

FIGURE 4—FREQUENCY OF FLOODS, BUCKHORN CREEK NEAR SHILOH, ALABAMA

245	96.06
250	96.17
256	96.17
262	96.11
274	95.81
280	96.20
294	96.02
299	95.08
306	94.77
308	95.41
320	96.33
340	96.51
347	96.20
352	95.80
364	96.20
369	96.36
372	96.30
390	96.51
411	96.57
418	96.60
421	96.94
424	96.90
425	97.06
427	97.21
428	97.45
433	98.51
447	103.03

STATION (METERS)	DEPTH (METERS)	ANGLE (DEGREES)	OBSERVATION DEPTH <sup>1</sup>	VELOCITY (METERS PER SECOND)
0.0	0.0	0	0.0	0.0
1.5	0.15	0	0.6	0.671
3.0	0.30	0	0.6	2.012
4.5	0.45	0	0.6	4.012
6.0	1.22	0	0.6	1.564
7.6	1.52	0	0.6	1.753
9.1	1.83	19	0.2	1.253
			0.8	1.122
12.2	1.86	16	0.2	0.805
			0.8	0.631
15.2	2.41	11	0.2	0.844
			0.8	0.378
18.3	2.77	0	0.2	0.646
			0.8	0.604
21.3	2.44	0	0.2	0.604
			0.8	0.567
24.4	2.10	0	0.2	0.735
			0.8	0.408
27.4	1.92	0	0.2	0.719
			0.8	0.579
30.5	1.74	0	0.2	0.844
			0.8	0.378
33.5	1.74	0	0.2	0.677
			0.8	0.661
36.6	1.65	0	0.2	0.363
			0.8	0.445
39.6	1.71	0	0.2	0.677
			0.8	0.509
42.7	1.77	0	0.2	0.677
			0.8	0.515
45.7	1.80	0	0.2	0.485
			0.8	0.287
48.8	1.68	0	0.2	0.533
			0.8	0.256
51.8	1.71	0	0.2	0.567
			0.8	0.305
54.9	1.80	0	0.2	0.311
			0.8	0.509
57.9	2.01	0	0.2	0.805
			0.8	0.677
61.0	2.29	0	0.2	0.889
			0.8	0.396
64.0	3.14	0	0.2	0.786
			0.8	1.170
65.5	3.54	0	0.8	0.844
			0.8	1.122
67.1	3.78	0	0.2	1.012
			0.8	1.253
68.6	3.99	0	0.2	1.170
			0.8	1.253
70.1	2.53	11	0.2	1.170
			0.8	1.430
73.2	2.16	11	0.2	1.283
			0.8	1.012
74.7	1.65	19	0.2	1.430
			0.8	1.100
76.2	0.79	0	0.6	0.0
78.0	0.0	0	0.0	0.0