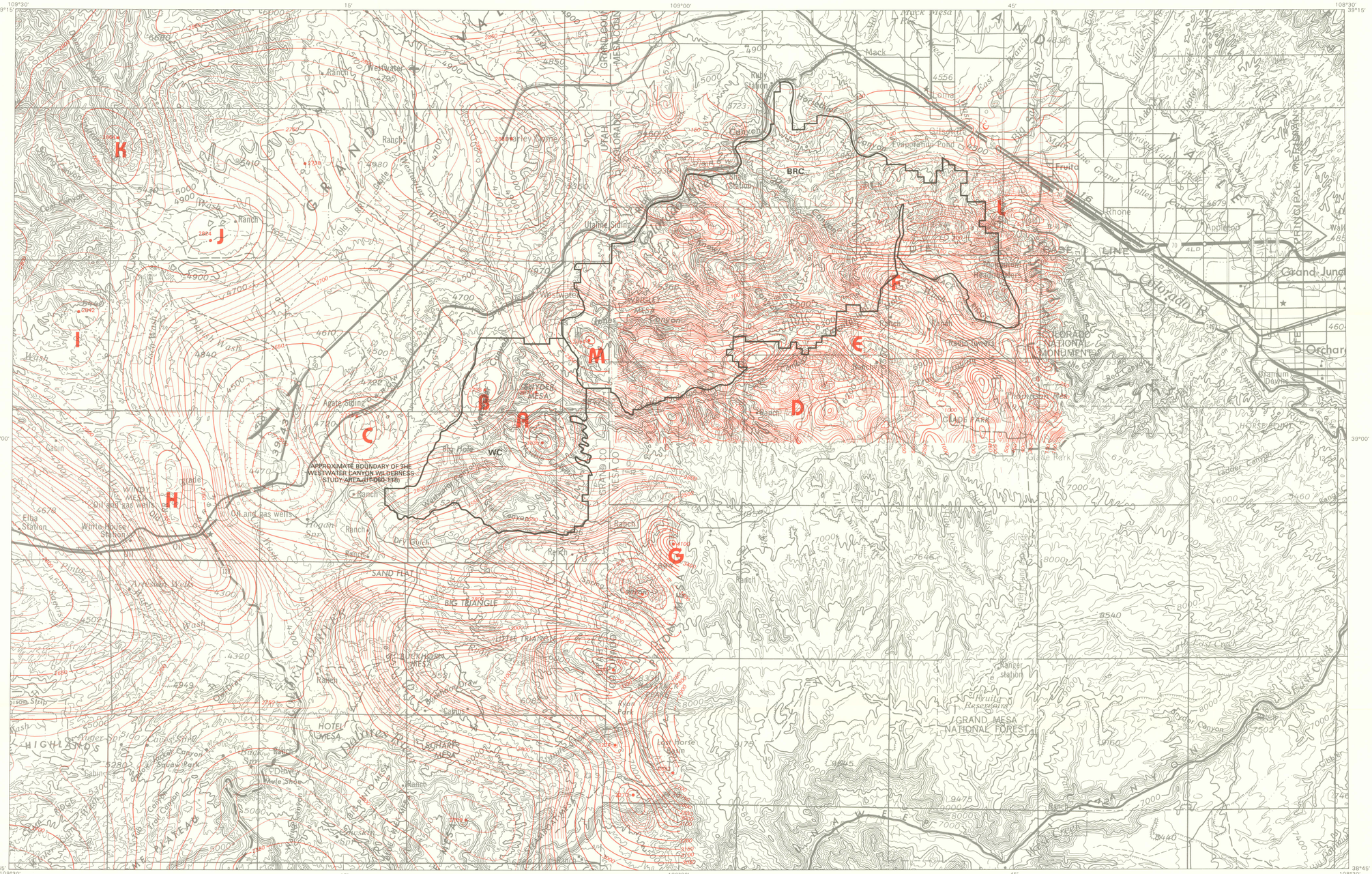

Base from U.S. Geological Survey, 1:250,000, Grand Junction, Moab, 1956 (revised 1969)
Transverse Mercator projection

SCALE 1:125 000

2 1 0 2 4 6 8 10 MILES

2 1 0 2 4 6 8 10 KILOMETERS

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

AREA OF MAP

Data compiled by R.L. Morin, 1987–88

EXPLANATION

2888 **Magnetic contours**—Showing total intensity magnetic field of the Earth in gammas relative to arbitrary datum (west part) and residual anomalies (east part). Hachures indicate closed area of lower magnetic intensity. Dot shows maximum or minimum intensity within closure. Contour interval 10, 50, and 100 gammas

—2700— **West part**—Flight elevation, about 8,500 ft above sea level. No regional field removed. Modified from Case and Joesting (1972)

—300— **East part**—Flight elevation, about 500 ft above ground surface. Simplified from U.S. Geological Survey (1987). International Geomagnetic Reference Field (IGRF) removed

Flight path—Showing approximate location and spacing of data

Approximate boundary between east and west surveys

C C' **Line of profile**

H **Anomalous area discussed in text**

Approximate outline of Wilderness Study Area—BRC, Black Ridge Canyons; WC, Westwater Canyon

MAGNETIC ANOMALY MAP

MAPS SHOWING INTERPRETATION OF GEOPHYSICAL ANOMALIES OF THE NORTHWESTERN UNCOMPAHGRE UPLIFT AND VICINITY, GRAND COUNTY, UTAH, AND MESA COUNTY, COLORADO

By
James E. Case, Robert L. Morin, and Robert P. Dickerson

1992