days. Apart from rain in the south-west, fair conditions prevailed until the 23rd when rain commenced in Taranaki. One of the centres of the approaching disturbance developed into a small but active cyclone, which produced general rain over the North Island as well as Nelson and Marlborough. Heavy falls in the King-country and Taranaki were followed by severe floods and slips, while the dry spell was broken in Poverty Bay. The weather improved following the rapid passage of the cyclone, but by the 26th the situation had reverted to the westerly type with vigorous depressions crossing New Zealand, the rain being confined mainly to Otago and Westland. Strong northerly to westerly winds prevailed and many gales were experienced on the 27th and 28th. Showery weather continued south of Taranaki and heavy falls occurred in the Southern Alps. At the close of the month mist and fog were widespread.

M. A. F. BARNETT, Director.

CLIMATOLOGICAL TABLE.

Summary of the Records of Temperature, Rainfall, and Sunshine for February, 1940.

Station.	Height of Station above M.S.L.	Air Temperatures in Degrees (Fahrenheit). Means of A Max.	Means of B Min.	Mean of A and B.	Difference from Normal.	Absolute Maximum and Minimum. Maximum.	Date.	Minimum.	Date.	Rainfall in Inches. Total Fall.	No. of Wet Days.	Difference from Normal.	Most in a Day. Amount.	Date.	Bright Sunshine (Hours).
	Ft.	°F.	°F.	°F.	°F.	°F.		°F.		In.			In.		
Te Paki, Te Hapua ..	200	71·1	58·3	64·7	(−0·2)	75·0	27	50·0	2, 12, 27	1·93	11	..	0·76	2	224·7
"Ramote," Kerikeri ..	400	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Waipoua State Forest..	225	71·6	56·0	63·8	−0·1	81·0	29	47·0	13	5·28	11	..	2·15	24	209·9
Riverhead	105	70·4	54·4	62·4	−0·5	79·0	29	41·5	20	3·61	16	..	0·86	24	..
Auckland	160	71·4	58·9	65·2	−1·5	81·0	29	50·4	11	3·48	16	−0·09	1·31	24	213·7
Maioro	172	68·9	57·1	63·0	..	75·3	23	48·4	20	5·31	13	..	1·55	24	..
Waihi	404	70·5	54·7	62·6	−1·8	79·0	29	47·0	11	4·83	12	−0·41	1·50	24	222·0
Wharekawa Nursery, Whangamata	50	73·3	54·8	64·0	(−1·4)	82·5	29	45·0	11, 20	3·56	13	..	1·66	24	..
Te Aroha	46	73·1	56·2	64·6	−1·5	82·0	24	45·0	20	3·47	12	+0·16	0·85	3	..
Tauranga	100	72·1	54·4	63·2	−1·7	80·1	29	44·0	11	4·06	9	+0·28	2·10	24	213·5
Ruakura Farm, Hamilton	131	70·1	52·5	61·3	−2·8	77·9	29	40·8	26	4·59	15	+1·65	1·23	24	183·8
Rotoehu Plantation ..	235	71·7	50·7	61·2	(−1·4)	82·2	21	36·0	15	6·36	11	..	3·44	24	..
Rotorua	931	71·4	52·9	62·2	−1·3	81·3	21, 29	41·0	15	5·25	10	+1·41	2·43	24	195·8
Whakarewarewa ..	1,000	71·4	51·3	61·4	−1·2	80·2	29	40·0	11, 15	5·22	10	+1·83	2·58	24	..
Gisborne	25	78·1	53·6	65·8	(+1·2)	90·0	17	42·2	2	1·25	4	..	0·85	24	257·3
Onepoto, Lake Waikaremoana	2,110	66·1	51·4	58·8	−1·1	75·0	19	41·9	11	3·50	10	..	2·25	24	..
New Plymouth ..	190	65·3	54·8	60·0	−3·1	70·3	23	42·1	11	12·24	20	+8·30	3·58	24	157·2
Chateau Tongariro ..	3,670	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dawson Falls ..	3,100	..	..	..	..	..	..	..	..	37·99	21	..	3·81	7	..
Karioi	2,125	63·5	45·7	54·6	−2·1	76·3	24	32·5	15	10·74	18	..	4·12	24	..
Napier	5	76·9	57·5	67·2	+2·0	88·2	29	45·7	15	2·89	6	+0·43	2·42	25	262·1
Hastings	45	77·9	54·1	66·0	+1·5	91·0	29	41·0	2	2·88	5	..	2·19	24	..
Taihape	2,157	63·9	48·7	56·3	−2·7	77·6	23	40·6	11	6·37	19	+3·94	3·17	24	..
Wanganui	72	68·7	56·0	62·4	(−1·5)	79·2	29	47·7	15	5·09	17	..	1·29	24	202·7
Tangimoana ..	8	67·5	55·1	61·3	−1·8	77·0	23	42·0	15	4·83	18	+2·42	0·99	29	..
