


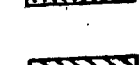
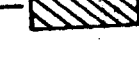



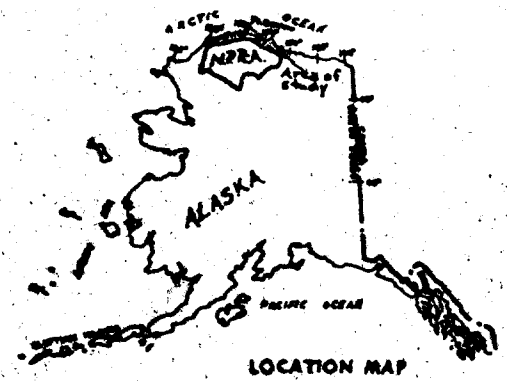
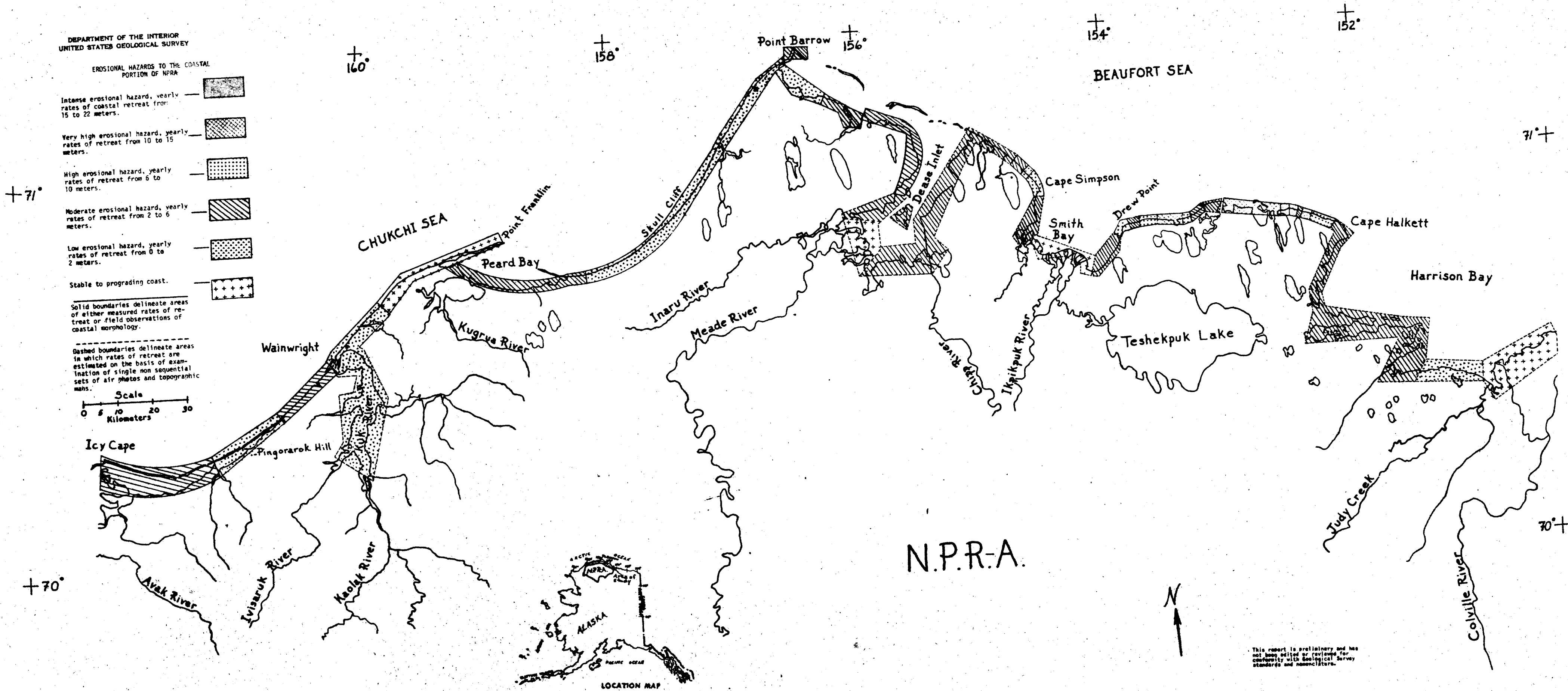
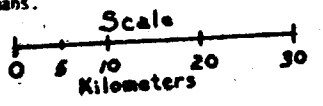
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

EROSIONAL HAZARDS TO THE COASTAL PORTION OF NPRA

- Intense erosional hazard, yearly rates of coastal retreat from 15 to 22 meters. 
- Very high erosional hazard, yearly rates of retreat from 10 to 15 meters. 
- High erosional hazard, yearly rates of retreat from 5 to 10 meters. 
- Moderate erosional hazard, yearly rates of retreat from 2 to 6 meters. 
- Low erosional hazard, yearly rates of retreat from 0 to 2 meters. 
- Stable to prograding coast. 

Solid boundaries delineate areas of either measured rates of retreat or field observations of coastal morphology.

Dashed boundaries delineate areas in which rates of retreat are estimated on the basis of examination of single non sequential sets of air photos and topographic maps.



This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.