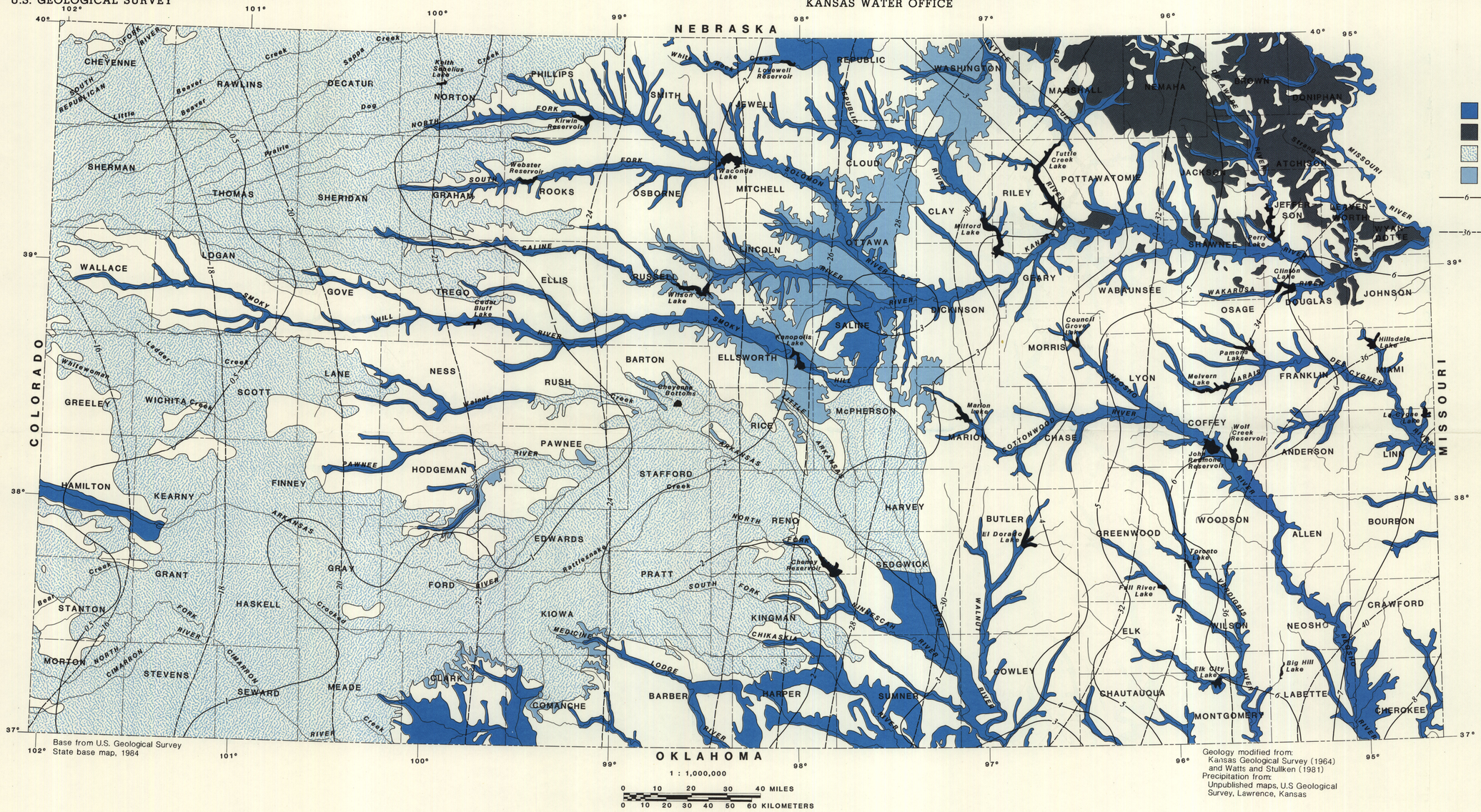
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
KANSAS WATER OFFICE

WATER-RESOURCES INVESTIGATIONS REPORT 87-4230
PLATE 4



EXPLANATION

AREAS OF RECHARGE--Areas where aquifers are exposed at land surface and have saturated thickness

- ALLUVIAL AQUIFERS
- GLACIAL-DRIFT AQUIFERS
- HIGH PLAINS AQUIFER
- GREAT PLAINS AQUIFER SYSTEM

—6— LINE OF EQUAL MEAN ANNUAL POTENTIAL NATURAL RECHARGE, 1951-80--Interval 1 and 0.5 inch

—36— LINE OF EQUAL MEAN ANNUAL PRECIPITATION, 1951-80--Interval 2 inches

Base from U.S. Geological Survey
State base map, 1984

1 : 1,000,000

0 10 20 30 40 MILES
0 10 20 30 40 50 60 KILOMETERS

Geology modified from:
Kansas Geological Survey (1964) and Watts and Stullken (1981)
Precipitation from:
Unpublished maps, U.S Geological Survey, Lawrence, Kansas

MAP SHOWING AREAS OF RECHARGE TO PRINCIPAL AQUIFERS, MEAN ANNUAL POTENTIAL NATURAL RECHARGE, AND MEAN ANNUAL PRECIPITATION IN KANSAS

By
Cristi V. Hansen

1987