58.2	0.27	299	58.2	0.29	299	58.2	0.25	289	58.2	0.17	300
64.8	0.30	302	64.8	0.29	301	64.8	0.21	292	64.8	0.19	306
71.4	0.26	311	71.4	0.27	311	71.4	0.23	292	71.4	0.17	315
77.9	0.17	296	77.9	0.25	316	77.9	0.15	302	77.9	0.10	321
84.5	0.04	192	84.5	0.02	291	84.5	0.05	127	84.5	0.07	97
88.6 btm			87.9 btm			87.2 btm			86.6 btm		

Table 103.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)—
Continued

Distance from left bank (feet)														
2,055			2,094			2,120			2,158			2,184		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.30	320	5.7	0.37	319	5.7	0.36	312	5.7	0.31	308	5.7	0.36	306
12.3	0.29	313	12.3	0.36	315	12.3	0.33	315	12.3	0.27	310	12.3	0.30	307
18.9	0.27	312	18.9	0.34	324	18.9	0.33	311	18.9	0.24	312	18.9	0.29	316
25.4	0.24	318	25.4	0.29	319	25.4	0.26	316	25.4	0.20	309	25.4	0.26	311
32.0	0.24	323	32.0	0.27	319	32.0	0.23	313	32.0	0.17	311	32.0	0.22	314
38.6	0.22	319	38.6	0.29	317	38.6	0.21	320	38.6	0.18	312	38.6	0.23	310
45.1	0.21	317	45.1	0.23	321	45.1	0.22	316	45.1	0.16	312	45.1	0.18	305
51.7	0.18	320	51.7	0.23	323	51.7	0.14	321	51.7	0.13	323	51.7	0.20	311
58.2	0.21	332	58.2	0.14	340	58.2	0.07	342	58.2	0.07	53	58.2	0.09	349
64.8	0.12	331	67.0	btm		64.4	btm		64.4	btm		64.0	btm	
70.3	btm													

Table 103.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)—
Continued

Distance from left bank (feet)														
2,392			2,417			2,456			2,482			2,520		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.39	319	5.7	0.44	320	5.7	0.38	309	5.7	0.42	307	5.7	0.40	312
12.3	0.33	323	12.3	0.41	324	12.3	0.28	317	12.3	0.38	312	12.3	0.34	315
18.9	0.28	322	18.9	0.34	325	18.9	0.26	311	18.9	0.33	312	18.9	0.27	319
25.4	0.23	315	25.4	0.34	325	25.4	0.23	314	25.4	0.28	321	25.4	0.24	317
32.0	0.21	306	32.0	0.32	323	32.0	0.17	306	32.0	0.22	309	32.0	0.17	305
38.6	0.18	302	38.6	0.26	322	38.6	0.12	300	38.6	0.19	298	38.6	0.20	303
45.1	0.17	315	45.1	0.22	320	45.1	0.14	299	45.1	0.15	297	45.1	0.18	301
51.7	0.14	324	51.7	0.19	335	51.7	0.06	356	51.7	0.12	331	51.7	0.12	302
58.2	0.05	0	58.2	0.09	332	58.2	0.05	119	58.2	0.03	39	58.2	0.06	312
60.1 btm			60.3 btm			60.6 btm			60.5 btm			60.1 btm		

Table 103.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)–

Distance from left bank (feet)																			
2,546				2,586				2,612				2,651				2,677			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.42	329	5.7	0.27	327	5.7	0.45	322	5.7	0.32	318	5.7	0.30	329					
12.3	0.33	331	12.3	0.20	330	12.3	0.43	325	12.3	0.24	318	12.3	0.20	306					
18.9	0.27	327	18.9	0.16	319	18.9	0.32	314	18.9	0.17	310	18.9	0.14	308					
25.4	0.25	326	25.4	0.15	306	25.4	0.26	316	25.4	0.18	301	25.4	0.14	297					
32.0	0.25	318	32.0	0.13	312	32.0	0.28	322	32.0	0.15	305	32.0	0.16	300					
38.6	0.23	321	38.6	0.13	301	38.6	0.27	312	38.6	0.18	306	38.6	0.21	288					
45.1	0.20	327	45.1	0.10	318	45.1	0.26	310	45.1	0.19	309	45.1	0.16	298					
51.7	0.18	329	51.7	0.09	315	51.7	0.23	317	51.7	0.13	323	51.7	0.12	321					
58.2	0.12	339	58.2	0.02	11	58.2	0.14	328	58.2	0.05	320	58.2	0.05	322					
60.0 btm			60.2 btm			60.3 btm			60.1 btm			59.7 btm							

Table 103.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 20, 1992 (1210 pst)—
Continued

Distance from left bank (feet)									
2,873				2,909				2,919	
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Hdg
5.7	0.19	333		5.7	0.17	334		5.7	0.05
12.3	0.11	323		12.3	0.09	351		12.3	0.08
18.9	0.15	322		18.9	0.12	345		18.9	0.41
25.4	0.12	319		25.4	0.22	23		24.6	btm
32.0	0.14	326		32.0	0.66	47			
38.6	0.12	356		38.0	btm				
51.5	btm								

Table 104.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
61			92			126			162			197		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg		
5.7	0.05	227	5.7	0.23	351	5.7	0.11	335	5.7	0.17	326	5.7	0.19	346
10.2 btm			12.3	0.09	31	12.3	0.07	2	12.3	0.14	344	12.3	0.16	352
			15.9 btm			20.3 btm			18.9	0.07	20	18.9	0.13	12
									24.4 btm			25.2 btm		

Table 104.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)--
Continued

Distance from left bank (feet)														
233			256			291			327			364		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.15	339	5.7	0.18	264	5.7	0.10	260	5.7	0.13	304	5.7	0.14	307
12.3	0.09	345	12.3	0.14	249	12.3	0.09	247	12.3	0.10	240	12.3	0.09	323
18.9	0.07	351	18.9	0.13	227	18.9	0.11	247	18.9	0.05	225	18.9	0.10	330
25.4	btm		25.4	btm		25.4	btm		25.4	btm		25.4	0.07	267
												25.9	btm	

Table 104.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)--
Continued

Distance from left bank (feet)														
388			424			461			486			524		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.15	336	5.7	0.09	345	5.7	0.13	297	5.7	0.11	278	5.7	0.07	294
12.3	0.07	341	12.3	0.05	100	12.3	0.06	263	12.3	0.11	256	12.3	0.12	227
18.9	0.07	0	18.9	0.06	63	18.9	0.05	291	18.9	0.13	272	18.9	0.12	240
25.4	0.06	227	25.4	0.09	104	25.4	0.04	340	25.4	0.04	210	25.4	0.06	233
26.3 btm			26.8 btm			29.2 btm			34.5 btm			32.0	0.12	130
												40.6	btm	

Table 104.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)—
Continued

Distance from left bank (feet)										
562			587			623			660	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
5.7	0.17	14	5.7	0.16	323	5.7	0.10	266	5.7	0.11
12.3	0.03	320	12.3	0.19	320	12.3	0.07	255	12.3	0.11
18.9	0.07	0	18.9	0.23	315	18.9	0.07	272	18.9	0.06
25.4	0.08	66	25.4	0.20	305	25.4	0.05	7	25.4	0.11
32.0	0.16	59	32.0	0.08	357	32.0	0.06	293	32.0	0.04
38.6	0.11	39	38.6	0.09	294	38.6	0.10	270	38.6	0.11
42.8 btm			44.2 btm			45.3 btm			45.1	0.11
									46.7 btm	28
									47.7 btm	

Table 104.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst) -- Continued

Distance from left bank (feet)																			
884				922				947				987				1,013			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.04	322	5.7	0.18	321	5.7	0.16	63	5.7	0.19	50	5.7	0.09	255					
12.3	0.07	270	12.3	0.16	304	12.3	0.09	90	12.3	0.14	57	12.3	0.09	320					
18.9	0.07	259	18.9	0.16	282	18.9	0.21	152	18.9	0.05	78	18.9	0.12	298					
25.4	0.06	222	25.4	0.18	286	25.4	0.25	132	25.4	0.05	162	25.4	0.07	217					
32.0	0.05	180	32.0	0.18	231	32.0	0.34	138	32.0	0.07	120	32.0	0.16	148					
38.6	0.06	122	38.6	0.10	230	38.6	0.48	169	38.6	0.20	84	38.6	0.13	154					
45.1	0.07	63	45.1	0.14	244	45.1	0.40	157	45.1	0.18	124	45.1	0.19	183					
57.1 btm			51.7	0.19	198	51.7	0.29	105	51.7	0.28	91	51.7	0.11	111					
			64.2 btm			58.2	0.16	136	58.2	0.23	52	58.2	0.24	135					
						64.8	0.16	112	67.2 btm			64.8	0.14	141					
						72.0 btm						71.4	0.02	53					
												76.2 btm							

