

Climate Database Statistics Report

July 2023

A report of monthly climate data and differences from normal: current observations, late returns and corrections

	Summ				*J = ****F		,	,				y 2023			
	Height				Air Temp	eratur	е								
Station	of Station Above	Mea	ans of	Mean of A	Differ-	Abs	olute M	lax and	d Min	Total	No. of	Differ-	Μ	ax	Bright Sun- shine
	M.S.L.	A Max	B Min	and B	ence From Normal	Max	Date	Min	Date	Fall	Rain Days	ence From Normal	Fall	Date	Sillie
Con a Dainera AWC	Metres	°C	°C	°C	°C	°C	C	°C	1	mm	0.0	mm	mm	90	Hrs
Cape Reinga AWS Kaitaia Aero EWS	213 80	$14.7 \\ 15.8$	$10.6 \\ 9.7$	$12.7 \\ 12.8$	$+0.1 \\ +0.6$	$16.1 \\ 17.0$	$\frac{6}{7}$	$8.4 \\ 2.5$	$\frac{1}{29}$	$\frac{123}{140}$	$\frac{26}{24}$	-12	$\frac{53}{42}$	20 20	
Kaitaia Airport AWS	77	15.9	9.7	12.8		17.0	6	2.0	29	160	26		46	20	
Kaitaia EWS	85	16.1	10.3	13.2	+1.2	19.2	7	3.8	29	149	27	-19	41	20	149
Kerikeri EWS Kerikeri Aerodrome A	79 w 149	$16.7 \\ 15.7$	$7.9 \\ 8.2$	$12.3 \\ 12.0$	$+0.6 \\ +0.8$	$18.8 \\ 17.7$	15 15	$\frac{2.3}{4.2}$	31 30	$\frac{113}{142}$	$\begin{array}{c} 17 \\ 25 \end{array}$	-75 -85	43 50	20 20	• •
Kaikohe AWS	w 143 204	14.4	8.9	12.0 11.7	+0.3 +0.4	16.0	6	5.0	31	192	28	-30	57	20	
Trounson CWS	244	13.8	8.4	11.1	+0.8	15.6	31	3.0	30	192	30	-46	28	20	
Dargaville 2 EWS	66	15.4	10.0	12.7	+1.2	16.7	8	6.3	29	102	23	-46	15	7	122
Purerua AWS	87	16.6	8.9	12.8	+0.6	18.6	15	5.5	30	81	26	-39	27	7	• •
Russell CWS Whangarei Aero AWS	15 38	$16.2 \\ 15.7$	$6.7 \\ 9.4$	$11.5 \\ 12.6$	+0.8	$17.9 \\ 17.7$	15 8	$\frac{1.5}{3.2}$	29 29	$97 \\ 104$	$\frac{22}{24}$	-80 -70	$\frac{33}{27}$	20 20	
Whangarei EWS	12	16.3	8.2	12.3	+1.0	18.1	8	1.6	29	79	22		20	20	143
Mokohinau Island AW	S 70	15.0	11.9	13.5	+0.3	16.1	15	7.9	27	87	20	-37	39	20	
Leigh 2 EWS	27	16.5	10.5	13.5		18.0	8	7.1	27	114	22	-16	33	20	• •
Warkworth EWS Whangaparaoa AWS	72 100	$15.2 \\ 15.4$	$7.6 \\ 9.6$	$11.4 \\ 12.5$	+1.0	17.2	8 8	$0.8 \\ 6.5$	29 27	$\frac{163}{105}$	26 26	-13 +5	43 36	20 20	• •
Tiri Tiri Lighthouse	100 76	$13.4 \\ 14.9$	8.6	11.8	+0.7 -0.1	$17.3 \\ 16.9$	16	5.4	27	84	30	+3 -20	33	20	
Auckland, Whenuapai		15.3	8.3	11.8	+1.3	17.0	16	1.0	29	158	25		54	20	
Auckland, North Shore	e 64	15.7	8.5	12.1	+1.5	17.5	16	2.2	29	123	25	-22	49	20	
Auckland, Motat EWS		15.9	8.7	12.3		18.0	16	2.1	29	158	23		66	20	133
Manukau Heads EWS	240	13.2	9.5	11.4		14.6	16	6.4	27	133	24 23	 27	37	20	124
Whitianga Aero AWS Whitianga EWS	5 1	$15.6 \\ 16.2$	8.2 8.1	$11.9 \\ 12.2$	$+1.4 \\ +1.6$	$17.5 \\ 18.3$	15 19	$0.0 \\ 0.3$	29 29	$\frac{203}{189}$	23 16	-27 	98 98	20 20	• •
Thames EWS	3	15.4	7.8	11.6	+1.0	17.4	16	1.9	29	89	14		40	20	
Matamata, Hinuera EV	WS 85	14.1	4.6	9.4	+1.0	16.6	16	-2.5	29	46	13	-52	14	7	
Tauranga CWS	3	16.1	8.1	12.1											
Tauranga Aero AWS	2	15.7	8.1	11.9	+1.4	17.4	1.0	2.9	27		1.0		٠.		• •
Te Puke EWS Whakatane Aero AWS	123 8	$15.0 \\ 15.5$	$6.6 \\ 4.6$	$10.8 \\ 10.1$	$+1.0 \\ +0.8$	$17.4 \\ 17.9$	$\frac{16}{15}$	0.4 -0.9	$\frac{29}{27}$	88 57	13 16	-80 -79	$\frac{45}{25}$	7 7	
Whakatane Sunshine	7	10.0	1.0												176
Whakatane EWS	1	16.1	5.1	10.6		18.8	15	0.1	27	47	7		18	7	
Mamaku Radar WXT		9.0	4.8	6.9	+0.2										
Kawerau AWS	42 288	15.8	4.1	10.0	+0.6	18.3	11 15	-2.2	$\frac{27}{27}$	 16	19	• •	1.4		155
Rotorua EWS Rotorua Aero AWS	286	$13.1 \\ 12.7$	$\frac{4.8}{4.4}$	$9.0 \\ 8.6$	+0.8	$15.3 \\ 14.5$	15 15	-2.4 -2.6	$\frac{27}{27}$	$\frac{46}{45}$	12 11	-92	$\frac{14}{13}$	8 7	154
Galatea AWS	175	13.7	2.0	7.9	+0.7	15.8	15	-3.8	30	41	20		13	9	
Taupo CWS	360	13.5	4.9	9.2											
Tarapounamu EWS	701	8.0	2.2	5.1	-0.3	11.3	15	-2.5	27	74	21	-89	17	3	
Taupo Aero AWS Motu EWS	402 488	$12.0 \\ 12.4$	$\frac{4.0}{1.4}$	$8.0 \\ 6.9$	+1.2 +0.5	$14.0 \\ 16.5$	$\frac{15}{15}$	-3.6 -4.5	29 31	66 91	$\frac{17}{13}$	-34 -106	$\frac{17}{45}$	$\frac{9}{21}$	• •
Auckland, Mangere 2 l		15.5	9.2	12.4	+0.5 	17.7	16	$\frac{-4.5}{2.7}$	29	104	22	-35	35	20	 137
