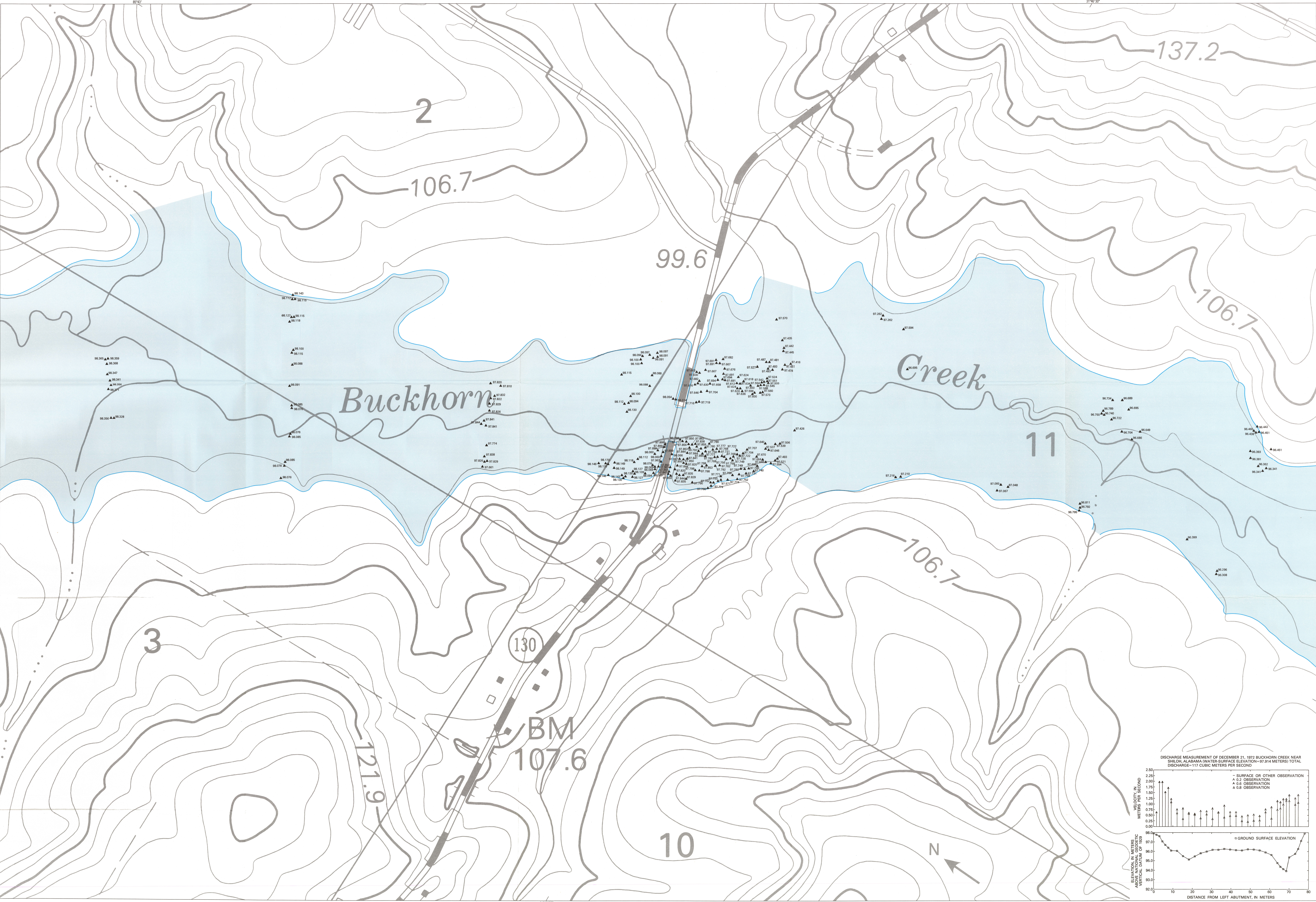
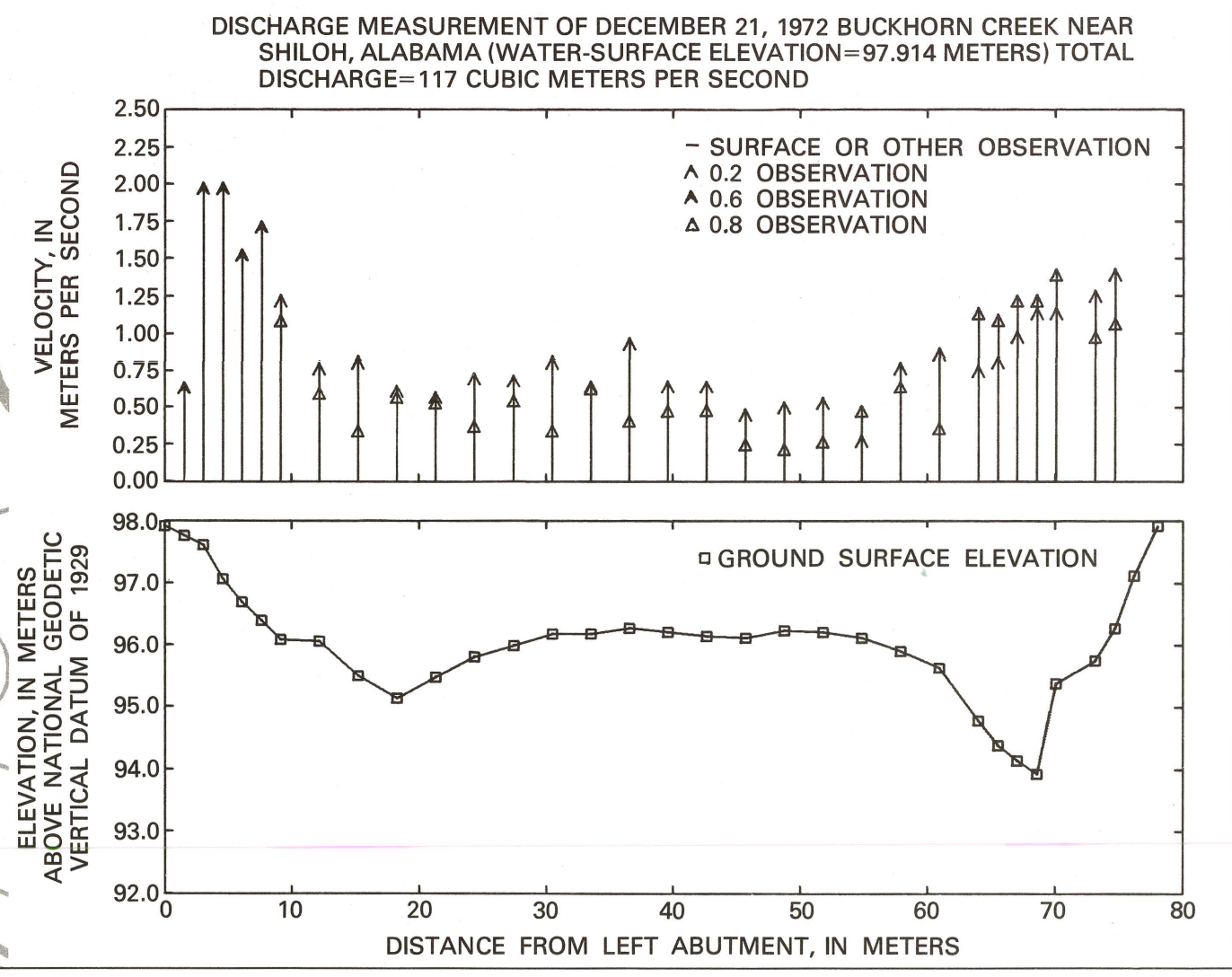
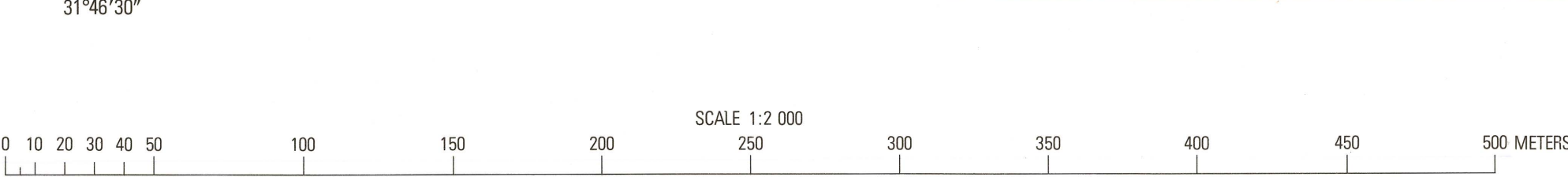
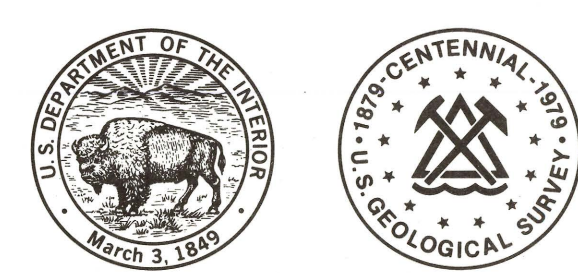




From U.S. Geological Survey
June 1, 1950, 1960



- EXPLANATION
- ▲ Elevation of water surface
 - Flood boundary December 21, 1972
 - Manning Roughness Coefficient
 - Dense woods, swamps 0.10-0.15



BACKWATER AT BRIDGES AND DENSELY WOODED FLOOD PLAINS, BUCKHORN CREEK NEAR SHILOH, ALABAMA
By
C. O. Ming, B. E. Colson, and George J. Arcement
1979

EXAMPLE: If water depth is less than 0.6 meter, $n=0.15$. If water depth is greater than 1.0 meter, $n=0.10$ (assume linear variation of n for water depths between 0.6 and 1.0 meter).