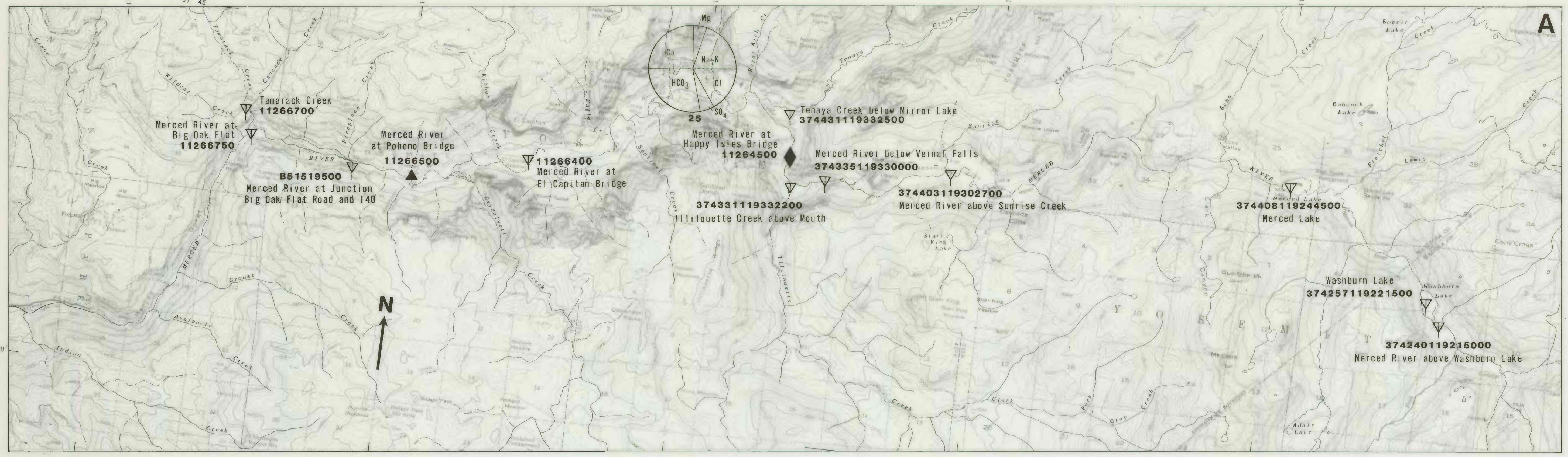
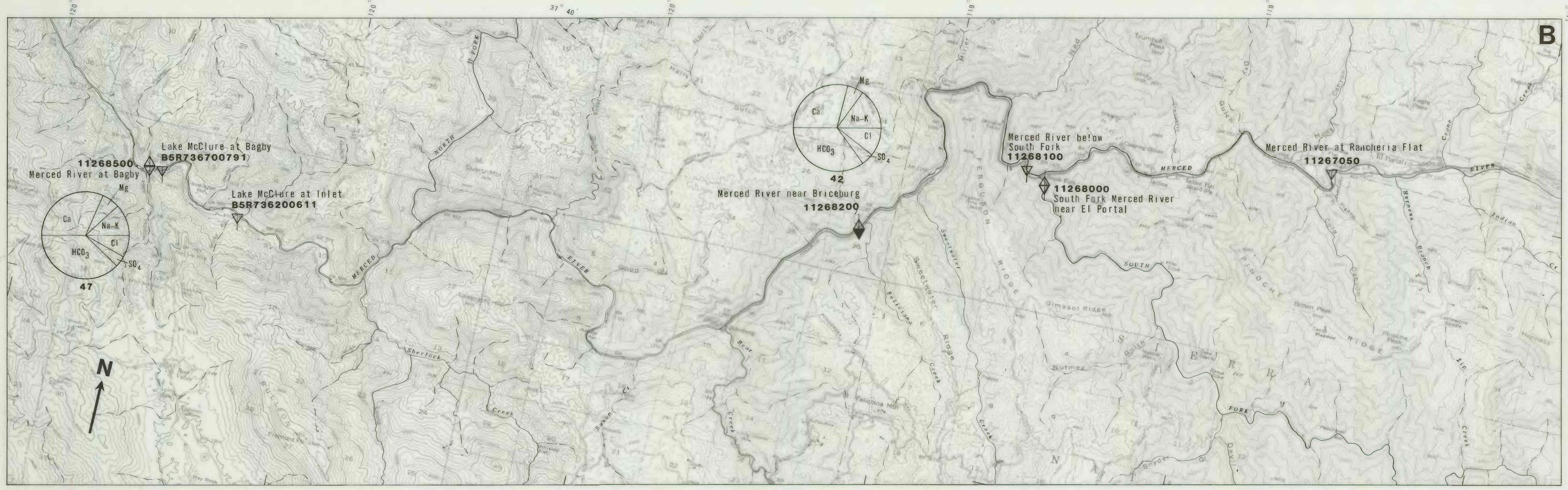
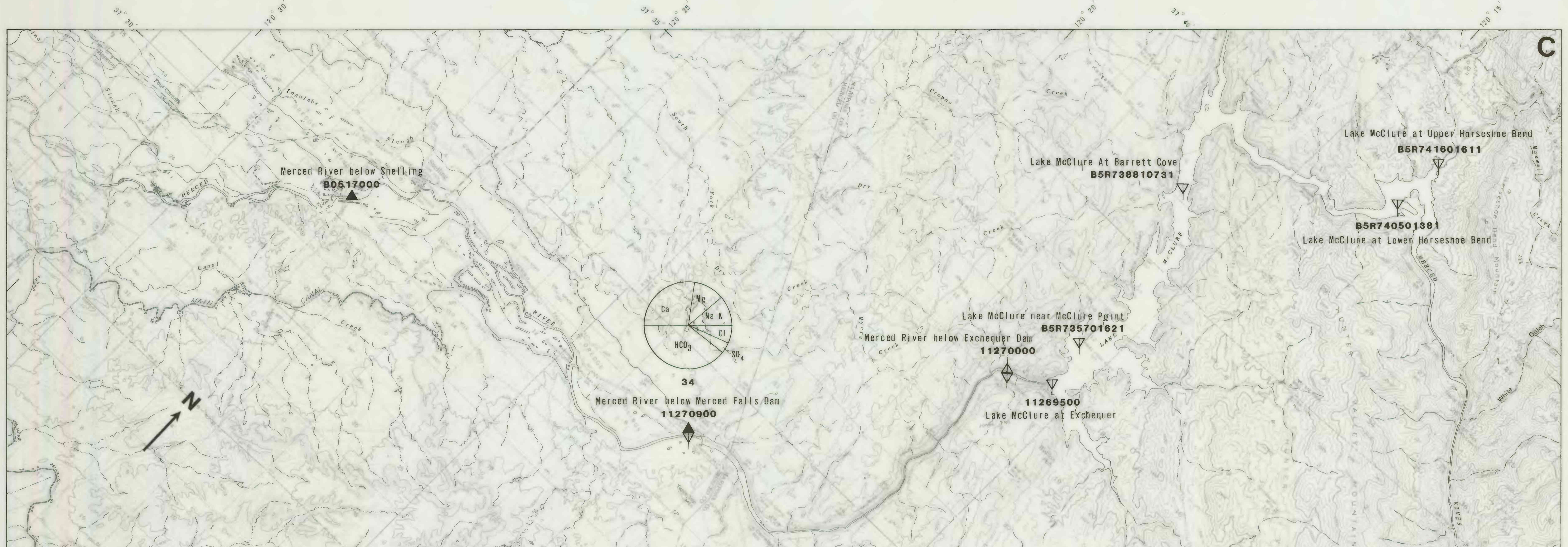
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with the
CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