Auckland Aero	7	15.2	9.1	12.2	+1.0	17.4	16	3.2	29	98	27	-39	30	20	
Auckland Aero Backup		15.2	9.2	12.2	+1.1	17.4	16	3.8	29	96	27		29	20	
Ardmore Aero AWS	41	15.3	7.6	11.5		17.0	14	1.0	27						
Pukekohe EWS Firth Of Thames EWS	88	$14.5 \\ 15.4$	$7.7 \\ 6.1$	$11.1 \\ 10.8$	+0.6 +1.2	$16.2 \\ 17.6$	16 16	$\frac{1.4}{-0.7}$	27 29	96 48	23 16	-51 -64	13 7	$\frac{1}{3}$	 124
Hamilton, Ruakura 2 I		15.4 15.3	6.3	10.8	+1.2 +1.8	16.8	14	-1.3	29	45	14	-04 -79	11	7	124 129
Hamilton Aero AWS	53	14.6	5.5	10.1	+1.2	16.5	15	-2.6	29	47	19	-92	9	7	
Lake Karapiro CWS	55	14.6	7.3	11.0	+1.4	17.0	16	1.6	29	37	16	-87	6	1	• •
Port Taharoa AWS	18	14.6	9.9	12.3	+1.1	16.4	19	4.2	23	104	25	-33	16	31	
Awakino EWS Waikeria EWS	$\frac{400}{37}$	$11.1 \\ 14.8$	$6.5 \\ 4.4$	$8.8 \\ 9.6$		$12.7 \\ 17.1$	24 16	3.4 -2.7	22 29	$\frac{128}{45}$	28 16	-64 -77	13 7	3 8	120
Te Kuiti EWS	61	14.8	4.4	9.0	+1.3	$17.1 \\ 17.4$	16	-2.1 -1.3	29	69	18	-105	19	1	106
Pureora Forest CWS	549	10.2	3.8	7.0	+1.2	12.3	22	-3.3	29	77	19	-70	15	1	
Taumarunui EWS	170	13.8	3.5	8.7	+1.2	16.2	15	-1.7	27	87	27	-70	17	1	
Taumarunui AWS	186	13.5	3.2	8.4	+0.9	15.9	15	-2.5	27	84	24		14	1	92
Turangi 2 EWS New Plymouth Aero A	360 WS 28	 14.4	$\frac{3.1}{7.6}$	11.0	+1.3	16.2	 16	$-4.9 \\ 0.7$	29 29	98 89	$\frac{13}{25}$	-56 -52	$\frac{21}{17}$	3 1	 155
Lower Retaruke CWS	233	12.6	4.1	8.4	+0.8	15.2 15.2	8	-0.9	29	94	23	-60	15	3	
Mt Ruapehu, Chateau		6.2													
Pahiatua EWS	110	12.9	4.0	8.5	+1.0	16.8	20	-2.6	7	93	23		11	9	
Masterton Aero AWS	105	13.7	2.4	8.1	+0.6	18.3	18	-2.1	7	118	22	• •	25	9	• •

Station		Samin		uic i		of 1emp			injuu	ини Б	шизии	ic Jui	-			
Station					, 	Air Temp	erature	e					Rainfall			D. L.
Maketron EWS	Station	Station	Mea	ns of			Abs	olute M	ax and	l Min	Total		· I	М	ax	Sun-
Masterton, EVS		M.S.L.	l	l		From	Max	Date	Min	Date		Rain	From	Fall	Date	
Masterton, Te Ore Oro 110	Mantantan EWC							15		2		200			0	
Takapan Plasina WS																
Cape Turnagain AWS	· · · · · · · · · · · · · · · · · · ·															
Aktice EWS													-21			90
Casalepoint AWS																
Baring Head 79																
Te Wharan, Brackenfie 292 12.3 3.4 7.9 +0.4 16.9 14 -0.7 3 220 16 +18 53 8 1.0 Martinborough EWS 20 14.1 36 8.9 +0.8 17.5 18 17.5 18 -1.1 30 76 15 -1.1 9 27 109 Ngawi AWS 8 14.2 8.5 11.4 +0.9 18.8 14 4.9 30 11.7 19 +3 33 23 Clisborne Aero AWS 5 15.3 5.7 10.5 +0.6 18.4 14 1.4 7 133 13 +5 36 21 15.1 Clisborne Aero AWS 15 15.4 4.9 10.2 +0.1 18.6 15.0 9 31 11.8 13 -1-5 36 21 15.1 Clisborne Aero AWS 15 15.4 4.9 10.2 +0.1 18.6 15.0 9 31 11.8 13 -1-5 36 21 15.1 Clisborne Aero AWS 15 15.1 4.9 11.2 +0.2 11.7 8 16 -0.5 27 15.0 16 +5 48 21 Martin Aero AWS 15 15.1 4.9 11.2 +0.1 17.8 16 -0.5 27 15.0 16 +5 48 21 Napier Aero AWS 3 15.2 4.8 10.0 +0.7 18.4 14 -1.6 31 69 16 -28 26 9 Napier Aero AWS 15 15.1 10.5 19.5 16 0.0 31 70 12 -35 30 9 Marackalaho CWS 15 15.1 3.3 9.3 +1.1 15.5 16.0 10 15.1 3.5 9.3 +1.1 15.5 16.0 10 15.1 3.5 9.3 +1.1 15.5 16.1 15.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5																
Ngawi AWS	Te Wharau, Brackenfie		12.3					14								
Hicks Bay AWS 46 15.1 8.5 11.8 +0.4 17.8 15 66 11 1 -94 14 7 67 15 61 65 0 -07 10.5 +0.6 18.4 14 7 133 13 + 0.4 14 7 13 15 15 66 15 19 15 15 65 15 19 15 15 18																
Gisborne Aero AWS 5 15.3 5.7 10.5 +0.6 18.4 14 1.4 7 133 13 +5 36 21 151 (shorne EWS 12 15.4 4.9 10.2 +0.1 18.6 15 0.9 31 118 13 -1 36 21 170 (shorne EWS 12 15.4 4.9 10.2 +0.1 18.6 15 0.9 31 118 13 -1 36 21 170 (shorne EWS 15 15.1 6.9 11.0 +0.8 1	~															
Gisborne EWS 12 15 4.4 4.9 10.2 +0.1 18.6 15 0.9 31 118 13 -1 0.0 10 11.0 +0.1 18.6 15 0.9 31 118 13 -1 0.0 10 11.0 +0.1 18.6 15 0.9 31 118 13 -1 0.0 10 11.0 +0.1 18.6 16 0.0 10 11.0 +0.1 18.6 16 0.0 10 11.0 +0.1 18.6 16 0.0 10 11.0 +0.1 18.6 16 0.0 10 10 11.0 +0.1 18.6 16 0.0 10 11.0 +0.1 18.6 16 0.0 10 11.0 +0.1 18.6 16 0.0 10 11.0 +0.1 18.6 16 0.0 10 11.0 +0.1 18.6 16 0.0 10 11.0 +0.1 18.6 16 0.0 13 1 70 12 0.3 10 0.0 0.0 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.6	v															
