A-34

RECORDED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Water Resources Branch

DISCHARGE MEASUREMENT NOTES

Meas. No. U15 IT

Checked by

Date

Water temp. 81 °F

Air temp. °F

Time

Brazos River at Richmond Tex.

Date June 25, 1957 Party J N Sansom

Width Area Vel. G.H. Disch.

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
5:15 pm			23.30	±.30	23.35 ±.5
5:35 pm		23.30	23.30	±.30	
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 58.69 at G-Sta.

Changed to – at

Correct length 58.68

Levels Obtained No.

Measurement rated, excellent (2 %), good (5%)

fair (8 %), poor (over 8 %) based on following

Cross section

Flow Yes Weather clear-hot

Other –

Gage *OK

Record removed Yes Intakes flushed No

Pencil None Wt. Adj. No Paper Dry

Record * clear Chart time OK Clock Reg. No

Observer Not seen

Control –

Remarks WW-23.51 @ 5:05

*Found pen out of ink - refilled and re-started.

Thermograph was apparently set wrong. Incorrectly

Installed new roll recorder paper.

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G.H. of zero flow ft.

80. _____ River at _____

Dist. from initial point	Angle Coefficient	Depth	Depth of observation	Revolutions	Time in seconds	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.											

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