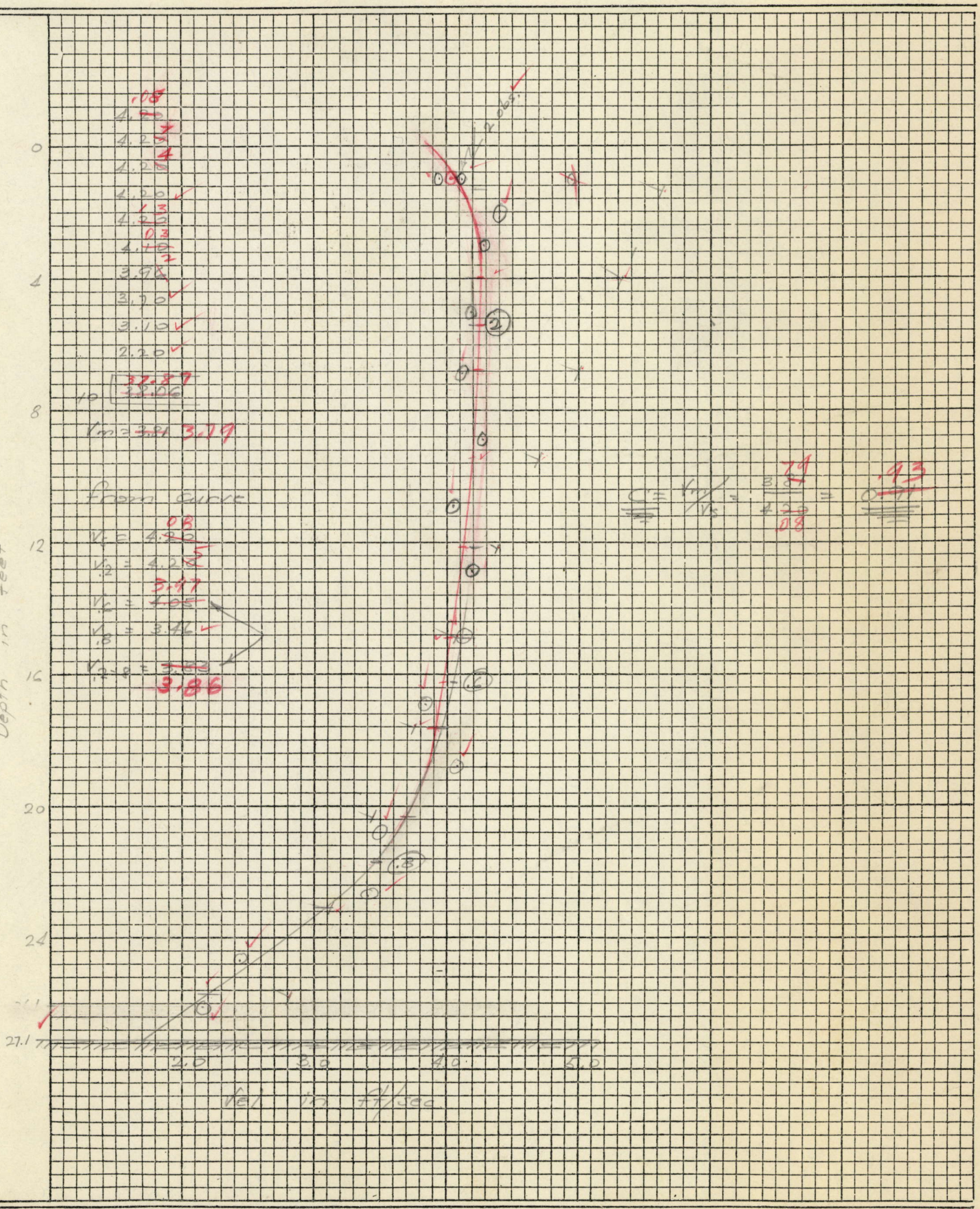
9-213-A

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

May 4, 1942

File Number { Washington ..... District .....

Brazos River at Richmond, Tex. Sta 330 at cableway G.H. 21.5



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July, 1914. Sheet No. 1 of 2 Sheets. Prepared by WHG Date 6-12-42 Checked by L.L.McD. Date 7/21/42

6-8169

80 • 75 •

9-275
January 1935

85 •

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date May 4, 1942 **DISCHARGE MEASUREMENT NOTES**

Brazos River, at Richmond, Tex

90 •

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
92 •												
94 •	start 10:45 am			Vertical Velocity Curve						Meter 1348		
96 •	Sta drag					Water surface 29'						
97 •	330	½		1.0	100	54	~~4.95~~ 4.04	Vert +	Air Corr	W-L O	Water Corr	Corr depth
98 •		4'	27.5	26.5	50	51	2.16	8	.3	26.2	.1	26.1
99 •		3½		25.0	60	54	2.44	7	.2	24.8	.1	24.7
		3½		23.0	80	51½	3.40	7	.2	22.8	.1	22.7
		3'		21.0	80	50	3.50	6	.2	20.8	–	20.8
		3'		19.0	100	53½	4.08	6	.2	18.8	–	18.8
		2½		17.0	100	57	3.83	5	.1	16.9	–	16.9
		2½		15.0	100	53	4.12	5	.1	14.9		14.9
99 •		2½		13.0	100	52	4.19	5	.1	12.9		12.9
		2½		11.0	100	54	4.04	5	.1	10.9		10.9
98 •		2'		9.0	100	51	4.28	4	.1	8.9		8.9
97 •		2'		7.0	100	53	4.12	4	.1	6.9		6.9
96 •		1½		5.0	100	52	4.19	3	–	–		5.0
94 •		1'		3.0	100	51	4.28	2	–	–		3.0
92 •		1'		2.0	100	49½	4.40	2	–	–		2.0
		1'		1.0	100	55	3.97	2	–	–		1.0
90 •		1'		1.0	100	53	4.12	2	–	–		1.0
		1'		1.0	100	53	4.12	2	–	–		1.0
					Finish	11:05 am						
85 •												
80 •												

corrected total d = 27.1

No. 2 of 2 Sheets. Comp. by WHG Chk. by L.L. McD.

75 •

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