

FOR BILLER QUADRANGLE (SOUTH OF 45°)  
A REGIONAL TREND OF 6.09 GAMMAS/MILE  
NORTH AND 3.78 GAMMAS/MILE EAST EX-  
ISTED AND WAS REMOVED USING THE 1965  
IGRF UPDATED TO 1972  
DATUM ..... 56,990 GAMMAS

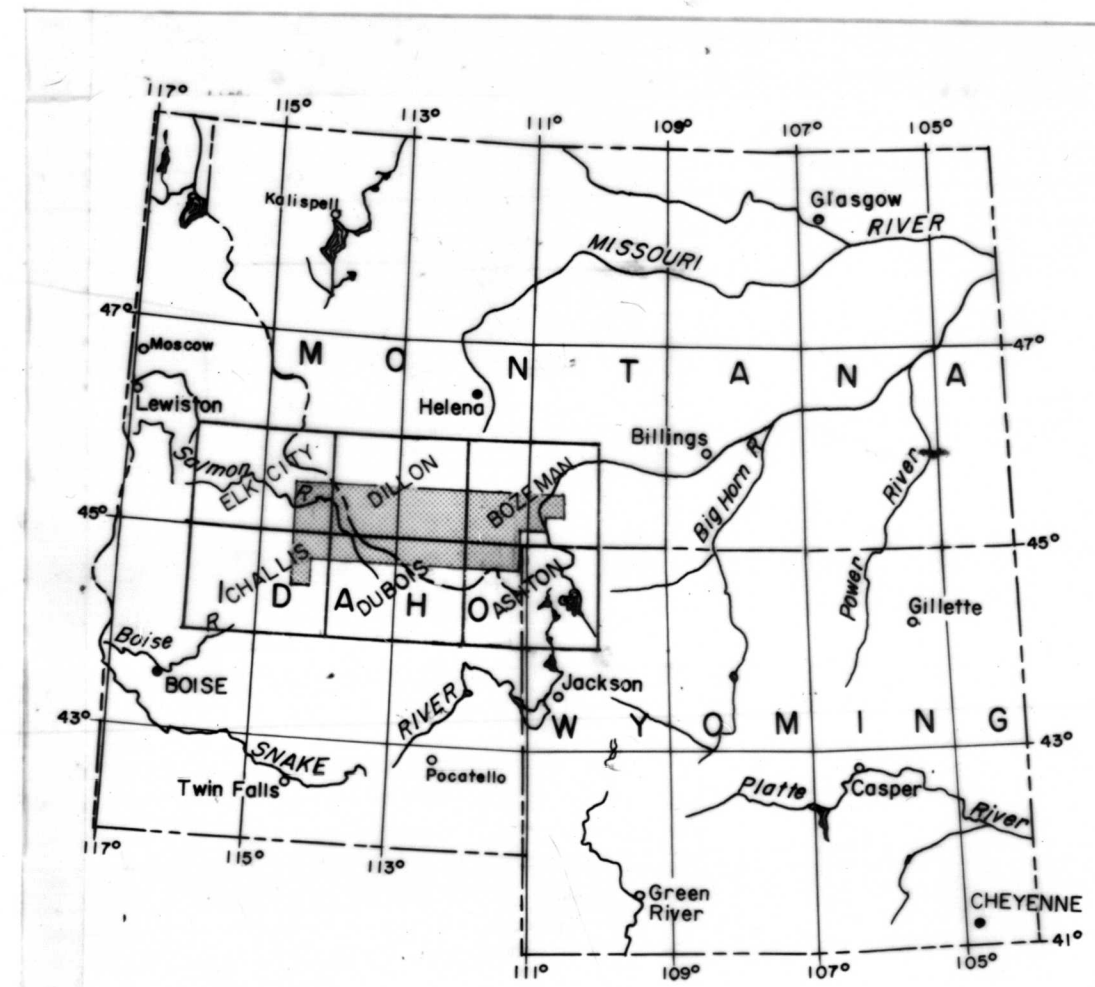
FOR BUTTE QUADRANGLE (SOUTH OF 45°)  
A REGIONAL TREND OF 6.32 GAMMAS/MILE  
NORTH AND 3.80 GAMMAS/MILE EAST EX-  
ISTED AND WAS REMOVED USING THE 1965  
IGRF UPDATED TO 1972  
DATUM ..... 56,770 GAMMAS

FOR BUTTE QUADRANGLE (SOUTH OF 45°)  
A REGIONAL TREND OF 5.97 GAMMAS/MILE  
NORTH AND 3.56 GAMMAS/MILE EAST EX-  
ISTED AND WAS REMOVED USING THE 1965  
IGRF UPDATED TO 1972  
DATUM ..... 57,360 GAMMAS

FOR BUTTE QUADRANGLE (SOUTH OF 45°)  
A REGIONAL TREND OF 6.20 GAMMAS/MILE  
NORTH AND 3.59 GAMMAS/MILE EAST EX-  
ISTED AND WAS REMOVED USING THE 1965  
IGRF UPDATED TO 1972  
DATUM ..... 57,140 GAMMAS

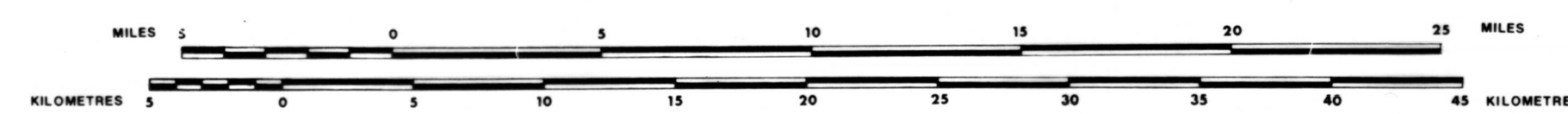
FOR BUTTE QUADRANGLE (SOUTH OF 45°)  
A REGIONAL TREND OF 6.17 GAMMAS/MILE  
NORTH AND 3.92 GAMMAS/MILE EAST EX-  
ISTED AND WAS REMOVED USING THE 1965  
IGRF UPDATED TO 1972  
DATUM ..... 56,890 GAMMAS

FOR BUTTE QUADRANGLE (SOUTH OF 45°)  
A REGIONAL TREND OF 6.39 GAMMAS/MILE  
NORTH AND 3.94 GAMMAS/MILE EAST EX-  
ISTED AND WAS REMOVED USING THE 1965  
IGRF UPDATED TO 1972  
DATUM ..... 56,670 GAMMAS



# AEROMAGNETIC MAP OF SOUTHWESTERN MONTANA AND EAST-CENTRAL IDAHO By U.S. GEOLOGICAL SURVEY 1975

SCALE 1:250,000



CONTOUR INTERVAL ..... 10 GAMMAS  
FLIGHT LINE SPACING ..... 2 MILES  
FLIGHT ALTITUDE ..... 12,000 FEET ASL  
FLOWN AND COMPILED ..... 1972

## EXPLANATION

Magnetic contours showing total intensity magnetic field of the earth in gammas relative to listed datum  
Hachures to indicate closed areas of lower magnetic intensity. L, magnetic low; H, magnetic high  
FLIGHT PATH SHOWING LOCATION  
AND SPACING OF DATA

This map is preliminary  
and has not been edited  
or reviewed for conformity  
to Geological Survey standards.

INDEX MAP OF MONTANA AND IDAHO  
SHOWING LOCATION OF THIS SURVEY

Aeromagnetic survey for this map  
flown by Aerial Surveys, Inc. Compilation  
by Geometrics.