OPEN-FILE REPORT 82-450
PLATE 1

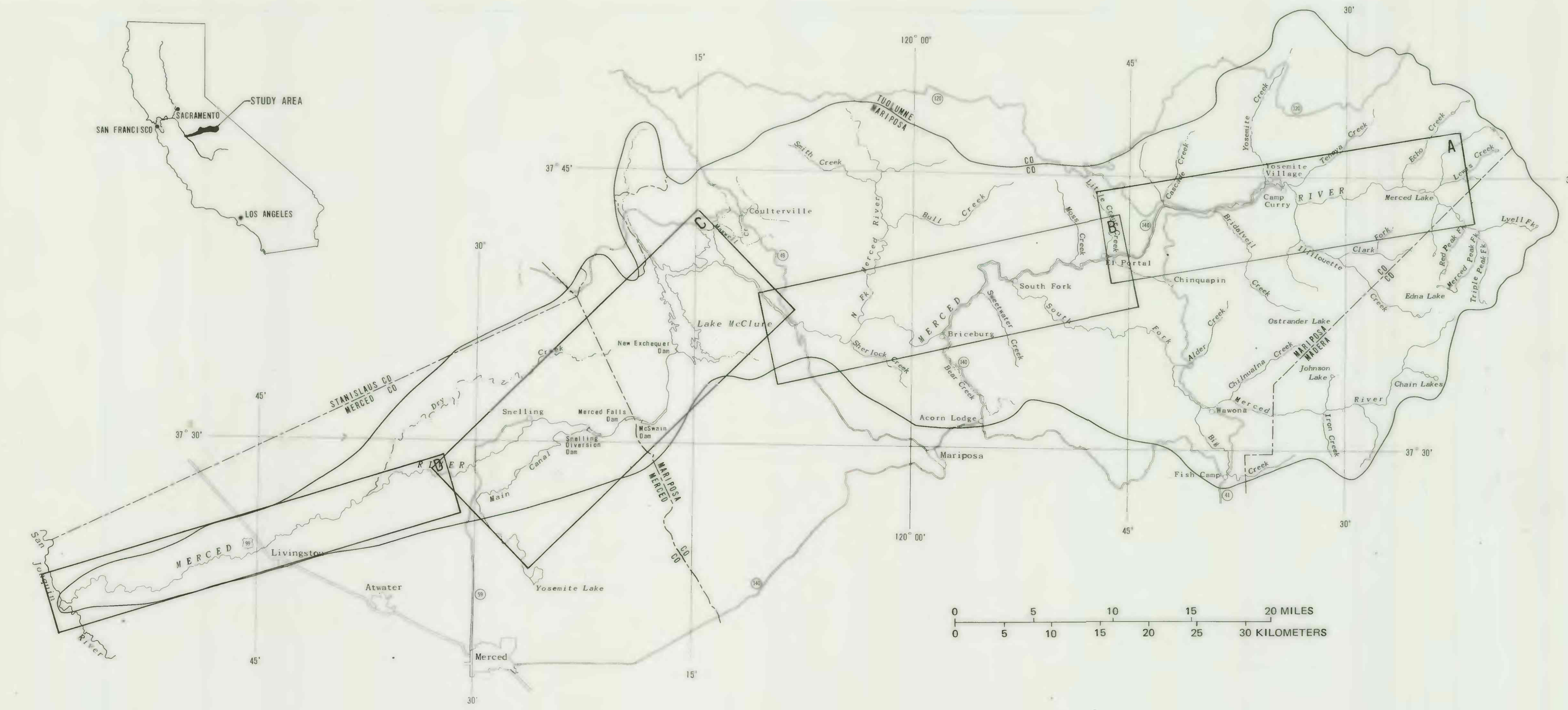


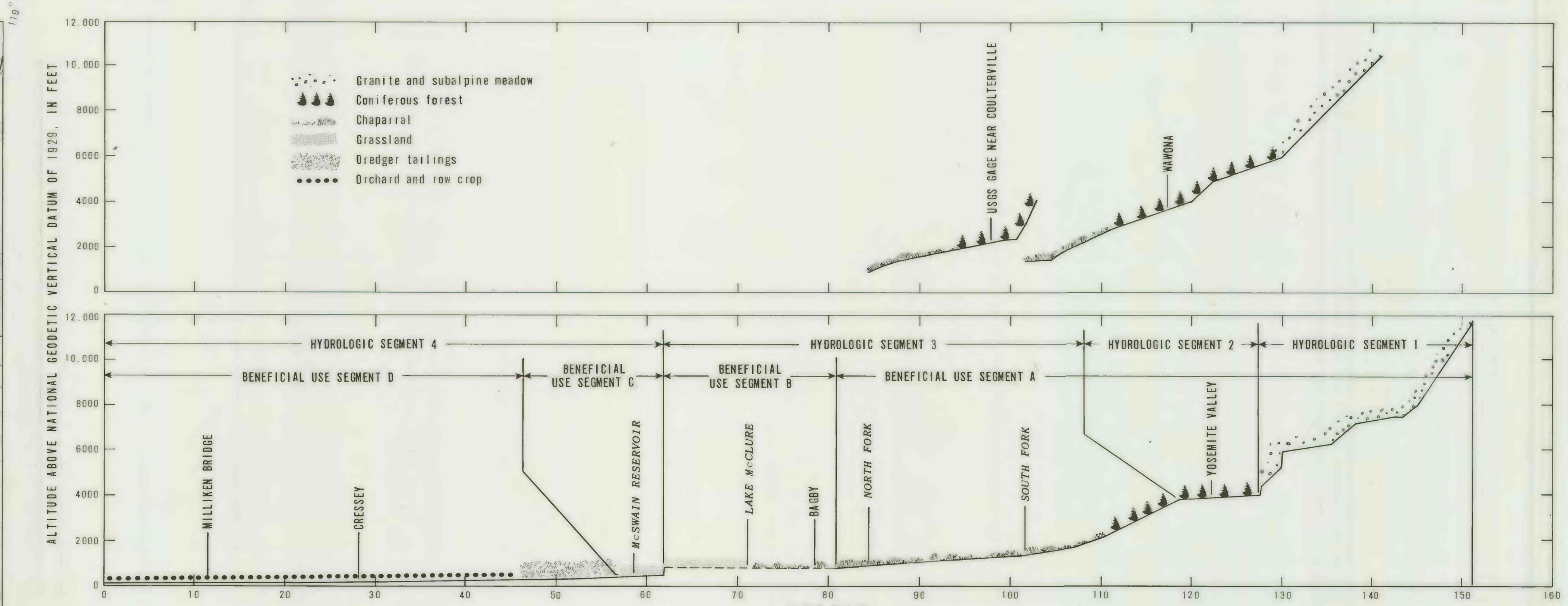




Base from U.S. Geological Survey Atwater 1961, Coulterville, El Portal 1947, Hetch Hetchy Reservoir 1956, Merced, Merced Falls 1962, Merced Peak 1953, Tuolumne Meadows 1956, Turlock 1962, Yosemite 1956

SCALE: 0–4 MILES; 0–6 KILOMETERS
CONTOUR INTERVAL, IN FEET, IS VARIABLE
NATIONAL GEODETIC VERTICAL DATUM OF 1929





EXPLANATION