Truting CWS Napier Aero AWS Napier Aero AWS Napier EWS																
Napier Acro AWS	Tolaga Bay WXT AW	S 15	15.1	6.9	11.0	+0.8										
Mapele EWS																
Maracelachaho GWS	_															
Hastings AWS	-															
Waleau EWS																
Wairoa, North Clyde E 15 16.1 4.8 10.5 +1.0 21.1 18 0.8 31 101 17 -22 36 21 Mahia Radar WXT AWS 419 10.7 6.9 8.8 +0.4	_															
Walria Aero AWS 13 15.0 4.2 9.6 +-0.9 18.6 14 -0.1 31 109 21 31 21 Mahia AWS 136 13.2 8.2 10.7 +0.4 16.2 14 3.6 3 2.11 20 +67 53 8 Cape Kidnappers WXT A 113 14.2 8.8 11.5 +1.1 17.8 16 4.0 3	-															153
Mahia Radar WXT AWS 419 10.7 6.9 8.8 +0.4 1.7. 14 -0.4 0.0 1.7. 46 15 1.4 9.0 1.7.4 14 0.1 17.4 14 0.1 1.7.4 14 0.1 1.6 1.2 1.4 0.0 7 4.6 1.5 4.4 9.9 1.7. 1.4 0.1 2.2 1.0 1.0 7.6 6 1.2 1.0 1.2 1.0 1.2 1.0																
Mahia AWS 136 13.2 8.2 10.7 +0.4 16.2 14 3.6 3 211 20 +67 53 8 Cape Kidnappers WXT A 113 14.2 8.8 11.5 +1.1 17.8 16 4.0 3 1.2 140 140 -0.0 7 54 18 -50 15 9 140 140 -0.0 7 54 18 -60 16 9 140 0.0 7 54 14 -40 16 9 140 0.0 7 46 15 -49 14 9 140 0.0 7 46 15 -49 14 9 142 0.0 -0.3 27 61 19 -20 17 9 142 0.0 -0.3 27 61 19 -22 13 43 19 9 <td></td>																
Paraparamm Aero S 14.2 8.8 11.5 -1.1 17.8 16 4.0 3 5.0 5.0 5.0 5.0 9.0 14.0 14 5.0 7.5 5.0 14.0 5.0 9.0 14.0 14 5.0 7.5 14 4 4.0 16 9 5.0 5.0 14.0 14 5.0 15 9 14.0 14 5.0 15 9 14.0 14 14 14 15 15 14 14 14																
Paraparamm Aero AWS																
Paraparaumm Aero EWS	Paraparaumu Aero	5		5.0	9.6	+0.6	17.2	14	-0.4		54	18	-50			140
Ohakea AWS 47 13.6 64 10.0 +0.9 15.3 16 0.3 7 64 18 17 9 Palmerston North Aero 39 13.7 60 9.9 +1.1 17.0 20 -0.3 27 61 19 -27 13 9 92 Levin AWS 15 14.4 5.2 9.8 +1.0 16.6 20 -1.0 7 60 21 -34 24 9 Levin EWS 23 14.3 49 9.9 +0.8 15.1 4 3.7 27 83 20 23 9 Porirua, Elsdon Park 7 13.7 4 9.9 +0.8 15.1 4 3.7 27 83 20 23 19 Wellington Aero 4 13.5 6.9 10.2 +0.4 17.1 4 2.2 30 85 <td>-</td> <td></td>	-															
Palmerston North Aero 39 13.7 6.0 9.9 +1.1 17.0 20 -0.7 3 65 19 -20 17 9 9.2 Palmerston North EWS 21 14.0 5.4 9.7 +0.9 16.6 20 -1.0 7 60 21 -34 24 9 9 Levin EWS 13 14.4 5.2 9.8 +1.0 16.6 18 -1.2 7 60 21 -34 24 9 Evin EWS 23 14.3 4.9 9.6 1.5 15 14 -0.7 7 60 15 1.5 14 -0.7 83 20 -1 20 9 1.35 Wellington Aero 4 13.5 6.9 9.1 -1 16.7 4 2.5 3 114 22 -33 26 23 Wellington Aero Backu 4 13.5 6.9 10.2 <	_															
Palmerston North EWS 21 14.0 5.4 9.7 4.09 16.7 20 -0.3 27 61 19 -27 13 9 92 Levin AWS 15 14.4 5.2 9.8 +1.0 16.6 20 -1.0 7 60 21 -34 24 9 Levin EWS 23 14.3 4.9 9.6 16.5 18 -1.2 7 50 15 20 9 135 Mana Island AWS 110 12.4 7.4 9.9 +0.8 15.1 4 3.7 27 83 20 23 9 Porirua, Elsdon Park 7 13.7 4.5 9.1 16.7 14 -0.7 29 94 21 20 9 135 Wellington, Kelburn A 125 12.7 6.5 9.6 +0.4 16.4 14 2.5 3 114 22 -33 26 23 Wellington Aero 4 13.5 6.9 10.2 +0.4 17.1 4 2.2 30 85 20 -2.5 26 23 Wellington Aero Backu 4 13.5 6.9 10.2 +0.4 17.1 4 2.2 30 85 20 -2.5 26 23 Upper Hutt, Trentham 50 13.4 3.1 8.3 +0.8 16.5 14 -2.5 3 97 18 -35 22 27 122 Stratford EWS 280 12.1 5.6 8.9 +1.0 16.0 16 -0.2 29 58 19 -142 8 3 98 Hawera AWS 100 13.4 7.6 10.5 +1.8 15.7 8 1.6 23 51 27 -66 12 1 Ohakune EWS 607 10.4 3.4 6.9 +1.3 15.2 8 -3.8 7 106 24 -4.3 20 25 Waiouru Aero AWS 803 7.9 2.3 5.1 11.8 20 -2.5 27 131 26 25 9 Wainami Aero AWS 14 14.4 8.0 11.2 +1.5 16.2 20 1.9 7 7 116 21 +24 18 9 Flat Hills WXT AWS 262 12.1 6.2 9.2 +1.3 15.5 8 16.5 24 2.4 28 38 19 2.5 9 Wangamui Aero AWS 14 14.4 8.0 11.2 +1.5 16.2 20 1.9 7 7 7 11 23 -13 15 9 Wangamui Aero AWS 14 14.4 8.0 11.2 +1.5 16.2 20 1.9 7 7 7 12 3 -13 15 9 Wangamui Aero AWS 15 13.3 6.7 8.7 14.5 16.5 24 24 24 28 88 8 7 10 10 13 15 9 Wangamui Aero AWS 15 13.6 13.8 12.5 14.5 16.5 24 24 24 28 1																
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Porirua, Elsdon Park 7																
