9-275
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Meas. 194

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date 3-18-41, 19 ___ **DISCHARGE MEASUREMENT NOTES**

Brazos River, at Richmond, Tex.

Dist. from initial point	Angle coefficient	Depth	Depth of observation	Revolutions	Time in seconds	VELOCITY At point	VELOCITY Mean in vertical	VELOCITY Mean in section	Area	Mean depth	Width	Discharge
468			.2				0	0	13			0
460							0	.34	115			40
440							.68	.99	185			180
420							1.30	1.54	219			340
400							1.77	1.87	250			470
380							1.97	2.26	277			620
360							2.55	2.66	292			780
340							2.78	2.98	300			890
320							3.18	3.15	314			990
300							3.12	3.28	329			1080
280							3.43	3.43	343			1180
260							3.43	3.52	346			1220
240							3.60	3.66	340			1250
220							3.72	3.68	340			1250
200							3.64	3.64	343			1250
180							3.64	3.38	346			1170
160							3.12	2.80	354			990
140							2.48	2.16	376			810
120							1.83	1.93	328			630
100							2.03	1.02	164			170
80							0	0	12			0
72			.2				0		5587			1530

G = 13,900

V_{2-8} = 2.49 V_{2-8} / V_2 = 2.49 / 2.74 = 909

V_2 = 15,309/5590 = 2.74

No. 1 of 1 Sheets. Comp. by WHG Chk. by [illegible]