Table 104.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst) — Continued

Distance from left bank (feet)																			
1,055				1,082				1,107				1,146				1,184			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.13	339		5.7	0.49	59		5.7	0.36	270		5.7	0.17	316		5.7	0.30	271	
12.3	0.14	338		12.3	0.58	70		12.3	0.41	239		12.3	0.13	265		12.3	0.30	254	
18.9	0.13	275		18.9	0.52	59		18.9	0.45	237		18.9	0.05	315		18.9	0.22	235	
25.4	0.08	279		25.4	0.49	69		25.4	0.28	243		25.4	0.10	313		25.4	0.27	242	
32.0	0.05	315		32.0	0.38	92		32.0	0.26	221		32.0	0.09	328		32.0	0.21	226	
38.6	0.06	154		38.6	0.51	78		38.6	0.34	233		38.6	0.14	281		38.6	0.09	252	
45.1	0.07	30		45.1	0.50	83		45.1	0.30	231		45.1	0.22	255		45.1	0.06	186	
51.7	0.10	106		51.7	0.77	85		51.7	0.35	227		51.7	0.05	323		51.7	0.08	204	
58.2	0.14	50		58.2	0.78	81		58.2	0.30	197		58.2	0.09	85		58.2	0.07	249	
64.8	0.28	80		63.6	btm			64.8	0.26	178		64.8	0.15	105		64.8	0.05	7	
71.4	0.05	34						75.2	btm			71.4	0.12	71		71.4	0.10	262	
76.5	btm							77.3	btm			77.2	btm						

Table 104.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst) -- Continued

Distance from left bank (feet)														
1,212			1,238			1,281			1,307			1,336		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.35	54	5.7	0.25	307	5.7	0.52	338	5.7	0.31	282	5.7	0.21	24
12.3	0.35	73	12.3	0.22	274	12.3	0.53	347	12.3	0.22	273	12.3	0.14	56
18.9	0.29	78	18.9	0.23	263	18.9	0.48	343	18.9	0.23	268	18.9	0.14	24
25.4	0.29	68	25.4	0.14	275	25.4	0.51	349	25.4	0.30	259	25.4	0.25	18
32.0	0.37	81	32.0	0.13	348	32.0	0.35	350	32.0	0.24	254	32.0	0.37	45
38.6	0.41	69	38.6	0.11	284	38.6	0.36	335	38.6	0.32	277	38.6	0.34	48
45.1	0.32	95	45.1	0.06	170	45.1	0.28	356	45.1	0.28	253	45.1	0.10	90
51.7	0.47	88	51.7	0.12	165	51.7	0.31	1	51.7	0.31	262	51.7	0.20	104
58.2	0.77	75	58.2	0.19	194	58.2	0.22	11	58.2	0.16	218	58.2	0.37	91
64.8	0.73	83	64.8	0.16	112	64.8	0.34	22	64.8	0.23	157	64.8	0.50	70
71.4	0.44	76	71.4	0.07	112	71.4	0.20	8	71.4	0.17	151	71.4	0.41	70
76.8 btm			80.2 btm			78.3 btm			80.5 btm			77.9	0.22	70
												81.4 btm		

Table 104.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst) — Continued

Distance from left bank (feet)														
2,193			2,232			2,257			2,296			2,322		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.37	319	5.7	0.33	317	5.7	0.44	311	5.7	0.30	315	5.7	0.36	315
12.3	0.36	315	12.3	0.33	312	12.3	0.38	301	12.3	0.26	317	12.3	0.33	318
18.9	0.34	314	18.9	0.29	313	18.9	0.31	303	18.9	0.22	325	18.9	0.30	320
25.4	0.26	311	25.4	0.24	315	25.4	0.26	305	25.4	0.18	332	25.4	0.27	323
32.0	0.22	319	32.0	0.22	311	32.0	0.24	308	32.0	0.14	334	32.0	0.19	322
38.6	0.21	323	38.6	0.20	322	38.6	0.22	304	38.6	0.10	340	38.6	0.14	329
45.1	0.16	352	45.1	0.11	343	45.1	0.17	297	45.1	0.10	352	45.1	0.16	337
51.7	0.12	352	51.7	0.03	305	51.7	0.07	309	51.7	0.05	68	51.7	0.04	28
54.7 btm			53.2 btm			54.1 btm			54.2 btm			54.3 btm		

Table 104.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst) --
Continued

Distance from left bank (feet)														
2,360			2,385			2,423			2,461			2,486		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.34	312	5.7	0.33	301	5.7	0.40	304	5.7	0.45	301	5.7	0.41	299
12.3	0.29	321	12.3	0.29	305	12.3	0.33	306	12.3	0.37	303	12.3	0.34	296
18.9	0.25	324	18.9	0.30	306	18.9	0.33	312	18.9	0.35	307	18.9	0.30	301
25.4	0.21	335	25.4	0.25	304	25.4	0.30	314	25.4	0.33	311	25.4	0.27	308
32.0	0.20	315	32.0	0.21	311	32.0	0.26	313	32.0	0.30	318	32.0	0.24	323
38.6	0.15	321	38.6	0.17	310	38.6	0.18	315	38.6	0.24	315	38.6	0.20	323
45.1	0.12	348	45.1	0.14	316	45.1	0.17	330	45.1	0.19	334	45.1	0.12	347
51.7	0.07	46	51.7	0.02	338	51.7	0.04	333	51.7	0.04	307	51.7	0.04	164
54.6 btm			55.0 btm			55.1 btm			54.8 btm			54.7 btm		

Table 104.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst) — Continued

Distance from left bank (feet)														
2,525			2,551			2,589			2,626			2,652		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.39	304	5.7	0.42	310	5.7	0.41	300	5.7	0.39	288	5.7	0.36	304
12.3	0.37	306	12.3	0.37	311	12.3	0.36	304	12.3	0.32	289	12.3	0.32	311
18.9	0.31	317	18.9	0.35	318	18.9	0.33	308	18.9	0.27	297	18.9	0.27	321
25.4	0.30	326	25.4	0.34	319	25.4	0.28	318	25.4	0.22	304	25.4	0.26	327
32.0	0.27	323	32.0	0.32	326	32.0	0.27	320	32.0	0.18	302	32.0	0.20	328
38.6	0.25	337	38.6	0.25	333	38.6	0.20	323	38.6	0.11	303	38.6	0.15	339
45.1	0.21	344	45.1	0.25	344	45.1	0.17	331	45.1	0.12	323	45.1	0.10	0
51.7	0.06	42	51.7	0.05	7	51.7	0.02	18	51.7	0.04	175	51.7	0.07	79
54.8 btm			55.0 btm			55.0 btm			54.7 btm			53.7 btm		

Table 104.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 25, 1992 (1318 pst)--
Continued

Distance from left bank (feet)														
2,689			2,714			2,752			2,791			2,816		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.41	299	5.7	0.40	306	5.7	0.32	310	5.7	0.35	306	5.7	0.40	307
12.3	0.40	297	12.3	0.36	304	12.3	0.26	313	12.3	0.34	311	12.3	0.34	305
18.9	0.32	301	18.9	0.34	310	18.9	0.28	311	18.9	0.34	320	18.9	0.32	310
25.4	0.29	302	25.4	0.28	316	25.4	0.24	309	25.4	0.26	308	25.4	0.26	315
32.0	0.22	310	32.0	0.20	323	32.0	0.19	315	32.0	0.16	315	32.0	0.36	323
38.6	0.13	307	38.6	0.17	337	38.6	0.13	298	38.6	0.21	317	38.6	0.32	319
45.1	0.05	307	45.1	0.08	12	45.1	0.05	31	45.1	0.11	328	45.1	0.24	308
51.2 btm			49.9 btm			53.3 btm			51.7	0.27	59	50.3	btm	
									55.2 btm					

Table 105.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
61			89			123			160			185		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.04	282	5.7	0.20	309	5.7	0.25	346	5.7	0.23	342	5.7	0.24	323
7.2	btm		12.3	0.08	200	12.3	0.14	13	12.3	0.25	343	12.3	0.20	331
			14.5	btm		18.6	btm		18.9	0.05	351	18.9	0.04	307
									22.9	btm		23.9	btm	

Table 105.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)—
Continued

Distance from left bank (feet)																			
224				261				286				322				357			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.23	341	5.7	0.24	320	5.7	0.19	316	5.7	0.11	307	5.7	0.19	304					
12.3	0.22	348	12.3	0.17	336	12.3	0.20	328	12.3	0.11	323	12.3	0.18	307					
18.9	0.09	0	18.9	0.11	321	18.9	0.12	321	18.9	0.01	341	18.9	0.07	306					
24.2 btm			24.4 btm			24.5 btm			24.5 btm			24.7 btm							

Table 105.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)—
Continued

Distance from left bank (feet)														
392			417			453			490			515		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.16	304	5.7	0.08	2	5.7	0.17	309	5.7	0.19	315	5.7	0.15	307
12.3	0.12	316	12.3	0.10	24	12.3	0.18	286	12.3	0.21	332	12.3	0.13	329
18.9	0.04	279	18.9	0.12	61	18.9	0.12	285	18.9	0.15	347	18.9	0.02	351
25.2 btm			25.6 btm			25.4	0.11	176	25.4	0.13	10	25.4	0.03	26
						27.1 btm			32.6	btm		32.0	0.16	34
												39.2	btm	

