

EXPLANATION



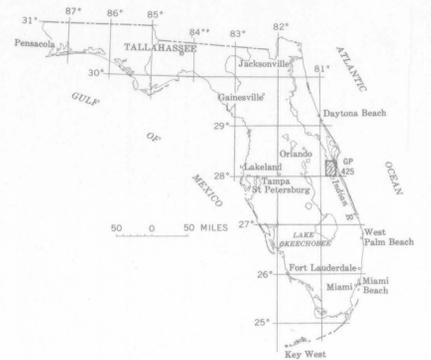
Magnetic contours showing total intensity magnetic field of the earth in gammas relative to arbitrary datum
Hachured to indicate closed areas of lower magnetic intensity; dashed where data are incomplete

Measured maximum or minimum intensity within closed high or closed low

Flight path
Showing location and spacing of data

NOTE

Aeromagnetic data are obtained and compiled along a continuous line, whereas ground magnetic surveys are made at separate points. Errors within the normal limits of any magnetic measurement may cause slight discrepancies between flight lines in an aeromagnetic map, which would be more obvious than similar discrepancies between points in a ground magnetic map. For this reason as much care should be exercised in evaluating magnetic features that appear as elongations along a single aeromagnetic traverse as in interpreting an anomaly indicated by a single ground station.



INDEX MAP OF FLORIDA SHOWING AREA OF THIS REPORT

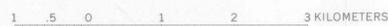
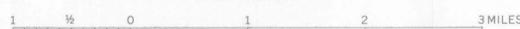
LAKE POINSETT 1953 (USGS)	COCOA 1949 (USC&GS)	COCOA BEACH 1949 (USC&GS)
DEER PARK NE 1953 (USGS)	EAU GALLIE 1949 (USC&GS)	TROPIC 1949 (USC&GS)
DEER PARK SE 1953 (USGS)	MELBOURNE WEST 1949 (USC&GS)	MELBOURNE EAST 1949 (USC&GS)

INDEX MAP SHOWING BASE MAPS USED

**AEROMAGNETIC MAP OF MELBOURNE AND VICINITY
BREVARD COUNTY, FLORIDA**

By
William J. Dempsey and Francis P. Gilbert

SCALE 1:62 500



CONTOUR INTERVAL 10 GAMMAS

1963

Base map by Topographic Division, U.S. Geological Survey and U.S. Coast and Geodetic Survey

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—63180

Aeromagnetic survey flown at 1500 feet barometric elevation, 1954

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1963