

**AEROMAGNETIC MAP OF MT. ST. HELENS,  
WASHINGTON - POST MAY, 1980 ERUPTION**

BY

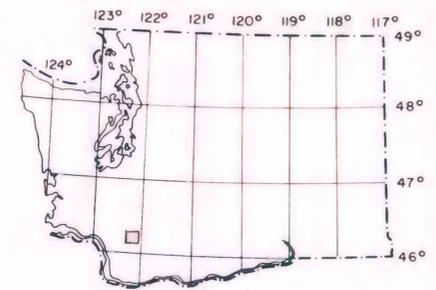
U.S. GEOLOGICAL SURVEY

1982

**SPECIFICATIONS**

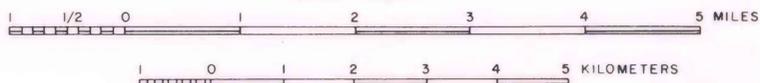
1. SURVEY FLOWN WITH GEOMETRICS PROTON PROCESSION MAGNETOMETER MODEL G-811/813
2. SAMPLING RATE 75 SEC / ±0.1 GAMMA SEN
3. FLIGHT ELEVATION 11,500' BAROMETRIC
4. FLIGHT LINES E & W 1 KILOMETER APART
5. CORRECTED FOR IGRF 1975 UPDATED TO DATE FLOWN
6. CONTOUR INTERVAL = 20 & 100 GAMMAS
7. 5000 GAMMA DC OFFSET ADDED
8. FLOWN SEPTEMBER 1981
9. MAGNETIC VALUE FOR POINT 30345 ON LINE 168 55,363.7 GAMMAS FLOWN AT 11:02 AM. ON 9-17-81.

Flown and compiled by:  
Applied Geophysics, Inc.  
Salt Lake City, Utah



INDEX MAP OF WASHINGTON  
showing location of this study area

SCALE 1:62,500



This map was prepared under contract to the U.S. Geological Survey and has not been reviewed for conformity with USGS editorial standards. Opinions and conclusions expressed herein do not necessarily represent those of the USGS. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.