

GOOSE LAKE PROJECT - 1993 HYDROLOGY

STN: W2 METER: PRICE AA DATE: 25-Jun-93 Stf Gauge Height: 0.64m
 HYDROL: J. Jemmet LOC: Wing Tip Creek Wetted Width: 4.7 m

DIST (m)	WIDTH (m)	DEPTH (m)	REV	TIME (s)	AREA (sq. m.)	DISCH (cu. m/s)	COMMENTS
0.70	0.70	0.70	23	30	0.245	0.4110	Left Bank/Float method: 0.5m/s
1.40	0.70	0.70	30	30	0.490	1.0712	
2.10	0.70	0.72	33	30	0.504	1.2117	
2.80	0.70	0.65	24	30	0.455	0.7963	
4.40	1.60	0.65	38	30	1.040	2.8781	
4.60	0.20	0.10	14	30	0.010	0.0102	
4.70	0.10		0	0			Right Bank
	4.70				2.744	6.3785	SUM
		0.587					AVERAGE

STN: W7 METER: PRICE AA DATE: 25-Jun-93 Stf Gauge Height: 0.475 m @ ~0.5m from L. B
 HYDROL: J. Jemmet LOC: Goose Foot Ck. Wetted Width: ~34.8m

DIST (m)	WIDTH (m)	DEPTH (m)	REV	TIME (s)	AREA (sq. m.)	DISCH (cu. m/s)	COMMENTS
1.40	1.40	0.50	11	30	0.350	0.2819	Left Bank
2.40	1.00	0.45	30	30	0.450	0.9837	
4.40	2.00	0.39	37	30	0.780	2.1019	
6.40	2.00	0.30	45	30	0.600	1.9585	
8.40	2.00	0.36	30	30	0.720	1.5740	
10.40	2.00	0.40	28	30	0.800	1.6326	? fewer number of revs
12.40	2.00	0.25	35	30	0.500	1.2747	
14.40	2.00	0.27	36	30	0.540	1.4159	
16.40	2.00	0.29	31	30	0.580	1.3101	
18.40	2.00	0.37	17	30	0.740	0.9187	
20.40	2.00	0.25	25	30	0.500	0.9114	
22.40	2.00	0.27	31	30	0.540	1.2197	
24.40	2.00	0.19	27	30	0.380	0.7479	
26.40	2.00	0.20	29	30	0.400	0.8454	
28.40	2.00	0.29	17	30	0.580	0.7200	
30.40	2.00	0.28	11	30	0.560	0.4510	
32.40	2.00	0.23	9	30	0.460	0.3036	
34.40	2.00	0.26	12	30	0.520	0.4566	
34.70	0.30	0.12	16	30	0.018	0.0210	Right Bank
34.80	0.10		0	0			
	34.80				10.018	19.1288	SUM
		0.298					AVERAGE

STN: W6 METER: PRICE AA DATE: 25-Jun-93 Stf Gauge Height: 0.64m
 HYDROL: J. Jemmet LOC: Goose Beak Ck. Wetted Width: 4.4 m

DIST (m)	WIDTH (m)	DEPTH (m)	REV	TIME (s)	AREA (sq. m.)	DISCH (cu. m/s)	COMMENTS
1.00	1.00	0.27	37	30	0.135	0.3638	Left Bank
1.50	0.50	0.37	40	30	0.185	0.5370	
2.00	0.50	0.40	48	30	0.200	0.6962	
2.50	0.50	0.65	26	30	0.325	0.6160	
3.00	0.50	0.76	33	30	0.380	0.9136	
3.50	0.50	0.40	18	30	0.200	0.2628	
4.00	0.50	0.25	5	30	0.063	0.0231	
4.40			0	0			Right Bank
	4.00				1.488	3.4125	SUM
		0.443					AVERAGE