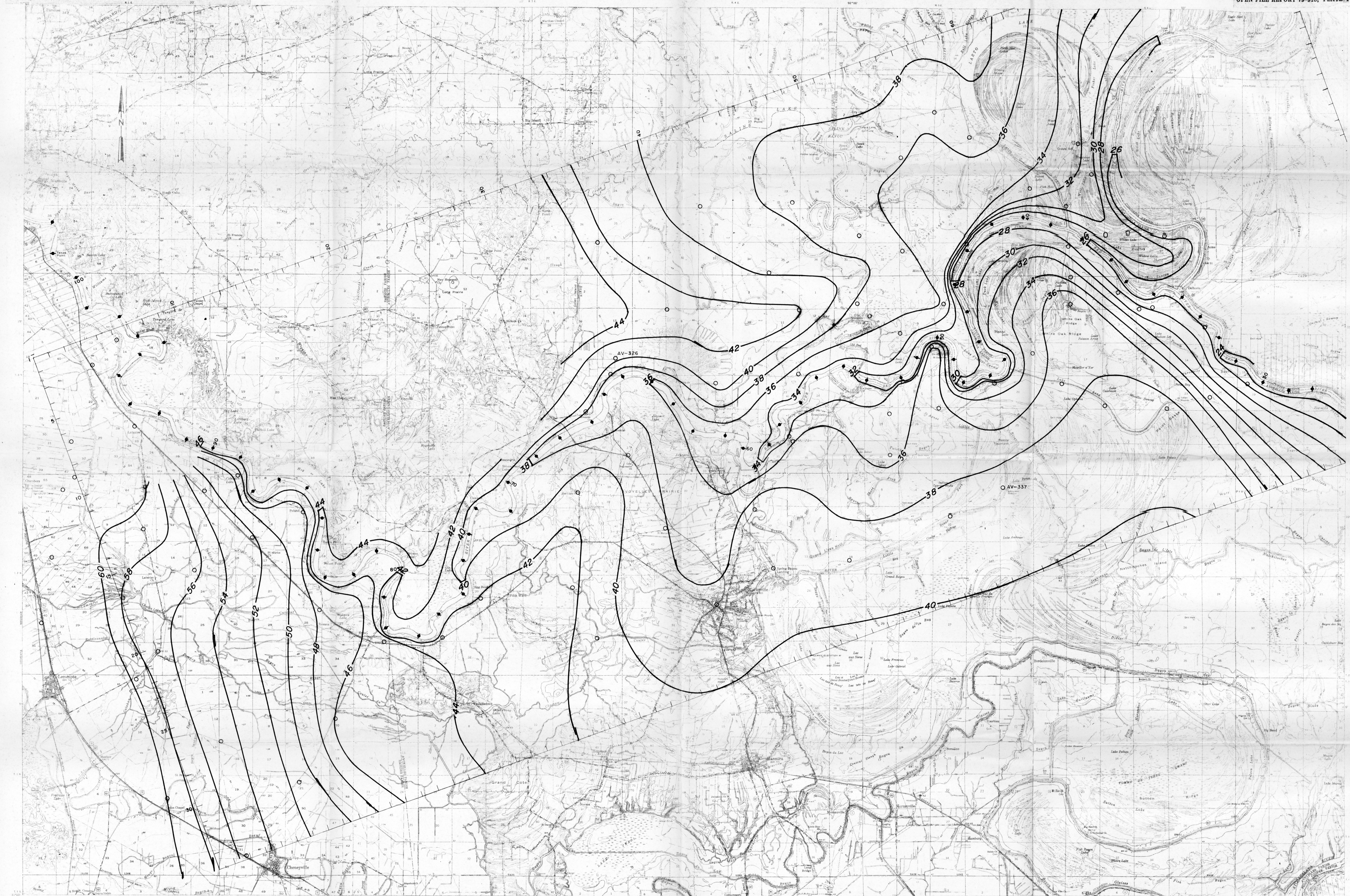




Base from U.S. Geological Survey
Alvord, 1957; Buckley, 1958; Eva, 1960;
Lecompte, 1957; Marksville, 1962; Moreauville, 1962

EXPLANATION

- 60 Potentiometric contour
Contour interval is 2 feet (0.6 meter)
Datum is mean sea level
- Observation well
Used as control point
Wells AV-326 and AV-337 used as examples
in Figures 2-8
- River mile station
Mileage, as indicated, upstream from
mouth of Old River
- Boundary of modeled area
Tic marks for construction of grid
used in model
Number designates row or column in model

RED RIVER VALLEY

LOUISIANA

PLATE 1
AVERAGE
PRECONSTRUCTION
POTENTIOMETRIC SURFACE
1969 - 73
LOCK AND DAM I

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