The maps A, B, C, and D, show the main stem of the Merced River from above Washburn Lake to the mouth at the San Joaquin River. These maps are outlined on the drainage basin map above.

The pie diagrams at five stations show the percentages of major cations and anions that are characteristic of each station. The number below each diagram indicates a calculated mean dissolved solids, in milligrams per liter, for that station.

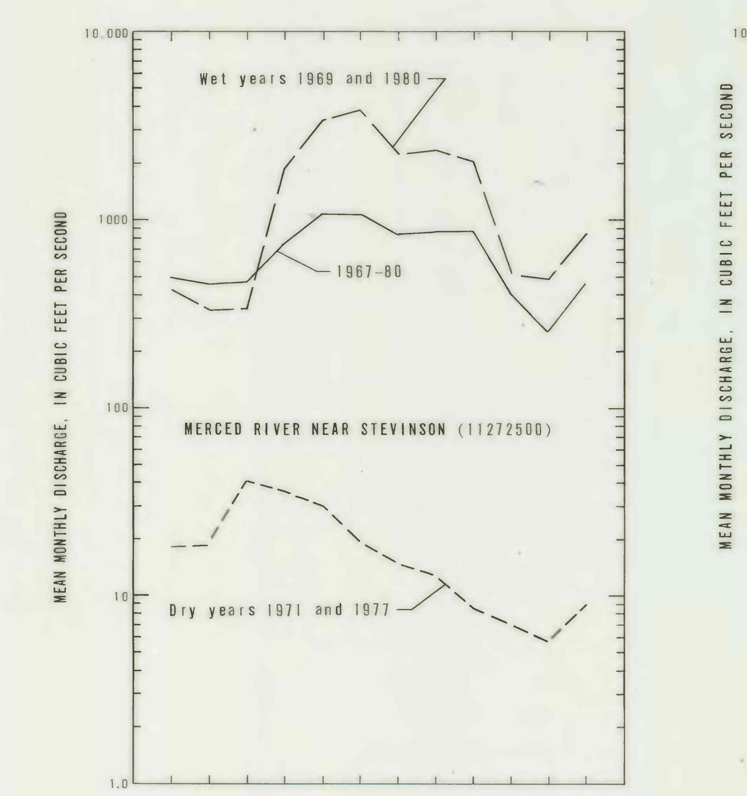
Cations		Anions	
Ca	Calcium	HCO_3	Bicarbonate
Mg	Magnesium	SO_4	Sulfate
Na + K	Sodium plus Potassium	Cl	Chloride

