9-275
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Meas 192

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date 2-8-41, 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
484			.2				0	-.22	25			-10
475				.927			-.43	-.22	81			-20 -30
465							0	.84	222			190
455							1.69	1.86	396			740
430				3.75 =			2.03	2.30	426			980
410					4.24		2.58	3.15	461			1450
390							3.72	3.80	482			1830
370				=			3.88	4.28	479			2050
350				1½-8	1½		4.69	4.86	485			2360
330							5.04	5.04	512			2580
310							5.03	5.02	538			2700
290							5.00	5.04	548			2760
270							5.07	5.18	542			2810
250							5.28	5.36	528			2840
230	39,080						5.45	5.40	546			2950
210					4.26		5.36	5.24	603			3160
190							5.11	5.24	599			3140
170					=		5.36	5.05	563			2840
150	=				9870		4.74	4.31	565			2440
130				3.95			3.88	3.76	543			2040
110					42,000		3.64	3.74	440			1650
90				=			3.83	1.92	261			500
70				½-8	½ =		0	0	24			0
64			.2				0		9869			41,980

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