9-275
January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Meas. 187

Date 1-21-41, 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			–				0	.30	18			10
460			.6				.59	.72	154			110
440			.2				.86	1.16	224			260
420							1.47	1.70	251			430
400							1.93	2.22	285			630
380							2.50	2.59	308			800
360							2.68	2.99	331			990
340							3.30	3.26	343			1120
320							3.21	3.41	349			1190
300							3.61	3.52	369			1300
280							3.44	3.51	390			1370
260							3.58	3.62	405			1470
240							3.67	3.66	411			1500
220							3.64	3.67	412			1510
200							3.70	3.60	413			1490
180							3.50	3.31	404			1340
160							3.12	2.86	391			1120
140							2.60	2.52	399			1010
120							2.44	2.30	349			800
100							2.15	1.20	197			240
80							.24	.12	21			–
72			2				0		424			18690
$V_{.2-8}$ =		2.72						$V_{.2-8}$ /	=	2.72 /	=	.935
$V_{.2}$ =	18700		/ 420	= 2.91				$V_{.2}$		2.91		

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

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