Table 105.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst) - Continued

Distance from left bank (feet)														
717			742			780			817			842		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.17	309	5.7	0.29	322	5.7	0.24	322	5.7	0.26	316	5.7	0.32	311
12.3	0.16	291	12.3	0.26	324	12.3	0.18	330	12.3	0.19	333	12.3	0.24	320
18.9	0.11	287	18.9	0.16	326	18.9	0.12	337	18.9	0.17	326	18.9	0.22	318
25.4	0.04	255	25.4	0.15	333	25.4	0.09	331	25.4	0.11	323	25.4	0.25	348
32.0	0.04	189	32.0	0.09	328	32.0	0.05	0	32.0	0.09	330	32.0	0.25	340
38.6	0.02	188	38.6	0.12	353	38.6	0.03	32	38.6	0.08	352	38.6	0.16	350
45.1	0.01	90	45.1	0.12	349	45.1	0.07	25	45.1	0.04	10	45.1	0.10	348
47.2 btm			47.5 btm			47.8 btm			48.0 btm			48.2 btm		

Table 105.--Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst) - Continued

Distance from left bank (feet)																			
880				907				946				972				1,011			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.23	317	5.7	0.18	321	5.7	0.22	303	5.7	0.21	305	5.7	0.33	269					
12.3	0.20	329	12.3	0.17	327	12.3	0.20	335	12.3	0.23	320	12.3	0.26	275					
18.9	0.16	345	18.9	0.11	331	18.9	0.13	339	18.9	0.14	295	18.9	0.19	283					
25.4	0.12	345	25.4	0.08	333	25.4	0.09	322	25.4	0.22	283	25.4	0.15	271					
32.0	0.11	358	32.0	0.05	323	32.0	0.07	318	32.0	0.12	293	32.0	0.16	261					
38.6	0.09	14	38.6	0.05	90	38.6	0.01	161	38.6	0.11	297	38.6	0.13	267					
45.1	0.10	48	45.1	0.01	104	45.1	0.01	75	45.1	0.13	65	45.1	0.07	255					
53.3 btm			62.6 btm			51.7	0.01	14	51.7	0.05	56	51.7	0.07	221					
						58.2	0.78	51	58.2	0.04	41	58.2	0.08	140					
						64.8	0.76	48	64.8	0.08	51	64.8	0.10	168					
						71.1 btm			71.4	0.09	30	71.4	0.11	228					
									74.7 btm			74.5 btm							

Table 105.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)—
Continued

Distance from left bank (feet)																													
2,192						2,230						2,254						2,291						2,316					
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg						
5.7	0.40	307	5.7	0.41	306	5.7	0.54	299	5.7	0.50	305	5.7	0.51	311	5.7	0.51	311	5.7	0.51	311	5.7	0.51	311						
12.3	0.34	311	12.3	0.35	308	12.3	0.47	300	12.3	0.42	305	12.3	0.46	308	12.3	0.46	308	12.3	0.46	308	12.3	0.46	308						
18.9	0.31	310	18.9	0.34	304	18.9	0.41	303	18.9	0.36	304	18.9	0.40	311	18.9	0.40	311	18.9	0.40	311	18.9	0.40	311						
25.4	0.24	317	25.4	0.29	309	25.4	0.35	301	25.4	0.32	303	25.4	0.32	307	25.4	0.32	307	25.4	0.32	307	25.4	0.32	307						
32.0	0.21	306	32.0	0.22	310	32.0	0.28	296	32.0	0.26	296	32.0	0.24	309	32.0	0.24	309	32.0	0.24	309	32.0	0.24	309						
38.6	0.14	318	38.6	0.15	302	38.6	0.23	297	38.6	0.26	300	38.6	0.19	316	38.6	0.19	316	38.6	0.19	316	38.6	0.19	316						
45.1	0.12	327	45.1	0.11	349	45.1	0.15	299	45.1	0.17	320	45.1	0.21	340	45.1	0.21	340	45.1	0.21	340	45.1	0.21	340						
51.7	0.08	357	51.7	0.13	325	51.7	0.15	299	51.7	0.06	150	51.7	0.06	51	51.7	0.06	51	51.7	0.06	51	51.7	0.06	51						
55.3 btm			54.3 btm			52.6 btm			53.5 btm			53.5 btm			53.5 btm			53.5 btm			53.5 btm								

Table 105.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)—
Continued

Distance from left bank (feet)																	
2,687			2,713			2,751			2,777			2,815					
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg			
5.7	0.20	328	5.7	0.29	323	5.7	0.23	326	5.7	0.10	317	5.7	0.20	312			
12.3	0.20	333	12.3	0.21	334	12.3	0.25	331	12.3	0.07	344	12.3	0.13	318			
18.9	0.19	334	18.9	0.22	331	18.9	0.19	333	18.9	0.03	311	18.9	0.14	324			
25.4	0.17	330	25.4	0.21	335	25.4	0.16	344	25.4	0.03	347	25.4	0.12	325			
32.0	0.13	348	32.0	0.14	327	32.0	0.13	336	32.0	0.10	141	32.0	0.12	341			
38.6	0.06	12	38.6	0.10	317	38.6	0.12	353	38.6	0.05	107	38.6	0.19	336			
45.1	0.07	8	45.1	0.06	353	45.1	0.16	42	45.1	0.07	125	45.1	btm				
51.1	btm		48.9	btm		50.8	btm		54.4	btm							

Table 105.—Velocity profiles for Lower Granite Reservoir at Snake River mile 108.31 on March 26, 1992 (1012 pst)—
Continued

Distance from left bank (feet)									
2,853					2,873				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Hdg
5.7	0.18	313	5.7	0.13	311				
12.3	0.12	313	12.3	0.06	332				
18.9	0.11	328	18.9	0.25	46				
25.4	0.15	322	27.0	btm					
32.7	btm								

Table 106.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees
from magnetic North; btm, bottom]

Distance from left bank (feet)												
47			75			106			144			171
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	
5.7	0.03	185	5.7	0.08	287	5.7	0.11	286	5.7	0.07	264	
9.2	btm		12.3	0.13	319	12.3	0.05	258	12.3	0.01	243	
			19.4	btm		18.9	0.08	293	18.9	0.09	90	
						25.4	0.35	33	25.4	0.16	83	
						38.7	btm		32.0	0.10	65	
									38.6	0.17	88	
									45.1	0.25	75	
									51.7	0.06	110	
									59.7	btm		

Table 106.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)—Continued

Distance from left bank (feet)																			
212				239				267				309				322			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.10	7		5.7	0.10	358		5.7	0.07	281		5.7	0.27	316		5.7	0.21	298	
12.3	0.14	58		12.3	0.07	22		12.3	0.08	120		12.3	0.24	318		12.3	0.20	286	
18.9	0.11	84		18.9	0.11	13		18.9	0.05	237		18.9	0.27	313		18.9	0.13	294	
25.4	0.09	129		25.4	0.18	58		25.4	0.13	227		25.4	0.24	333		25.4	0.16	289	
32.0	0.03	143		32.0	0.14	119		32.0	0.17	255		32.0	0.24	345		32.0	0.12	268	
38.6	0.04	135		38.6	0.04	307		38.6	0.20	311		38.6	0.33	347		38.6	0.20	292	
45.1	0.07	161		45.1	0.06	346		45.1	0.09	316		45.1	0.33	331		45.1	0.12	299	
51.7	0.06	119		51.7	0.18	78		51.7	0.25	38		51.7	0.24	325		51.7	0.12	96	
65.8 btm				58.2	0.03	339		58.2	0.34	37		58.2	0.25	352		58.2	0.15	44	
				68.5 btm				64.8	0.16	352		64.8	0.18	336		64.8	0.18	13	
								71.4	0.14	50		71.4	btm			71.4	0.17	43	
								73.0 btm				73.1	btm			73.1	btm		

Table 106.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)—
Continued

Distance from left bank (feet)																			
567				584				613				655				683			

Table 106.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst) — Continued

Distance from left bank (feet)														
1,039			1,079			1,105			1,146			1,173		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.23	305	5.7	0.23	299	5.7	0.30	295	5.7	0.32	292	5.7	0.24	313
12.3	0.12	286	12.3	0.17	296	12.3	0.19	296	12.3	0.25	280	12.3	0.20	310
18.9	0.16	289	18.9	0.13	284	18.9	0.19	285	18.9	0.23	278	18.9	0.19	295
25.4	0.16	293	25.4	0.14	271	25.4	0.17	258	25.4	0.23	265	25.4	0.18	300
32.0	0.15	299	32.0	0.12	277	32.0	0.16	274	32.0	0.20	265	32.0	0.15	303
38.6	0.09	284	38.6	0.10	260	38.6	0.16	279	38.6	0.16	268	38.6	0.15	292
45.1	0.08	281	45.1	0.11	261	45.1	0.14	291	45.1	0.12	266	45.1	0.12	295
51.7	0.06	263	51.7	0.09	272	51.7	0.14	287	51.7	0.14	272	51.7	0.12	302
58.2	0.05	278	58.2	0.09	290	58.2	0.13	285	58.2	0.14	264	58.2	0.14	307
64.8	0.06	276	64.8	0.03	286	64.8	0.09	309	64.8	0.11	278	64.8	0.08	299
71.4	0.06	70	71.4	0.04	67	71.4	0.03	299	71.4	0.08	289	71.4	0.08	330
77.8 btm			79.3 btm			80.9 btm			82.4 btm			77.9	0.10	3
												84.4 btm		

