Meas. 170

9-275
January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date 8-23-40, 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
45		0.95	.2			0		1.46	106			150
65		"				2.92		2.97	217			640
85		"				3.02		3.80	231			880
105	5.09	5.32				4.59		5.16	238			1230
125						5.74		5.90	239			1410
145						6.06		6.14	241			1480
165	"					6.23		6.23	233			1450
185	½-8	½				6.23		6.26	223			1400
205						6.29		6.32	164			1030
220						6.35		6.29	167			1050
235						6.23		6.38	175			1120
250						6.54		6.48	182			1180
265	5.09	5.32				6.41		6.44	194			1250
280	"	"				6.47		6.35	206			1310
295						6.23		6.26	218			1360
310	23.00	24.600	4.20			6.29		6.23	232			1440
325	4.20					6.17		5.90	244			1440
340	½-8 =	½ =				5.64		5.27	354			1870
360						4.90		4.41	374			1650
380						3.92		3.72	293			1090
400						3.53		1.76	84			150
416			.2			0			4615			24,580

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