



Seattle 30' by 60' Quadrangle  
Aeromagnetic Survey

Source: U. S. Geological Survey, 1978\*

— 100 gamma contour interval  
- - - 20 gamma contour interval

Contours show total magnetic intensity relative to listed datum. Hachures indicate area of lower magnetic intensity

\* 1978 survey merges data from U. S. Geological Survey, 1974 and U. S. Geological Survey, 1977 maps. On this sheet, the area east of indicated datum change is covered by U. S. Geological Survey, 1977; area west of datum change is covered by U. S. Geological Survey, 1974

Parameters for area east of datum change:

Flight directions	north-south
Flight line spacing	2.0 miles
Flight altitude	3000 feet
Flown and compiled	1976
Datum	56,328.62 gammas

A regional trend of 5.93 gammas/mile north and 4.59 gammas/mile east existed and was removed using 1975 IGRF, updated to 1976

Parameters for area west of datum change:

Flight directions	north-south
Flight line spacing	1.0 mile
Flight altitude	3000 feet
Flown and compiled	1973

1000 gammas arbitrarily added to residual magnetic values to avoid negative results

Magnetic residual map was calculated using 1965 IGRF, updated to 1973

AEROMAGNETIC SURVEY

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