9-275
January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Meas. 191

Date 2-7-41, 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
492							0	-.33	11			—
485			.6		919		-.66	-.62	54			-30
475			.2				-.63	-.32	43			-10/-40
470							0	1.04	224			230
455							2.07	2.52	423			1060
435					4.30 / 4.68		2.97	2.80	359			1010
420							2.64	3.00	514			1540
400							3.36	3.66	544			1990
380							3.97	4.52	558			2520
360				1/2 8	1/2		5.07	5.22	554			2880
340							5.36	5.40	568			3070
320							5.45	5.50	595			3270
300							5.54	5.59	603			3370
280							5.64	5.59	618			3460
260							5.54	5.59	648			3620
240					4.68		5.64	5.64	650			3670
220							5.64	5.59	629			3520
200					=		5.54	5.64	609			3440
180					11250		5.74	5.46	604			3290
160							5.19	5.02	616			3100
140				1/2-8 = 4.30	5278		4.85	4.60	630			2900
120							4.36	4.58	578			2650
100					=		4.81	4.26	426			1810
80					1/2		3.70	1.85	189	1/1250		350
60							0	0	2			52700
58 REW			.2				0					

G = 48400

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