THE ARCTIC WITH NORTHERN SCIENTIFIC STATIONS

Data compiled by A.L.Washburn.
Map plotted and drawn by Wm Briesemeister
1948

Principal sources of information

ARCTIC, Vol.1, No.1, 1948, Arctic Institute of North America.
GREAT SOVIET WORLD ATLAS, Vol. 2, 1939.
MAP OF ARCTIC AND SUBARCTIC REGIONS, U.S. Army Air Forces, Arctic, Desert and Tropic Information Center, 1944, manuscript map on file at American Geographical Society of New York.
RADIO WEATHER AIDS, U.S. Navy Dept. H.O. Pub. No 206, 1946, with supplements.

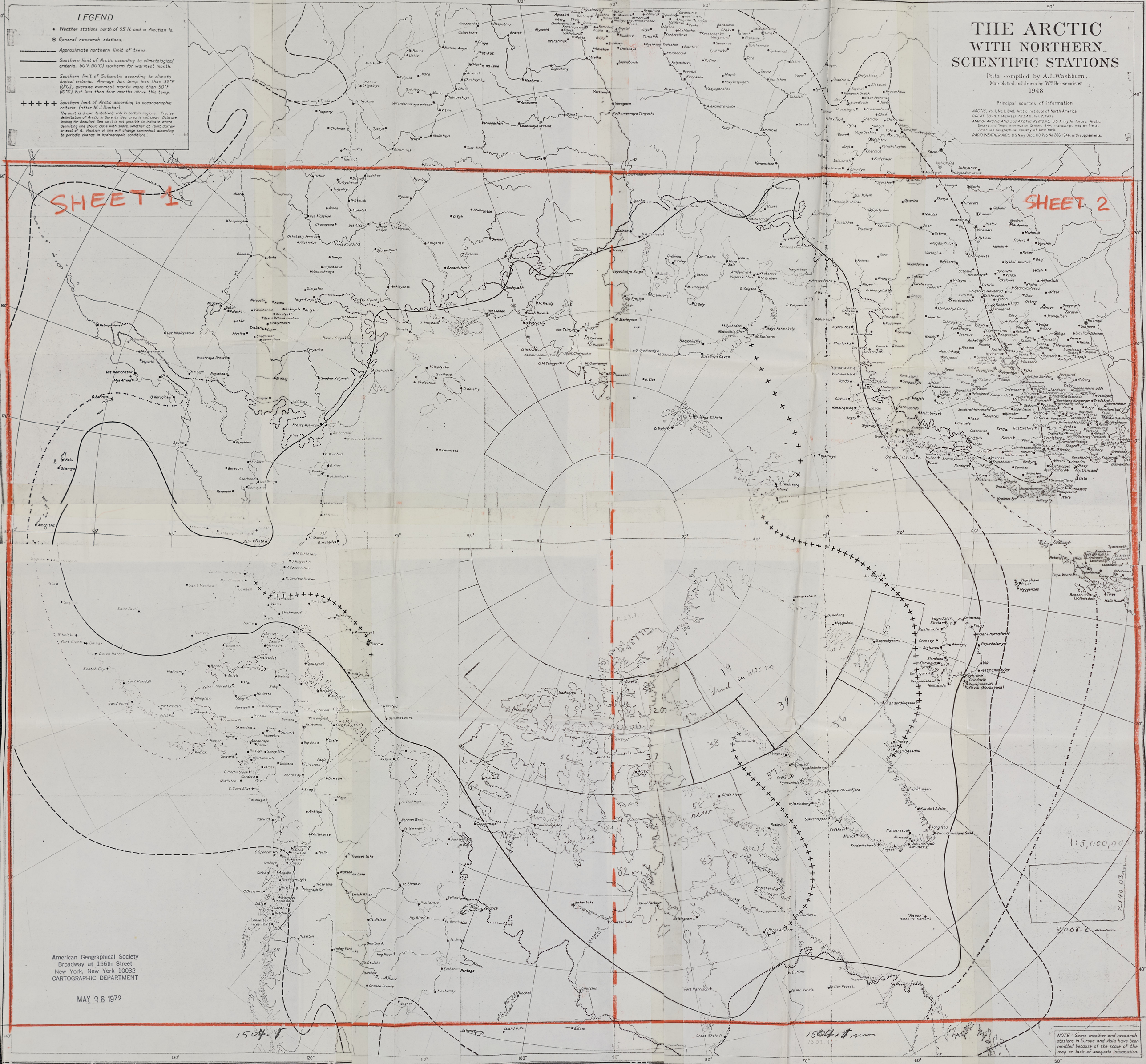
LEGEND

- Weather stations north of 55° N. and in Aleutian Is.
- General research stations.
- Approximate northern limit of trees.
- Southern limit of Arctic according to climatological criteria. 50°F. (10°C) isotherm for warmest month.
- Southern limit of Subarctic according to climatological criteria. Average Jan. temp. less than 32°F. (0°C), average warmest month more than 50°F. (10°C) but less than four months above this temp.
- Southern limit of Arctic according to oceanographic criteria (after M. J. Dunbar).

The limit is drawn tentatively only in certain regions. Precise delimitation of Arctic in Barents Sea area is not clear. Data are lacking for Beaufort Sea so it is not possible to indicate where delimiting line should close with shore, whether at Point Barrow or east of it. Position of line will change somewhat according to periodic change in hydrographic conditions.

SHEET 1

SHEET 2


Petropavlovsk
Ust Kamchatsk
Mys Afrika
Q. Beringa
Q. Karaginski
Attu
Shemya
Amchitka
