

ANNUAL RAINFALL, 1939—continued.

Station.	Observer.	Altitude.	Total Fall.	Number of Days.	Deviation from Normal.		Greatest Fall in Twenty-four Hours.		
					Total Fall.	Number of Days.	Amount.	Date.	
SOUTH ISLAND—continued.									
(1) Otago and Southland—continued.									
Steward Settlement	F. R. Sanders	215	13.00	58	In.	-7	In.	1.52	20th June.
Blackstone Hill	Miss A. M. Henderson	1,900	18.25	103	-13	+10	1.00	18th April and 21st September.	
Arrowtown	A. Hamilton	1,180	23.68	105	-4	-17	1.33	11th September.	
Frankton, Lake Wakatipu	J. W. Wallace	1,080	24.75	114	-3	-1	1.39	23rd January and 12th September.	
Queenstown	Postmaster	1,110	26.49	122	-4	+24	1.32	23rd January.	
Naseby	N. E. Wood	2,000	18.44	83	-7	-12	1.60	22nd September.	
Ripponvale, Cromwell	H. D. Ord	700	15.68	77	0	-18	1.62	12th September.	
Naseby Plantation	H. E. Fache	2,300	17.22	109	-7	-2	0.94	21st September.	
Oamaru	W. Forrester	10	16.90	128	-5	+23	0.94	20th July.	
Ophir, Central Otago	Mrs. M. E. Drake	1,000	12.96	91	-2	-6	1.07	21st September.	
Waipiata	Ian Lothian	1,176	14.20	75	-3	-3	1.20	21st September.	
Waipiata Sanatorium	Dr. A. Kidd	1,550	17.32	110	-1	-18	1.30	21st September.	
Clyde	E. W. George	558	12.43	85	-3	-9	1.32	12th September.	
Moa Creek	A. McDonnell	1,470	13.86	74	-2	-28	1.18	20th November.	
Galloway	A. McDonnell	582	11.17	78	-4	-9	0.99	12th September.	
Patearoa	Thos. Hall	1,250	16.95	82	+3	+3	1.16	10th March.	
Earnsclough	Clements and Whiting	600	14.68	59	0	-35	1.66	12th September.	
Alexandra	Geo. Smith	520	10.70	100	-2	+3	0.93	12th September.	
Kingston	Postmaster	1,033	26.47	70	-13	-33	1.78	9th November.	
"Te Awa," Hillgrove	W. S. D. Trotter	63	18.73	108	-6	-21	0.81	20th June.	
Moeraki Lighthouse	Principal Keeper	140	21.85	109	-6	-21	2.60	25th July.	
Manorburn Dam	A. McDonnell	2,448	14.83	133	-6	+3	0.77	21st September.	
Robertslea, Middlemarch	Alex McKinnon	900	26.23	160	-4	+18	1.32	10th March.	
Castle Hill Station, Athol	W. Menlove	396	27.33	114	-7	-10	1.50	26th July.	
Bushy Park, Palmerston	Alex Twaddle	20	20.98	101	-4	-23	0.71	5th July.	
Roxburgh East	Wm. Young	325	19.91	114	-1	-5	1.57	27th July.	
Roxburgh	Dr. J. K. Gilmour	527	21.51	118	+1	+15	1.60	27th July.	
Rae's Junction	F. Milne	33.74	166	..	..	..	1.33	27th July.
Wilden Settlement, Heriot	A. J. Hodgkin	29.61	184	..	..	..	1.03	23rd January.
Deep Stream	A. E. Proctor	1,200	21.74	129	..	..	1.11	12th June.
Monowai	A. Walker	560	35.31	128	-10	+13	1.12	22nd June.	
Dunedin	Miss D. K. Long	300	32.68	162	-3	+2	2.35	20th June.	
Portobello (Hatchery)	W. Adams	50	29.09	160	+1	+7	1.45	24th July.	
Ross Creek, Woodhaugh	L. Fraser	375	32.61	168	-9	-5	1.45	20th June.	
