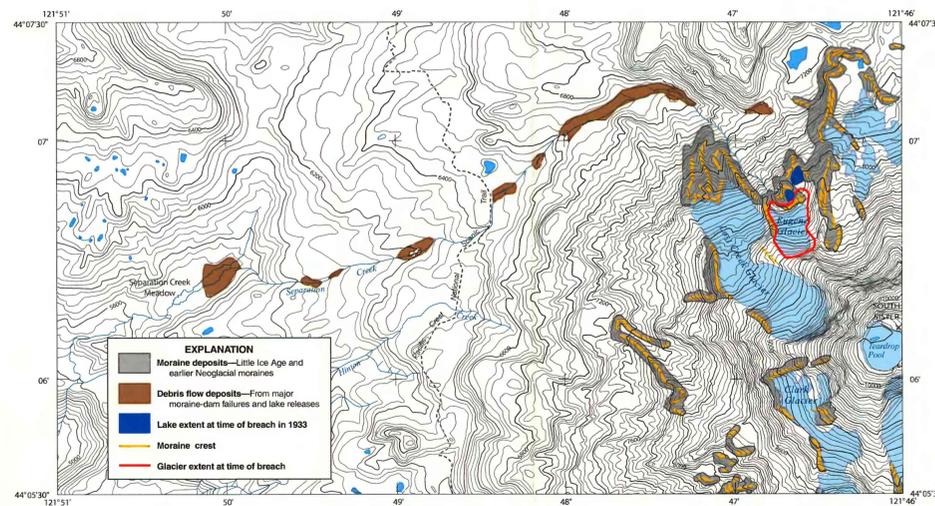


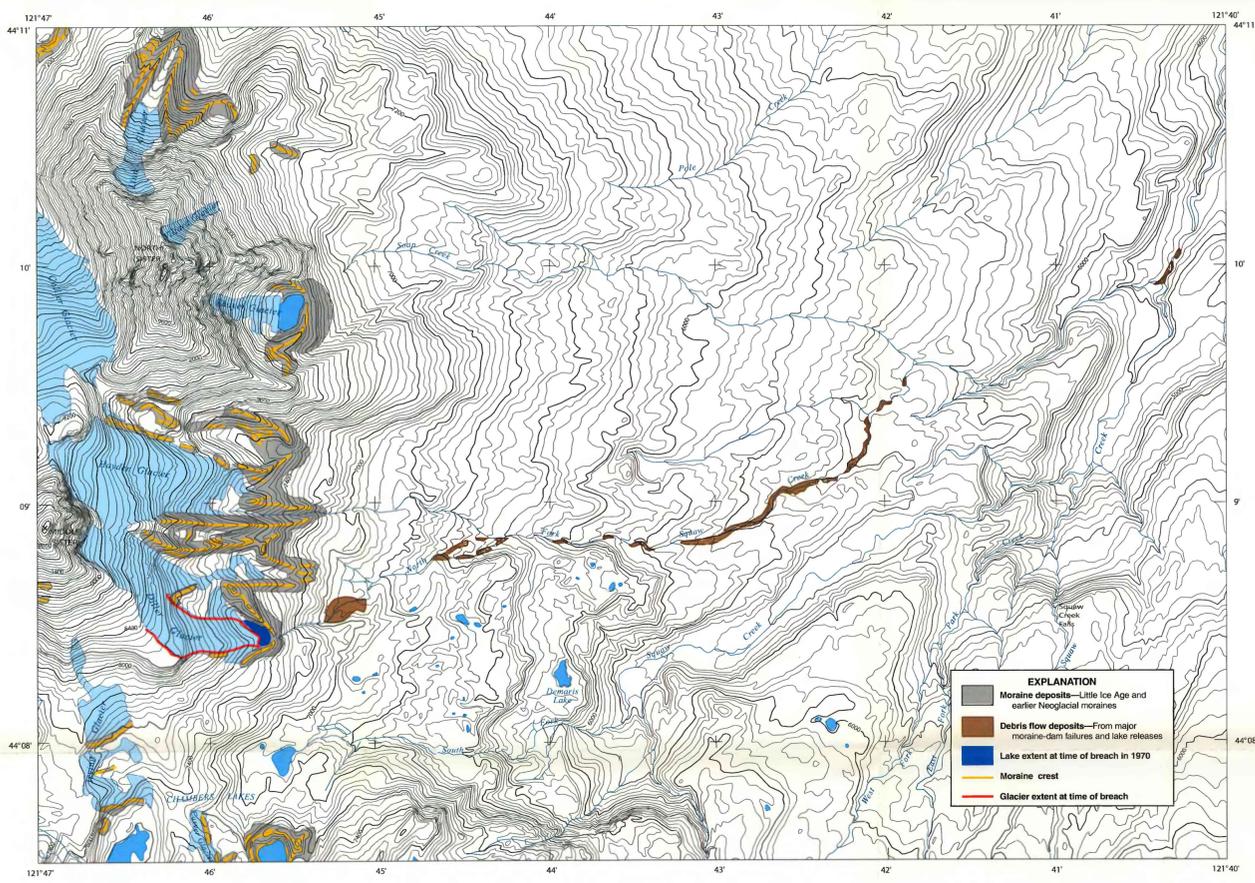
Base from U.S. Geological Survey
1:24,000, North Sister, Oregon, 1988