Saint Paul I.
Nikolski
Fort Glenn
Umnak
Dutch Harbor
Scotch Cap
Fort Randall
Sand Point
Port Heiden
Pilot Pt.
Nakneck
Kodiak
Seward
Homer
Kenai
Anchorage
Palmer
Portage
Valdez
Cordova
Middleton I.
C. Saint Elias
Yakataga
Yakutat
Whitehorse
Skagway
Haines
Juneau
Teslin
C. Spencer
Sitka
Angoon
Wrangel
Ketchikan
C. Decision
Craig
Annette
Tree Point
Hazelton
Teslin
Watson Lake
Frances Lake
Smith River
Dease Lake
Telegraph Cr.
Ft. Nelson
Beatton R.
Keg River
Ft. St. John
Fairview
Peace
Grande Prairie
Finlay Forks
Mc Murray
Wagner
Ft. Simpson
Providence
Yellowknife
Hay River
Ft. Resolution
Ft. Smith
Reliance
Ft. Brochet
Island Falls
Gillam
Churchill
Great Whale R.
Port Harrison
Ft. Chimo
Ft. Mc Kenzie
Indian House L.
Hopedale
Frobisher Bay
Resolution I.
C. Hooper Advance
Baker Lake
Coral Harbour
Nottingham I.
Chesterfield
Cambridge Bay
Coppermine
Norman Wells
Ft. Norman
Ft. Good Hope
Port Radium
Aklavik
Barter I.
Demarcation Pt.
Barrow
Point Lay
Wainwright
Point Hope
Shishmaref
Nome
Unalakleet
Shungnak
Kotzebue
Galena
Bettles
Wiseman
Ruby
Tanana
Stevens
Livengood
Fairbanks
Fort Yukon
Nenana
Big Delta
Eagle
Circle
Tanacross
Northway
Dawson
Mayo
Snag
Aishihik
Whitehorse
Mc Grath
Flat
Aniak
Bethel
Platinum
Dillingham
Naknek
Farewell
L. Minchumina
Manley Hot Spr.
Puntilla
Tanalian Pt.
Skwentna
Curry
Summit
Talkeetna
Anchorage
Palmer
Portage
Sheep Mtn.
North Dutchis
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Northway
Dawson
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Watson Lake
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