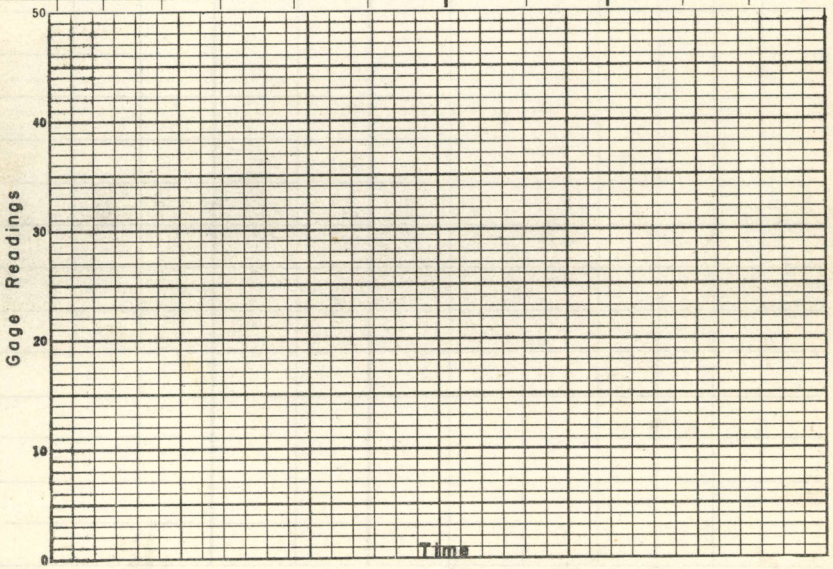
River at

Dist. from initial point	Angle Coefficient	Depth	Depth of observation	Rev.-olutions	Time in seconds	VELOCITY At point	VELOCITY Mean in section	Corr. Area	Area	Width	Discharge



Page ___ of ___ Comp. by: _____ Checked by: _____

A-34

RECORDED 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Water Resources Branch

DISCHARGE MEASUREMENT NOTES

Meas. No. Visit

Checked by _____

Date _____

Water temp. _____ °F

Air temp. _____ °F

Time _____

Brazos River at Richmond, Tex.

Date Nov. 14, 1956 Party Sauer and Hall

Width _____ Area _____ Vel. _____ G.H. _____ Disch. Flow

Method _____ No. Secs. _____ G. H. Chng. _____ ft. per hr. Time meas. _____ hrs.

Meter No. _____ Date Rated _____ Susp. _____ Susp. Coef. _____

Method Coef. _____ Hor. angle Coef. _____ Used rating for, rod _____ Susp.

GAGE READINGS					
Time	Meas	Recorder	Tape	Inside	Outside
11:00	am	2.23	2.23	—	—
	Installed New Thermograph Recorder.				
1:25		2.26	2.26	2.26 *	2.23±04
Weighted MGH					
GH Corr.					
Correct MGH					

Meter _____ ft. above bottom of weight

Spin before meas. _____ after _____

Wading, cable, ice, boat, upstr., downstr., side bridge _____ feet, mile, above, below gage, and _____

Chain, wire, found _____ at _____ G-Sta.

Changed to _____ at _____

Correct length _____

Levels Obtained _____

Measurement rated, excellent (2 %), good (5%) fair (8 %), poor (over 8 %) based on following

Cross section _____

Flow _____ Weather warm - windy upstream

Other * Tape down from 7.00 = 4.74 ∴ IG = 2.26

Gage apparently O.K. Reset peak stage indicators on float tape to 2.26 Record removed No Intakes flushed No

Pencil 4B Wt. Adj. No Paper dry

Record clear Chart time O K Clock Reg. No

Observer —

Control —

Remarks Installed Recorder No. A35I - 20302-54 - W-93040
Removed Recorder No. 83 A-35 6052-39
Changed clock from old to new recorder
Clock # 574541
PK. mark on IG = 3.82 (good)

Page 1 of ___ G.H. of zero flow _____ ft.

80. _____ River at _____

Dist. from initial point	Angle Coef-fi-cient	Depth	Depth of ob-serva-tion	Rev-olu-tions	Time in sec-onds	VELOCITY At point	VELOCITY Mean in section	Corr. Area	Area	Width	Discharge
85.											
90.											
92.											
94.											
96.											
97.											
98.											
99.											
99.											
98.											
97.											
96.											
94.											
92.											
90.											
85.											
80.											
75.											

Page ___ of ___ Comp. by: _____ Checked by: _____

80.

Dist. from initial point	Angle Coef-fi-cient	Depth	Depth of ob-serva-tion	Rev-olu-tions	Time in sec-onds	VELOCITY At point	VELOCITY Mean in section	Corr. Area	Area	Width	Discharge
85.											
90.											
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96.											
97.											
98.											
99.											
99.											
98.											
97.											
96.											
94.											
92.											
90.											
85.											
80.											
75.											

Page ___ of ___ Comp. by: _____ Checked by: _____