

for such purposes are dealt with thereunder. The Director of Water Resources at Edmonton is responsible for all field administration. The Irrigation Districts Act of Alberta (R.S.A., 1922, c. 114) and amending statutes provide for the formation of irrigation districts, and authorize the raising of loans under by-laws adopted by the voters of the district. Table 38 gives statistics of the larger irrigation projects in Alberta for the years 1935 and 1936.

38.—Major Irrigation Projects in Southern Alberta, 1935 and 1936.

Project.	Source of Supply.	1935.			1936.		
		Irrigable Area.	Length of Canals.	Area Irrigated in 1935.	Irrigable Area.	Length of Canals.	Area Irrigated in 1936.
		acres.	miles.	acres.	acres.	miles.	acres.
C.P.R. Western.....	Bow river.....	218,980	1,566	19,109	218,980	1,347	44,614
C.P.R. Lethbridge.....	St. Mary river..	100,000	196	70,000	100,000	196	75,274
Canada Land.....	Bow river.....	130,000	453	22,694	130,000	453	24,453
Taber.....	St. Mary river..	21,499	96	19,471	21,499	99	19,123
Lethbridge Northern...	Oldman river...	96,871	600	73,022	96,777	600	62,790
United.....	Belly river.....	34,166	175	12,000	34,166	175	18,000
New West.....	Bow river.....	4,563	24	2,066	4,563	24	2,207
Magrath.....	St. Mary river..	6,975	90	4,000	6,975	90	4,000
Raymond.....	St. Mary river..	15,130	16	13,000	15,130	16	13,000
Mountain View.....	Belly river.....	3,500	22	3,000	3,500	22	2,900
Little Bow.....	Highwood river	3,093	2.5	300	3,093	2.5	200
Eastern.....	Bow river.....	250,000	1,904	143,997	250,000	1,904	111,781

The Canadian Pacific Railway Co. has constructed three large projects known as the Eastern, Western, and Lethbridge sections, the last-named being the oldest irrigation project in Alberta. In 1935 the interests of the Company in the Eastern project were transferred to the water contract holders, who are now operating under the name of the Eastern Irrigation District. By agreement with the Canadian Pacific Railway Co., the Taber, Magrath, and Raymond irrigation districts procure their water supply from the main canal of the Lethbridge section, a further 43,603 acres being served by the canals of these districts.

The total irrigable area served by the Canada Land and Irrigation Co.'s project is 130,000 acres, while the New West Irrigation District, by agreement with the Canada Land and Irrigation Co., receives a water supply for a further irrigable area of 4,563 acres.

In addition to the irrigated tracts enumerated in the foregoing table, there are approximately 360 privately-owned projects in Alberta, with a possible irrigable area of 56,724 acres.

*British Columbia.**—The surface waters of British Columbia are vested in the Crown in the right of the province and are administered by the Water Rights Branch of the Department of Lands under the Water Act, the Drainage Dyking and Development Act and the Ditches and Watercourses Act. The administration of the Acts is vested in the Comptroller of Water Rights and the Water Board, the latter comprising a Chairman, the Comptroller of Water Rights and the Chief Engineer of the Branch.

Licences to use water for irrigation are issued by the Comptroller of Water Rights, and since 1858, when the first right to use water was given, upwards of 9,000 irrigation licences have been issued.

* Revised by J. C. MacDonald, Comptroller of Water Rights, Department of Lands, Victoria, British Columbia.