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Reefton EWS 198 11.2 2.3 6.8 +1.4 15.2 20 -3.3 22 119 21 -43 18 13 86 Greymouth Aero EWS 5 13.4 5.3 9.4 +1.4 18.4 24 0.8 3 97 23 -100 13 26 117																
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			inc r		of Temp Air Temp										
Station	Height of Station	Mea	ans of	Mean	Differ-	Abs	olute M	Iax and	d Min		No.	Differ—	M	ax	Bright Sun-
	Above M.S.L.	A Max	B Min	of A and B	ence From Normal	Max	Date	Min	Date	Total Fall	of Rain Days	ence From Normal	Fall	Date	shine
L	Metres	°C	°C	°C	°C	°C		°C		mm		mm	mm		Hrs
Mahanga EWS Ivory Glacier CWS	1995 1390	-0.2 3.8	-4.7 -1.4	$-2.5 \\ 1.2$	-0.1	$\frac{4.3}{7.9}$	30 6	-11.8 -5.3	3 3	 94	20	-480	 35	 31	
Okarito EWS	1550	12.8	3.5	8.2		16.3	20	-0.3	3	100	19	-400	17	31	
Franz Josef EWS	80	13.0	2.5	7.8	+1.0	18.8	24	-1.1	3	145	17	-172	32	13	143
Lake Moeraki EWS	10	$12.4 \\ 12.6$	2.0	7.2		18.5	$\frac{24}{24}$	-1.7	$\frac{6}{2}$	207	20 23	 -83	$\frac{46}{24}$	15	
Haast AWS Milford Sound AWS	1 3	12.0 10.6	$\frac{4.3}{3.0}$	$8.5 \\ 6.8$	$+0.7 \\ +1.4$	$18.4 \\ 14.8$	$\frac{24}{23}$	-1.2 -0.7	6	$\frac{169}{362}$	$\frac{25}{21}$	-83 -106	$\frac{24}{65}$	$\frac{17}{31}$	
Milford Sound EWS	3	10.4	2.9	6.7		14.7	24	-0.5	6						
Castle Mount EWS	2000	1.1	-5.9	-2.4	+1.1	7.6	6	-11.4	2	165	18		126	23	
Secretary Island AWS Puysegur Point AWS	19 45	$12.0 \\ 11.5$	$6.9 \\ 7.1$	$9.5 \\ 9.3$	$+0.4 \\ +0.9$	$16.0 \\ 13.5$	$\frac{23}{15}$	$\frac{3.1}{3.7}$	$\frac{6}{2}$	 279	25	+82	 47	 19	• •
Stephens Island AWS	188	12.8	8.9	10.9	+0. <i>9</i>						20	T02	41		
Motueka, Riwaka EW		15.2	2.5	8.9	+1.8	19.1	14	-2.0	29	55	7	-65	40	7	
Pelorus Sd, Crail Bay	13	14.1	6.6	10.4	+1.1	18.3	18	3.6	26	53	11	-118	15	21	
Nelson Aero	2	14.0	4.1	9.1	+1.5	17.7	14	0.1	29	28	8	-51	22	7	100
Appleby 2 EWS Richmond EWS	18 1	$14.7 \\ 13.4$	$\frac{2.1}{2.4}$	$8.4 \\ 7.9$	$+1.5 \\ +0.6$	$18.0 \\ 17.1$	$\frac{14}{14}$	-2.8 -2.6	31 29	$\frac{31}{27}$	5 5	-43 	$\frac{26}{22}$	7 7	$\frac{188}{197}$
Nelson Aero AWS	6	13.9	4.3	9.1	+1.4										
Blenheim Research EV	VS 4	14.5	2.5	8.5	+0.4	19.8	18	-1.0	29	24	9	-40	10	8	196
Blenheim Aero AWS	36	14.4	1.7	8.1	+0.9	18.7	14	-2.4	29	45	15	-24	15	8	
Brothers Island AWS Grassmere Salt Works	68 2	$13.4 \\ 14.4$	$9.4 \\ 5.4$	$\frac{11.4}{9.9}$	$+1.1 \\ +1.1$	$18.4 \\ 20.3$	$\frac{4}{14}$	1.2	3	53	9	 -7	23	8	• •
Cape Campbell AWS	6	13.2	7.4	10.3	+0.9	18.7	14	3.9	29	77	14	+18	$\frac{25}{24}$	23	
Hanmer Forest EWS	363	11.2	-1.3	5.0	+0.8	17.1	18	-5.9	7	210	14	+108	119	23	
Kaikoura, Middle Cree		13.3	2.4	7.9	+1.3	19.9	18	-0.9	4	14	8		5	23	• •
Kaikoura AWS Arthurs Pass	108 745	$\frac{12.9}{7.8}$	$6.1 \\ 0.4$	$9.5 \\ 4.1$	$+1.1 \\ +1.9$	$19.1 \\ 12.5$	$\frac{18}{14}$	2.6 -3.2	3	$\frac{207}{161}$	15 19	+121 -167	83 49	23 31	• •
Arthurs Pass EWS	745	7.8	0.4	4.0	+1.7	12.5 12.5	14	-3.3	7	169	17	-107	47	31	
Arthurs Pass AWS	743	7.4	0.4	3.9	+1.7	12.2	14	-3.0	3	192	22		51	31	
Culverden AWS	181	12.3	-0.1	6.1	+0.5	18.1	14	-5.6	7	97	19	+40	34	22	
Medbury CWS Waipara North Branch	232 n 497	$11.9 \\ 11.4$	-0.4 -0.1	$\frac{5.8}{5.7}$	+0.0	$17.0 \\ 16.1$	$\frac{14}{14}$	-6.0 -7.1	7 7	92 118	14 13		$\frac{32}{47}$	$\frac{23}{22}$	• •
Waiau School CWS	136	13.0	0.7	6.9	+0.9	18.4	14	-7.1	7	99	15 15	+24	45	22	
Cheviot EWS	75	13.5	1.3	7.4	+0.8	19.0	14	-2.9	29	202	15	+135	62	22	160
Upper Rakaia EWS	1752	2.3	-2.6	-0.2	+1.1	7.1	29	-7.9	22	52	22	-35	17	24	
Mt Potts EWS	2128	-0.2	-5.3	-2.8	+0.5	4.5	29	-11.4	23	25	7	1.00	18	15	• •
Mt Cook EWS Mueller Hut EWS	730 1818	$8.9 \\ 2.0$	0.0 -3.3	$\frac{4.5}{-0.7}$	$+2.0 \\ +0.5$	$\frac{14.9}{7.6}$	5 6	-4.4 -9.8	$\frac{22}{22}$	$\frac{127}{52}$	18 14	-162 	$\frac{35}{17}$	23 24	
Mt Cook Aero AWS	656	9.6	-1.0	4.3	+2.3	15.7	4	-6.9	22	96	18		36	23	
Cass EWS	571	10.4	-0.8	4.8		14.9	14	-9.1	7	66	13		24	22	
Methyen CWS	313	12.2	1.8	7.0	+0.9	18.3	4	-2.6	7	161	14	+88	$\frac{72}{76}$	22	1.07
