

TABLE NO. 7.

IRRIGATION AND WATER-SUPPLY.

SCHEDULE OF SCHEMES COMPLETED OR UNDER CONSTRUCTION.

Scheme.	Source of Supply.	River Discharge (Minimum).	Main Canal Discharge (Maximum).		Average Rainfall from Records available.	Rainfall, 1922.	Area commanded (Gross).	Area irrigated at Present.	Works authorized.		Works completed.		Expenditure to 31st March, 1924.	Estimate to complete.	Remarks.
			As per Design.	During 1923-24.					Main Canals.	Distributaries.	Main Canals.	Distributaries.			
Steward Settlement	Waitaki River	..	Cusecs. 110	Cusecs. ..	Inches. 21-20 (Steward Settlement)	Inches. 18-38	Acres. 18,000	Acres. ..	M. ch. 14 60	M. ch. 50 31	M. ch. 14 60	M. ch. 50 31	£ 12,115	£ ..	Completed.
Otekaikē	Otekaikē River	..	15	..	21-31 (Duntroon)	19-77	1,500	800	14 37	3 47	14 37	3 47	3,631	..	Completed. Used only on west side of river.
Ida Valley	Manorburn, Poolburn, and Moa Creek. (Storage Manorburn Dam)	..	110	88	15-62 (Moa Ck.)	14-19	28,918	7,200	73 0	54 0	73 0	22 20	157,424	9,623	About 20,000 acres can now receive partial irrigation equal to one-third complete irrigation, the balance being land that either does not require irrigation or benefits indirectly through irrigation of the balance. To provide further water for its complete irrigation further conservation-works would be necessary. These have been investigated, and as they appear to be excessive in cost, nothing further is now proposed in that direction.
Galloway	Manorburn Dam	..	15	15	13-49 (Galloway)	13-21	2,250	1,650	10 50	4 0	10 50	4 0	21,122	666	Almost completed. Orlig Terrace scheme now reduced in area and amalgamated with Galloway.
Manuherikia - Alexandra-Clyde No. 1	Manuherikia River	77	100	40	15-48 (Alexandra, Ophir, and Clyde)	15-15	11,000	2,050	23 0	41 0	23 0	37 6	189,651	22,045	Sufficiently completed to supply water to any part of area, but some earthwork enlargement of parts of main race will soon be necessary, as originally anticipated, to provide full irrigation.
Ardgour	Lindis River	..	20	20	16-90 (Tarras)	16-90	2,000	1,426	13 0	2 40	13 0	2 40	32,199	459	Almost completed.