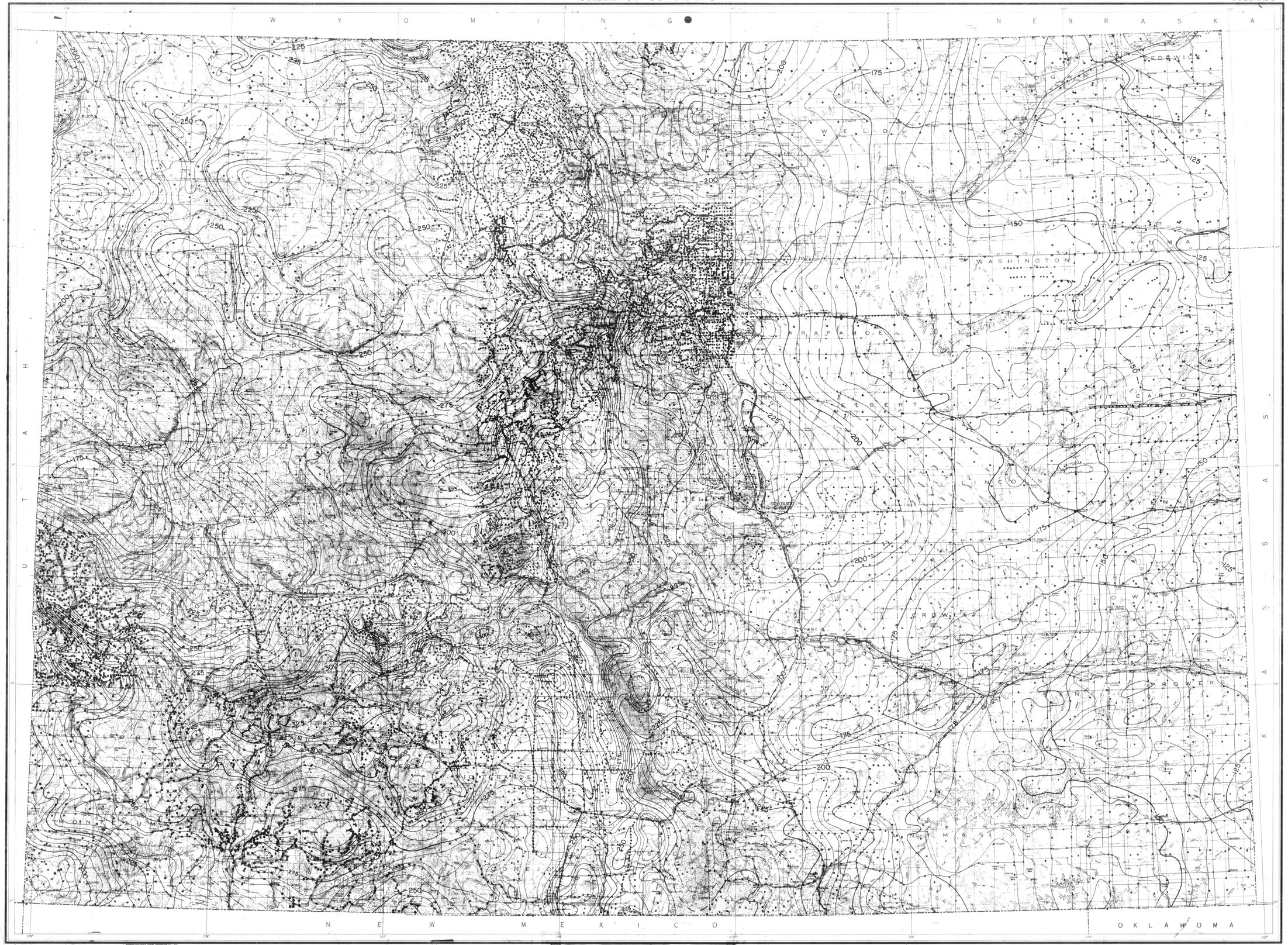
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH
THE COLORADO MINING INDUSTRIAL DEVELOPMENT
BOARD AND THE COLORADO GEOLOGICAL SURVEY

STATE OF COLORADO

OPEN FILE-1972
COLORADO

C.G.S. MI-36



EXPLANATION

Gravity contours

Dashed where approximately located. Contour interval 5 milligals. Hachured contours indicate areas of low gravity closure. Stations terrain corrected to 166.5 km.

A density of 2.67 grams per cubic centimeter was assumed in reducing the data to the complete Bouguer anomaly. Terrain corrections were computed on a digital computer to a radius of 166.7 kilometers.

Gravity station

Data tied to North American Gravity Base Network (Behrendt and Woollard, 1961)

Note: An aeromagnetic map of Colorado is available at scale 1:500,000 (Zietz and Kirby, 1972)

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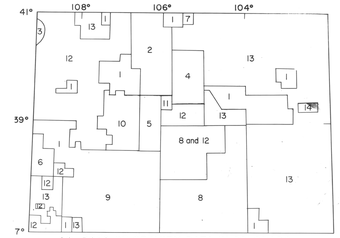

SOURCES OF GRAVITY DATA IN COLORADO

SOURCES OF GRAVITY DATA

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U. S. GEOLOGICAL SURVEY
Released to open files
DATE ____

This map is preliminary and has not been edited or reviewed for conformity to Geological Survey standards.

Compiled, edited, and published by the Geological Survey
1927 North American datum
Datum is mean sea level

SOURCE DATA
U. S. Dept. of the Interior Geological Survey topographic maps
U. S. Dept. of the Army Corps of Engineers topographic maps

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BOUGUER GRAVITY MAP OF COLORADO

Compiled by

John C. Behrendt and LaCretia Y. Bajwa

Scale 1:500,000

1 inch equals approximately 8 miles

0 10 20 30 40 50 60 70 80 90 100 Miles
0 10 20 30 40 50 60 70 80 90 100 Kilometers

1972

LEGEND

- State capital
- County seat
- City, town, or village
- Scheduled service airport
- Built-up areas are shown for towns over 10,000 population
- County boundary
- National park
- National wildlife refuge
- Interstate highway
- U. S. highway
- State highway
- Other principal roads
- National forest
- Indian reservation

POPULATION KEY

DENVER	more than 100,000
BOULDER	50,000 to 100,000
Grand Junction	10,000 to 50,000
Del Norte	1,000 to 10,000
Central City	0 to 1,000

Populations indicated by size of letters
COMPILED IN 1968
EDITION OF 1969
HIGHWAYS CORRECTED TO 1969

COLORADO

BASE MAP
WITH HIGHWAYS
AND CONTOURS