Winchmore 2 EWS Mayfield at Ruapuna 1	164 F 325	$11.6 \\ 11.8$	$0.6 \\ 0.7$	$6.1 \\ 6.3$		$17.4 \\ 17.9$	$\begin{array}{c} 31 \\ 4 \end{array}$	-3.6 	7	$\frac{163}{153}$	13 15	+99 	$76 \\ 71$	22 23	167
Peel Forest	286	11.3	0.3	5.8	+0.8	18.9	18	-3.6	7	144	15	+69	70	22	
Lismore, Racemans Ho		13.4	3.0	8.2	+2.2	19.7	18	-1.6	7	149	11		75	22	
Ashburton Council	101	12.6	1.7	7.2	+1.2	18.1	31	-1.8	7	180	13	+118	87	22	1.01
Ashburton Aero AWS Ohoka CWS	88	$12.1 \\ 12.4$	$\frac{1.0}{0.9}$	$6.6 \\ 6.7$	+0.9	$17.9 \\ 19.0$	31 18	-2.3 -3.4	6 7	147	16	+79 	74 	22	161
Rangiora EWS	23	12.9	1.6	7.3	+1.2	20.0	18	-2.0	7	171	13	+117	94	22	144
Christchurch Aero	37	12.3	0.8	6.6	+0.6	18.5	18	-3.5	13	155	23	+91	86	22	150
Christchurch Aero Bac		12.3	0.8	6.6	+0.8	18.5	18	-3.4	13	138	21		76	22	• •
Christchurch Gardens Christchurch, Kyle St	7 6	$12.9 \\ 12.3$	$\frac{2.6}{2.2}$	$7.8 \\ 7.3$	$+1.0 \\ +0.6$	20.0	18 18	-1.3 -1.7	3 3	$\frac{145}{112}$	$\frac{17}{14}$	$+81 \\ +48$	70 69	$\frac{22}{22}$	• •
Christchurch, Kyle St Christchurch Botanic	6 17	12.3 12.6	$\frac{2.2}{2.7}$	7.3 7.7	+0.6	$18.4 \\ 19.9$	18	-1.7 -1.2	3 3	$112 \\ 137$	$\frac{14}{16}$	+48	69	$\frac{22}{22}$	
Bromley EWS	3	12.4	3.7	8.1		18.5	18	-0.5	3	115	12		55	22	152
Lincoln, Broadfield E	18	12.3	2.7	7.5	+1.1	18.6	18	-2.0	6	123	14	+70	66	22	143
Lincoln, Broadfield E	17 406	12.1	2.3	7.2		18.6	18	-2.4	6	126	16	• •	68	22	0
Sugar Loaf AWS Diamond Harbour EW	496 /S 122	$9.9 \\ 12.2$	$\frac{4.3}{4.7}$	$7.1 \\ 8.5$	$+0.9 \\ +1.1$	$15.6 \\ 19.7$	18 18	$0.6 \\ 0.7$	$\frac{1}{2}$	 156	13		 75	$\frac{1}{22}$	150
Akaroa EWS	45	12.2 12.9	5.4	9.2	+0.9	21.0	18	2.2	30	400	16	+279	199	$\frac{22}{22}$	109
Le Bons Bay AWS	238	11.1	6.1	8.6	+1.0	18.3	18	1.5	3	203	20	+136	60	22	
Lake Tekapo, Air Safa		9.0	-1.8	3.6	+1.9	15.3	18	-6.6	22	50	11	+0	20	22	100
Lake Tekapo EWS	762	9.5	-1.2	4.2	+2.3	16.0	18	-6.6	22	52	9	+2	39	23	188

Station		Sarrent		one r		Air Temp										
Marchan Marc	Station	of	Maa	ine of					Iax and	l Min		NT	Rainfall	М	ax	
Mas Mas Min Was Min Was Min Was Min Date Min Date Was Date Date Was Date Date Was Date Date Was Date Dat	Station	Above		I	of A	ence	1100					of	ence		L L	
Fairlie AWS 408 621 1,9 7.0 +1.7 7.9 18 -2.4 7 84 15 41 22 Pulsaki Aerodrome AWS 661 102 -2.9 3.7 +1.9 17.9 18 -7.4 7 Corai Estate EWS 81 12.3 1.0 6.7 +1.5 20.0 19 -2.6 7 15.7 12 +11.8 76 22 Timara Aron AWS 27 12.3 0.6 6.5 +1.5 17.9 4 -3.1 6 9.6 13 4 4 6 22 Timara Aron AWS 27 12.3 0.6 6.5 +1.5 17.9 4 -3.1 6 9.6 13 4 4 6 22 Timara Aron AWS 27 12.3 0.6 6.5 +1.5 17.9 4 -3.1 6 9.6 13 4 4 6 22 Timara Aron AWS 30 12.7 -2.6 7.7 +1.8 18.9 19 -3.2 2 103 3 9 +01 42 2 Timara Hilla AWS 30 12.7 -2.6 7.7 +1.5 18.9 19 -3.6 2 103 3 9 +01 42 2 Albert Burn 1280 4.8 +1.6 1.6 +1.3 9.3 7 7 7.3 23 92 21 +131 24 31 Albert Burn 1280 4.8 +1.6 1.6 +1.3 9.3 7 7 7.3 23 92 21 +131 24 31 Egistion, Knobs Flat 365 8.4 -0.2 4.1 +0.7 12.1 8.4 4.6 6 174 4 4 -22 4 4 3 4 Egistion, Knobs Flat 365 8.4 -0.2 4.1 +0.7 12.1 8 4 4 4 4 -2 1.7 4 4 2 -4 4 4 4 4 4 4 4 4		WI.G.E.	l .	l	and B		Max	Date	Min	Date	гап			Fall	Date	
Oraci Estate WS	Fairlie AWS							18	-	7		15			22	
Oracle Estate EWS																
Timaru Areo AWS																
Timore WS Oratio & Springhank ro 14 120 2.6 7.3 4.1.9 18.1 4 0.5 2.9 10.3 9 4.61 42 2.2 2.0 Valimate CWS 39 12.7 2.6 7.7 4.1.5 18.9 19 0.6 2.9 9.3 11 4.05 35 2.3 Albert Burn 180 0.2 4.6 7.0 4.1.5 17.8 18 0.8 6 9.7 14 4.55 31 2.3 Albert Burn 180 0.2 4.6 7.0 4.1.5 17.8 18 0.8 6 9.7 14 4.55 31 2.3 Albert Burn 190 0.2 4.6 2.2 2.1 4.0 4.2 1.2 Eghinton, Knobs Plat 305 8.4 0.2 4.1 4.0.7 12.1 8 4.6 6 17.4 21 5.4 3.9 31 Tara Hills AWS 485 10.2 1.0 4.2 4.1 4.0 5.2 4.1 4.0 Wannaka CWS 310 10.2 0.2 4.2 4.1 4.0 5.2 4.1 4.0 4.1 4.0 4.1 Winako CWS 310 10.2 0.2 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 Winako EWS 480 8.1 1.3 1.0 7.0 4.1																
Waimate CWS																
Camaru Airport AWS																
Albert Burn 1280																
Mt Larkins EWS	_															
