

GAGE ID# 0
 DATE 12/27/2001
 TRANSECT 02
 USER ID# 7237
 SH BEGIN 0.00
 SH END 0.00
 GH BEGIN 0.00
 GH END 0.00
 EST. DISCHARGE 0.00
 EST. Q (ADJ) 150.00
 METER ID# 80092
 AQUACALC ID# 671
 SOUNDING WT. 0
 START NEAS. AT LEW
 METER TYPE Pygmy ST2
 METER CONST. C1 0.9604
 METER CONST. C2 0.0312
 METER CONST. C3 0.9604
 METER CONST. C4 0.0312
 METER CONST. C5 0.0
 MEASUREMENT TIME 40
 NEAS. SYSTEM SAE
 PERCENT SLOPE 0.00
 TOTAL VERTICALS 25
 TOTAL STATIONS 35
 TOTAL WIDTH 46.50
 TOTAL AREA 58.20
 TOTAL DISCHARGE 150.000
 PCT DIFFERENCE 0.0
 MEAN VELOCITY 2.58
 WETTED PERIMETER 106.09
 HYDRAULIC RADIUS 0.55
 MANNING FACTOR 0.00

OB	DIST	DEPTH	ICE	REVS	TIME	COS:VF	LOC	COEF	CLOCK	VEL	AREA	FLOW(Q)	FLAGS
1	1.50	0.00	0.00	0	0.0	1.00	6	1.00	10:54	0.000	0.000	0.000	
2	3.50	0.80	0.00	38	40.5	1.00	6	1.00	10:54	0.932	1.800	1.678	
3	6.00	1.18	0.00	66	40.5	1.00	6	1.00	10:56	1.596	2.950	4.708	
4	8.50	1.30	0.00	97	40.2	1.00	6	1.00	10:59	2.349	3.250	7.634	1
5	11.00	1.00	0.00	118	40.0	1.00	6	1.00	11:00	2.864	2.250	6.444	
6	13.00	1.30	0.00	111	40.1	1.00	6	1.00	11:02	2.690	2.600	6.994	8
7	15.00	1.46	0.00	100	40.4	1.00	6	1.00	11:03	2.408	2.560	6.164	
8	16.50	1.68	0.00	86	40.0	1.00	8	1.00	11:05	2.096	2.520	5.491	3
9	16.50	1.68	0.00	46	19.8	1.00	2	1.00	11:07	2.262	0.000	0.000	3 8
10	18.00	2.00	0.00	87	40.0	1.00	8	1.00	11:08	2.120	3.050	6.896	3
11	18.00	2.00	0.00	99	40.1	1.00	2	1.00	11:09	2.402	0.000	0.000	3
12	19.55	2.00	0.00	95	40.0	1.00	8	1.00	11:11	2.312	1.500	1.734	3
13	19.50	2.00	0.00	118	40.1	1.00	2	1.00	11:14	2.857	1.950	0.000	3
14	21.50	1.78	0.00	108	40.3	1.00	8	1.00	11:15	2.605	3.560	10.700	1 3
15	21.50	1.78	0.00	141	40.1	1.00	2	1.00	11:16	3.408	0.000	0.000	34
16	23.50	1.90	0.00	105	40.0	1.00	8	1.00	11:18	2.552	3.800	11.600	1 3
17	23.50	1.90	0.00	147	40.1	1.00	2	1.00	11:19	3.552	0.000	0.000	34
18	25.50	1.80	0.00	108	40.1	1.00	8	1.00	11:20	2.618	3.600	10.670	1 3
19	25.50	1.80	0.00	137	40.1	1.00	2	1.00	11:21	3.312	0.000	0.000	34
20	27.50	2.16	0.00	84	40.2	1.00	8	1.00	11:22	2.038	4.320	11.940	1 3
21	27.50	2.16	0.00	72	20.0	1.00	2	1.00	11:24	3.489	0.000	0.000	34
22	29.50	1.98	0.00	89	40.2	1.00	8	1.00	11:25	2.157	1.980	5.422	3
23	29.50	1.98	0.00	138	40.3	1.00	2	1.00	11:27	3.320	0.000	0.000	34
24	0.00	0.00	0.00	0	0.0	1.00			0:00	0.000	0.000	0.000	
25	31.50	1.80	0.00	96	40.1	1.00	8	1.00	11:29	2.330	0.000	0.000	3
26	31.50	1.80	0.00	140	40.2	1.00	2	1.00	11:30	3.376	0.000	0.000	34
27	33.50	1.80	0.00	72	40.1	1.00	8	1.00	11:31	1.756	3.600	9.378	1 3
28	33.50	1.80	0.00	72	20.2	1.00	2	1.00	11:32	3.454	0.000	9.378	1 34
29	35.50	1.60	0.00	82	40.4	1.00	8	1.00	11:34	1.981	3.200	8.584	1 3
30	35.50	1.60	0.00	140	40.1	1.00	2	1.00	11:35	3.384	0.000	8.584	1 34 8
31	37.50	1.30	0.00	99	40.0	1.00	6	1.00	11:36	2.408	2.600	6.261	
32	39.50	1.00	0.00	81	40.3	1.00	6	1.00	11:37	1.962	2.000	3.924	
33	41.50	1.00	0.00	32	20.1	1.00	6	1.00	11:39	1.560	2.250	3.510	
34	44.00	0.88	0.00	27	41.2	1.00	6	1.00	11:41	0.661	2.860	1.890	
35	48.00	0.00	0.00	0	0.0	1.00	6	1.00	0:00	0.000	0.000	0.000	

1. USER EXCEEDED SINGLE SUBSECTION 05% EST. Q.
2. THE PRODUCT OF VELOCITY AND DEPTH EXCEEDED THE SELECTED SOUNDING WEIGHT.
3. INCORRECT METER USED FOR DEPTH OF STREAM.
4. INCORRECT METER USED FOR VELOCITY OF STREAM.
5. ABNORMAL VELOCITY PROFILE CALCULATED.
6. DEPTH ESTIMATED BY USER.
7. VELOCITY ESTIMATED BY USER.
8. TURBULENT VELOCITY MEASURED