

Copy
Original Notes in
Rosenberg file.

*File in
1931 Meas.
file*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MEAS. MEAS.

WATER RESOURCES BRANCH

REGULAR STATION

DISCHARGE MEASUREMENT NOTES

Date June 8, 1929

No. of Meas. 2

Brazos

{ River
Creek
Canal

at Richmond State of Tex.
(Two channels)

Width 556 Area 18,000 Mean Vel. 5.88 Cor. M. G. H. 38.85

Party Ellsworth-Cook (Water) Disch. 105,000

Gage found by levels to read _____

Chain length corrected on basis of levels to _____ ft. at _____ o'clock.

Chain length measured under 12-lb pull, with steel tape, found _____ ft.

Correct length _____ ft. Chain length changed to _____ ft. at _____ o'clock.

Gage reading		Time	Station	Meter No. <u>859</u>
Outside	Inside			
<u>See graph with meas.</u>				Date rated <u>7-26-27</u>
<u>No 1 made June 7 1929</u>				Meas. began <u>10:55</u> ; ended <u>12:19</u>
<u>Level notes dated 6/8/29</u>				Time of meas. (hrs.) <u>1.4</u> No. sec's <u>26</u>
<u>and original meas. notes</u>				Method <u>S</u> Coef. acct. method <u>.95</u>
<u>in the Rosenberg file.</u>				Coef. acct. angle of current <u>As Noted.</u>

Weighted mean G. Ht. _____ ft. Av. width sec. _____ Av. depth _____

G. Ht. correction _____ ft. G. Ht. change during meas. -.08

Correct mean G. Ht. _____ ft. _____ per cent diff. by _____ rating table

Meas. from cable, bridge, boat, ice, wading. Meas. at ft. above below gage.

If not at regular section note location and conditions Meas. from highway
bridge at Richmond and from by. br. 6 miles
East of Richmond (2nd channel carrying 498 sec.-ft.)

Meter suspended on rod, 1/8" cable. Meter .5 ft. above bottom of 30 lb. weight.

Stay wire _____ Approx. dist. to W. S. _____ Area from soundings (date) 6-12-29

Distances between measuring points obtained by _____ tape, tag line, station markings. Verified with steel tape and found _____

Weather favorable, unfavorable (rain, snow, extremely hot or cold) _____

Wind medium upstr., downstr., across. Observer seen _____ G. Ht. record inspected _____

Examine station locality and report on Form 9-275d any special conditions which might affect rating; condition of station equipment, etc.

Sheet No. 1 of 1 sheets.

*Copied by T.T.
Okd. by [Signature]*