Palmerston North ..	100	67·7	53·3	60·5	−2·7	81·0	23	40·0	15	3·97	21	+1·79	0·90	24	..
Massey College, P.N. ..	110	66·9	53·4	60·2	−2·4	78·2	23	40·5	15	4·73	21	(+2·37)	0·90	29	172·3
Pahiatua	384	67·0	53·8	60·4	−2·0	78·0	23	38·0	15	6·41	23	(+3·62)	0·89	7	..
Kapiti Island ..	44	65·3	56·2	60·8	−1·2	72·0	23	46·0	15	4·30	14	+1·74	0·89	24	..
Masterton	387	73·1	52·2	62·6	+0·0	86·6	23	36·8	15	1·85	15	−0·93	0·46	24	243·2
Wallaceville	195	67·3	53·2	60·2	..	74·1	23	35·6	15	4·16	15	..	1·10	10	227·9
Wellington	415	66·8	54·3	60·6	−0·6	75·7	18	42·8	15	3·27	9	(+0·52)	1·19	10	224·5
Nelson	24	69·3	50·4	59·8	−3·1	78·3	20	38·8	11	3·55	12	+0·92	1·15	23	234·4
Appleby, Nelson ..	57	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Blenheim	30	74·9	52·3	63·6	(−0·5)	88·2	17	37·2	11	2·07	11	+0·21	0·64	2	270·6
Golden Downs ..	900	65·7	46·6	56·2	−3·3	75·0	17	34·5	11	5·84	17	..	1·32	27	..
Waihopai	860	69·7	49·0	59·4	−2·2	79·9	23, 29	36·2	15	3·07	14	..	0·83	2	..
Westport	23	61·0	50·5	55·8	(−4·6)	68·0	25	44·0	22	12·90	26	..	2·85	23	130·4
Hanmer Springs ..	1,225	67·9	48·0	58·0	−1·3	81·1	23	32·2	11	4·25	16	+0·99	0·79	17	211·1
Balmoral	743	69·9	48·2	59·0	−1·9	82·5	23	32·0	15	3·33	13	..	0·73	14	..
Hokitika	12	61·2	48·2	54·7	−5·3	65·0	5, 22	39·5	11	19·33	24	+12·11	2·58	28	120·4
Lake Coleridge ..	1,220	66·5	48·0	57·2	−2·9	79·0	23	34·5	11	5·25	14	+3·55	1·37	28	..
Darfield	640	71·4	46·5	59·0	(−2·2)	88·8	23	34·3	11	1·53	8	..	0·47	10	..
Christchurch ..	22	69·7	50·2	60·0	−0·8	86·9	23	38·7	15	0·94	9	−0·62	0·35	17	217·8
Wigram Aerodrome, Sockburn	74	70·8	49·7	60·2	(−0·4)	87·3	23	38·2	11	1·00	9	..	0·30	17	..
Rudstone, Methven ..	1,217	66·0	47·4	56·7	−2·5	79·3	23	38·6	16	3·02	14	+0·08	1·16	28	216·9
Lincoln	36	70·5	47·8	59·2	−2·2	87·0	23	36·5	15	1·50	8	−0·08	0·55	10	226·5
Akaroa (Onawe, Duvauchelle's Bay) ..	150	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hermitage, Mount Cook	2,510	58·8	41·9	50·4	(−5·7)	76·0	16	31·9	11	37·81	22	+27·89	11·65	29	108·2
Ashburton	323	69·8	47·8	58·8	−1·2	84·8	23	36·4	16	1·68	14	−0·44	0·70	28	196·2
Lake Tekapo ..	2,350	63·8	44·8	54·3	−2·8	73·3	16	35·2	15	3·77	10	..	1·95	28	214·3
Jacksons Bay ..	22	59·0	47·9	53·4	(−5·6)	63·6	5	41·6	14	26·34	25	..	3·07	23	..
Fairlie	1,000	68·9	43·9	56·4	−2·2	86·0	23	30·0	11	2·84	13	..	1·69	28	186·5
Timaru	56	70·1	49·4	59·8	−0·5	79·8	27	37·4	11	2·23	12	+0·44	1·18	28	188·2
Waimate	200	68·7	47·9	58·3	−1·1	80·1	27	38·0	11	2·39	13	+0·39	0·97	28	164·6
Milford Sound ..	20	58·4	45·2	51·8	(−4·9)	66·6	5	37·5	26	47·00	26	..	7·24	6	..
Queenstown	1,110	63·8	46·2	55·0	−5·2	73·4	16	34·2	25	6·82	18	+4·85	0·87	25	201·4
Ophir	1,000	66·9	43·4	55·2	−5·0	78·9	23	32·0	1	2·18	13	+0·88	0·74	28	..
Waipiata	1,550	63·7	43·5	53·6	−4·6	82·0	23	34·6	1, 12	2·99	19	..	0·80	28	191·2
Alexandra	520	68·4	47·0	57·7	−3·9	84·2	23	36·8	12	2·18	14	+1·06	0·65	28	211·9
Manorburn Dam ..	2,448	58·9	39·0	49·0	−5·0	73·0	23	28·8	1	3·04	17	+1·32	0·85	6	..
Dunedin	240	64·4	48·3	56·4	−2·0	74·7	27	40·5	12	4·83	18	+2·12	1·44	6	185·0
Gore	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill	12	62·1	46·9	54·5	−2·8	74·0	23	41·0	14, 27	12·12	24	+8·94	2·18	13	146·4

NOTE.—At stations where departures from normal are in parentheses the record has been maintained for less than ten years in the case of temperatures and for less than twenty years in the case of rainfall, and the normals are partly interpolated.