Cape Saunders Lighthouse	Principal Keeper	..	31.58	169	..	..	1.35	5th July.
Taiaroa Heads	A. R. Ness	250	26.74	155	..	..	1.84	26th June.
Wendon	Alex McKay	425	34.22	135	-6	+4	1.20	16th January.	
Burnside	P. W. Piper	142	25.74	117	-6	-43	1.34	21st June.	
Musselburgh	W. Jacobsen	5	21.73	144	-11	-17	1.83	20th June.	
Dipton	R. MacLachlan	..	32.77	75	+1	-38	1.64	24th July.	
Lawrence	Postmaster	400	27.59	168	0	+17	1.00	17th January.	
Tapanui	D. J. Buchanan	550	48.12	148	+8	-18	1.72	26th July.	
Milton	Rev. A. J. T. Fraser	30	29.41	152	..	..	1.12	26th July.
Otautau	J. G. C. Baker	130	46.19	182	0	+12	2.81	16th January.	
Winton	Experimental Station	135	39.86	176	+2	+28	1.59	17th January.	
Clinton	Police-station	..	41.41	..	-6	..	3.20	16th January.	
Pebble Hills Plantation	State Forest Service	..	40.67	189	..	..	1.69	16th January.
Balclutha	Postmaster	20	29.30	126	+4	+1	1.03	16th January.	
Riverton	Postmaster	60	41.30	157	..	..	1.61	29th August.
Redan, Wyndham	Mrs. W. Hunter	..	42.97	156	+3	+2	1.47	16th January.	
Roslin Estate, Woodlands	J. D. Trotter	112	43.39	190	0	-6	1.53	16th January.	
Invercargill	L. Lennie	12	45.64	216	+1	+20	1.30	7th December.	
"Fernhill," Mokoreta	Mrs. N. H. Jeffries	360	55.45	..	..	..	3.07	16th January.
Nugget Point Lighthouse	Principal Keeper	423	33.88	208	0	+54	1.71	16th November.	
Kapuka	Miss J. MacPherson	..	52.95	..	..	..	2.00	9th August.
Owaka	Postmaster	120	39.61	162	+3	0	2.40	16th January.	
Centre Island Lighthouse	Principal Keeper	248	43.91	203	-3	+23	1.24	6th December.	
Tahakopa	A. H. Skey	96	64.44	213	+9	-2	4.19	16th January.	
Quarry Hills, Waikawa	J. H. Buckingham	250	59.35	173	..	..	2.70	16th January.
"Dun Ian," Waimahaka	I. A. Stirling	240	41.30	167	-3	-15	1.81	7th December.	
Awarua-Radio	Superintendent	32	43.65	184	-1	-11	1.70	7th December.	
Bluff Signal Station	D. E. S. Mason	860	51.03	200	+7	-14	3.00	16th January.	
Bluff Reservoir	D. E. S. Mason	310	44.35	204	..	..	2.12	7th December.
Dog Island Lighthouse	Principal Keeper	..	43.78	187	..	..	1.43	7th December.
Waipapapa Point Lighthouse	Principal Keeper	..	44.38	134	..	..	1.73	17th January and 25th July.
Half-Moon Bay, Stewart Island.	Thos. Bragg	80	62.29	210	+3	-11	2.90	17th February.	
ISLANDS.									
Chatham Islands	Superintendent, Radio-station	150	35.37	219	+2	+66	2.47	23rd January.	
Niue Island	J. P. McMahon-Box	65	90.33	190	+11	+38	3.92	16th November.	
Avarua, Rarotonga	H. Williams	20	121.21	115	+40	-61	8.52	19th March.	
Rarotonga-Radio	Superintendent	15	108.65	205	..	..	7.20	19th March.
Kermadecs (Sunday Island)	E. N. Creelman	..	59.42	207	..	..	..	..
Danger Island	G. Henry	..	88.25	213	-34	-23	4.58	4th June.	