Canada
Department of Mines and Resources
SURVEYS AND ENGINEERING BRANCH
HYDROGRAPHIC AND MAP SERVICE
THE NORTHERN HEMISPHERE
SCALE
NOTE. It is not possible to map this large area of the globe on a uniform scale. This map is drawn on a Polar Equidistant Projection, which means that the scale along the meridians is constant (at 192 miles to one inch) but the scale in other directions varies. Near the north pole the map can be considered true to scale, and for that part of the map within the 40° latitude circle the scale may be taken, with sufficient accuracy for ordinary purposes, to be 300 miles to one inch.
In the zones north of 45° areas on the map are stretched in an east-west direction. However, for an approximate estimate of distances the map may be considered to be divided into zones of latitude, the scale to be used in each zone being taken from the following table:
Measuring North and South
Measuring East and West
Measuring Diagonally
North of Latitude 60° ... one inch equals 192 miles
Zone between Latitudes 60° and 55° ... 205 " 182 " 291
" " 55° " 50° ... 205 " 175 " 280
" " 50° " 45° ... 205 " 168 " 268
" " 45° " 40° ... 205 " 160 " 256
" " 40° " 30° ... 205 " 148 " 238
" " 30° " 20° ... 205 " 125 " 201
" " 20° " 10° ... 205 " 105 " 168
Longitude West of Greenwich
Longitude East of Greenwich
Equator
Tropic of Cancer
International Date Line
Arctic Ocean
Pacific Ocean
Atlantic Ocean
Indian Ocean
Caribbean Sea
Gulf of Mexico
Hudson Bay
Baffin Bay
Greenland
Iceland
Norwegian Sea
Barents Sea
Black Sea
Caspian Sea
Mediterranean Sea
Arabian Sea
Bay of Bengal
China Sea
Sea of Japan
Sea of Okhotsk
Bering Sea
Aleutian Islands
Hawaiian Islands
Philippines
Japan
Korea
Formosa
Madagascar
Ceylon
Sumatra
Borneo
Celebes
Java
Malaya
Siam
French Indo China
Burma
Tibet
Mongolia
Inner Mongolia
Outer Mongolia
Manchuria
Sakhalin
Kamchatka
Hokkaido
Alaska
Yukon
Mackenzie
Keewatin
Ungava
Labrador
Newfoundland
Quebec
Ontario
Manitoba
Saskatchewan
Alberta
British Columbia
Northwest Territories
Hawaii
Mexico
Guatemala
Honduras
Nicaragua
Costa Rica
Panama
Cuba
Haiti
Dominican Republic
Jamaica
Puerto Rico
Bahama Islands
Colombia
Venezuela
Peru
Ecuador
Brazil
Paraguay
Bolivia
Chile
Argentina
Uruguay
Portugal
Spain
France
Italy
Sicily
Sardinia
Corsica
Balearic Islands
Canary Islands
Azores
Madeira
Cape Verde Is.
Morocco
Algeria
Tunisia
Libya
Egypt
Anglo Egyptian Sudan
Abyssinia
Eritrea
French Somaliland
Italian Somaliland
British Somaliland
Kenya
Uganda
Tanganyika
Belgian Congo
Angola
Rhodesia
Union of South Africa
Mozambique
Portuguese Guinea
Sierra Leone
Liberia
Gold Coast
Nigeria
Cameroons
French Equatorial Africa
Gulf of Guinea
Bight of Biafra
Bay of Biscay
Gulf of Mexico
Gulf of Guinea
Persian Gulf
Gulf of Oman
Gulf of Aden
Red Sea
Mediterranean Sea
Adriatic Sea
Black Sea
Caspian Sea
Aral Sea
Lake Baikal
Lake Victoria
Lake Tanganyika
Lake Nyasa
Lake Chad
Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
Great Bear Lake
Great Slave Lake
Lake Winnipeg
Lake Athabasca
Lake Nipigon
Lake Mistassini
Lake Nipissing
Lake Kootenay
Lake Okanagan
Lake Shuswap
Lake Nicaragua
Lake Titicaca
Lake Maracaibo
Lake Tchad
Lake Victoria
Lake Tanganyika
Lake Nyasa
Lake Rudolf
Lake Albert
Lake Edward
Lake Kivu
Lake Mweru
Lake Bangweulu
Lake Ngami
Lake Chad
Lake Tana
Lake Turkana