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9-275
January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Meas. 189

Date 2-5-41, 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
496			.2		6 .924		0	-.53	7			—
490			.6				-1.06	-1.14	40			-50
480			.2				-1.21	-1.60	85			-150
470					5 5.63		0	1.78	346			620 -100
450					3 5.20		3.57	3.66	463			1690 ~~1700~~
430							3.76	3.67	481			1770
410							3.58	4.11	510			2100
390							4.64	5.06	543			2750
370							5.48	5.82	571			3320
350							6.17	6.36	582			3700
330							6.54	6.30	600			3780
310							6.05	6.23	614			3820
290			2				6.41	6.54	617			4040
270			5				6.68	6.88	615			4230
250			5				7.08	7.11	608			4320
230			5		5 5.63		7.14	7.39	617			4560
210			5				7.64	7.42	626			4650
190			5				7.21	6.98	626			4370
170			5				6.74	6.30	645			4070
150			5		5 11.600		5.86	5.57	654			3650
130			.2				5.28	5.06	634			3210
110			5				4.85	5.22	534			2790
90			5				5.58	4.41	347			1530
70			.2				3.24	1.62	104 ~~209~~			170 ~~340~~
53							0					~~65320~~ 65040

Q = 60,100

V_{2-8} = 5.20 / V_2 = 5.63

V_{2-8} = 5.20 / V_2 = 11,600

11608
11469

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