9-275
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Meas 196

Date 5-7-41, 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
49.3			.2				0	.54	35			20
480					0.898		1.09	.54	138			70
465							0	1.56	251			390
450					=		3.12	3.27	436			1420
430					5.42		3.42	3.50	470			1640
410					4.88		3.58	4.01	510			2040
390							4.44	4.86	559			2710
370							5.28	5.52	572			3160
350					=		5.77	5.80	573			3320
330			.2		1.2		5.82	6.02	568			3480 3530
310			.5	1/2-6			6.42	6.28	561			3520
290			.2				6.15	6.09	554			3370
270			.2				6.03	6.48	561			3640
250			.2				6.93	6.84	590			4030
230			.5				6.74	6.63	600			3980
210	G = 53,700		.5				6.52	6.32	619			3910
190			.5		= 5.43		6.11	6.10	637			3890
170			.5			11000	6.09	6.12	616			3780
150			.2				6.15	5.64	618			3480
130			.5				5.14	5.34	613			3320 3270
110			Est	5	4.88		5.70	5.62	518			2920
90			.5		=		5.58	4.18	345			1440
70			.2				2.78	1.39	92			130
57				1/2-8			0		11036			59680

No. 1 of 1 Sheets. Comp. by WHG Chk. by