9-275 c
(August 1949)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Meas. No. 524

Comp. by

Checked by BGS

·2 depth method

DISCHARGE MEASUREMENT NOTES

Brazos River ~~near~~ at Richmond, Tex

Date Oct 28, 1957 Party Lamar & Sauer

Width Area Vel. G. H. Disch. ~~29,700~~ 28,900

Method No. secs. G. H. change in hrs. Susp.

Method coef. Hor. angle coef. Susp. coef. Meter No.

GAGE READINGS				
Time		Recorder	Inside	Outside
Weighted M. G. H.				
G. H. correction				
Correct M. G. H.			16.72	

Date rated Used rating for rod susp. Meter ft. above bottom of wt. Tags checked

Spin before meas. after

Meas. plots % diff. from rating

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

Check-bar, chain found

changed to at

Correct

Levels obtained

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

Flow Weather

Other Air ° F. @

Gage Water ° F. @

Record removed Intake flushed { U. L.

Observer

Control

Remarks Q_m = 27,500 (total)

Q_m = 27,400 (between sta. 610 & REW)

C = 94

G. H. of zero flow ft. Sheet No. of sheets.

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9-275
September 1943

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date Oct 28, 1957 **DISCHARGE MEASUREMENT NOTES**

Brazos River at Richmond Tex.

Angle coefficient

Dist. from initial point	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY At point	VELOCITY Mean in vertical	VELOCITY Mean in section	Area	Mean depth	Width	Discharge
		LEW @			10:39 am						
560											0
580											~~60~~
610							1.67	158			~~264~~
640							2.06	226			466
660							1.89	268			507
680							2.63	358			942
700							3.22	400			1288
720							3.52	404			1422
740							3.91	422			1650
760							4.00	436			1744
780							4.67	446			2083
800							4.39	465			2041
820							4.67	485			2265
840							4.77	525			2504
860							4.88	502			2450
875							4.67	180			841
883							3.39	274			929
900							4.19	600			2514
920							4.29	498			2136
940							4.19	430			1802
960							3.08	337			1038
980							2.44	101			297
990											0
											~~29,183~~ 28,959

No. _____ of _____ Sheets, Comp. by _____ Chk. by DGS

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