AREA OF WETLANDS
as percentages of grid-units of 10,000
square kilometres in area

- None
- Less than 1%
- 1 - 4%
- 5 - 8%
- 9 - 11%
- 12 - 18%
- 19 - 30%
- 31 - 60%
- 61 - 99%

Each grid-unit covers an area of 10,000 square kilometres. 1% therefore equals 100 square kilometres (38.61 square miles). However, in areas where a grid-unit includes sea water, the percentage of wetlands shown on the map is a percentage of the island and mainland area only, rather than of the whole grid-unit. In such cases the number of square kilometres represented by 1% decreases accordingly.

The term Wetlands, as used on this map, refers to areas represented on the 1:250,000 maps of the National Topographical System by the symbols for "inundated lands, seasonal"; "marsh or swamp"; "alkali flats"; "string bog"; and "foreshore flats". These are designations of a variety of types of water-saturated soil or vegetation within which there may be shallow ponds of open water that may be seasonal or otherwise ephemeral.

The data of the map are adapted from: Hare, F.K., Ferguson, H.L., Anderson, J.C., and Schwartz, J., forthcoming. *Mean Evapotranspiration over Canada, Part 1: Cover and Land Form.* Climatological Studies Series. Department of the Environment, Atmospheric Environment Service.

The measurements for the study cited above, made on the 1:250,000 maps of the National Topographical System, show wetlands as occupying 8.19% of the area of Canada: fresh water bodies, 7.9% (see pages 7-8); glaciers and permanent snowfields, 2.27%; tundra and exposed rock, 30.89%; forest 43.98%; grassland including cropland, 6.71%; built-up areas, 0.06%.

ARCTIC OCEAN

PACIFIC OCEAN

ATLANTIC OCEAN

GREENLAND

HUDSON BAY

UNITED STATES OF AMERICA