Table 106.--Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)--
Continued

Distance from left bank (feet)										
2,021			2,059			2,098			2,123	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
5.7	0.36	293	5.7	0.37	296	5.7	0.30	288	5.7	0.28
12.3	0.23	290	12.3	0.26	291	12.3	0.20	282	12.3	0.19
18.9	0.18	289	18.9	0.21	287	18.9	0.17	272	18.9	0.18
25.4	0.17	301	25.4	0.20	286	25.4	0.18	274	25.4	0.17
32.0	0.14	318	32.0	0.17	294	32.0	0.16	279	32.0	0.14
38.6	0.14	311	38.6	0.17	300	38.6	0.13	292	38.6	0.12
45.1	0.06	20	45.1	0.06	351	45.1	0.03	36	45.1	0.02
49.8 btm			50.5 btm			50.9 btm			50.8 btm	

Table 106.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)—Continued

Distance from left bank (feet)																			
2,524				2,549				2,588				2,613				2,652			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.32	306		5.7	0.34	305		5.7	0.34	307		5.7	0.34	300		5.7	0.38	300	
12.3	0.21	300		12.3	0.25	299		12.3	0.27	303		12.3	0.26	288		12.3	0.33	295	
18.9	0.17	303		18.9	0.18	286		18.9	0.26	292		18.9	0.25	285		18.9	0.28	293	
25.4	0.12	302		25.4	0.20	282		25.4	0.23	289		25.4	0.19	283		25.4	0.27	290	
32.0	0.12	299		32.0	0.16	279		32.0	0.21	291		32.0	0.20	281		32.0	0.26	284	
38.6	0.10	310		38.6	0.10	305		38.6	0.20	280		38.6	0.17	295		38.6	0.26	291	
45.1	0.08	25		45.1	0.06	340		45.1	0.03	348		45.1	0.02	258		45.1	0.09	306	
48.1 btm				48.4 btm				48.9 btm				49.3 btm				49.2 btm			

Table 106.--Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)--
Continued

Distance from left bank (feet)										
2,846			2,883			2,909			2,947	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
5.7	0.26	307	5.7	0.16	284	5.7	0.32	304	5.7	0.27
12.3	0.24	276	12.3	0.12	250	12.3	0.29	288	12.3	0.18
18.9	0.16	291	18.9	0.02	308	18.9	0.31	294	18.9	0.15
25.4	0.16	296	25.4	0.04	341	25.4	0.26	337	25.4	0.15
32.0	0.06	333	32.0	0.10	69	33.2	btm		24.3	btm
38.1	btm		37.0	btm					27.9	btm

Table 106.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 25, 1992 (1421 pst)—
Continued

Distance from left bank (feet)									
3,010					3,021				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Hdg
5.7	0.21	335	5.7	0.17	253				
12.3	0.15	18	11.9	btm					
17.8	btm								

Table 107.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
53			86			123			147			185		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg		
5.7	0.08	279	5.7	0.04	45	5.7	0.08	128	5.7	0.07	70	5.7	0.10	160
12.3	0.08	325	12.3	0.07	74	12.3	0.09	123	12.3	0.11	91	12.3	0.12	165
16.8	btm		18.9	0.07	53	18.9	0.13	123	18.9	0.04	118	18.9	0.12	160
			25.4	0.16	16	25.4	0.16	131	25.4	0.06	100	25.4	0.16	170
			41.7	btm		32.0	0.11	148	32.0	0.04	131	32.0	0.13	177
						38.6	0.13	226	38.6	0.04	85	38.6	0.11	176
						53.3	btm		45.1	0.05	109	45.1	0.12	171
									51.7	0.05	31	51.7	0.10	197
									60.0	btm		65.7	btm	

Table 107.--Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst) - Continued

Distance from left bank (feet)																			
400				428				466				503				528			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.05	307		5.7	0.13	270		5.7	0.25	256		5.7	0.16	292		5.7	0.36	265	
12.3	0.10	293		12.3	0.13	292		12.3	0.26	259		12.3	0.10	302		12.3	0.26	273	
18.9	0.08	350		18.9	0.09	267		18.9	0.21	270		18.9	0.07	294		18.9	0.21	273	
25.4	0.10	38		25.4	0.05	277		25.4	0.21	263		25.4	0.06	344		25.4	0.23	289	
32.0	0.06	21		32.0	0.05	68		32.0	0.18	255		32.0	0.08	29		32.0	0.11	280	
38.6	0.02	189		38.6	0.04	170		38.6	0.12	258		38.6	0.05	0		38.6	0.12	280	
45.1	0.05	53		45.1	0.08	243		45.1	0.13	244		45.1	0.06	115		45.1	0.10	258	
51.7	0.12	21		51.7	0.02	170		51.7	0.07	275		51.7	0.05	90		51.7	0.02	296	
58.2	0.11	335		58.2	0.07	2		58.2	0.09	248		58.2	0.06	323		58.2	0.10	327	
64.8	0.14	286		64.8	0.10	258		64.8	0.09	195		64.8	0.10	17		64.8	0.13	274	
72.2 btm				72.3 btm				71.0 btm				72.3 btm				72.4 btm			

Table 107.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst) — Continued

Distance from left bank (feet)																			
1,216				1,251				1,276				1,314				1,351			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.42	296		5.7	0.46	289		5.7	0.24	296		5.7	0.38	299		5.7	0.44	294	
12.3	0.35	297		12.3	0.42	288		12.3	0.15	294		12.3	0.27	305		12.3	0.40	297	
18.9	0.27	304		18.9	0.34	289		18.9	0.08	288		18.9	0.23	306		18.9	0.30	298	
25.4	0.20	294		25.4	0.28	279		25.4	0.03	282		25.4	0.20	314		25.4	0.23	293	
32.0	0.18	282		32.0	0.27	272		32.0	0.05	192		32.0	0.15	323		32.0	0.18	311	
38.6	0.16	284		38.6	0.22	267		38.6	0.06	157		38.6	0.10	352		38.6	0.10	302	
45.1	0.12	302		45.1	0.17	270		45.1	0.12	125		45.1	0.09	332		45.1	0.08	306	
51.7	0.11	307		51.7	0.13	275		51.7	0.16	115		51.7	0.09	338		51.7	0.07	320	
58.2	0.09	338		58.2	0.06	270		58.2	0.15	97		58.2	0.10	30		58.2	0.06	6	
64.8	0.08	329		64.8	0.06	283		64.8	0.23	90		64.8	0.12	22		64.8	0.07	349	
71.4	0.12	13		71.4	0.10	299		71.4	0.23	76		71.4	0.15	36		71.4	0.09	0	
77.9	0.10	21		77.9	0.10	348		77.9	0.27	82		77.9	0.13	53		77.9	0.09	26	
84.5	0.15	37		84.5	0.02	341		84.5	0.28	96		84.5	0.24	53		84.5	0.21	53	
88.5 btm				89.6 btm				90.2 btm				89.9 btm				91.3 btm			

Table 107.--Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst) -- Continued

Distance from left bank (feet)														
1,876			1,901			1,937			1,973			1,997		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.46	285	5.7	0.40	289	5.7	0.41	286	5.7	0.25	285	5.7	0.30	282
12.3	0.46	284	12.3	0.37	290	12.3	0.40	282	12.3	0.25	285	12.3	0.30	277
18.9	0.43	284	18.9	0.35	289	18.9	0.43	281	18.9	0.28	286	18.9	0.30	283
25.4	0.40	283	25.4	0.34	280	25.4	0.40	288	25.4	0.34	289	25.4	0.33	281
32.0	0.40	283	32.0	0.33	280	32.0	0.41	291	32.0	0.36	288	32.0	0.33	290
38.6	0.37	283	38.6	0.27	276	38.6	0.36	293	38.6	0.28	299	38.6	0.24	294
45.1	0.29	292	45.1	0.19	283	45.1	0.21	315	45.1	0.10	331	45.1	0.08	347
51.7	0.11	297	51.7	0.05	52	51.7	0.10	3	52.9	btm		50.7	btm	
59.9	btm		55.3	btm		54.2	btm							

Table 107.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)—
Continued

Distance from left bank (feet)														
2,033			2,069			2,106			2,129			2,165		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.35	293	5.7	0.30	276	5.7	0.15	280	5.7	0.14	238	5.7	0.10	270
12.3	0.34	289	12.3	0.23	273	12.3	0.16	273	12.3	0.11	216	12.3	0.09	284
18.9	0.35	294	18.9	0.26	282	18.9	0.14	283	18.9	0.10	257	18.9	0.17	315
25.4	0.34	303	25.4	0.26	284	25.4	0.22	296	25.4	0.13	279	25.4	0.17	311
32.0	0.36	301	32.0	0.27	288	32.0	0.23	302	32.0	0.14	277	32.0	0.21	304
38.6	0.33	313	38.6	0.23	295	38.6	0.23	305	38.6	0.13	300	38.6	0.14	317
45.1	0.13	336	45.1	0.04	304	45.1	0.06	26	45.1	0.06	93	45.1	0.09	45
49.5 btm			49.7 btm			49.5 btm			49.2 btm			48.9 btm		

