

Sevier

MEADOW CREEK
CHANNEL SURVEYSurvey 10/23/46
JRC 10/25/46

X.121

No.	X-Sect Slope	Dist	Vol.
	sq. ft.	mi.	ac-ft.

Main channel	50	4%	0
	25		100 x 2² = 30.2
	55		900 x 3² = 145.5
	65		380 x 1² = 46.0
	65		65 x 0² = 3.9
	70		225.6
	110		
side	110		12 110 x 1 ² 13.3 13.3

Runnel 1/15/47

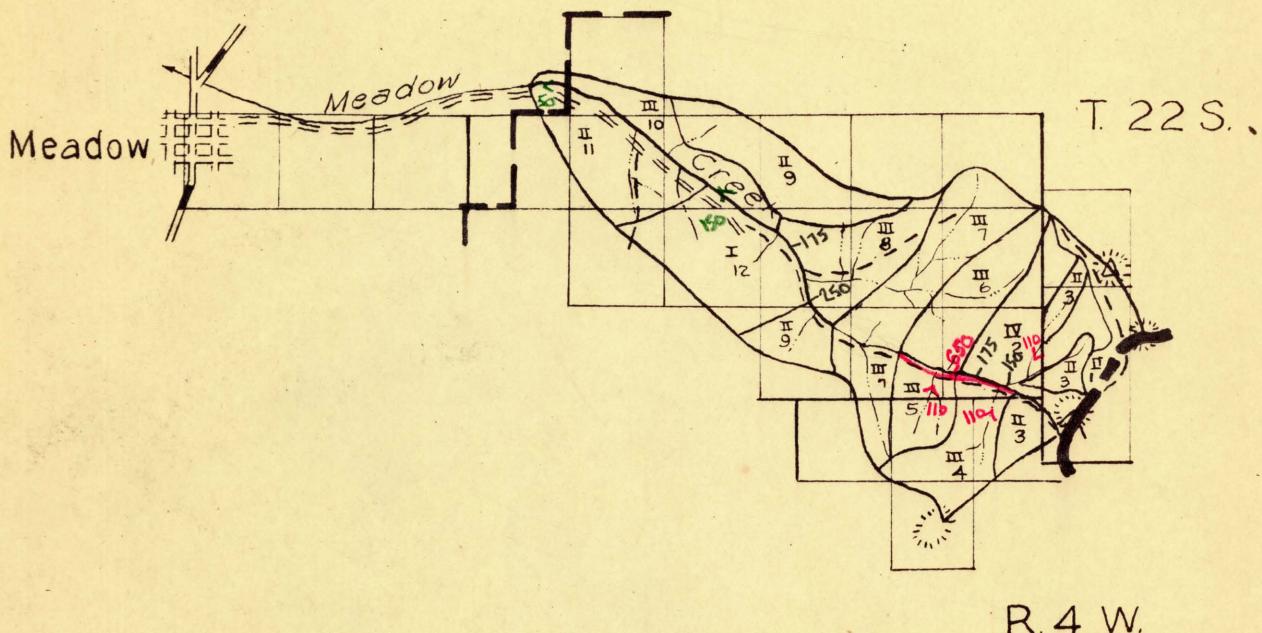
50	0	100 x 2² = 30.2
150	25	167 x 1² = 20.2
175	35	167 x 1² = 13.0
250	40	213 x 0.5 = 82.0
650	55	450 x 1² = 46.0
110	65	380 x 1² = 3.9
*20	70	65 x 0.5 = 19.5
side	110	10 110 x 1 ² 13.3 13.3
		<u>208.6</u>

Total = 239 ac-ft
 (Avg) Annual = 6 ac-ft.
 Sheet Erosion = 17 ac-ft.

Total = $\frac{209}{44} = 5.0$

*estimated

R. 5 W.



- I - Low accelerated run-off and silt contribution
- II - Moderate accelerated run-off and silt contribution
- III - High accelerated run-off and moderate silt contribution.
- IV - High accelerated run-off and silt contribution
- V - High normal (geologic) run-off and silt contribution.
- number within area refers to write-up sheet

Examiner M.K. Wood

Date Sept. 1940

FLOOD SOURCE SURVEY
Meadow Creek Watershed
Scale 1/2 inch - 1 mile

red - Floods 1941
black - Soils 1941
green - Hydr. 1946

SEVIER FLOOD SURVEY