9-275 c
(August 1949)

Partial Meas

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

DISCHARGE MEASUREMENT NOTES

Meas. No. _____

Comp. by _____

Checked by _____

Reviewed
[signature]
Engr. in chg.

Brazos River at Richmond, Tex.

Date Oct 17, 1957 Party Sauer & Lamar

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

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

Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. 1704

GAGE READINGS

Time		~~Recorder~~ Tape	~~Inside~~ WWT	Outside
3.00 pm.		29.28	29.66	
	Center of Surge			
4:46 PM		29.52		
	(center of Surge)			
Weighted M. G. H.				
G. H. correction				
Correct M. G. H.				

Date rated JUN 1 1950 Used rating for rod — susp. Meter 1.0 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 58.69

changed to _____ at _____

Correct 58.68

Levels obtained _____

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

Flow swift Weather _____

Other _____ Air _____ ° F. @ _____

Gage OK Water _____ ° F. @ _____

_____ Record removed No Intake flushed { U. _____ L. _____

Observer talked to him

Control —

Remarks Lost Meter, 100# WT, 8 Cable - Large tree was snagg'ed and could not free

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 17, 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	Corr. Area	Mean depth	Width	Discharge
	100	0		REW	@ 3:55 pm				0		5	0
⊥	110	10.2	2.0	80	50	3.50		4.22			15	
			8.2	100	44	4.95						
⊥	130	25.0	5.0	150	49	6.65		5.74			20	
	4:12	P.M	20.0	100	45	4.84						
⊥	150	33.5	6.7	150	53	6.15		5.60			20	
			26.8	100	43	5.06						
⊥	170	37.5	7.5	150	45	7.24		6.70				
	4:23	P.M	30.0	150	53	6.15						
	190	50.0	10.0	150	46	7.08		7.08				
	Pier out		very	turbulent								
	230	46.0	9.2	200	47							
	260	44.0		Lost	Meter, 100# wt., cable !!!							
				Time 4:35 pm.								

No. 2 of _____ Sheets, Comp. by _____ Chk. by _____

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