Table 107.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)—
Continued

Distance from left bank (feet)																			
2,201				2,236				2,260				2,297				2,333			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.11	268	5.7	0.18	265	5.7	0.18	261	5.7	0.19	270	5.7	0.12	279					
12.3	0.12	256	12.3	0.13	288	12.3	0.15	271	12.3	0.17	278	12.3	0.12	295					
18.9	0.16	284	18.9	0.18	303	18.9	0.16	289	18.9	0.21	285	18.9	0.13	295					
25.4	0.17	285	25.4	0.22	301	25.4	0.18	293	25.4	0.20	291	25.4	0.16	313					
32.0	0.15	294	32.0	0.21	306	32.0	0.20	305	32.0	0.21	300	32.0	0.14	322					
38.6	0.13	308	38.6	0.15	314	38.6	0.16	311	38.6	0.17	301	38.6	0.12	322					
45.1	0.01	45	45.1	0.06	346	45.1	0.03	324	45.1	0.05	295	45.1	0.06	33					
48.5 btm			48.0 btm			47.5 btm			47.5 btm			47.7 btm							

Table 107.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)—
Continued

Distance from left bank (feet)										
2,686			2,722			2,759			2,783	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
5.7	0.05	7	5.7	0.13	113	5.7	0.04	57	5.7	0.06
12.3	0.05	349	12.3	0.09	102	12.3	0.06	56	12.3	0.10
18.9	0.07	10	18.9	0.12	77	18.9	0.07	45	18.9	0.07
25.4	0.10	337	25.4	0.13	71	25.4	0.08	55	25.4	0.28
32.0	0.12	344	32.0	0.09	62	32.0	0.06	0	32.0	btm
41.7	btm		37.7	btm		35.9	btm		35.5	btm

Table 107.—Velocity profiles for Lower Granite Reservoir at Snake River mile 107.73 on March 26, 1992 (0931 pst)—
Continued

Distance from left bank (feet)									
2,857				2,881				2,917	
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Hdg
5.7	0.07	139		5.7	0.05	42		5.7	0.06
12.3	0.12	120		12.3	0.09	83		12.3	0.09
18.9	0.07	92		18.9	0.08	14		17.4	btm
25.9	btm			23.4	btm				

Table 108.--Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)												
75			111			140			170			209
Dpth	vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	
4.1	0.85	311	4.1	0.93	327	4.1	1.1	331	4.1	1.1	326	
7.4	0.79	311	7.4	0.90	330	7.4	0.95	326	7.4	1.1	328	
10.7	0.65	327	10.7	0.80	331	10.7	0.82	326	10.7	1.1	330	
13.9	0.62	353	13.9	0.73	337	13.9	0.78	328	13.9	1.1	334	
19.6 btm			17.2	0.74	357	17.2	0.78	327	17.2	0.99	337	
			20.5	0.85	20	20.5	0.79	341	20.5	0.91	32	
			23.8	0.57	18	23.8	0.27	41	23.8	0.12	96	
			24.7 btm			27.4 btm			25.5 btm			
									24.3 btm			
									4.1	1.3	324	
									7.4	1.2	328	
									10.7	1.2	328	
									13.9	1.1	324	
									17.2	0.99	329	
									20.5	0.38	39	
									23.8	0.03	110	

Table 108.—Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)—
Continued

Distance from left bank (feet)																			
239				269				301				343				373			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.4	325	4.1	1.4	325	4.1	1.6	334	4.1	1.6	330	4.1	1.6	330	4.1	1.8	326		
7.4	1.4	327	7.4	1.4	329	7.4	1.7	332	7.4	1.6	327	7.4	1.6	327	7.4	1.9	325		
10.7	1.3	327	10.7	1.3	327	10.7	1.6	332	10.7	1.6	331	10.7	1.6	331	10.7	1.8	325		
13.9	1.3	323	13.9	1.3	322	13.9	1.5	331	13.9	1.6	330	13.9	1.6	330	13.9	1.7	324		
17.2	1.3	327	17.2	1.2	326	17.2	1.4	332	17.2	1.5	328	17.2	1.5	328	17.2	1.7	328		
20.5	0.37	45	20.5	0.44	47	20.5	0.97	14	20.5	1.4	345	20.5	1.4	345	20.5	1.5	331		
23.8	0.04	122	23.8	0.01	135	23.8	0.13	24	23.8	0.45	53	23.8	0.45	53	23.8	1.3	6		
24.4	btm		24.6	btm		25.3	btm		27.1	btm		27.1	btm		27.1	0.26	84		
															29.5	btm			

Table 108.—Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)—
Continued

Distance from left bank (feet)																			
568				598				628				667				695			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.6	328	4.1	1.8	328	4.1	1.7	323	4.1	1.8	321	4.1	1.8	319					
7.4	1.6	328	7.4	1.7	328	7.4	1.6	325	7.4	1.8	320	7.4	1.8	319					
10.7	1.5	328	10.7	1.6	328	10.7	1.5	325	10.7	1.7	321	10.7	1.7	320					
13.9	1.5	326	13.9	1.5	329	13.9	1.5	326	13.9	1.5	321	13.9	1.5	320					
17.2	1.5	326	17.2	1.4	332	17.2	1.4	329	17.2	1.4	321	17.2	1.4	324					
20.5	1.5	322	20.5	1.3	334	20.5	1.5	329	20.5	1.3	321	20.5	1.3	323					
23.8	1.3	329	23.8	1.2	348	23.8	1.3	350	23.8	1.1	357	23.8	1.2	17					
27.1	0.87	46	27.1	0.46	51	27.1	0.24	64	27.1	0.05	154	27.1	0.04	349					
30.3	0.13	119	30.3	0.15	136	30.3	0.21	188	29.9	btm		29.4	btm						
31.7	btm		31.0	btm		30.5	btm												

Table 108.-Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)-
Continued

Distance from left bank (feet)																			
733				760				797				825				864			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	1.6	322	4.1	1.5	322	4.1	1.5	326	4.1	1.5	322	4.1	1.5	322	4.1	1.5	330		
7.4	1.5	320	7.4	1.5	320	7.4	1.4	325	7.4	1.4	323	7.4	1.4	323	7.4	1.4	331		
10.7	1.5	320	10.7	1.4	318	10.7	1.4	323	10.7	1.4	322	10.7	1.5	322	10.7	1.3	332		
13.9	1.5	321	13.9	1.4	315	13.9	1.3	321	13.9	1.3	324	13.9	1.4	324	13.9	1.3	336		
17.2	1.3	322	17.2	1.3	321	17.2	1.3	321	17.2	1.2	325	17.2	1.2	325	17.2	1.3	335		
20.5	1.2	324	20.5	1.2	328	20.5	1.0	337	20.5	0.96	342	20.5	0.96	342	20.5	1.0	7		
23.8	0.99	34	23.8	0.48	37	23.8	0.24	83	23.8	0.10	86	23.8	0.10	86	23.8	0.14	77		
27.1	0.08	128	27.1	0.06	152	27.1	0.15	178	26.8	btm		26.8	btm		26.4	btm			
28.7	btm		28.0	btm		27.4	btm												

Table 108.--Velocity profiles for Little Goose Reservoir at river mile 106.00 on March 12, 1992 (1013 pst)--
Continued

Distance from left bank (feet)									
1,056					1,085				
Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Vel	Dpth
4.1	0.82	318	4.1	0.86	334				
7.4	0.75	315	7.4	0.90	336				
10.7	0.70	312	10.7	0.74	337				
13.9	0.73	316	13.9	0.99	342				
17.2	0.73	333	17.2	0.86	28				
20.5	0.10	78	21.1	btm					
23.4	btm								

Table 109.--Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)											
74				114				136			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg	Vel	Dpth	Hdg	Dpth
											205
4.1	0.46	86	4.1	0.47	100	4.1	0.48	84	4.1	0.31	79
7.4	0.43	83	7.4	0.41	100	7.4	0.49	81	7.4	0.36	77
10.7	0.40	81	10.7	0.36	85	10.7	0.41	81	10.7	0.32	81
13.9	0.25	81	13.9	0.11	41	13.9	0.44	78	13.9	0.35	78
17.2	0.13	117	17.1	btm		17.2	0.40	41	17.2	0.29	78
17.9	btm					21.8	btm		20.5	0.24	71
									32.9	btm	
									23.8	0.23	57
									27.1	0.18	62
									30.3	0.18	340
									33.6	0.06	6
									42.1	btm	

Table 109.--Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst).--
Continued

[illegible]

