

ANNUAL RAINFALL, 1938—continued.

Station.	Observer.	Altitude.	Total Fall.		Number of Days.	Deviation from Normal.		Greatest Fall in Twenty-four Hours.	
			Ft.	In.		Total Fall.	Number of Days.	Amount.	Date.
Mangapurua ..	F. C. Bettjeman	600	67.48	203	..	..	2.08	8th January.
Cape Egmont Lighthouse ..	Principal Keeper	12	68.82	..	+17	..	5.77	23rd January.	
Dawson Falls ..	E. Kirk Johnson	3,100	232.06	230	..	..	9.07	13th April.
Stratford ..	A. W. Burrell	1,012	81.51	198	+2	+24	3.01	10th June.	
Ohakune ..	F. Woodward ..	..	57.11	184	+1	+5	4.40	24th January.
Raetihi ..	E. C. Davies ..	1,685	63.41	198	..	+28	2.97	24th January.	
Riverlea ..	Marc Voullaire	800	63.38	207	-1	+28	3.57	24th January.	
Opunake ..	O. W. Williams	80	59.14	185	+11	+7	3.52	23rd January.	
Waiouru ..	A. Peters ..	2,500	49.41	148	+4	+4	2.29	24th January.	
Pipiriki ..	J. Young ..	80	61.49	163	..	..	4.28	24th January.
Karioi ..	L. H. Bailey ..	2,125	57.98	184	+14	+19	2.88	12th January and 2nd July.	
Mangaohane Station ..	F. Booth ..	2,500	48.72	134	+8	-11	3.25	24th April.	
Hautapu, Hihitahi ..	L. E. Deacon ..	2,500	45.99	179	..	..	2.50	24th January.
Hawera ..	L. A. Taylor ..	343	45.16	155	-1	-5	1.81	24th January.	
Ohawe, Hawera ..	H. Livingston ..	200	42.98	135	+1	-16	1.81	24th January.	
"Hiwira," Raketapauma ..	H. C. Speedy ..	1,831	41.51	164	+7	+10	2.11	24th January.	
Taihape ..	A. R. Fannin ..	2,080	40.37	173	+3	-7	1.63	20th February.	
Kakaramea Hydro ..	R. Chisnall ..	70	51.79	163	+9	+33	4.32	24th January.	
Waitahinga ..	C. F. Earles ..	1,300	76.39	193	+21	+25	5.13	24th January.	
Patea ..	Rev. W. H. Walton	300	53.14	189	+9	+34	3.94	24th January.	
Waverley ..	S. Harden ..	..	44.22	130	+4	+19	2.03	24th January.
Wanganui ..	City Council ..	72	40.88	168	+5	..	1.75	24th January.	
Okoia ..	F. Pratt ..	500	48.15	176	+10	+19	2.22	15th April.	
Hunterville ..	R. Dukeson ..	876	56.44	148	+12	-5	3.33	15th April.	
Dalvey, Turakina ..	H. Y. Lethbridge	58	45.29	167	+8	+20	2.06	8th September.	
Marton ..	E. J. Wilde ..	500	49.85	..	+10	..	..	..
Komako ..	G. M. Arbon ..	600	53.97	108	0	-40	4.50	24th January.	
Waitatapia, Bulls ..	K. W. Dalrymple	30	39.52	150	+5	+5	1.65	8th September.	
Feilding ..	Frank Mason ..	235	45.03	159	+9	-1	1.66	8th September.	
Flock House, Bulls ..	A. R. Hadfield ..	..	38.26	127	+4	+17	1.60	8th September.
Tangimoana ..	State Forest Service	8	39.55	160	+6	+23	1.58	20th December.	
Glen Oroua ..	Mrs. N. S. Sanson	63	39.34	95	+3	-22	1.57	8th September.	
Kairanga ..	L. B. Wall ..	51	41.11	138	+7	+24	2.47	4th April.	
Palmerston North ..	E. J. Werry ..	100	40.69	164	+4	+10	1.75	8th September.	
Massey College, Palmerston N.	Meteorological Observer	110	41.13	176	+1	+2	1.80	8th September.	
"Atawhai," Palmerston N.	B. E. Keiller ..	50	42.47	171	..	..	1.92	8th September.
Turitea Waterworks ..	P. C. Toms ..	272	52.40	174	+6	+7	1.83	8th September.	
