



**EXPLANATION**

- ▲ 98.831 Elevation of water surface, December 6, 1971
- Flood boundary, March 25, 1973
- Manning Roughness Coefficient
- Low-water channel 0.040-0.060
- Open land, pasture 0.080-0.100
- Dense woods 0.100-0.150

EXAMPLE: If water depth is less than 0.6 meter,  $n=0.150$ . If water depth is greater than 1.0 meter,  $n=0.100$  (assume linear variation of  $n$  for water depths between 0.6 and 1.0 meter)



**BACKWATER AT BRIDGES AND DENSELY WOODED FLOOD PLAINS,  
WEST FORK AMITE RIVER NEAR LIBERTY, MISSISSIPPI**  
By  
B. E. Colson, C. O. Ming, and George J. Arcement  
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