Table 109.—Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)—
Continued

Distance from left bank (feet)														
556			589			622			655			688		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.30	306	4.1	0.44	290	4.1	0.42	287	4.1	0.46	291	4.1	0.46	299
7.4	0.35	311	7.4	0.36	290	7.4	0.39	295	7.4	0.50	293	7.4	0.41	296
10.7	0.36	314	10.7	0.38	294	10.7	0.41	302	10.7	0.43	292	10.7	0.43	305
13.9	0.35	313	13.9	0.34	289	13.9	0.34	300	13.9	0.25	317	13.9	0.10	354
17.2	0.35	333	17.2	0.42	330	17.2	0.18	328	17.2	0.08	248	16.7	btm	
20.5	0.10	333	20.5	0.10	254	20.8	btm		18.8	btm				
23.4	btm		22.3	btm										

Table 109.—Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)—
Continued

Distance from left bank (feet)														
722			755			787			818			851		
4.1	0.44	303	4.1	0.46	296	4.1	0.46	278	4.1	0.49	276	4.1	0.33	263
7.4	0.41	303	7.4	0.39	302	7.4	0.47	278	7.4	0.44	265	7.4	0.33	291
10.7	0.38	313	10.7	0.18	343	10.7	0.21	270	10.7	0.15	255	10.7	0.12	189
13.9	0.08	14	13.9	0.16	128	13.9	0.39	191	13.9	btm		13.2	btm	
15.5	btm		14.6	btm		14.3	btm							

Table 109.--Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)--
Continued

Distance from left bank (feet)																			
885				918				951				984				1,017			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.46	306	4.1	0.43	296	4.1	0.48	297	4.1	0.56	281	4.1	0.51	294					
7.4	0.44	323	7.4	0.43	300	7.4	0.38	294	7.4	0.39	285	7.4	0.41	295					
10.7	0.14	350	10.7	0.01	198	10.7	0.06	273	10.7	0.14	271	10.7	0.11	308					
12.3 btm			12.0 btm			12.0 btm			12.4 btm			13.0 btm							

Table 109.—Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)—
Continued

Distance from left bank (feet)					
1,050	1,083	1,115	1,148	1,181	
4.1 0.46 288	4.1 0.41 293	4.1 0.47 276	4.1 0.43 290	4.1 0.47 287	
7.4 0.43 280	7.4 0.40 300	7.4 0.47 277	7.4 0.48 287	7.4 0.45 283	
10.7 0.02 251	10.7 0.10 60	10.7 0.09 272	10.7 0.16 322	10.7 0.36 302	
13.1 btm	13.3 btm	13.6 btm	13.9 0.22 176	13.9 0.08 214	
			14.6 btm	15.8 btm	

Table 109.--Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)---
Continued

Distance from left bank (feet)																			
1,213				1,246				1,279				1,310				1,352			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.50	273	4.1	0.45	287	4.1	0.55	290	4.1	0.44	286	4.1	0.69	276					
7.4	0.51	266	7.4	0.43	283	7.4	0.46	283	7.4	0.41	286	7.4	0.65	274					
10.7	0.37	291	10.7	0.42	307	10.7	0.42	303	10.7	0.45	285	10.7	0.62	280					
13.9	0.11	229	13.9	0.05	294	13.9	0.10	344	13.9	0.13	2	13.9	0.34	305					
15.8	btm		15.7	btm		16.1	btm		16.9	btm		17.4	btm						

Table 109.—Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)—
Continued

Distance from left bank (feet)				
1,384	1,416	1,447	1,480	1,512
4.1 0.55 277	4.1 0.69 288	4.1 0.48 274	4.1 0.72 291	4.1 0.73 287
7.4 0.53 285	7.4 0.69 289	7.4 0.44 274	7.4 0.61 294	7.4 0.67 288
10.7 0.46 279	10.7 0.72 288	10.7 0.39 281	10.7 0.62 292	10.7 0.66 286
13.9 0.63 311	13.9 0.57 334	13.9 0.38 297	13.9 0.56 308	13.9 0.67 288
17.2 0.06 330	17.2 0.20 294	17.2 0.19 45	17.2 0.16 339	17.2 0.26 324
18.4 btm	18.3 btm	19.7 btm	20.4 btm	20.6 btm

Table 109.—Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)—
Continued

Distance from left bank (feet)									
1,545				1,607				1,639	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Dpth	Hdg
4.1	0.51	286	4.1	0.53	280	4.1	0.60	4.1	0.62
7.4	0.49	285	7.4	0.52	279	7.4	0.54	7.4	0.58
10.7	0.42	288	10.7	0.52	285	10.7	0.52	10.7	0.52
13.9	0.41	291	13.9	0.48	284	13.9	0.57	13.9	0.52
17.2	0.43	11	17.2	0.54	346	17.2	0.45	17.2	0.43
20.5	0.10	180	20.5	0.07	31	20.5	0.11	20.5	0.06
21.1 btm			22.0 btm			22.2 btm		23.0 btm	

Table 109.—Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)—
Continued

Distance from left bank (feet)														
1,713			1,746			1,779			1,811			1,843		
4.1	0.62	282	4.1	0.60	281	4.1	0.55	276	4.1	0.60	262	4.1	0.57	278
7.4	0.61	277	7.4	0.60	286	7.4	0.57	279	7.4	0.60	271	7.4	0.52	279
10.7	0.57	280	10.7	0.63	284	10.7	0.53	279	10.7	0.56	274	10.7	0.56	278
13.9	0.58	280	13.9	0.61	288	13.9	0.54	280	13.9	0.59	275	13.9	0.60	277
17.2	0.59	295	17.2	0.55	288	17.2	0.47	284	17.2	0.60	283	17.2	0.61	283
20.5	0.21	342	20.5	0.50	338	20.5	0.52	320	20.5	0.55	290	20.5	0.57	278
23.5 btm			23.8	0.18	276	23.8	0.21	22	23.8	0.37	348	23.8	0.55	333
			25.1 btm			26.5 btm			27.1	0.23	241	27.1	0.08	326
									28.0 btm			29.1 btm		

Table 109.—Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)—Continued

Distance from left bank (feet)														
2,035			2,067			2,100			2,132			2,164		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.62	277	4.1	0.64	277	4.1	0.67	279	4.1	0.53	283	4.1	0.40	265
7.4	0.62	276	7.4	0.65	276	7.4	0.66	286	7.4	0.56	285	7.4	0.46	276
10.7	0.53	277	10.7	0.67	277	10.7	0.65	284	10.7	0.52	283	10.7	0.44	270
13.9	0.58	272	13.9	0.64	276	13.9	0.55	278	13.9	0.51	279	13.9	0.41	270
17.2	0.54	269	17.2	0.65	278	17.2	0.55	278	17.2	0.47	278	17.2	0.36	280
20.5	0.55	273	20.5	0.65	278	20.5	0.54	282	20.5	0.40	281	20.5	0.40	277
23.8	0.62	342	23.8	0.58	353	23.8	0.50	359	23.8	0.47	0	23.8	0.39	9
27.1	0.02	0	27.1	0.03	306	27.1	0.05	299	27.1	0.12	83	27.1	0.12	133
28.9	btm		28.4	btm		28.2	btm		28.2	btm		28.2	btm	

Table 109.—Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)—Continued

Distance from left bank (feet)														
2,196			2,237			2,268			2,299			2,330		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
4.1	0.63	280	4.1	0.63	273	4.1	0.77	287	4.1	0.60	284	4.1	0.54	291
7.4	0.62	279	7.4	0.60	284	7.4	0.73	284	7.4	0.62	290	7.4	0.53	290
10.7	0.60	279	10.7	0.65	283	10.7	0.72	286	10.7	0.57	290	10.7	0.55	295
13.9	0.59	277	13.9	0.60	286	13.9	0.71	286	13.9	0.55	291	13.9	0.53	291
17.2	0.53	275	17.2	0.54	279	17.2	0.70	286	17.2	0.50	290	17.2	0.53	293
20.5	0.45	282	20.5	0.50	288	20.5	0.60	288	20.5	0.49	314	20.5	0.71	343
23.8	0.57	344	23.8	0.46	2	23.8	0.46	336	23.8	0.07	18	23.8	0.06	53
27.1	0.04	340	27.1	0.07	351	27.1	0.16	298	27.1	btm		27.1	btm	
28.3	btm		28.3	btm		28.0	btm		28.0	btm		25.7	btm	

Table 109.—Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)—
Continued

Distance from left bank (feet)																			
2,362				2,394				2,426				2,458				2,499			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
4.1	0.60	281	4.1	0.50	280	4.1	0.51	269	4.1	0.47	282	4.1	0.58	284					
7.4	0.62	291	7.4	0.52	280	7.4	0.52	281	7.4	0.49	282	7.4	0.53	282					
10.7	0.60	289	10.7	0.48	281	10.7	0.51	277	10.7	0.46	283	10.7	0.54	288					
13.9	0.63	287	13.9	0.45	279	13.9	0.51	271	13.9	0.42	274	13.9	0.52	283					
17.2	0.60	290	17.2	0.48	281	17.2	0.48	276	17.2	0.51	285	17.2	0.44	291					
20.5	0.51	338	20.5	0.48	317	20.5	0.44	318	20.5	0.50	343	20.5	0.38	329					
23.8	0.06	6	23.8	0.05	277	23.8	0.04	270	23.8	0.04	303	23.8	0.04	221					
25.2 btm			25.9 btm			25.8 btm			25.3 btm			24.3 btm							

