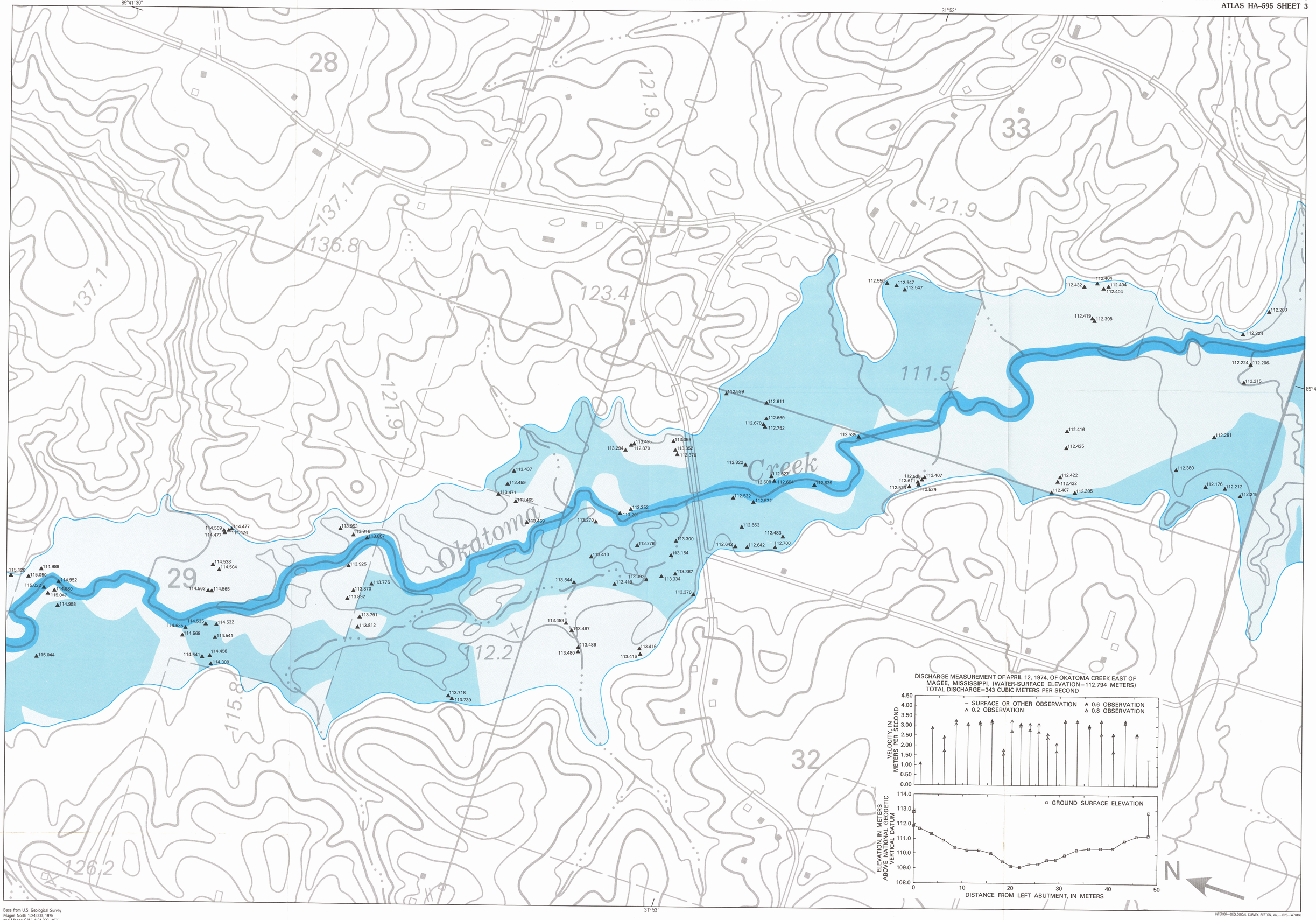
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Prepared in cooperation with the
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
AND THE MISSISSIPPI STATE HIGHWAY DEPARTMENT

HYDROLOGIC INVESTIGATIONS
ATLAS HA–595 SHEET 3



Base from U.S. Geological Survey
Magee North 1:24,000, 1975
and Magee S.W. 1:24,000, 1975

SCALE 1:4 000
0 50 100 200 300 400 500 600 700 800 900 1000 METERS

CONTOUR INTERVAL ABOUT 3 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

EXPLANATION

▲113.486 Elevation of water surface

Flood boundary, April 12, 1974

Manning Roughness Coefficient

Low water channel	0.040–0.080
Pasture	0.080–0.110
Wooded	0.110–0.180

EXAMPLE: If water depth is less than 0.6 meters, n=0.180 If water depth is greater than 1.0 meter n=0.110 (Assume linear variation of n for water depths between 0.6 and 1.0 meter)

BACKWATER AT BRIDGES AND DENSELY WOODED FLOOD PLAINS, OKATOMA CREEK EAST OF MAGEE, MISSISSIPPI

By
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1978

INTERIOR—GEOLOGICAL SURVEY, RESTON, VA.—1978—W78482