

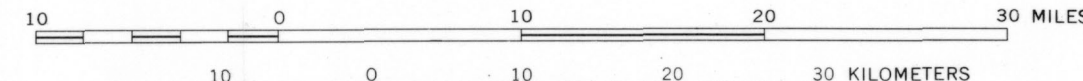
EXPLANATION

- 2.0F*
● 2.0F
● 2.0TBM
● 2.0TBM
- Upper growth limit of barnacles (*Balanus*)
- Upper growth limit of marine algae (*Fucus*)
- Height of tidal bench mark
- Vertical tectonic displacement, in feet, measured along shore with tide level as a datum
Asterisk indicates 1965 measurement; all others are 1964
- 2.0BB*
● 2.0BB
● 2.0BB
- Upper growth limit of barnacles (*Balanus*)
- Upper growth limit of marine algae (*Fucus*)
- Lower growth limit of terrestrial vegetation
- 10.000
● 10.000
- Upper limit of storm tide driftwood. (In uplifted area only)
- Vertical tectonic displacement, in feet, from measured difference between pre- and post-earthquake shoreline features
Asterisk indicates 1965 measurement; all others are 1964
- 10.5T*
● 10.5T
● 10.5T
- Vertical tectonic displacement, in feet, estimated by local resident
Asterisk indicates 1965 estimate; all others are 1964
- 3.0T*
● 3.0T
- Subsidence, in feet, measured at temporary U.S. Coast and Geodetic Survey tide-gage station
Preearthquake observations were made between 1906 and 1957; postearthquake measurements were made in 1964 and 1965 (asterisk). Most of the displacement occurred during the earthquake
- 18MM
● 18MM
- Uplift, in feet, from pre- and postearthquake depth soundings near Montague Island by the U.S. Coast and Geodetic Survey
Preearthquake soundings were made in 1927; postearthquake soundings in 1964 and 1965. Most of the change occurred during the earthquake
- -2
Isobase of tectonic land-level change
Contour interval is 2 feet from -8 to +10 feet; 5 feet from +10 to +35 feet. Solid where estimated precision is ± 1/2 contour interval; dashed where ± 1 contour interval; dotted where inferred
- Reverse fault
Dashed where approximately located; dotted where inferred.
Barbs on upthrown side

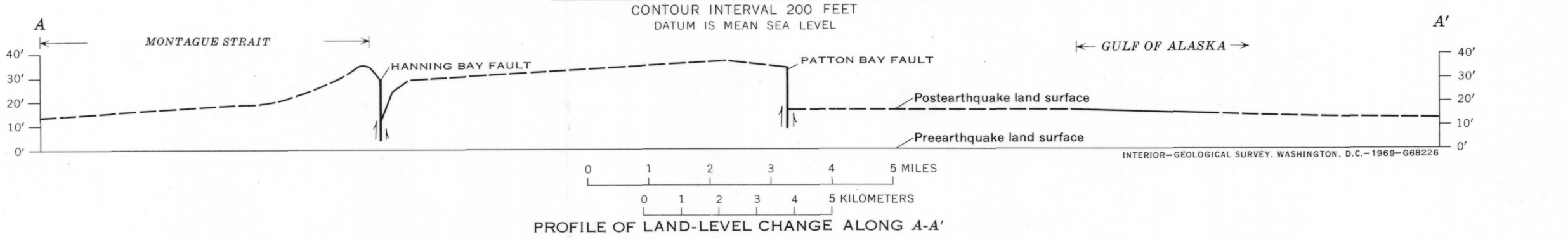
Base from U. S. Geological Survey, 1964

SCALE 1:500 000

Data from George Plafker, L. R. Mayo, J. B. Case, D. S. McCulloch, M. G. Bonilla, and U.S. Coast and Geodetic Survey, 1964-65



CONTOUR INTERVAL 200 FEET
DATUM IS MEAN SEA LEVEL



**MAP SHOWING GROUND DEFORMATION RESULTING FROM THE 1964 ALASKA EARTHQUAKE
IN THE PRINCE WILLIAM SOUND REGION**