Debris flow path for flows originating from 1942 moraine-dammed lake release near Collier Glacier, North Sister



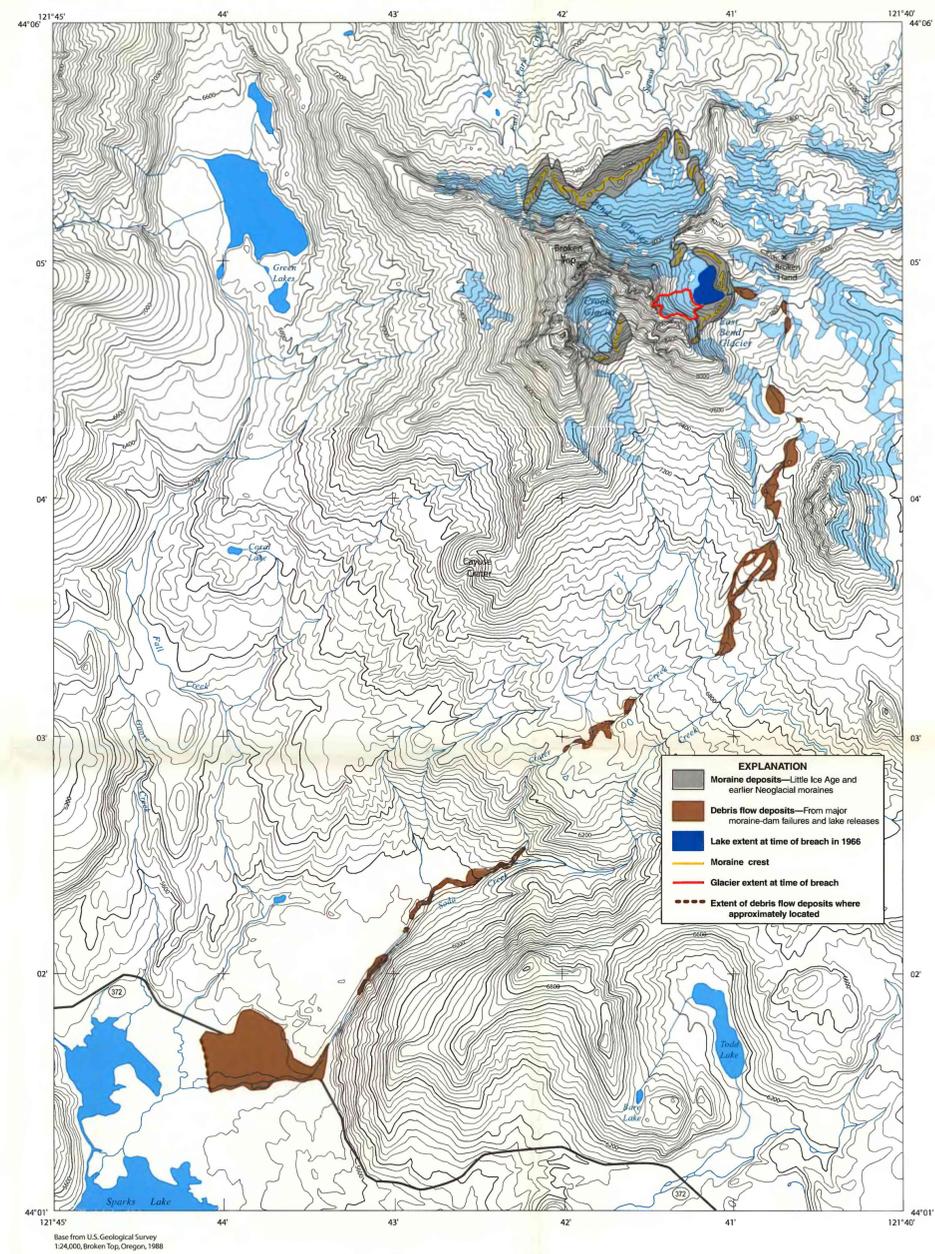
Base from U.S. Geological Survey
1:24,000, South Sister, Oregon, 1988

