

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, 1934.	Area commanded (Gross).	Area able to be irrigated at Present.	Works authorized.		Works completed.		Expenditure to 31st March, 1935.	Remarks.
			As per Design.	During 1934-35.					Inches.	Cusecs.	M. ch.	Distributaries.			M. ch.	Distributaries.
Canterbury South—Redcliff	Waitaki River	3,000	55	..	21-00	21-00	7,000	..	3 69	13 76	3 58	6 9	3,456	Under construction.
Otago North—Otekaieke	Otekaieke River	9	15	..	21-31 (Dunroon)	21-55	1,500	800	14 37	3 47	14 37	3 47	3,631	Completed. Used only on west side of river.
Steward Settlement	Waitaki River	..	110	..	20-31 (Steward Settlement)	21-28	18,000	..	14 60	50 31	14 60	50 31	12,115	Completed.
Otago Central—Ardgour	Lindis River	35	20	19	19-50 (Tarras)	21-28	2,000	1,400	13 0	2 40	13 0	2 40	33,608	Completed.
Arrow River	Arrow River	40	50	32	27-51 (Arrowtown and Frankton)	30-78	6,536	3,421	..	..	9 18	24 2	142,928	Completed.
Bengerburn	Bengerburn	1	4	4	..	..	1,000	144	2 6	..	2 6	..	690	Completed.
Earnsclough (Fraser River)	Fraser River	10	47	70-25	15-31 (Earnsclough)	20-24	2,743	2,101	11 80	17 60	11 30	17 60	10,450	Completed.
Hawkdun (formerly Mount Ida)	Tributaries of Manuherikia River and Eweburn Reservoir	..	60	27	24-08 (Naseby and Naseby Plantation)	25-71	10,000	8,242	66 0	101 0	66 0	90 12	70,770	Completed.
Idaburn	Idaburn Dam	3	8	4-75	23-12 (Moa Creek, Blackstone Hill)	24-54	2,500	615	10 0	0 40	7 26	0 40	6,739	Main scheme completed.
Ida Valley and Galloway—Ida Valley	Manorburn, Poolburn, Moa Creek, and Totara Creek. (Storage Manorburn Dam)	..	110	79	16-52 (Moa Creek)	19-99	14,000	11,761	73 0	54 0	73 0	29 50	280,829	Completed. Additional storage furnished by Poolburn Dam.
Galloway	Manorburn Dam	..	30	24	14-24 (Galloway)	15-81	3,450	2,653	10 50	10 7	10 50	10 7	5,131	Dam and race-work completed. Protective works are being carried out below the dam.
Lower Manorburn Dam	Manorburn Creek	4	7	7	..	..	..	..	..	2 0	..	2 0	35,623	Completed.
Last Chance (Fruitlands and Earnsclough Tops)	Shingle, Coal Gorge, Butcher's Creek, and Conroy's Creek	8	20	14-5	16-26 (Earnsclough and Roxburgh East)	20-05	4,300	2,231	22 0	5 70	20 78	5 70	233,915	Completed.
Manuherikia-Alexandra-Clyde No. 1	Manuherikia River	77	100	88	15-01 (Alexandra, Ophir, and Clyde)	16-20	7,000	6,090	23 0	46 20	23 0	46 20	194,242	8,000 acres to be supplied from main race and 2,800 acres from Thompson's and adjacent creeks.
Omakau	Manuherikia River and Storage Dam and Thompson's Creek	36	65	..	20-29 (Clyde, Ophir, and Blackstone Hill)	20-65	10,800 (irrigable)	..	42 0	50 0	25 00	25 40	136,804	Completed.
Tarras	Lindis River	35	70	38	19-50 (Tarras)	21-28	6,000	3,952	21 70	17 55	21 70	17 55	68,034	Completed and serving all land requiring water.
Teviot River	Teviot River and Lake Onslow Dam	40	80	60	17-22 (Roxburgh East)	19-87	5,300	3,987	20 48	14 57	20 48	14 57	14,054	..
General investigations and surveys, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total: Schemes completed or under construction							102,129	47,397	389 24	391 06	337 55	348 62	1,253,019	