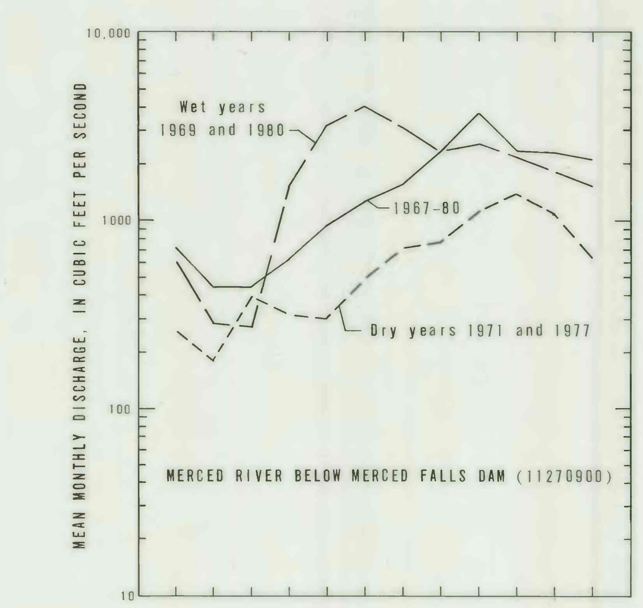
▲ ACTIVE STREAMFLOW GAGING STATION (WITH CONTINUOUS RECORDER)

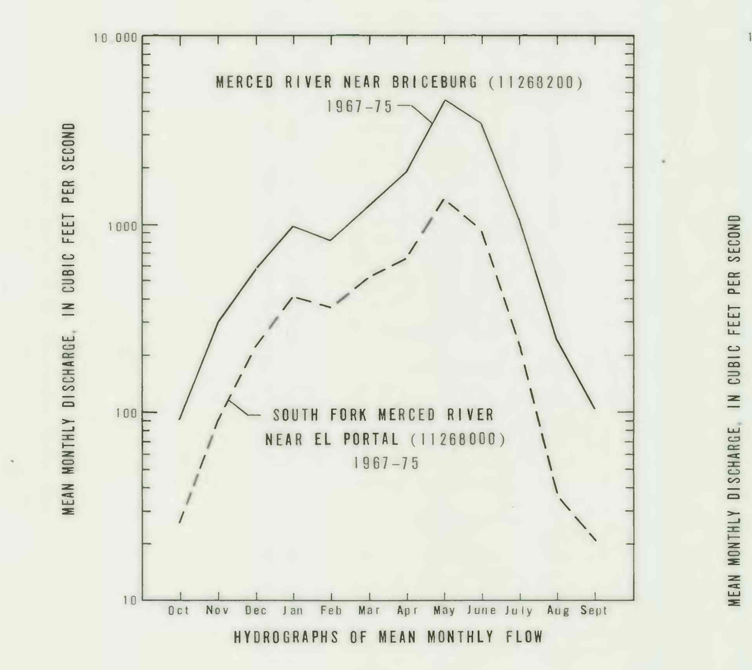
DISCONTINUED STREAMFLOW GAGING STATION

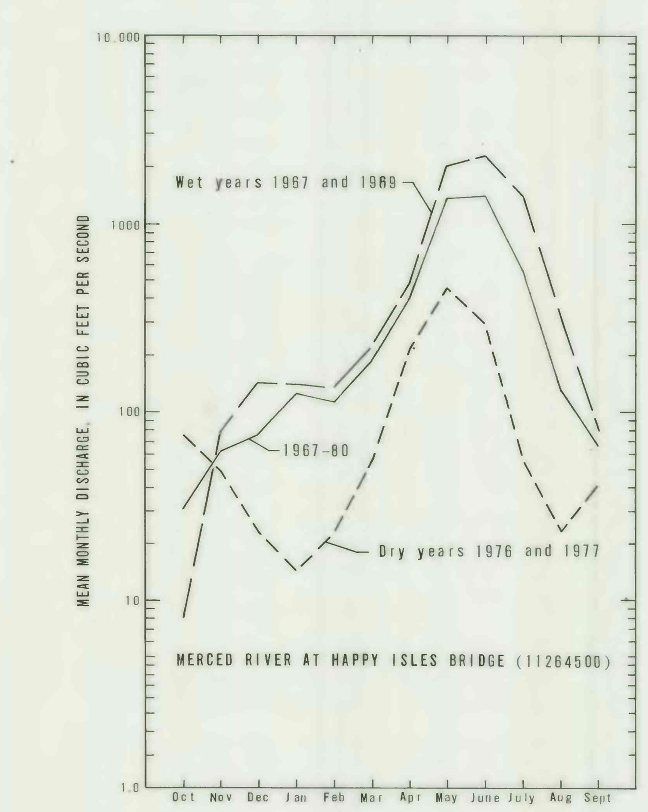
▼ ACTIVE WATER-QUALITY STATION

DISCONTINUED WATER-QUALITY STATION









MAPS, CHANNEL PROFILES AND LAND-COVER CLASSIFICATION, AND HYDROGRAPHS, MERCED RIVER, CALIFORNIA