Table 109.--Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)---
Continued

Distance from left bank (feet)											
2,530		2,561		2,591		2,621		2,662			
4.1	0.42	272	4.1	0.43	286	4.1	0.58	272	4.1	0.55	294
7.4	0.46	269	7.4	0.43	283	7.4	0.53	270	7.4	0.47	295
10.7	0.46	271	10.7	0.39	283	10.7	0.46	274	10.7	0.47	294
13.9	0.44	276	13.9	0.32	308	13.9	0.17	318	13.9	0.37	333
17.2	0.41	320	17.2	0.09	37	17.2	0.39	177	17.2	0.33	167
20.5	0.09	202	19.5	btm		17.5	btm		18.1	btm	
22.1											

Table 109.—Velocity profiles for Little Goose Reservoir at river mile 101.00 on March 12, 1992 (1042 pst)—
Continued

Distance from left bank (feet)															
2,693				2,725				2,757				2,785			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
4.1	0.53	291		4.1	0.52	286		4.1	0.40	291		4.1	0.37	289	
7.4	0.49	292		7.4	0.45	284		7.4	0.36	283		7.4	0.35	288	
10.7	0.47	294		10.7	0.53	285		10.7	0.33	276		10.7	0.44	291	
13.9	0.42	299		13.9	0.43	283		13.9	0.34	284		13.9	0.31	303	
17.2	0.21	349		17.2	0.21	315		17.2	0.17	309		17.2	0.14	300	
20.7 btm				20.5	0.06	276		20.5	0.06	153		18.9	btm		
				21.4 btm				21.4 btm							

Table 110.—Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)												
77			106			141			167			208
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	
5.7	0.14	30	5.7	0.13	318	5.7	0.07	331	5.7	0.05	280	
12.3	0.15	24	12.3	0.14	327	12.3	0.12	321	12.3	0.12	281	
18.9	0.14	22	18.9	0.13	321	18.9	0.08	324	18.9	0.06	308	
25.4	0.21	33	25.4	0.14	331	25.4	0.10	318	25.4	0.08	287	
32.0	0.24	8	32.0	0.18	329	32.0	0.07	326	32.0	0.06	289	
37.3 btm			43.6 btm			38.6	0.06	325	38.6	0.05	282	
						49.6 btm			45.1	0.05	171	
									53.7 btm			
										0.08	33	
										57.4 btm		

Table 110.—Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst) — Continued

Distance from left bank (feet)																			
729				756				783				825				852			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.39	305		5.7	0.36	304		5.7	0.37	299		5.7	0.32	293		5.7	0.32	305	
12.3	0.37	302		12.3	0.37	305		12.3	0.37	297		12.3	0.30	296		12.3	0.34	304	
18.9	0.38	300		18.9	0.38	297		18.9	0.39	291		18.9	0.34	296		18.9	0.35	296	
25.4	0.40	297		25.4	0.38	303		25.4	0.37	289		25.4	0.32	293		25.4	0.34	306	
32.0	0.37	300		32.0	0.36	307		32.0	0.32	288		32.0	0.30	295		32.0	0.30	302	
38.6	0.39	305		38.6	0.39	312		38.6	0.35	302		38.6	0.31	296		38.6	0.32	300	
45.1	0.37	307		45.1	0.35	313		45.1	0.33	298		45.1	0.27	300		45.1	0.30	305	
51.7	0.19	313		51.7	0.25	315		51.7	0.24	305		51.7	0.20	315		51.7	0.28	316	
58.2	0.03	284		58.2	0.02	315		58.2	0.01	326		58.2	0.02	105		58.2	0.02	53	
60.0 btm				60.5 btm				60.9 btm				61.2 btm				61.4 btm			

Table 110.—Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)—
Continued

Distance from left bank (feet)											
1,371			1,411			1,437			1,477		1,503
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.25	312	5.7	0.41	313	5.7	0.32	302	5.7	0.15	308
12.3	0.24	301	12.3	0.37	311	12.3	0.30	299	12.3	0.12	295
18.9	0.15	325	18.9	0.33	318	18.9	0.23	304	18.9	0.13	302
25.4	0.04	98	25.4	0.11	344	25.4	0.01	90	25.4	0.01	161
28.3 btm			28.3 btm			28.7 btm			30.6 btm		
									30.7 btm		

Table 110.—Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)—
Continued

Distance from left bank (feet)																			
1,542				1,569				1,608				1,634				1,674			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.39	312	5.7	0.31	307	5.7	0.33	315	5.7	0.37	309	5.7	0.30	302					
12.3	0.35	314	12.3	0.27	311	12.3	0.34	314	12.3	0.37	310	12.3	0.30	303					
18.9	0.36	322	18.9	0.28	321	18.9	0.28	321	18.9	0.34	308	18.9	0.23	299					
25.4	0.10	335	25.4	0.05	320	25.4	0.10	313	25.4	0.17	305	25.4	0.03	318					
29.3 btm			30.1 btm			30.3 btm			30.1 btm			29.3 btm							

Table 110.—Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)—
Continued

Distance from left bank (feet)																			
1,701				1,740				1,766				1,805				1,831			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.21	311	5.7	0.26	307	5.7	0.30	279	5.7	0.27	309	5.7	0.24	305					
12.3	0.19	312	12.3	0.24	309	12.3	0.27	282	12.3	0.24	309	12.3	0.23	299					
18.9	0.23	316	18.9	0.21	311	18.9	0.25	279	18.9	0.17	315	18.9	0.03	293					
25.4	0.04	116	25.4	0.05	4	25.4	0.14	225	25.4	0.21	205	25.0	btm						
28.7	btm		30.1	btm		29.9	btm		26.4	btm									

Table 110.--Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst).--
Continued

Distance from left bank (feet)																			
1,871				1,897				1,935				1,961				2,001			

Table 110.—Velocity profiles for Little Goose Reservoir at river mile 91.00 on March 12, 1992 (1344 pst)—
Continued

Distance from left bank (feet)																	
2,039				2,065				2,104				2,129					
Dpth	Vel	Hdg	Dpth	Dpth	Vel	Hdg	Dpth	Dpth	Vel	Hdg	Dpth	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.09	292	5.7	5.7	0.12	241	5.7	5.7	0.08	129	5.7	5.7	0.13	87			
12.3	0.07	315	12.3	12.3	0.18	285	12.3	12.3	0.03	54	12.3	12.3	0.11	90			
18.9	0.05	94	18.9	18.9	0.04	216	20.6	20.6	btm		16.6	16.6	btm				
22.4	btm		23.3	23.3	btm												

Table 111.--Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)											
116			153			178			231		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.17	23	5.7	0.10	72	5.7	0.04	123	5.7	0.12	178
8.1 btm			12.3	0.08	23	12.3	0.07	54	12.3	0.07	209
			14.2 btm			17.5 btm			18.9	0.05	195
									21.3 btm		

Table 111.—Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)—
Continued

Distance from left bank (feet)																			
253				285				305				343				368			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.20	162		5.7	0.04	162		5.7	0.08	189		5.7	0.00	180		5.7	0.12	79	
12.3	0.10	174		12.3	0.03	150		12.3	0.04	161		12.3	0.02	315		12.3	0.11	60	
18.9	0.12	162		18.9	0.03	150		18.9	0.04	112		18.9	0.03	290		18.9	0.10	51	
22.4	btm			23.8	btm			26.1	btm			25.4	0.05	266		25.4	0.08	58	
												28.3	btm			29.2	btm		

Table 111.--Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)--
Continued

Distance from left bank (feet)														
407			432			459			494			517		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.04	118	5.7	0.10	35	5.7	0.08	82	5.7	0.04	41	5.7	0.19	33
12.3	0.06	183	12.3	0.04	41	12.3	0.05	75	12.3	0.03	104	12.3	0.11	48
18.9	0.02	180	18.9	0.03	341	18.9	0.04	70	18.9	0.04	95	18.9	0.13	42
25.4	0.02	218	26.4	btm		24.9	btm		24.3	btm		24.7	btm	
28.5	btm													

Table 111.--Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)--
Continued

Distance from left bank (feet)																			
549				574				610				631				665			
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg	
5.7	0.06	340		5.7	0.10	1		5.7	0.12	334		5.7	0.13	325		5.7	0.11	315	
12.3	0.01	270		12.3	0.04	289		12.3	0.05	284		12.3	0.08	325		12.3	0.09	307	
18.9	0.02	80		18.9	0.07	341		18.9	0.01	296		18.9	0.07	311		18.9	0.07	293	
26.4	btm			25.4	0.03	187		25.4	0.01	206		25.4	0.02	344		25.4	0.05	280	
				29.1	btm			31.6	btm			33.3	btm			32.0	0.03	220	
																34.5	btm		

