THE NORTHERN HEMISPHERE
Canada
Department of Mines and Resources
SURVEYS AND ENGINEERING BRANCH
HYDROGRAPHIC AND MAP SERVICE
NOTE: It is not possible to map this large area of the globe on a uniform scale. This map is drawn on a Polar Gnomonic Projection, which means that the scale varies from the North Pole outward (at 102 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 48° latitude circle the scale may be taken, with sufficient accuracy for ordinary purposes, to be 100 miles to one inch.
In the lands north of 65°, 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:
— SCALE —
Measuring North and South
Measuring East and West
Measuring Diagonally
Zone between Latitudes 65° and 70°... one inch equals 305 miles; 285; 291
" " 70° " 75°... 305 " 275; 290
" " 75° " 80°... 308 " 240; 288
" " 80° " 85°... 308 " 215; 275
" " 85° " 90°... 308 " 125; 265
1850
Longitude West of Greenwich
Longitude East of Greenwich
COMPILED, DRAWN AND PRINTED AT THE HYDROGRAPHIC AND MAP SERVICE, OTTAWA, 1941

1850 #42