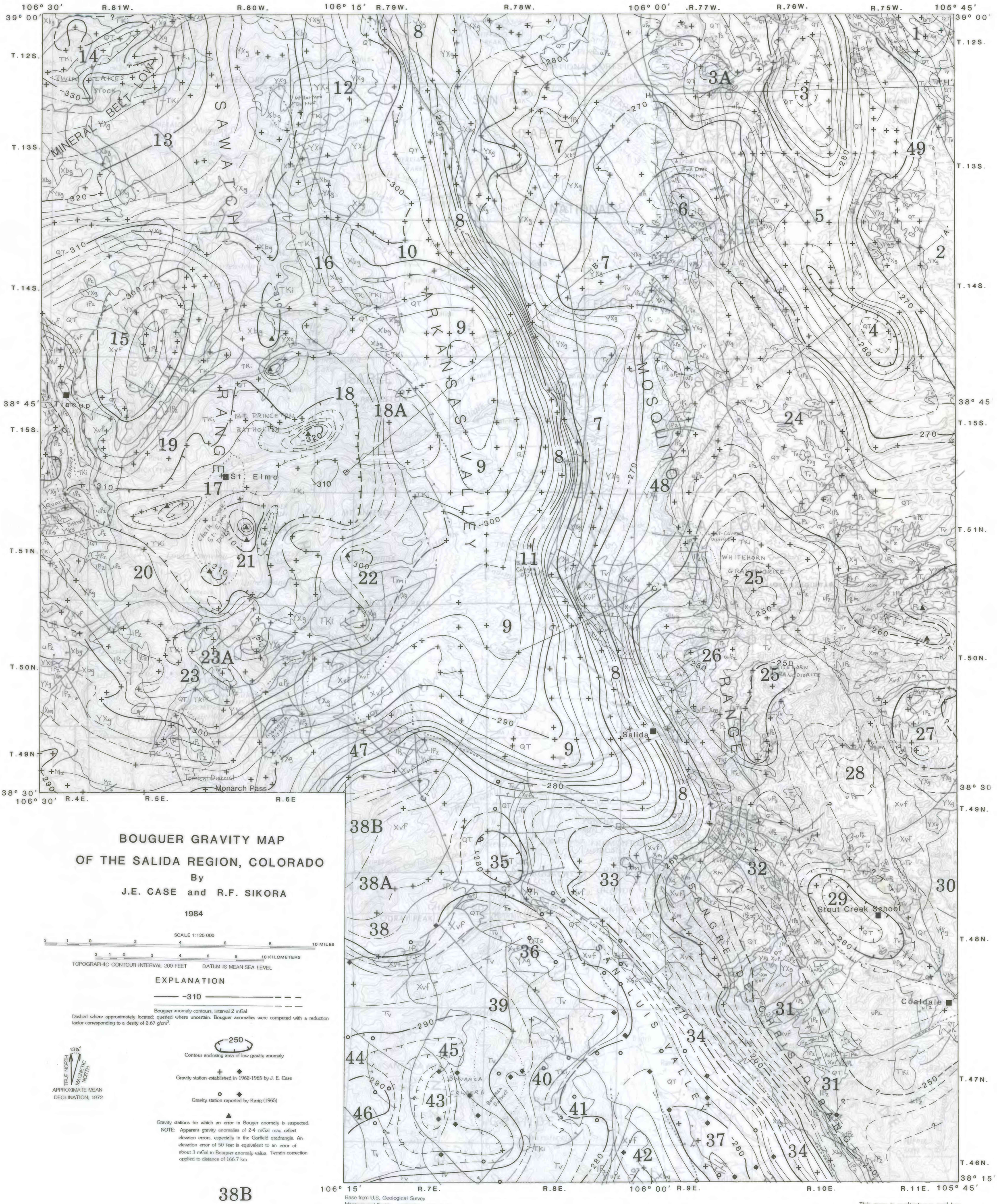

BOUGUER GRAVITY MAP OF THE SALIDA REGION, COLORADO

By

J.E. CASE and R.F. SIKORA

1984

SCALE 1:125 000

2 1 0 2 4 6 8 10 MILES

2 1 0 2 4 6 8 10 KILOMETERS

TOPOGRAPHIC CONTOUR INTERVAL 200 FEET DATUM IS MEAN SEA LEVEL

EXPLANATION

—— -310 ——

Bouguer anomaly contours, interval 2 mGal

Dashed where approximately located; queried where uncertain. Bouguer anomalies were computed with a reduction factor corresponding to a desity of 2.67 g/cm³.

-250

Contour enclosing area of low gravity anomaly

Gravity station established in 1962-1965 by J. E. Case

Gravity station reported by Karig (1965)

Gravity stations for which an error in Bouger anomaly is suspected.

NOTE: Apparent gravity anomalies of 2-4 mGal may reflect elevaion errors, especially in the Garfield qradrangle. An elevation error of 50 feet is equivalent to an error of about 3 mGal in Bouguer anomaly value. Terrain correction applied to distance of 166.7 km

38B

Gravity anomaly discussed in text

Base from U.S. Geological Survey
Montrose and Pueblo, 1:250,000, 1956-1962

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.