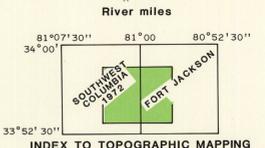


EXPLANATION

- Woods
- Approximate flood plain boundary
- 500-year flood
- Model Boundary

Computed water-surface contour line, contour interval 0.2 foot, National Geodetic Vertical Datum of 1929

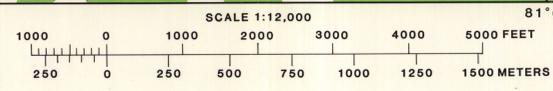
Computed vertically averaged velocity. A vector 0.2 inch long represents a velocity of 10.0 feet per second; all velocities less than 2.5 feet per second are represented by an arrowhead without a shaft



Study area
SOUTH CAROLINA

Base from U.S. Geological Survey 1:24,000 quadrangles, 10,000 foot grid based on South Carolina coordinate system, north zone.

2 1/2
ALSON
ALLENBY
TRUE NORTH
APPROXIMATE MEAN DECLINATION, 1972



COMPUTED VELOCITY FIELD AND WATER-SURFACE ELEVATIONS, CONGAREE RIVER NEAR COLUMBIA, S.C. MANNING DIKE, AND HIGHWAY EMBANKMENTS IN PLACE, 500-YEAR FLOOD