

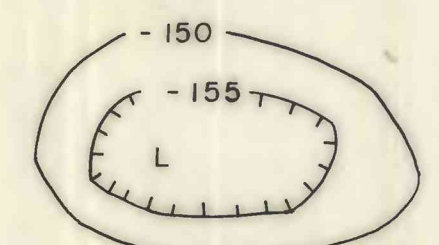


EXPLANATION

○ 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)



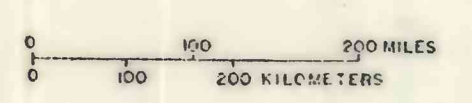
Gravity contour (machine contoured with hand corrections).  
Contour interval is 5 mGal.  
Areas of high gravity are shown by "H."  
Areas of low gravity are shown by "L" and hachures.  
Reduction density: 2.67 Mg/m<sup>3</sup>.  
Terrain corrections were made to a radial distance of 166.7 km.  
All stations are corrected to the IGSN datum (International Association of Geodesy, 1971, p. 60).

SOURCES OF GRAVITY DATA

(For complete citations see "References Cited" in accompanying text)

- 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.
- Erwin, J. W., 1968.
- Healey, D. L., 1975.
- Healey, D. L., 1976.
- Healey, D. L., and Currey, F. E., 1977.
- Mabey, D. R., U.S. Geological Survey, written commun., 1963.

120°	118°	116°	114°	
42°	VYA	McDERMITT	WELLS	42°
41°	LOVELOCK	WINNEMUCCA	ELKO	41°
40°	RENO	MILLETT	ELY	40°
39°	WALKER LAKE	TONOPAH	LUND	39°
38°	MARIPOSA	GOLDFIELD	CALIENTE	38°
37°		DEATH VALLEY	LAS VEGAS	37°
36°			KINGMAN	36°
35°				35°



Index map of Nevada showing area of this map

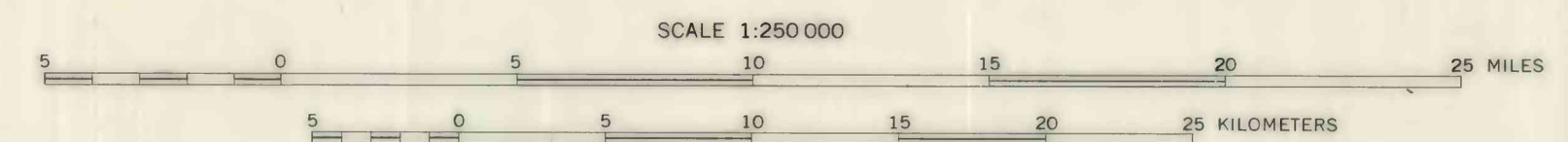


Figure 1.-- Complete Bouguer Gravity Map of the Tonopah 1°x2° quadrangle, Nevada