DATA LISTING AND MIDSECTION METHOD CALCULATIONS

STREAM:TOBY CREEK STATION NO. X/S 11 AA

DATE:MAY 4 1978 AA

MEAS. AT 640 FEET ABOVE X, BELOW , GAUGE. AA

MEAS. FROM WADING: T/S AA

PARTY:B PETERSON J DUNCAN B EDWARDS P SAUNDERS D FERNYHOUGH AA

STARTING ON THE RIGHT BANK AA

METER: TYPE AND NUMBER: PRICE 001 PROP. NO.: CODE 15 AA

GAUGE HEIGHT: BEGINNING: 2.13 END: 2.13 MEAN: 2.13 AA

TIME: BEGINNING: 14:35 END: 15:00 AA

UNITS: (M OR F) F WEIGHT USED: . ARR. OF METER ON HANGER: AA

2/10 METHOD: CORR. FACTOR STANDARD SOUNDINGS DATE: AA

NOTES: AA

NOTES: AA

NOTE:

This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.

OBSERVATION										COMPUTED RESULTS				
SEQ.	BNK CDS	MTD	STATION	TOTAL DEPTH	ICE DEPTH	TRUE DEPTH	METER DEPTH	REVS	TIME	METR ANGL	REMARKS	VELOCITY AT POINT	MEAN VELOCITY	WIDTH	AREA	DISCHARGE
RIGHT BANK																
AA 1 BGN			10.0	0.0							R/B 14:35					
AA 2		SIX	14.0	0.7		.42	30	41				1.640	1.641	4.000	2.800	4.594
AA 3		SIX	18.0	1.4		.84	60	49				2.743	2.743	4.000	5.600	15.362
AA 4		SIX	22.0	1.9		1.14	70	46				3.408	3.408	4.000	7.600	25.902
AA 5		SIX	26.0	2.1		1.26	70	44				3.562	3.563	4.000	8.400	29.928
AA 6		SIX	30.0	2.1		1.26	80	45				3.980	3.981	4.000	8.400	33.439
AA 7		SIX	34.0	2.2		1.32	80	43				4.165	4.166	4.000	8.800	36.660
AA 8		SIX	38.0	2.0		1.20	80	43				4.165	4.166	4.000	8.000	33.327
AA 9		SIX	42.0	2.0		1.20	70	44				3.562	3.563	4.000	8.000	28.503
AA10		SIX	46.0	2.1		1.26	70	44				3.562	3.563	4.000	8.400	29.928
AA11		SIX	50.0	2.0		1.20	70	41				3.823	3.823	4.000	8.000	30.586
AA12		SIX	54.0	2.2		1.32	80	45				3.980	3.981	4.000	8.800	35.032
AA13		SIX	58.0	2.1		1.26	80	44				4.071	4.071	4.000	8.400	34.199
AA14		SIX	62.0	2.1		1.26	80	41				4.368	4.369	4.000	8.400	36.699
AA15		SIX	66.0	2.0		1.20	70	42				3.732	3.732	4.000	8.000	29.859
AA16		SIX	70.0	1.8		1.08	80	45				3.980	3.981	4.000	7.200	28.662
AA17		SIX	74.0	1.6		.96	80	46				3.894	3.894	4.000	6.400	24.924
AA18		SIX	78.0	1.3		.78	50	42				2.667	2.667	4.000	5.200	13.869
AA19		SIX	82.0	.5		.30	30	48				1.402	1.402	3.250	1.625	2.278
AA20 STP			84.5	0.0							W/L L/B 15:00					
AA21 END																
LEFT BANK																

