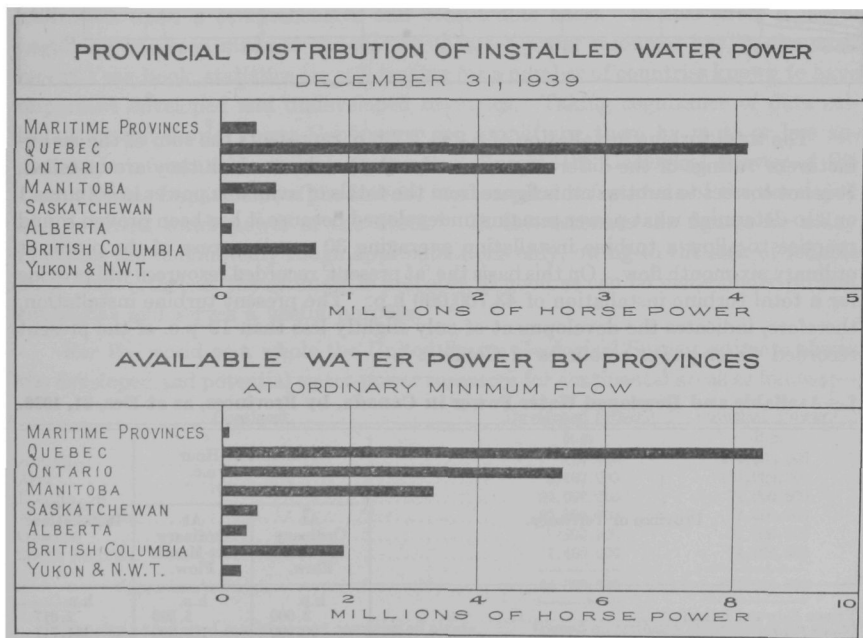


Peace, and Slave, rapids which offer possibilities of substantial development occur. It is estimated that the water-power resources of the Interior Plains Region total 1,800,000 h.p.

**The Hudson Bay Lowland Region.**—This division borders the southern and western shores of James Bay and the south shore of Hudson Bay. It is so remote and possesses so few water powers that its resources, for the purpose of this article, have been included with those of the Canadian Shield. With the exception of some sites on the lower Nelson River its water-power resources are negligible.

### Extent of Canada's Available and Developed Water-Power Resources.

The chart below and Table 1 show the provincial distribution of available and developed power as at Dec. 31, 1939. These estimates are the result of a systematic study of all existing stream flow and power data available from Dominion, provincial, and private sources. The figures of available water power are based upon rapids, falls, and power sites of which the actual drop or the head possible of concentration has been measured, or at least carefully estimated. Many unrecorded rapids and falls of undetermined power capacity exist on rivers and streams from coast to coast. These will become available for tabulation only as more detailed survey work is completed; this is particularly true in the less explored



northern districts. Also, no consideration has been given to the power concentrations that are feasible on rivers and streams of gradual gradient, where economic heads may be created by the construction of power dams, unless definite studies have been carried out and the results made matters of record. In brief, figures of available power quoted represent only the *minimum* water-power possibilities of the Dominion.