

The erection of dams for power purposes would, at a number of places, improve the rivers for navigation by drowning out the rapids. For the most part, the railways of the province follow the larger river valleys and, since the completion of the roads, river steam-boating has been gradually dying out. Under the circumstances, the fact that the interest of navigation has generally been considered prior to those of power, is not likely to conflict with any important future power development or other uses of the water resources.

Relatively little irrigation in British Columbia at the present time is carried on north of the 52nd parallel of north latitude. This is no doubt due to the fact that, owing to the difficulty in transporting farm produce, the greater part of the land has been used in connection with stock raising. No doubt when the line of the Pacific Great Eastern railway opens up this country, a great part of the land will be taken up, and while the average rainfall is greater than in the dry belt, still to insure successful farming it will be necessary in some localities to supplement the by irrigation.

Investigations of the water resources of British Columbia are being made by both federal and provincial engineers. The Dominion Water Power Branch of the Department of the Interior, Ottawa, acts in co-operation with the Provincial Water Rights Branch, Victoria, in carrying out an extensive hydrometric survey of the Province. R. G. Swan is the chief engineer of these federal operations and E. A. Cleveland is comptroller of water rights for the province. A number of reports covering the progress of this hydrometric survey from 1913 to 1918 have been issued by the Dominion Water Power Branch. They comprise Water Resources Papers Nos. 1, 8, 14, 18, 21, and 23. Under the direction of Mr. Cleveland the province is carrying on detailed surveys of the more important power sites and are also investigating the storage possibilities of many irrigation streams for the purpose of augmenting the water supply.

An excellent report on the water-powers of British Columbia by G. R. G. Conway, Consulting Engineer of the British Columbia Electric Railway Company, is embodied in Water Resources Paper No. 16, entitled "Water Powers of Canada."

The Commission of Conservation have recently issued an exhaustive report entitled "Water Powers of British Columbia." The subject is treated very fully, the report containing over 600 pages with numerous maps and illustrations. Numerous sites in Central British Columbia were investigated by the author of this report and the available power estimated.

The report "Central Electric Stations in Canada" is more recent and has been printed in two parts. Part I. Statistics, is issued by the Dominion Bureau of Statistics as a Census of Industry, 1917. It was prepared in collaboration with the Dominion Water Power Branch. Part II. Directory, by J. T. Johnston, Assistant Director of Water Power, has been published as Water Resources Paper No. 27.

The administration and control of the water resources of the province are in the hands of the Provincial Government, which issues regulations governing their disposal or development.