Table 111.—Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)—
Continued

Distance from left bank (feet)																
687				710				746			769			805		
Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		Dpth	Vel	Hdg		
5.7	0.09	270		5.7	0.25	326		5.7	0.21	330		5.7	0.30	320		
12.3	0.10	248		12.3	0.21	325		12.3	0.16	327		12.3	0.26	318		
18.9	0.10	228		18.9	0.16	324		18.9	0.09	329		18.9	0.18	306		
25.4	0.09	237		25.4	0.12	327		25.4	0.05	336		25.4	0.08	308		
32.0	0.12	192		32.0	0.09	327		32.0	0.05	4		32.0	0.04	287		
35.7 btm				36.6 btm				37.5 btm				37.9 btm				

Table 111.-Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)-
Continued

Distance from left bank (feet)																			
829				852				890				913				950			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.17	307	5.7	0.21	306	5.7	0.23	317	5.7	0.19	305	5.7	0.15	312					
12.3	0.14	292	12.3	0.15	280	12.3	0.18	308	12.3	0.15	287	12.3	0.15	308					
18.9	0.10	260	18.9	0.13	254	18.9	0.18	303	18.9	0.18	275	18.9	0.11	292					
25.4	0.09	252	25.4	0.08	260	25.4	0.11	281	25.4	0.13	259	25.4	0.06	236					
32.0	0.07	208	32.0	0.05	222	32.0	0.07	247	32.0	0.08	204	32.0	0.07	172					
37.9 btm			37.4 btm			36.8 btm			36.0 btm			35.5 btm							

Table 111.--Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)--
Continued

Distance from left bank (feet)														
975			1,012			1,037			1,062			1,099		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.31	331	5.7	0.24	331	5.7	0.30	336	5.7	0.23	312	5.7	0.26	332
12.3	0.22	331	12.3	0.14	320	12.3	0.23	334	12.3	0.14	301	12.3	0.13	321
18.9	0.19	327	18.9	0.12	310	18.9	0.17	330	18.9	0.13	290	18.9	0.14	309
25.4	0.19	321	25.4	0.06	304	25.4	0.11	344	25.4	0.10	234	25.4	0.09	322
32.0	0.11	0	32.0	0.04	80	32.0	0.07	20	32.0	0.06	206	32.0	0.01	135
35.3 btm			35.0 btm			34.7 btm			34.6 btm			34.3 btm		

Table 111.--Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst).--
Continued

Distance from left bank (feet)										
1,124			1,162			1,289			1,215	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel
5.7	0.25	316	5.7	0.26	323	5.7	0.30	337	5.7	0.27
12.3	0.16	297	12.3	0.18	309	12.3	0.24	332	12.3	0.16
18.9	0.17	287	18.9	0.14	311	18.9	0.20	324	18.9	0.14
25.4	0.11	275	25.4	0.06	319	25.4	0.05	312	25.4	0.06
32.0	0.08	208	32.3	btm		30.7	btm		29.5	btm
33.7		btm							28.4	btm

Table 111.--Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst) -- Continued

Distance from left bank (feet)																			
1,431				1,470				1,495				1,533				1,559			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.42	326	5.7	0.32	329	5.7	0.41	325	5.7	0.33	325	5.7	0.32	325					
12.3	0.34	324	12.3	0.27	332	12.3	0.28	324	12.3	0.24	325	12.3	0.22	331					
18.9	0.17	316	18.9	0.09	344	18.9	0.08	325	18.9	0.07	348	18.9	0.04	26					
25.4	0.05	255	26.0	btm		25.5	btm		25.1	btm		24.8	btm						
26.5	btm																		

Table 111.—Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)—
Continued

Distance from left bank (feet)														
1,597			1,622			1,659			1,684			1,722		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.37	330	5.7	0.25	316	5.7	0.34	317	5.7	0.33	325	5.7	0.34	312
12.3	0.27	334	12.3	0.16	314	12.3	0.22	319	12.3	0.23	327	12.3	0.23	306
18.9	0.08	341	18.9	0.03	263	18.9	0.04	318	18.9	0.04	341	18.9	0.07	246
24.7 btm			24.7 btm			24.6 btm			24.3 btm			24.1 btm		

Table 111.--Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst).--
Continued

Distance from left bank (feet)																			
1,746				1,785				1,810				1,848				1,873			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.37	301	5.7	0.41	339	5.7	0.28	337	5.7	0.36	323	5.7	0.41	325					
12.3	0.29	290	12.3	0.32	351	12.3	0.17	351	12.3	0.28	333	12.3	0.29	326					
18.9	0.11	244	18.9	0.18	17	18.9	0.06	56	18.9	0.12	355	18.9	0.13	324					
24.0 btm			24.1 btm			24.6 btm			25.2 btm			25.6 btm							

Table 111.--Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)--
Continued

Distance from left bank (feet)																			
1,912				1,938				1,975				2,000				2,036			
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg		
5.7	0.31	328	5.7	0.41	343	5.7	0.27	322	5.7	0.42	340	5.7	0.32	325	5.7	0.32	325		
12.3	0.20	338	12.3	0.30	352	12.3	0.17	322	12.3	0.36	345	12.3	0.28	332	12.3	0.28	332		
18.9	0.07	2	18.9	0.14	11	18.9	0.03	110	18.9	0.22	13	18.9	0.05	338	18.9	0.05	338		
25.5 btm			25.1 btm			24.6 btm			24.4 btm			24.8 btm			24.8 btm				

Table 111.--Velocity profiles for Little Goose Reservoir at river mile 79.20 on March 12, 1992 (1451 pst)--
Continued

Distance from left bank (feet)										
2,060			2,095			2,131			2,155	
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Hdg
5.7	0.36	316	5.7	0.39	322	5.7	0.34	305	5.7	0.33
12.3	0.28	324	12.3	0.32	328	12.3	0.29	309	12.3	0.33
18.9	0.11	340	18.9	0.17	338	18.9	0.21	307	18.9	0.19
25.8 btm			25.4	0.02	0	25.4	0.05	349	25.4	0.19
			27.3 btm			31.4 btm			32.0	0.20
									37.6 btm	44.9 btm
										320

Table 112.--Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)

[Dpth, depth in feet; Vel, velocity in feet per second; Hdg, heading in degrees from magnetic North; btm, bottom]

Distance from left bank (feet)														
81			124			149			189			217		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.14	123	5.7	0.12	109	5.7	0.14	128	5.7	0.19	101	5.7	0.30	96
12.3	0.04	105	12.3	0.03	330	12.3	0.03	116	12.3	0.07	43	12.3	0.21	72
18.9	0.02	201	19.8	btm		19.7	btm		19.6	btm		19.4	btm	
20.2		btm												

Table 112.--Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)--
Continued

Distance from left bank (feet)														
257			284			311			350			377		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.16	113	5.7	0.15	123	5.7	0.11	126	5.7	0.10	139	5.7	0.04	81
12.3	0.06	77	12.3	0.08	48	12.3	0.02	30	12.3	0.03	225	12.3	0.06	336
19.2 btm			19.3 btm			19.5 btm			19.5 btm			19.8 btm		

Table 112.-Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)-
Continued

Distance from left bank (feet)														
417			444			485			512			553		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.01	116	5.7	0.08	48	5.7	0.09	40	5.7	0.02	308	5.7	0.03	229
12.3	0.10	333	12.3	0.14	2	12.3	0.20	9	12.3	0.13	355	12.3	0.10	339
18.9	0.19	205	18.9	0.09	195	18.9	0.03	318	18.9	0.09	265	18.9	0.07	156
19.9 btm			20.3 btm			21.0 btm			21.9 btm			22.8 btm		

Table 112.--Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)--
Continued

Distance from left bank (feet)														
733			810			1,000			1,190			1,400		
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
5.7	0.38	23	20.0	0.27	-	24.0	0.34	-	23.0	0.25	-	23.0	0.24	-
12.3	0.37	27	40.0	0.17	-	48.0	0.29	-	60.0	0.15	-	72.0	0.16	-
18.9	0.37	29	80.0	0.18	-	96.0	0.13	-	94.0	0.15	-	92.0	0.16	-
25.4	0.40	31	100.0 btm	120.0 btm	115.0 btm						115.0 btm			
32.0	0.41	36												
38.6	0.41	41												
45.1	0.48	44												
62.5 btm														

Table 112.--Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst)--
Continued

Distance from left bank (feet)											
1,600			1,800			2,000			2,156		2,185
Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg	Dpth	Vel	Hdg
23.0	0.28	-	23.0	0.23	-	20.0	0.19	-	5.7	0.10	172
46.0	0.24	-	46.0	0.21	-	41.0	0.16	-	12.3	0.11	153
70.0	0.12	-	70.0	0.16	-	61.0	0.21	-	18.9	0.09	140
93.0	0.13	-	93.0	0.12	-	82.0	0.26	-	25.4	0.09	118
116.0 btm			116.0 btm			102.0 btm			32.0	0.12	93
									38.6	0.11	84
									45.1	0.11	77
									75.9	btm	
									51.7	0.07	193
									58.2	0.01	326
									70.7	btm	

Table 112.—Velocity profiles for Little Goose Reservoir at river mile 70.90 on March 12, 1992 (1641 pst) — Continued

[illegible]