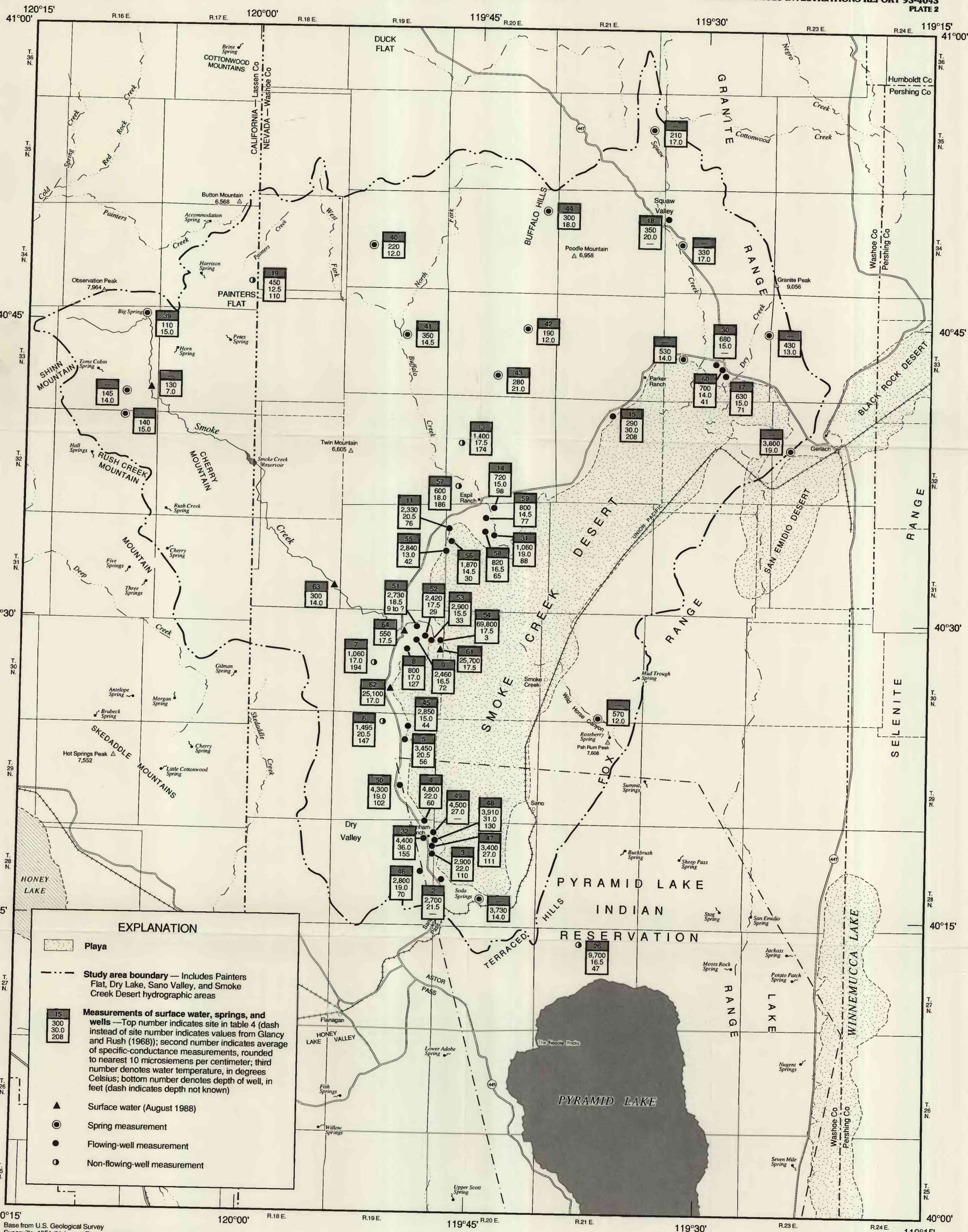
U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

Prepared in cooperation with the
REGIONAL WATER PLANNING AND ADVISORY BOARD—
RENO-SPARKS AND WASHOE COUNTY and the
CALIFORNIA DEPARTMENT OF WATER RESOURCES

WATER-RESOURCES INVESTIGATIONS REPORT 93-4043
PLATE 2




## EXPLANATION

- Playa
- **Study area boundary** — Includes Painters Flat, Dry Lake, Sano Valley, and Smoke Creek Desert hydrographic areas
- 15 / 300 / 30.0 / 208 — **Measurements of surface water, springs, and wells** —Top number indicates site in table 4 (dash instead of site number indicates values from Glancy and Rush (1968)); second number indicates average of specific-conductance measurements, rounded to nearest 10 microsiemens per centimeter; third number denotes water temperature, in degrees Celsius; bottom number denotes depth of well, in feet (dash indicates depth not known)
- ▲ Surface water (August 1988)
- ◉ Spring measurement
- ● Flowing-well measurement
- ◑ Non-flowing-well measurement

Base from U.S. Geological Survey
Susanville, 1951 (Universal Transverse Mercator projection, zone 10), and Lovelock, 1970 (Universal Transverse Mercator projection, zone 11), 1:250,000 quadrangles

**SCALE 1:250 000**

MILES 5 0 5 10 15
KILOMETERS 5 0 5 10 15 20

DATUM IS SEA LEVEL

Maurer, D.K., 1993, Hydrogeologic setting and hydrologic data of the Smoke Creek Desert basin, Washoe County, Nevada, and Lassen County, California, water years 1988-90: U.S. Geological Survey Water-Resources Investigations Report 93-4043

# SPECIFIC CONDUCTANCE AND TEMPERATURE OF WATER FROM WELLS, SPRINGS, AND SURFACE-WATER SITES IN SMOKE CREEK DESERT BASIN, WASHOE COUNTY, NEVADA, AND LASSEN COUNTY, CALIFORNIA, WATER YEARS 1988-90

By
Douglas K. Maurer
1993