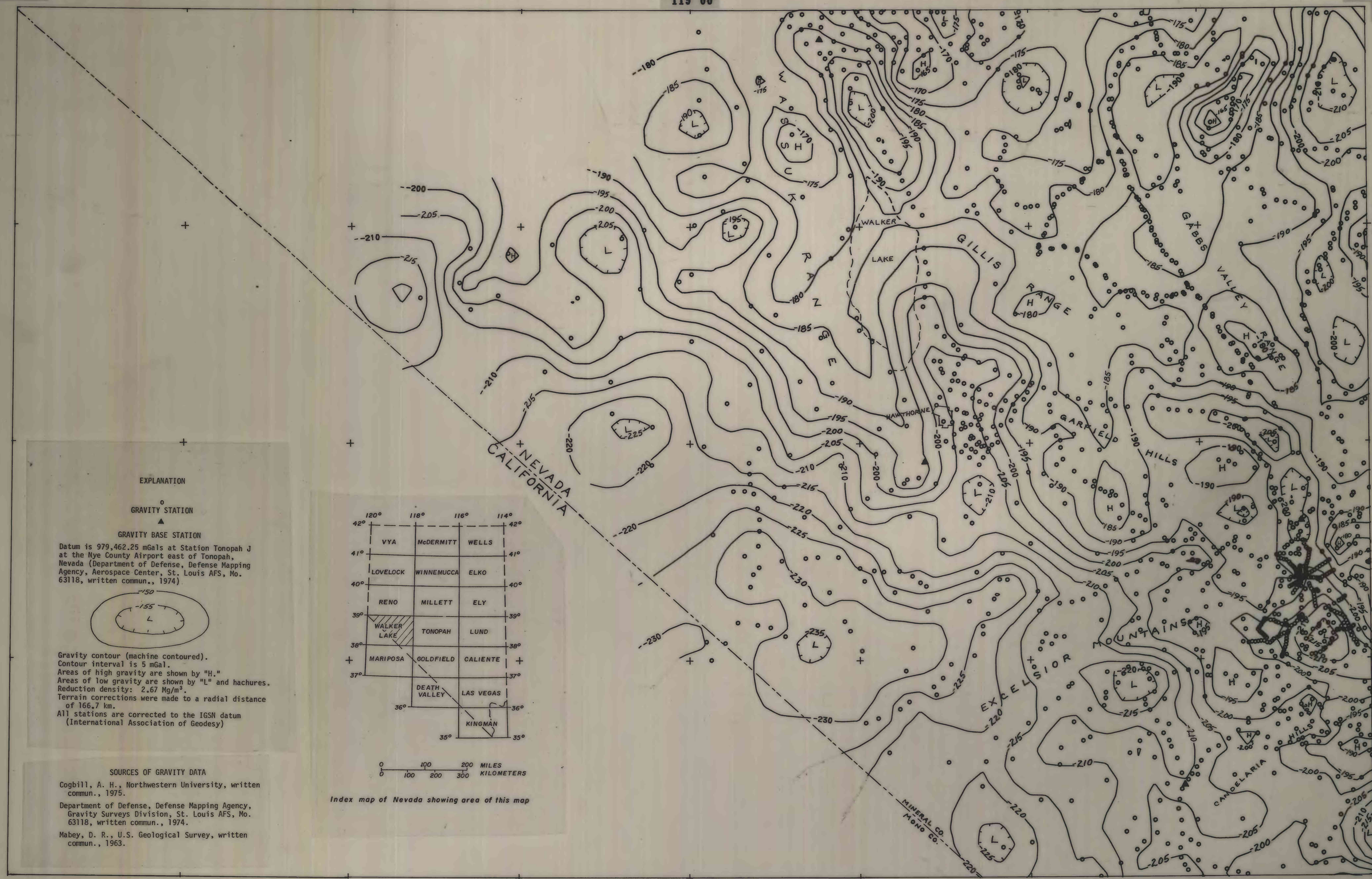
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT
80-519



EXPLANATION

GRAVITY STATION

GRAVITY BASE STATION

Datum is 979,462.25 mGals at Station Tonopah J at the Nye County Airport east of Tonopah, Nevada (Department of Defense, Defense Mapping Agency, Aerospace Center, St. Louis AFS, Mo. 63118, written commun., 1974)

Gravity contour (machine contoured).
Contour interval is 5 mGal.
Areas of high gravity are shown by "H."
Areas of low gravity are shown by "L" and hachures.
Reduction density: 2.67 Mg/m³.
Terrain corrections were made to a radial distance of 166.7 km.
All stations are corrected to the IGSN datum (International Association of Geodesy)

SOURCES OF GRAVITY DATA

Cogbill, A. H., Northwestern University, written commun., 1975.

Department of Defense, Defense Mapping Agency, Gravity Surveys Division, St. Louis AFS, Mo. 63118, written commun., 1974.

Mabey, D. R., U.S. Geological Survey, written commun., 1963.

Index map of Nevada showing area of this map

SCALE 1:250 000

5 0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

COMPLETE BOUGUER GRAVITY MAP OF THE NEVADA PART OF THE WALKER LAKE 2° SHEET

Compiled by

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1980