A. E. Panorama of Muir Glacier in 1892 by W. E. Reid. Photograph is from negatives made from original plate. Precision is difficult, but Muir Glacier in 1930, Muir Glacier in 1931, and Muir Glacier in 1950 are shown. Distance between 1930 and 1950 termini is a little over 30 km.


B. Muir, Riggs, and Nermeal Glaciers in 1982

C. Muir, Riggs, and Nermeal Glaciers in 1984

A. C. and D. Maps of Muir Glacier showing conditions in 1950, 1981, and 1984 with the 1950 and 1981 terminus positions and the bathymetry of Muir Inlet. The main branch of Muir Glacier retreated 30 km from the terminus in 1950 to the terminus in 1981. This retreat is approximately 5 km from the terminus in 1984. The bathymetry of Muir Inlet shows a significant increase in depth between 1950 and 1984 due to the reduced flow of water into the inlet.

Bathymetry of Muir Inlet and 1892, 1948, and 1972 Maps of Muir Glacier, Alaska