MIDSECTION METHOD AREA OF CROSS SECTION: 128.025 SQU FEET

MIDSECTION METHOD AVERAGE VELOCITY: 3.700 FEET /SEC

MIDSECTION METHOD TOTAL DISCHARGE: 473.751 CFS

--- MEAN-SECTION METHOD RESULTS ---

TOTAL AREA OF CROSS SECTION: 129.275 SQUARE FEET
12.010 SQUARE METRES

AVERAGE VELOCITY IN THE CROSS SECTION: 3.643 FEET PER SECOND
1.110 METRES PER SECOND

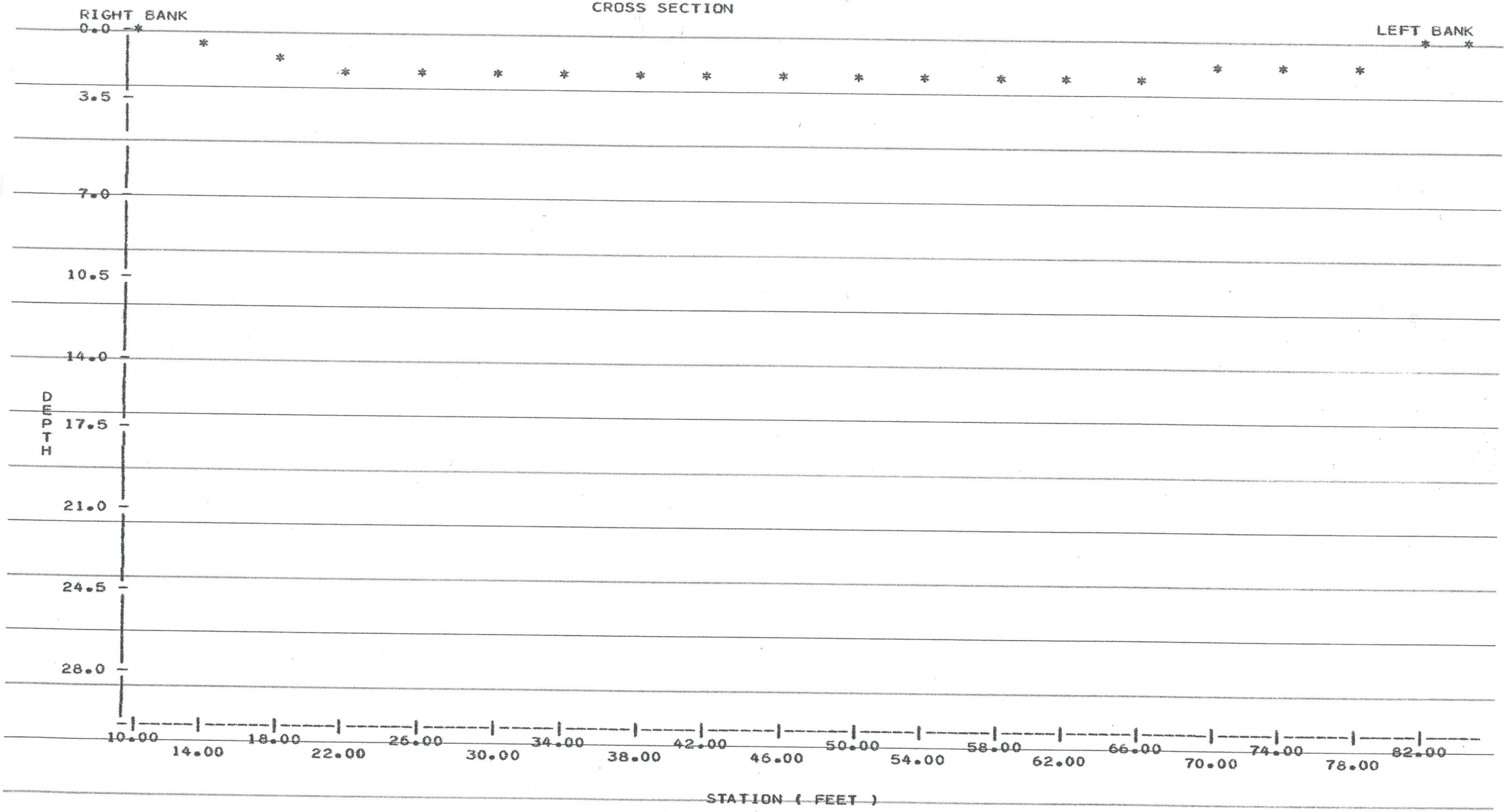
TOTAL DISCHARGE: 470.970 CFS
13.336 CMS

PER CENT DIFFERENCE BETWEEN MEAN AND MIDSECTION METHOD DISCHARGES: 0.59

TOBY CREEK

CROSS SECTION

STATION NO. X/S 11 PAGE 4



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PARTY:B PETERSON J DUNCAN B EDWARDS P SAUNDERS D FERNYHOU GH AA

STARTING ON THE RIGHT BANK AA

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NOTES: AA

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METER CORRESPONDING TO GIVEN CODE: PRICE 622 AA 001 (CALIBRATED 13/1/76)

WIDTH OF CHANNEL: 74.500 FEET
22.708 METRES

TOTAL AREA OF CROSS SECTION: 128.025 SQUARE FEET
11.894 SQUARE METRES

AVERAGE VELOCITY IN THE CROSS SECTION: 3.700 FEET PER SECOND
1.128 METRES PER SECOND

TOTAL DISCHARGE CALCULATED BY THE MIDSECTION METHOD

473.751 CFS
13.415 CMS

DATE OF COMPUTATION: MAY 9 1978