Debris flow path for flows originating from 1933 moraine-dammed lake release near Eugene Glacier, South Sister



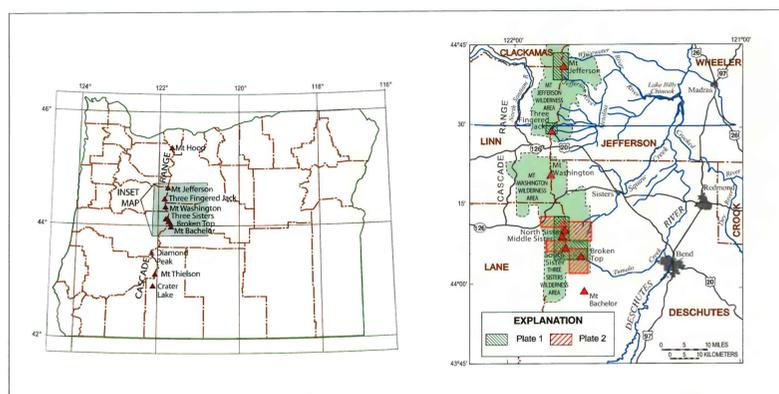
Base from U.S. Geological Survey
1:24,000, North Sister and
Trest Creek Basins, Oregon, 1988

Debris flow path for flow originating from 1970 moraine-dammed lake release near Diller Glacier, Middle Sister



Base from U.S. Geological Survey
1:24,000, Broken Top, Oregon, 1988

Debris flow path for flow originating from 1966 moraine-dammed lake release near East Bend Glacier, Broken Top



Base data from U.S. Geological Survey, 1:24,000
Lambert Conformal Conic projection
Standard parallels 44°30' and 46°; central meridian 120°30'; and baseline meridian 43°40'
Vertical datum, National Geodetic Vertical Datum of 1929
Horizontal datum, North American Datum of 1983 (NAD83)



NOTE: In this report, we use the names on the current U.S. Geological Survey topographic quadrangles and informally use the names "Jack Glacier" and "East Bend Glacier" for the unmapped glaciers or perennial ice masses in the northeast-facing cirques of Three Fingers Jack and Broken Top.

DEBRIS FLOW DEPOSITS, NEOGLACIAL-AGE MORAINES, AND GLACIER POSITIONS IN THE THREE SISTERS WILDERNESS AREA, OREGON

By
J.E. O'Connor, J.H. Hardison, III, and J.E. Costa
2001