U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
STATE OF ALASKA, DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
and the FEDERAL HIGHWAY ADMINISTRATION

WATER-RESOURCES INVESTIGATIONS REPORT 93-4179
Plate 2

ALASKA

SCALE 1:2500000

1 INCH EQUALS APPROXIMATELY 40 MILES

Polyconic projection, 1954 (Snyder, 1987)

50 0 50 100 150 MILES

50 0 50 100 150 KILOMETERS

EXPLANATION

15 — LINE OF EQUAL MEAN ANNUAL PRECIPITATION
Interval, in inches, is variable

36 Amchitka — Mean annual precipitation, in inches, for location

Data sources: Alaska west of longitude 141°, from Charles B. Fahl
Southeast Alaska, modified from Schwartz and Miller (1983)
Canada, modified from Wahl and others (1987)

ARCTIC OCEAN
BEAUFORT SEA
CHUKCHI SEA
BERING SEA
ANADYR GULF
BERING STRAIT
NORTON SOUND
KUSKOKWIM BAY
BRISTOL BAY
GULF OF ALASKA
PACIFIC OCEAN
DIXON ENTRANCE
HECATE STR
MACKENZIE BAY
CANADA
UNITED STATES
YUKON TERRITORY
NORTHWEST TERRITORIES
YUKON
BRITISH COLUMBIA
ALASKA
Barrow
Kotzebue
Nome
Gambell
St. Paul
St. George
Unalaska
Umnak
Kodiak
Bethel
Dillingham
Aniguiyuma
Amundsen
Franklin Bay
Keith Arm
GREAT BEAR LAKE
MACKENZIE RIVER
FAIRBANKS
Dawson
WHITEHORSE
Shemya
Adak
Amchitka
Atka
Attu
Yakutat
Juneau
Sitka
Ketchikan
Prince Rupert
Skagway
Whitehorse
Watson Lake
Fort Nelson
Fort St. John
Dease Lake
Atlin
Teslin
Carcross
Haines
Haines Junction
Kluane Lake
Tok
Delta Junction
Glennallen
Valdez
Cordova
Anchorage
Kenai
Homer
Seward
Soldotna
Kodiak
Petersburg
Wrangell
Kake
Klawock
Craig
Hydaburg
Metlakatla
Ketchikan
Prince Rupert
Terrace
Kitimat
Stewart
Hazelton
Smithers
Prince George
Quesnel
Williams Lake
Kamloops
Vernon
Penticton
Kelowna
Revelstoke
Golden
Cranbrook
Fernie
Creston
Castlegar
Nelson
Trail
Grand Forks
Rossland
Princeton
Hope
Chilliwack
Abbotsford
Vancouver
Victoria
Nanaimo
Courtenay
Campbell River
Port Hardy
Prince Rupert
Queen Charlotte Islands
Haida Gwaii
Dixon Entrance
Hecate Strait
Queen Charlotte Strait
Johnstone Strait
Strait of Georgia
Puget Sound
Olympic Peninsula
Mount Olympus
Mount Rainier
Mount Baker
Cascade Range
Coast Mountains
Rocky Mountains
Brooks Range
Alaska Range
Wrangell Mountains
St. Elias Mountains
Chugach Mountains
Kenai Mountains
Aleutian Range
Aleutian Islands
Alaska Peninsula
Kuskokwim Mountains
Seward Peninsula
Lisburne Peninsula
Point Hope
Point Lay
Wainwright
Barter Island
Prudhoe Bay
Colville River
Kobuk River
Noatak River
Selawik River
Koyukuk River
Yukon River
Tanana River
Porcupine River
Peel River
Liard River
Fort Liard
Fort Simpson
Fort Norman
Norman Wells
Inuvik
Tuktoyaktuk
Aklavik
Old Crow
Beaufort Sea
Mackenzie Bay
Amundsen Gulf
Coronation Gulf
Dease Strait
Queen Maud Gulf
Victoria Island
Banks Island
Melville Island
Prince of Wales Island
Somerset Island
Boothia Peninsula
King William Island
Baffin Bay
Davis Strait
Hudson Bay
Hudson Strait
Foxe Basin
Foxe Channel
Southampton Island
Coats Island
Mansel Island
Belcher Islands
Ungava Bay
Labrador Sea
Greenland
Iceland
Baffin Island
Devon Island
Ellesmere Island
Axel Heiberg Island
Amund Ringnes Island
Cornwallis Island
Bathurst Island
Melville Island
Prince Patrick Island
Eglinton Island
Lougheed Island
Borden Island
Meighen Island
Ellef Ringnes Island
Graham Island
Brock Island
Mackenzie King Island
Lake Peters
Lake Colville
Lake Teshekpuk
Lake Iliamna
Lake Clark
Lake Becharof
Lake Naknek
Lake Aleknagik
Lake Nerka
Lake Tustumena
Lake Kathleen
Lake Minchumina
Lake Clarence
Lake Kluane
Lake Laberge
Lake Bennett
Lake Tagish
Lake Atlin
Lake Teslin
Lake Dease
Lake Muncho
Lake Athabasca
Great Slave Lake
Great Bear Lake
Lake Winnipeg
Lake Manitoba
Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Lake Champlain
Lake Memphremagog
Lake Temiscouata
Lake Timiskaming
Lake Nipigon
Lake Abitibi
Lake Mistassini
Lake Nipissing
Lake Simcoe
Lake Scugog
Lake Rice
Lake Chemong
Lake Couchiching
Lake Muskoka
Lake Joseph
Lake Rosseau
Lake of Bays
Lake Temagami
Lake Kipawa
Lake Timiskaming
Lake Abitibi
Lake Mistassini
Lake Nipissing
Lake Simcoe
Lake Scugog
Lake Rice
Lake Chemong
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Lake Muskoka
Lake Joseph
Lake Rosseau
Lake of Bays
Lake Temagami
Lake Kipawa

MAP SHOWING MEAN ANNUAL PRECIPITATION FOR ALASKA AND CONTERMINOUS BASINS OF CANADA

By
Stanley H. Jones and Charles B. Fahl

1994

Jones,S.H., and Fahl,C.B., 1994, Magnitude and Frequency of Floods in Alaska and Conterminous Basins of Canada, U.S. Geological Survey Water-Resources Investigations Report 93-4179