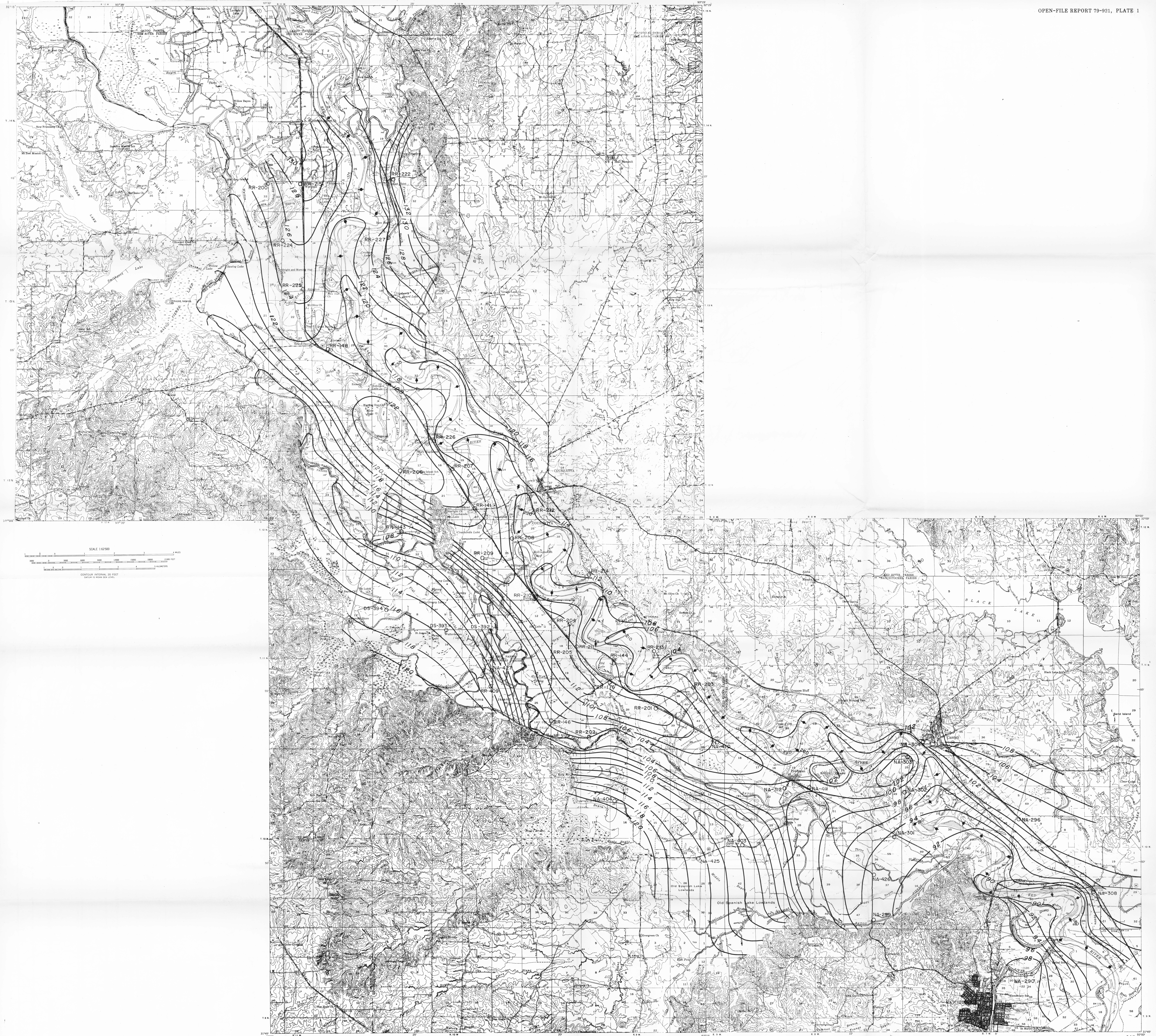




SCALE 1:62,500
CONTOUR INTERVAL 20 FEET
DRAINAGE BASIN 1000 ACRES

Base from U.S. Geological Survey
Campbell, 1957; Cushman, 1957;
Hume, 1957; and Mansfield, 1957

EXPLANATION

- Potentiometric contour
Shows elevation of potentiometric surface
Contour interval is 2 feet (0.6 meter)
Datum is mean sea level
- Observation well
Used as control point
- River mile station
Mileage, as indicated, upstream from
mouth of Old River
- Boundary of modeled area
Tie marks for construction of grid
used in model
Number designates row or column in model

(200)
R290
NO. 79-921

RED RIVER VALLEY

LOUISIANA

PLATE 1
AVERAGE
PRECONSTRUCTION
POTENTIOMETRIC SURFACE
JANUARY 1971-DECEMBER 1974
LOCK AND DAM 4

PREPARED BY THE U.S. GEOLOGICAL SURVEY
IN COOPERATION WITH THE
SOIL CONSERVATION SERVICE AND U.S. ARMY CORPS OF ENGINEERS