A-34

RECORDED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Water Resources Branch

DISCHARGE MEASUREMENT NOTES

Meas. No. Visit

Checked by

Date

Brazos River at Richmond, Tex.

Date Feb. 5, 1952 Party James 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
11:45	am	2.12	2.13	*	2.14
12:05		2.13	2.13		
5:25	pm	2.14	2.14		2.14
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 58.70 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 Weather clear - very windy

Other —

Gage OK

Record removed Yes Intakes flushed Yes

Pencil 3B Wt. Adj. No Paper Dry

Record clear Chart time 1 3/4 hrs. Clock Reg. No

Observer Not seen

Control

Remarks MW = 2.15 ~~* No IG at this stage - IG needs to be lowered~~

Max stage ind. found @ 2.88 = 2.31 K = -57

Unable to find suitable wading section

Page 1 of 1 G.H. of zero flow Not det 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.

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