Meas 201

9-275
January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date 10/13/41, 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
LEW 465			.2				0	.19	46			10
450							.38	.54	156			80
430							.69	1.30	228			300
410							1.90	2.36	305			720
390							2.83	3.34	306			1020
370							3.84	4.00	257			1030
350							4.16	4.28	263			1130
330							4.40	4.45	275			1220
310							4.50	4.50	271			1220
290							4.50	4.58	273			1250
270							4.65	4.60	280			1290
250							4.55	4.46	289			1290
230							4.37	4.37	285			1240
210							4.37	4.28	288			1230
190							4.20	3.98	301			1200
170							3.76	3.43	309			1060
150							3.10	2.36	332			780
130							1.63	1.48	346			510
110							1.33	1.18	266			310
90							1.03	.52	82			40 50
73							0		5158			3 16900
REW												

$V_{.2} = \frac{16900}{5160} = 3.28$

$\frac{V_{2.8}}{V_{.2}} = \frac{3.00}{3.28} = 0.915$

$V_{2.8} = 3.00$

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