Foxton ..	Postmaster ..	10	41.60	145	+9	+35	1.69	8th September.	
Arapeti ..	G. H. G. Carter	1,190	108.66	..	+23	..	..	..
Mangahao (Lower) ..	G. H. G. Carter	1,142	135.95	..	+29	..	..	..
Mangahao (Upper) ..	G. H. G. Carter	1,227	145.24	254	+26	+38	4.22	9th December.	
Mangaore ..	A. R. Blackwood	360	53.25	184	-5	+2	2.05	31st October.	
Weraroa ..	E. W. Pickering	..	48.36	146	..	..	1.95	31st October.
Otaki ..	W. Burns - Smith and W. H. Wills	45	44.79	..	+5	..	2.44	3rd July.	
Paraparaumu ..	O. T. Parish ..	..	43.79	129	..	..	1.85	11th December.
Plimmerton ..	Postmaster ..	10	44.80	120	..	..	1.70	4th December.
Kapiti Island ..	R. J. Wilkinson	40	49.04	160	+8	+10	1.97	24th December.	
Wallaceville ..	R. R. Russell ..	191	48.91	..	-6	..	2.24	11th December.	
Trentham ..	J. S. Hines ..	172	48.01	164	..	..	2.33	11th December.
Lower Hutt ..	N. H. Meldrum	21	51.43	147	+2	-8	3.57	11th December.	
Waiwetu, Lower Hutt ..	H. M. Hayward	40	56.76	146	+11	+11	3.38	11th December.	
Wainui-o-mata Reservoir ..	J. H. Smith ..	411	90.87	181	+17	+24	4.89	22nd June.	
Wellington ..	Meteorological Observer	415	58.20	171	+16	+17	2.41	18th August.	
Karori Reservoir ..	Thos. Chatterton	464	62.10	177	+16	+15	2.70	23rd January.	
Beacon Hill, Seatoun ..	L. S. Whiteman	433	40.29	158	..	..	2.37	18th August.
Brooklyn Reservoir ..	Thos. Stewart	735	69.30	171	+23	+15	3.30	16th February.	
Farewell Spit Lighthouse ..	Principal Keeper	14	58.69	136	+14	+20	2.33	2nd December.	
Kaihoka ..	J. B. Shankland	100	83.39	187	..	..	3.65	23rd January.
Collingwood ..	Chas. Scrimgeour	10	99.10	157	+3	+4	4.15	4th February.	
Kahurangi Point Lighthouse ..	Principal Keeper	..	93.19	199	..	..	4.23	31st October.
Bainham ..	Mrs. G. Polglase	260	148.28	172	+13	+39	4.50	11th December.	
Tarakohi, Golden Bay ..	Works Manager	0	66.77	145	..	..	2.68	2nd December.
Takaka ..	Power Board Engineer	150	133.77	121	..	..	4.90	3rd December.
"Asbestos Cottage," Upper Takaka River	H. F. Chaffey ..	2,700	104.55	193	+12	+9	4.52	28th August.	
Karamea ..	Asst. Engineer, P.W.D.	10	85.62	193	+12	+10	1.99	13th September.	
Corbyvale ..	G. P. Gough, P.W.D.	810	141.85	159	..	..	3.41	20th March.
Twynham, Station Creek ..	A. Burt ..	1,375	65.43	160	+7	+9	2.17	18th March.	
Westport (Signal Station) ..	Signalman ..	10	98.24	193	..	..	4.17	18th March.
Westport (P.W.D.) ..	Assistant Engineer	13	113.39	204	+16	+16	5.18	18th March.	
Gowan ..	Mrs. M. Skillen	1,350	74.69	168	0	+15	2.24	18th March.	
Lake Rotoiti ..	H. Fitzsimmons	1,997	64.35	176	..	..	2.25	18th March.
Murchison ..	E. M. Brown ..	650	80.26	170	..	..	2.90	18th March.
Tiriroa, Buller Gorge ..	Assistant Engineer	157	211.46	205	+52	+22	5.65	2nd December.	
Tirimoana ..	I. S. Price ..	60	112.76	188	..	..	4.12	2nd December.
Rewanui ..	J. Sharp ..	1,300	192.39	215	..	+4	5.25	13th April.	
Greymouth ..	Harbourmaster	11	121.70	210	+20	+32	4.40	13th April.	
Kaimata, Arnold River ..	L. Neubauer ..	245	135.57	206	..	..	3.94	13th April.