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Tara Hills AWS 485 10.2 -1.9 4.2 +1.8 16.5 14 -7.4 22 17 14 -7.2 4 22 Wanaka Awro AWS 31 10.4 -0.1 5.2 15.7 18 4.4 22 15 8 8 31 Wanaka Aero AWS 352 10.2 0.2 0.2 5.2 +1.5 15.1 14 -4.3 22 18 14 -2.8 8 31 Wanaka Aero AWS 40 9.8 -1.6 41 -1.5 15.9 18 -3.0 0.7 19 15 -1.0 14 -2.3 18 31 Wanaka Aero AWS 40 9.8 -1.6 41 +1.5 15.9 18 -3.0 0.7 19 15 -1.0 14 -2.3 18 31 Wanaka Aero AWS 40 9.8 -1.6 41 +1.5 15.9 18 -3.0 0.7 106 11 +54 49 23 12.7 Middlemarch EWS 21 1.3 1.3 0.0 5.7 +1.9 19.2 18 -3.0 7 106 11 +54 49 23 12.7 Middlemarch EWS 21 11.3 0.0 5.7 +1.9 19.2 18 -3.0 7 106 11 +54 49 23 12.7 Middlemarch EWS 21 11.3 0.0 5.7 +1.9 18.4 18 1																
Wansha Aero AWS	0 /															
Mindoo FWS							15.7									
Ranfurly EWS																
Damaru AWS																
Palmerston	v															
Middlemarch EWS																
Dunedin Aero AWS		213	11.3					18			32	11			19	
Dunedin, Musselburgh 4 11.6 5.4 8.5 +1.8 16.8 19 1.1 3 3 79 15 +27 20 23 93 35 Murchison Mtns EWS 140 4.2 -0.6 1.8 +1.1 6.9 8 5.2 7 67 67 12 -33 23 151 Murchison Mtns EWS 140 4.2 -0.6 1.8 +1.1 6.9 8 5.2 3 208 23 -37 41 13 Te Anau At Park HQ Cw 204 8.9 1.7 5.3 13.2 31 -2.5 6 Manapouri, West Arm J 178 7.7 1.7 4.7 4.7 1.3 10.5 17 -2.2 6 401 21 +72 58 31 Manapouri Aero AWS 209 9.6 0.4 5.0 +1.0 14.6 15 -5.5 23 106 24 +12 16 31 Manapouri Aero AWS 209 9.6 0.4 5.0 +1.0 14.6 15 -5.5 23 106 24 +12 16 31 Manapouri Aero AWS 322 10.2 1.7 6.0 -1.2 16.2 31 -2.4 22 101 1.7 0.0 8 31 Queenstown EWS 322 10.2 1.7 6.0 -1.2 16.2 31 -2.4 22 101 0.0 8 31 Queenstown Aero AWS 337 9.9 0.5 5.5 -1.4 1.5 1.8 -4.3 22 30 15 -2.6 7 15 140 Five Rivers CWS 260 10.6 1.4 6.0 +1.9 16.0 31 -5.2 22 80 16 0.0 8 31 Lumsden AWS 194 9.9 1.0 5.5 +1.4 1.0																
Camaru EWS 20 12.1 2.9 7.5 +2.1 19.3 18 -2.2 7 67 12 23 23 151 Murchison Mins EWS 11.40 4.2 -0.6 1.8 +1.1 6.9 8 -5.2 3 208 23 -37 41 13 Te Anau At Park HQ Cw 204 8.9 1.7 5.3 13.2 31 -2.5 6 401 21 +72 58 31 Manapouri Aero AWS 209 9.6 0.4 5.0 +1.0 14.6 15 5.5 23 106 24 12 16 31 -2.2 6 401 17 -2.2 40 10 8 31 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>																
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Lumsden AWS 194 9.9 1.0 5.5 1.14 .	•															
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Ophir 2 305 10.8 -2.6 4.1 +2.0 18.0 18 -8.5 22 11 8 -8 4 19 1.27 Alexandra 150 11.9 -0.7 5.6 +2.4 19.9 18 -6.2 22 18 15 -7 4 19 127 Clyde 2 EWS 170 11.4 -1.7 4.9 +1.6 19.0 18 -7.1 22 16 12 -7 3 31 Alexandra AWS 231 10.7 -0.2 5.3 +2.2 18.4 18 -5.1 22 16 18 4 19 Alexandra AWS 130 10.1 1.5 -0.2 15.3 18.2 11.0 1 1 9 21 2 16 1 1 1 1 1 1 1 1 1 1 1 1 2 6 6																144
Alexandra																
Clyde 2 EWS																
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Waitutu CWS 30 10.5 2.6 6.6 +1.3 14.2 29 -1.8 23 <t< td=""><td>O</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	O															
Gore AWS 123 10.3 2.8 6.6 +1.8 16.5 31 -1.6 7 131 23 +72 35 2 112 Gore EWS 60 10.6 2.5 6.6 17.5 31 -2.8 22 106 19 21 2 112 Invercargill Aero 1 10.9 3.1 7.0 +1.5 Invercargill Aero AWS 3 10.9 2.8 6.9 +1.5 16.5 31 -2.8 8 143 25 +55 22 12 Invercargill Aero 2 E 11.0 2.8 6.9 +1.6 16.5 31 -3.1 8 133 21 +60 22 12 Invercargill Aero 2 E 11.0 2.8 6.9 +1.6 16.5 31 -3.1 8 133 21 +60 22 12 Invercargill Aero 2 E 11.0 2.8 6.9 +1.6 16.5 31 -3.1 8 133 21 +60 22 12 Invercargill Aero 2 E 11.0 2.8 6.9 +1.6 16.5 31 -3.1 8 133 21 +60 22 12 Invercargill Aero 2 E 11.0 2.8 6.9 +1.6 16.5 31 -3.1 8 133 21 +60 22 12 Invercargill Aero 2 E 11.0 2.8 6.9 +1.6 16.5 31 -3.1 8 133 21 +60 22 12 Invercargill Aero 4WS 3 10.8 4.6 7.7 +1.3 15.8 31 -0.5 22 121 21 +33 20 13 Balclutha, Telford Ew 11 10.8 2.1 6.5 +1.8 18.1 31 -2.8 7 86 16 +25 18 2 101 Balclutha, Finegand E 6 10.9 2.2 6.6 18.2 31 -2.6 7 92 16 18 2 Nugget Point AWS 131 9.9 5.1 7.5 +1.2 16.5 31 0.5 2 96 22 +37 26 2 Tautuku EWS 25 10.8 4.3 7.6 17.1 31 0.6 7 194 22 33 2 South West Cape AWS 103 10.1 5.9 8.0 +0.3 12.8 31 1.4 2 130 26 +23 27 19 Kiribati, Cassidy Chri 3 31.3 26.0 28.7 32.7 8 24.1 2 Solomon, Honiara 56 31.3 24.0 27.7 .	-															
