9-275 c
(July 1935)

RECORDED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES BRANCH

DISCHARGE MEASUREMENT NOTES

Meas. No. No

Checked by

Date

Brazos River at Richmond, Tex.

Date June 3, 9-10, 1947 Party Gaines, Weinheimer & Fry

Width ..... Area ..... Vel. ..... G. H. ..... Disch. .....

Method ..... No. secs. ..... G. H. change ..... in ..... hrs. Susp. .....

Method coef. ..... Hor. angle coef. ..... Meter No. ..... Susp. coef. .....

GAGE READINGS

Time		Recorder	Inside	Outside
	Start			
Recorder	not	inspected		
	Finish			
Weighted M. G. H.				
G. H. correction				
Correct M. G. H.				

Date rated ..... Used rating for rod ..... susp. Meter ..... ft. above bottom of wt. Tags checked ..... Spin before meas. ..... after ..... Meas. plots ..... % diff. from ..... rating Wading, cable, ice, boat, upstr., downstr., side bridge ..... feet, mile, above, below gage, and ..... Chain, wire, found ....., changed to ..... at ..... Correct length ..... Levels obtained .....

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on following conditions: Cross section .....

Flow ..... Weather Hot

Other .....

Gage .....

..... Record removed No Intake flushed No

Observer .....

Control .....

Remarks See sheets 2 & 3

Sheet No. 1 of 3 sheets. G. H. of zero flow ..... ft.

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Date June 3, 9-10, 1947 No. of Meas.

SUPPLEMENTARY DISCHARGE MEASUREMENT NOTES

Brazos River at Richmond, Tex.

Enter on this form ample notes in regard to the following:

1. Accuracy of measurement; 2, gage; 3, observer; 4, bench marks; 5, gage-height corrections; 6, adjustments to total discharge; 7, station equipment; 8, channel, control, and point of zero flow; 9, rating, backwater; 10, diversions, regulation; 11, records; 12, cooperation.

Replaced all lumber in platform on right A-frame. Lumber in platform on left A-frame is rotten, as this platform is not used it was not replaced. Guy wire to left A-frame inspected, showed no signs of rust, but has considerable slack. This wire will be tightened. Guy wire to right A-frame has rusted in two at base and should be replaced. Several nuts on A-frames are badly rusted, some will be replaced others are to be cleaned and painted.

Removed Lee-Au cable car (to be used at Hords Creek below dam near Coleman, Tex.) and installed Columbus Type ___* cable car with reel mounted on end.

Installed geared Columbus reel, type ___ No. ___. A bracket was made to fit either the geared reel or Ellsworth reel. The geared Columbus reel is left mounted on cable car and is protected by a galvanized submergence

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* Type B ?

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cover, which is locked to cable car.
A-frame platform was strengthened with two 2½ × 2½ × ¼ angles and 150# C weight was chained and locked to platform.

W.H.G
6/27/47

No. 3 of 3 sheets

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