

EXPLANATION

- Magnetic contours with flight traverses; dashed contours indicate incomplete or doubtful data
- Magnetic contour enclosing area of lower magnetic intensity
- Measured maximum or minimum intensity within closed high and closed low

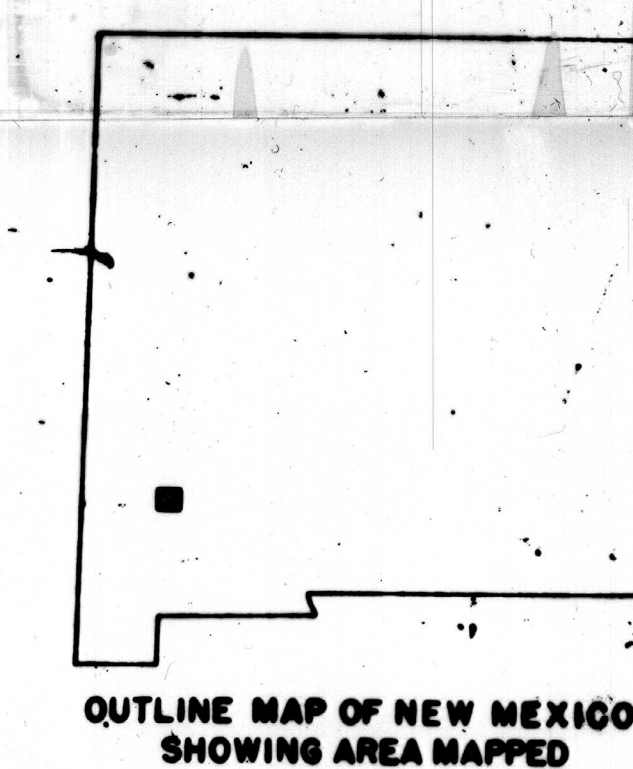
From approximately 1000 feet above surface
7000 to 8000 feet above sea level

EXPLANATORY TEXT

This map shows preliminary magnetic contours as derived from a total-intensity aeromagnetic survey. The measurements were made by a continuously recording AN/ASQ-34 airborne magnetometer installed in an AT-11 airplane. Aerial photographs were used for pilot guidance, and the flight path of the aircraft was recorded by a gyro-stabilized continuous strip camera. The distance from plane to ground was measured with a continuously recording radio altimeter.

This map is being released for examination in advance of publication. Copies are not available for distribution.

The map has been released without editorial and technical review for conformity to Geological Survey standards. When published in final form, it may differ in some details.



Base from Fort Bayard, Santa Rita, and
Hurley U.S.G.S. Topographic Sheets
before field checking

AEROMAGNETIC MAP OF PART OF GRANT COUNTY, NEW MEXICO
SHOWING VARIATION IN TOTAL INTENSITY

SCALE 1:24000
Contour interval 100 gammas

Magnetic datum assumed 1500 gammas
at latitude 32°52', longitude 106°08'

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U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

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