Gore EWS 60 10.6 2.5 6.6 17.5 31 -2.8 22 106 19 21 2 112 Invercargill Aero 1 10.9 3.1 7.0 +1.5																
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Stewart Island EWS 3 10.8 4.6 7.7 16.0 15 -0.2 8 188 22 28 31 Balclutha, Telford Ew 11 10.8 2.1 6.5 +1.8 18.1 31 -2.8 7 86 16 +25 18 2 101 Balclutha, Finegand E 6 10.9 2.2 6.6 18.2 31 -2.6 7 92 16 18 2 Nugget Point AWS 131 9.9 5.1 7.5 +1.2 16.5 31 0.5 2 96 22 +37 26 2 Tautuku EWS 25 10.8 4.3 7.6 17.1 31 0.6 7 194 22 33 2 South West Cape AWS 103 10.1 5.9 8.0 +0.3 12.8 31 1.4 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																
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Tautuku EWS 25 10.8 4.3 7.6 17.1 31 0.6 7 194 22 33 2 South West Cape AWS 103 10.1 5.9 8.0 +0.3 12.8 31 1.4 2 130 26 +23 27 19 Kiribati, Cassidy Chri 3 31.3 26.0 28.7 32.7 8 24.1 2 <td></td>																
Kiribati, Cassidy Chri 3 31.3 26.0 28.7 .32.7 8 24.1 2 .	Tautuku EWS	25	10.8	4.3	7.6		17.1	31	0.6	7		22		33	2	
Solomon, Munda 6 24.7													+23	27		
Solomon, Honiara 56 31.3 24.0 27.7 </td <td></td>																
Solomon, Henderson 9 31.5 23.0 27.3 <																
Solomon, Santa Cruz 24 24.1 <																
Vanuatu,Pekoa 56 27.1 22.1 24.6																
Vanuatu,Burtonfield 70 17.6	Vanuatu,Pekoa		27.1		24.6											
	Vanuatu,Burtonfield	70	• •	17.6	• •	• •	• •	• •	• •	• •	• •		• •	• •	• •	• •

	Suntn		j we i		of Temp										
	Height				Air Temp	eratur	9					Rainfall			D.: 1
Station	of Station Above	Mea	ans of	Mean of A	Differ—	Abs	olute M	Iax and	d Min	Total	No. of	Differ-	М	ax	Bright Sun- shine
	M.S.L.	A Max	B Min	and B	From Normal	Max	Date	Min	Date	Fall	Rain Days	From Normal	Fall	Date	
N. C.L.V.	Metres	°C	°C	°C	$^{\circ}\mathrm{C}$	°C	10	°C		mm		mm	mm		Hrs
New Cal, Koumac New Cal, Oulop	18 7	$25.2 \\ 25.6$	$15.5 \\ 18.6$	$20.4 \\ 22.1$		$27.3 \\ 28.3$	18 8	$12.7 \\ 11.5$	$\frac{24}{23}$						
New Cal, Ouanaham	29	24.8	15.9	20.4		27.5	8	8.6	11						
New Cal, La Roche	42	25.0	14.1	19.6	• •	30.0	8	7.1	24		• •		• •		
New Cal, La Tontouta New Cal, Nouma	14 72	$24.9 \\ 23.7$	$14.3 \\ 17.1$	$19.6 \\ 20.4$		$29.0 \\ 27.9$	8 7	$9.7 \\ 14.7$	24 30						
New Cal, Moue	97	22.9	16.3	19.6		26.0	7	12.1	12						• •
Kiribati,Butaritari	2	31.1	26.5	28.8											
Kiribati,Tarawa Kiribati, Bonriki Int	$\frac{2}{4}$	31.4	$25.3 \\ 25.2$	28.3		32.9	20								
Kiribati,Beru	2		26.2	20.0				25.0	14						
Kiribati, Arorae	7	32.3	26.2	29.3											
Tuvalu,Nui Is Tuvalu,Funafuti Aero	2	$31.7 \\ 32.1$	$26.2 \\ 27.0$	29.0	• •	• •	• •	• •	• •	• •	• •	• •	• •	• •	• •
Tuvalu, Niulakita Is	1 3	32.1	$\frac{27.0}{25.7}$	29.6											
Fiji,Nadi Aero	15	27.9	19.6	23.8		31.2	9	16.6	1						
Fiji,Nausori Aero	6	25.9	19.3	22.6	• •						• •		• •		
Wallis Island, Hihifo Maopoopo, Futuna Isla	27 a 36	$29.6 \\ 30.1$	$25.2 \\ 25.7$	$27.4 \\ 27.9$		$31.0 \\ 32.5$	$\frac{31}{20}$	$22.6 \\ 24.3$	29 31	125	$\frac{1}{24}$		32	 12	
Samoa, Faleolo	4		23.2												
Samoa, Apia	1		23.3												
Samoa, Pago Pago Aer CI Rarotonga Aero	o 3 7	$29.4 \\ 27.2$	$25.3 \\ 20.3$	$27.4 \\ 23.8$	• •	31.3	9	• •	• •	• •	• •	• •	• •	• •	• •
Vanuatu, Saratamata	18	21.2	20.3 20.9	23.0											
Hiva Hoa, Atuona	51	29.0	23.8	26.4		30.7	25	21.9	22	100	17		26	31	
Society Is, Mopelia	1	28.8	24.4	26.6		29.8	4	20.4	16						
Tahiti - Faaa Tuamotu, Takaroa	$\frac{1}{2}$	29.2 29.2	$22.7 \\ 24.8$	$26.0 \\ 27.0$		$31.0 \\ 29.9$	$\frac{24}{27}$	$19.6 \\ 22.7$	$\frac{21}{22}$	99	9		36 	27 	
Gambier, Rikitea	91	24.3	20.1	22.2		20.0		17.1	22	91	16		45	24	
Tubuai	2	27.5	22.2	24.9		29.6	5	16.1	23						
Rapa Raoul Island AWS	1 50	$\frac{22.2}{19.7}$	$18.1 \\ 14.2$	$20.2 \\ 17.0$	+0.3	$25.1 \\ 21.1$	$\begin{array}{c} 11 \\ 2 \end{array}$	$12.6 \\ 8.5$	23 31	$\frac{103}{105}$	19 25	 -15	$\frac{20}{23}$	18 8	186
