

GAGE ID# 0 *only @ varda*
 DATE 12/27/2001
 TRANSECT 03
 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) 133.00
 METER ID# 80092
 AQUACALC ID# 671
 SOUNDING WT. 0
 START MEAS. 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
 MEAS. SYSTEM SAE
 PERCENT SLOPE 0.00
 TOTAL VERTICALS 25
 TOTAL STATIONS 33
 TOTAL WIDTH 70.00
 TOTAL AREA 72.80
 TOTAL DISCHARGE 133.000
 PCT DIFFERENCE 0.0
 MEAN VELOCITY 1.83
 WETTED PERIMETER 70.89
 HYDRAULIC RADIUS 1.03
 MANNING FACTOR 0.00

OB	DIST	DEPTH	ICE	REVS	TIME	COS:VF	LOC	COEF	CLOCK	VEL	AREA	FLOW(Q)	FLAGS
1	0.00	0.00	0.00	0	0.0	1.00	6	1.00	12:38	0.000	0.000	0.000	
2	4.00	0.76	0.00	60	40.5	1.00	6	1.00	12:38	1.454	2.660	3.868	
3	7.00	0.90	0.00	92	40.3	1.00	6	1.00	12:39	2.224	2.700	6.005	
4	10.00	1.00	0.00	95	40.4	1.00	6	1.00	12:40	2.289	3.000	6.867	1
5	13.00	1.08	0.00	94	40.1	1.00	6	1.00	12:41	2.282	3.240	7.394	1
6	16.00	1.48	0.00	67	40.1	1.00	6	1.00	12:42	1.636	3.700	6.053	
7	18.00	1.66	0.00	99	40.2	1.00	2	1.00	12:43	2.396	3.320	7.004	1 3
8	18.00	1.66	0.00	75	40.2	1.00	8	1.00	12:44	1.823	0.000	0.000	3
9	20.00	1.90	0.00	136	40.0	1.00	2	1.00	12:45	3.297	3.800	10.380	1 3 4
10	20.00	1.90	0.00	90	40.5	1.00	8	1.00	12:46	2.165	0.000	0.000	3
11	22.00	1.82	0.00	157	40.2	1.00	2	1.00	12:48	3.782	3.190	10.010	1 3 4
12	22.00	1.82	0.00	103	40.2	1.00	8	1.00	12:49	2.492	0.000	0.000	3
13	23.50	1.80	0.00	162	40.1	1.00	2	1.00	12:50	3.911	2.700	9.470	1 3 4 8
14	23.50	1.80	0.00	128	40.0	1.00	8	1.00	12:51	3.104	0.000	0.000	3 4
15	25.00	2.64	0.00	140	40.2	1.00	2	1.00	12:53	3.376	3.960	12.470	1 3 4
16	25.00	2.64	0.00	121	40.2	1.00	8	1.00	12:54	2.922	0.000	0.000	3
17	26.50	2.76	0.00	59	20.4	1.00	2	1.00	12:56	2.809	4.140	9.727	1 3 8
18	26.50	1.76	0.00	78	40.3	1.00	8	1.00	12:57	1.890	0.000	0.000	3
19	28.00	2.60	0.00	67	40.5	1.00	2	1.00	12:58	1.620	4.550	7.146	1 3
20	28.00	2.60	0.00	63	40.6	1.00	8	1.00	12:59	1.521	0.000	0.000	3
21	30.00	1.58	0.00	43	40.1	1.00	2	1.00	13:00	1.061	3.950	4.853	3 5
22	30.00	1.58	0.00	57	40.1	1.00	8	1.00	13:01	1.396	0.000	0.000	3 5
23	33.00	1.40	0.00	38	40.8	1.00	6	1.00	13:02	0.926	4.200	3.889	
24	36.00	1.00	0.00	61	40.1	1.00	6	1.00	13:03	1.492	3.500	5.222	
25	40.00	0.70	0.00	33	40.1	1.00	6	1.00	13:06	0.822	2.800	2.302	
26	44.00	0.60	0.00	16	41.5	1.00	6	1.00	13:08	0.401	2.400	0.962	
27	48.00	0.70	0.00	52	40.5	1.00	6	1.00	13:09	1.264	2.800	3.539	
28	52.00	0.70	0.00	18	20.2	1.00	6	1.00	13:10	0.887	2.800	2.484	8
29	56.00	0.68	0.00	50	40.3	1.00	6	1.00	13:11	1.223	2.720	3.327	
30	60.00	0.68	0.00	37	20.4	1.00	6	1.00	13:12	1.773	2.720	4.823	8
31	64.00	0.50	0.00	42	29.6	1.00	6	1.00	13:14	1.394	2.000	2.788	8
32	68.00	0.64	0.00	31	21.0	1.00	6	1.00	13:16	1.449	1.920	2.782	
33	70.00	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