



Base from U.S. Geological Survey
Boice, 1956; Colvins, 1955; Campbell, 1957; Chasin, 1954;
Colfax, 1956; Montgomery, 1957; Provencal, 1957

EXPLANATION

— 72 —
Potentiometric contour
Shows elevation of potentiometric surface
Contour interval is 2 feet (0.6 meter)
Datum is mean sea level

●
River mile station
Mileage, as indicated, upstream from
mouth of Old River

○
Observation well
Used as control point

— — —
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
JANUARY 1971-DECEMBER 1974
LOCK AND DAM 3

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