Meas. 212

9-275
January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date 5-16-42, 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
REW 68			.2	9			0	07	22			0
75				0.93			.14	1.48	90			130
85							2.82	3.21	134			430
95							3.60	3.56	172			610
105				3.69 =	3.95		3.52	3.56	206			730
115							3.60	3.72	332			1240
130							3.83	4.12	426			1750
150				V2-8 =	V.2		4.40	4.54	391			1780
170							4.68	4.73	362			1720
190							4.78	5.00	336			1680
210							5.23	5.00	332			1660
230							4.78	4.59	337			1550
250							4.40	4.44	324			1440
270							4.49	4.32	301			1300
290				3.95			4.15	4.36	277			1210
310							4.58	4.58	270			1240
330							4.58	4.58	279			1280
350				6	3.69		4.58	4.40	285			1250
370				24,800 / 6260 =			4.23	4.03	296			1190
390							3.83	3.42	306			1050
410				V.2 =	V.2-8 =		3.01	2.59	312			810
430							2.17	1.76	244			430
445							1.36	.98	179			180
460							.61	.30	48			10
473			.2				0		6261			24,670

Q = 23,100

LEW

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