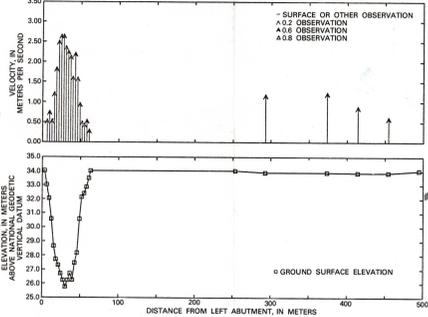


DISCHARGE MEASUREMENT DECEMBER 7, 1971, COMITE RIVER NEAR OLIVE BRANCH, LA.
WATER SURFACE ELEVATION—34.554 METERS; FLOW THRU BRIDGE—447 CUBIC METERS PER SECOND; FLOW RIGHT OF BRIDGE—265 CUBIC METERS PER SECOND; TOTAL DISCHARGE—474 CUBIC METERS PER SECOND.



EXPLANATION

▲ 34.500	Elevation of water surface
—	Flood boundary, December 7, 1971
—	Manning Roughness Coefficient
■	Low water channel 0.040-0.060
■	Pasture 0.060-0.100
■	Light woods 0.100-0.150
■	Dense woods 0.150-0.250

SCALE 1:2,000

0 10 20 30 40 50 100 150 200 250 300 350 400 450 500 METERS

BACKWATER AT BRIDGES AND DENSELY WOODED FLOOD PLAINS, COMITE RIVER NEAR OLIVE BRANCH, LOUISIANA

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

1978