A-34 RECORDED

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. 27, 1956 Party Sauer and Pope

Width Area Vel. G.H. Disch. visit

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
10:00 a.m.		1.26	1.26	1.26*	1.25
	W	Wt =	1.23	@ 10:15 a.m.	
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

Other

Gage * IG = 7.00 - (4.75 + 1.99) = 1.26 (By taping down)
5.74
OG = 3.00 - 1.75 = 1.25

Record removed No Intakes flushed No

Pencil Wt. Adj. Paper

Record Chart time O.K. Clock Reg.

Observer

Control

Remarks Pk. stage ind. on float tape = 1.74 } Reset to 1.3
Min. " " " " " = 1.24 }

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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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