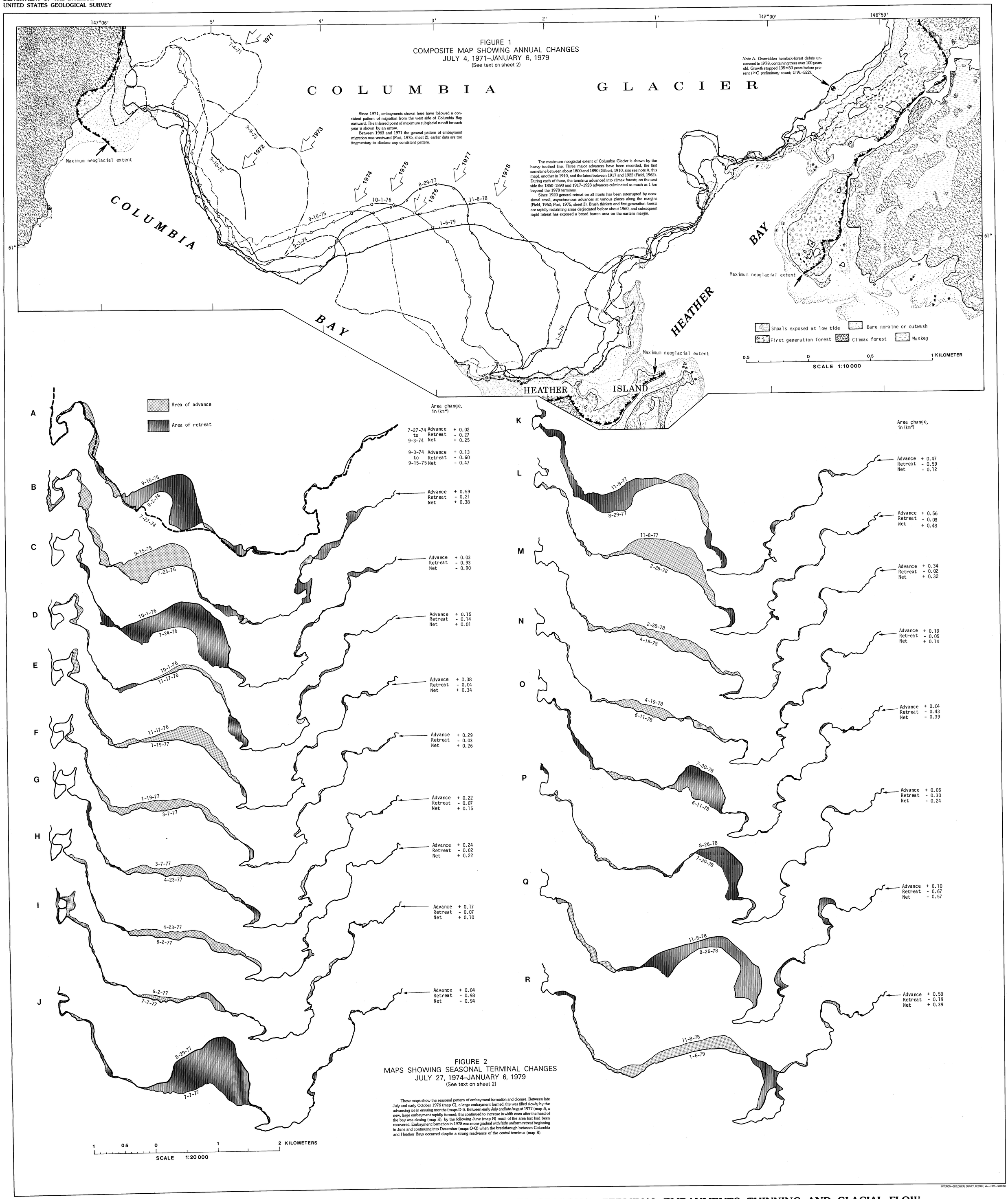

FIGURE 1
COMPOSITE MAP SHOWING ANNUAL CHANGES
JULY 4, 1971–JANUARY 6, 1979
(See text on sheet 2)

FIGURE 2
MAPS SHOWING SEASONAL TERMINAL CHANGES
JULY 27, 1974–JANUARY 6, 1979
(See text on sheet 2)

These maps show the seasonal pattern of embayment formation and closure. Between late July and early October 1976 (map C), a large embayment formed; this was filled slowly by the advancing ice in ensuing months (maps D-I). Between early July and late August 1977 (map J), a new, large embayment rapidly formed; this continued to increase in width even after the head of the bay was closing (map K); by the following June (map N) much of the area lost had been recovered. Embayment formation in 1978 was more gradual with fairly uniform retreat beginning in June and continuing into December (maps O-Q) when the breakthrough between Columbia and Heather Bays occurred despite a strong readvance of the central terminus (map R).

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By
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1980