Meas. 213

9-275
January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date 5/25, 19 42 **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
REW 61			.2				0	0	39			0
70							0	1.94	186			360
85							3.87	4.12	285			1170
100				0.926			4.36	4.54	365			1660
115							4.73	4.64	404			1880
130				4.02	4.34		4.54	4.74	534			2530
150							4.94	5.00	520			2600
170							5.06	5.36	505			2700
190				1/2-8	1/2		5.65	5.65	489			2760
210							5.65	5.60	488			2730
230							5.56	5.34	485			2590
250							5.12	5.09	476			2420
270							5.06	5.06	461			2330
290							5.06	5.00	443			2220
310							4.94	5.00	438			2190
330							5.06	4.95	453			2240
350				4040/4200 = 4.34	4.02		4.84	4.56	494			2250
370							4.28	3.73	526			1960
390				1/2 =	1/2-8 =		3.18	2.83	528			1500
410							2.48	2.48	479			1190
430							2.48	2.12	408			870
450							1.75	1.01	251			250
470							.27	.14	40			10
483			.2				0		9297			40410
LEW												

G + 37,400

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