



Base from U.S. Geological Survey  
Thomastown 1:62,500, 1967

**EXPLANATION**

- ▲ 107.430 Elevation of water surface, January 2, 1970
- Flood boundary, March 15, 1975
- Manning Roughness Coefficient
- Low water channel  $n=0.40-0.080$
- Open land, pasture  $n=0.080-0.120$
- Dense woods  $n=0.120-0.160$

EXAMPLE: If water depth is less than 0.6 meter,  $n=0.160$ . If water depth is greater than 1.0 meter,  $n=0.120$  (Assume linear variation of  $n$  for water depths between 0.6 and 1.0 meter.)



CONTOUR INTERVAL ABOUT 6 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929



**BACKWATER AT BRIDGES AND DENSELY WOODED FLOOD PLAINS, YOCKANOOKANY RIVER NEAR THOMASTOWN, MISSISSIPPI**

By  
B. E. Colson, C. O. Ming, and George J. Arcement  
1979