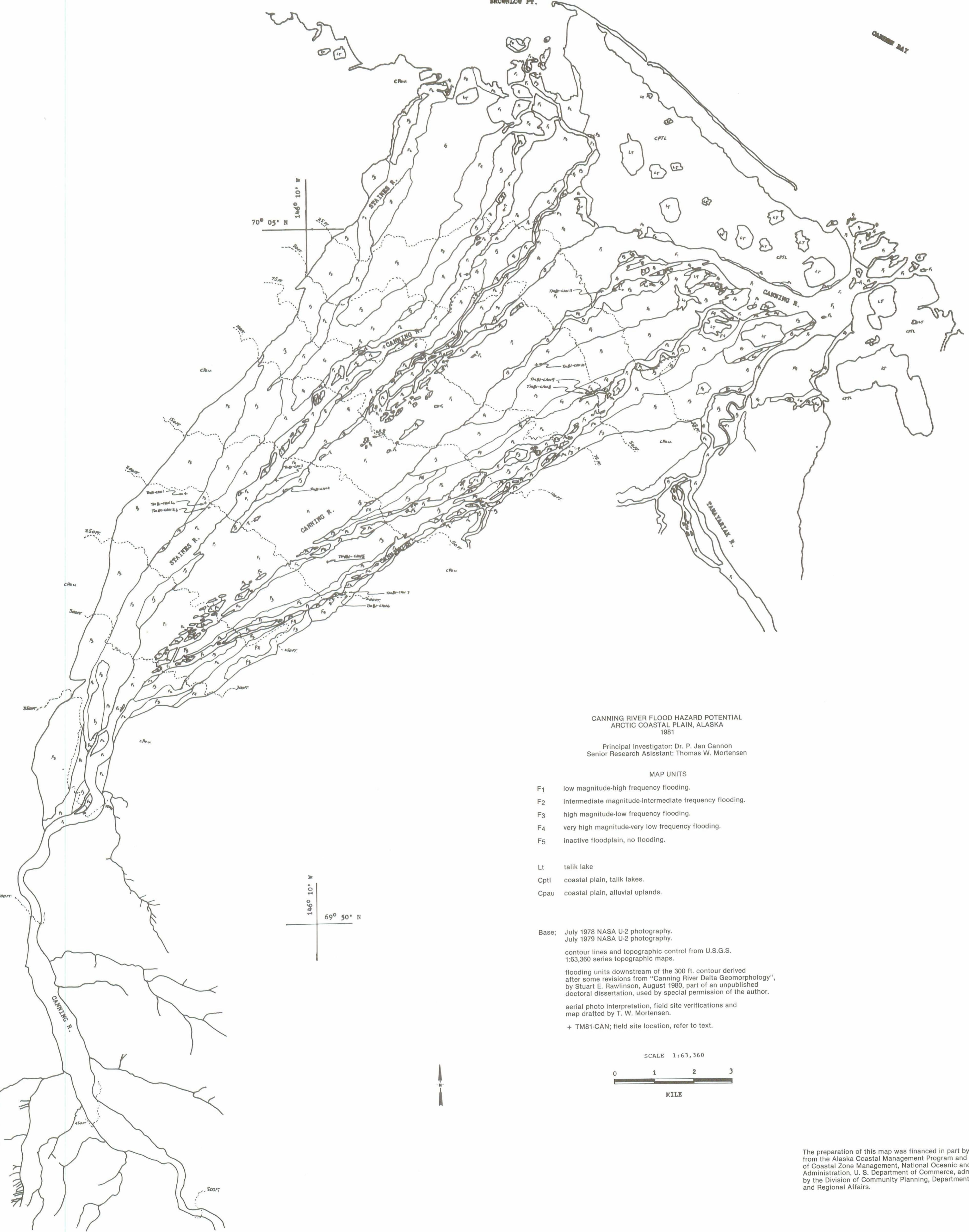


BEAUFORT SEA

BROWNLOW PT.

CLAWSON BAY

70° 05' N  
146° 10' W



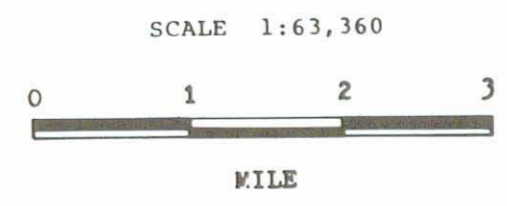
**CANNING RIVER FLOOD HAZARD POTENTIAL  
ARCTIC COASTAL PLAIN, ALASKA  
1981**

Principal Investigator: Dr. P. Jan Cannon  
Senior Research Assistant: Thomas W. Mortensen

**MAP UNITS**

- F1 low magnitude-high frequency flooding.
- F2 intermediate magnitude-intermediate frequency flooding.
- F3 high magnitude-low frequency flooding.
- F4 very high magnitude-very low frequency flooding.
- F5 inactive floodplain, no flooding.
  
- Lt talk lake
- Cptl coastal plain, talk lakes.
- Cpau coastal plain, alluvial uplands.

Base: July 1978 NASA U-2 photography.  
July 1979 NASA U-2 photography.  
contour lines and topographic control from U.S.G.S.  
1:63,360 series topographic maps.  
flooding units downstream of the 300 ft. contour derived  
after some revisions from "Canning River Delta Geomorphology",  
by Stuart E. Rawlinson, August 1980, part of an unpublished  
doctoral dissertation, used by special permission of the author.  
aerial photo interpretation, field site verifications and  
map drafted by T. W. Mortensen.  
+ TM81-CAN; field site location, refer to text.



The preparation of this map was financed in part by funds from the Alaska Coastal Management Program and the Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, U. S. Department of Commerce, administered by the Division of Community Planning, Department of Community and Regional Affairs.

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