Enderby Is AWS	39	8.6	4.8	6.7	+0.5	10.7	17	-0.4	1	116	26	-10	25 15	18	
Campbell Island AWS	16	7.3	3.9	5.6	+0.5	9.9	30	-1.1	3	199	29	+84	39	9	
Chatham Island Aero		12.2	7.0	9.6	+1.2			20.5		• •	• •		• •		
Georg Von Neumayer Ant South Pole		-15.1 -54.2	-24.2 -62.9	-19.7 -58.6	• •	-2.6 -31.9	6 8	-39.5 -75.6	$\frac{2}{1}$		• •				••
Gen Belgrano 2	256	-15.7	-22.8	-19.3		-5.6		-37.6	4						• • • • • • • • • • • • • • • • • • • •
Bellingshausen	16	-1.9	-4.8	-3.4				-14.3	22						
Base Jubany V C Marambio	4 198	0.1 - 7.7	-5.7 -15.9	-2.8 -11.8	• •	$\frac{4.8}{6.5}$		-16.2 -33.7	$\frac{22}{22}$	• •	• •	• •	• •	• •	• •
Eduardo Frei	10	-2.8	-5.2	-4.0		$\frac{0.5}{2.7}$	2	-55.1							
Arturo Prat		-2.2	-4.4	-3.3		1.2	2	-14.4	22						
Great Wall	10	-1.5	-5.7	-3.6		• •	• •	-14.5	22	• •	• •	• •	• •	• •	• •
Bernado Ohiggins Palmer Station	10 8	-5.6 -1.9	-8.0 -5.4	-6.8 -3.7											
Rothera Point	16	-3.0	-7.1	-5.1		4.1		-16.5	21						• • • • • • • • • • • • • • • • • • • •
Argentine Is, Faraday	11	-1.4	-5.8	-3.6		8.7		-11.6	22						
Gen San Martin Novolax Arevskaja	4 99	-2.4 -13.9	-9.1 -18.6	-5.8 -16.3		5.5 -8.0		-19.3 -24.7	$\frac{21}{15}$		• •		• •	• •	• •
Syowa	21	-12.1	-19.3	-15.7		-3.7		-29.9	22						
Mawson	16	-16.7	-23.6	-20.2				-32.9	31						
Davis Progress	13 64	-18.3	-26.4	-22.4		• •		-36.1	27 31	• •		• •		• •	• •
Progress Mirnyj		-18.0 -16.9	-20.4 -21.7	-19.2 -19.3		-9.0	 11	-36.0	31						
Vostok	3420	-63.7	-68.3	-66.0				-78.7	2						
Casey	41	-13.3	-23.8	-18.6			1.4	-36.4	28		• •				
Durmont Durville Mcmurdo	43 24	-13.8 -27.1	-19.4 -35.3	-16.6 -31.2		-6.7 -19.9		-31.6 -41.5	29 23	 190	6		 51	10	
Arrival Heights EWS	187	-28.4	-35.1	-31.8		-20.9		-44.4	$\frac{23}{24}$						
Scott Base 2 EWS	42	-28.3	-39.5	-33.9		-21.4		-48.9	30						
Darwin Airport	31	31.2	14.2	22.7	• •	34.7	31	8.5	31	• •	• •	• •	• •	• •	• •

Summary of the records of Temperature, Rainfall and Sunshine — Late returns

	Height			ر.	Air Temp	erature									
Station	of Station Above	Mea	ns of	Mean	Differ—	Abs	olute M	lax and	l Min	Total	No.	Differ-	Max		Bright Sun- shine
	M.S.L.	A Max	B Min	of A and B		Max	Date	Min	Date	Fall	Rain Days	ence From Normal	Fall	Date	
	Metres	$^{\circ}\mathrm{C}$	$^{\circ}\mathrm{C}$	$^{\circ}\mathrm{C}$	$^{\circ}\mathrm{C}$	$^{\circ}\mathrm{C}$		$^{\circ}\mathrm{C}$		mm		mm	mm		Hrs
					rns and		ctions		une 20	23					
Tiri Tiri Lighthouse	76	15.6	9.5	12.6	-0.3	18.6	2	7.5	14	164	22	+63	43	22	
Auckland, Henderson I	N 7	16.7	7.0	11.9	+0.4	19.8	1	0.8	14	163	21	+5	29	26	
Auckland Aero	7	16.1	8.7	12.4	+0.3	19.7	2	2.9	15	117	22	-2	20	22	
Paraparaumu Aero AW	VS 8	15.6	5.5	10.6	+0.9	19.3	23	-0.7	16	8	9	-99	5	4	
Wellington Aero	4	14.8	8.9	11.9	+1.3	18.5	2	4.7	16	38	13	-65	16	4	
Mt Somers, Somer Dov	vn 372	11.6	2.0	6.8				-5.0	9	73	7	-14	29	27	
Ohoka CWS		12.5	2.5	7.5		19.0	1	-4.0	11						
Christchurch Aero	37	12.5	3.7	8.1	+1.7	18.8	1	-3.3	11	51	20	-17	13	27	92
Cromwell EWS	213	7.6	0.6	4.1	-0.2	19.1	1	-3.0	5	27	8	-7	12	4	55
Clyde 2 EWS	170	6.6	-1.2	2.7	-0.8	19.5	1	-4.3	17	25	8	-8	9	27	
Stewart Is	3	12.3	3.2	7.8	+0.8			0.0	30	81	• •	-59	28	1	
			La	te retu	rns and	corre	ctions	for M	Iav 20	23					
Tiri Tiri Lighthouse	76	18.1	12.3	15.2	+0.2	20.4	2	7.5	12	166	28	+74	68	9	
Mt Somers, Somer Dov	wn 372	15.5	6.2	10.9		23.5	2	0.4	22	63	15	-23	11	20	
			Late	e retur	ns and a	correc	tions f	or Au	gust 2	2022					
Pigeon Creek CWS	105	12.9	4.9	8.9	+1.2	16.6	27	-1.5	11	616	19		80	31	

The 'Normal' refers to the present site of the instruments. Standard period for normals is 1991-2020.

No normals are available for stations with only short records.

A rain day is a day with rainfall equal to or greater than $0.1~\mathrm{mm}$.

Where the extremes of temperature and rainfall occurred more than once during the month, the date of the first is given.

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