Meas 193

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January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date 2-11-41, 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
472			.2				0	.30	40			10
460							.60	.52	181			90
440							.43	.88	254			220
420							1.33	1.86	304			560
400							2.39	2.76	349			960
380							3.12	3.31	374			1240
360							3.50	3.69	382			1410
340							3.88	3.92	385			1510
320							3.97	4.00	395			1580
300							4.04	4.08	416			1700
280							4.12	4.12	434			1790
260							4.12	4.20	436			1830
240							4.28	4.32	426			1840
220							4.36	4.32	428			1850
200							4.28	4.18	434			1820
180							4.08	3.90	434			1690
160							3.72	3.34	440			1470
140							2.97	2.86	449			1280
120							2.74	2.66	384			1020
100							2.58	1.29	223			290
80							0	0	40			0
68			.2				0		7207			24160
$V_{.2-8}$ =		3.15										
$V_{.2}$ =		24,200 / 7210		=	3.36			$V_{.2-8}$ / $V_{.2}$	=	3.15 / 3.36		= .938

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

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