



Climate Database Statistics Report

February 2023

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

Summary of the records of Temperature, Rainfall and Sunshine February 2023

| Station | Height of Station Above M.S.L. | Air Temperature | | | | | | | | Rainfall | | | | | Bright Sun—shine Hrs |
|------------------------|--------------------------------|-----------------|-------|-----------------|-------------------------|----------------------|------|------|------|------------|------------------|-------------------------|------|------|-------------------------|
| | | Means of | | Mean of A and B | Differ—ence From Normal | Absolute Max and Min | | | | Total Fall | No. of Rain Days | Differ—ence From Normal | Max | | |
| | | A Max | B Min | | | Max | Date | Min | Date | | | | Fall | Date | |
| Metres | °C | °C | °C | °C | °C | °C | °C | °C | mm | mm | mm | mm | mm | | |
| Kaitaia Aero EWS | 80 | 23.9 | 15.6 | 19.8 | -0.5 | 26.8 | 20 | 12.0 | 26 | 70 | 13 | -27 | 18 | 13 | .. |
| Kaitaia Aero AWS | 77 | 24.0 | 15.5 | 19.8 | .. | 27.0 | 3 | 12.0 | 10 | 83 | 18 | .. | 19 | 13 | .. |
| Kaitaia EWS | 85 | 23.8 | 16.3 | 20.1 | +0.1 | 26.5 | 3 | 12.4 | 10 | 104 | 12 | +18 | 37 | 13 | 161 |
| Kerikeri EWS | 79 | 24.4 | 15.3 | 19.9 | +0.0 | 27.1 | 15 | 10.7 | 26 | 188 | 11 | +74 | 96 | 12 | .. |
| Kerikeri Aerodrome Aw | 149 | 23.6 | 15.2 | 19.4 | -0.4 | 26.4 | 20 | 11.5 | 25 | 209 | 16 | +86 | 100 | 12 | .. |
| Kaikohe AWS | 204 | 23.0 | 15.1 | 19.1 | -0.4 | .. | .. | .. | .. | .. | .. | .. | 143 | 12 | .. |
| Trounson CWS | 244 | 22.8 | 14.4 | 18.6 | +0.3 | 28.4 | 2 | 9.0 | 26 | 332 | 19 | +248 | 210 | 13 | .. |
| Dargaville 2 EWS | 66 | 23.8 | 15.8 | 19.8 | +0.0 | 30.2 | 1 | 11.4 | 26 | 165 | 13 | +110 | 85 | 13 | 134 |
| Purerua AWS | 87 | 23.3 | 16.2 | 19.8 | +0.0 | 26.2 | 8 | .. | .. | 114 | 15 | +37 | 55 | 12 | .. |
| Russell CWS | 15 | 23.8 | 14.7 | 19.3 | .. | 26.4 | 8 | 10.9 | 25 | 221 | 15 | +131 | 133 | 12 | .. |
| Whangarei Aero AWS | 38 | 23.7 | 16.1 | 19.9 | -0.7 | .. | .. | 12.8 | 18 | 358 | 16 | +275 | 184 | 12 | .. |
| Whangarei EWS | 12 | 24.5 | 15.0 | 19.8 | -0.1 | 28.4 | 1 | 10.8 | 26 | 397 | 15 | .. | 216 | 12 | 172 |
| Mokohinau AWS | 70 | 21.9 | 18.2 | 20.1 | -0.5 | 23.9 | 7 | 16.6 | 24 | 239 | 14 | +182 | 75 | 13 | .. |
| Leigh 2 EWS | 27 | 25.0 | 17.0 | 21.0 | .. | 28.6 | 23 | 13.9 | 10 | 274 | 17 | +202 | 165 | 13 | .. |
| Warkworth EWS | 72 | 23.1 | 14.5 | 18.8 | -0.1 | 25.6 | 1 | 9.8 | 10 | 311 | 18 | +225 | 130 | 13 | .. |
| Whangaparaoa AWS | 100 | 23.6 | 16.8 | 20.2 | -0.3 | 28.9 | 20 | 14.5 | 25 | 203 | 19 | +139 | 90 | 13 | .. |
| Tiri Tiri Lighthouse | 76 | 22.2 | 15.3 | 18.8 | -1.3 | 25.0 | 23 | 11.6 | 13 | 148 | 16 | +79 | 92 | 13 | .. |
| Auckland, Whenuapai A | 26 | 23.4 | 15.4 | 19.4 | -0.4 | 26.9 | 2 | 10.5 | 10 | .. | .. | .. | .. | .. | .. |
| Auckland, North Shore | 64 | 23.6 | 16.1 | 19.9 | +0.1 | 26.0 | 2 | 12.1 | 10 | 269 | 18 | +204 | 102 | 13 | 170 |
| Auckland, Henderson N | 7 | 24.9 | 15.4 | 20.2 | -0.1 | 29.2 | 2 | 10.8 | 10 | 315 | 17 | +241 | 130 | 13 | .. |
| Auckland, Motat EWS | 16 | 24.0 | 16.5 | 20.3 | .. | 26.7 | 2 | 12.3 | 10 | 295 | 15 | .. | 147 | 13 | 192 |
| Waiheke Island, Awaro | 34 | 24.0 | 15.2 | 19.6 | -0.4 | 26.2 | 4 | 11.0 | 18 | 187 | .. | +112 | 56 | 13 | .. |
| Manukau Heads EWS | 240 | 20.6 | 15.8 | 18.2 | .. | 24.2 | 2 | 12.4 | 25 | 404 | 15 | .. | 244 | 13 | 178 |
| Whitianga Aero AWS | 5 | 23.5 | 15.5 | 19.5 | +0.0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Whitianga EWS | 1 | 23.9 | 15.3 | 19.6 | -0.1 | 27.8 | 22 | 10.5 | 20 | 349 | 15 | .. | 149 | 13 | .. |
| Thames EWS | 3 | 24.0 | 15.6 | 19.8 | .. | 28.5 | 2 | 12.1 | 10 | 250 | 14 | .. | 135 | 13 | .. |
| Matamata, Hinuera EWS | 85 | 23.4 | 13.7 | 18.6 | -0.1 | 26.9 | 4 | 9.4 | 20 | 103 | 14 | +44 | 34 | 13 | .. |
| Tauranga CWS | 3 | 22.7 | 16.6 | 19.7 | .. | 26.6 | 22 | .. | .. | .. | .. | .. | .. | .. | .. |
| Tauranga Aero | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 158 |
| Tauranga Aero AWS | 2 | 23.4 | 16.7 | 20.1 | +0.0 | 26.1 | 15 | 14.1 | 7 | 231 | 15 | +148 | 99 | 13 | 186 |
| Te Puke EWS | 123 | 23.1 | 15.5 | 19.3 | +0.2 | 26.4 | 8 | 11.8 | 7 | 278 | 15 | +159 | 67 | 13 | .. |
| Whakatane Aero AWS | 8 | 23.5 | 15.9 | 19.7 | +0.2 | 27.4 | 15 | 11.3 | 18 | 199 | 16 | +119 | 75 | 13 | .. |
| Whakatane Sunshine | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 179 |
| Whakatane EWS | 1 | 24.0 | 16.0 | 20.0 | .. | 27.8 | 15 | 11.1 | 9 | 172 | 14 | .. | 51 | 13 | .. |
| Mamaku Radar WXT AW617 | 18.4 | 12.7 | 15.6 | -0.3 | 22.0 | 4 | 10.0 | 9 | .. | .. | .. | .. | .. | .. | .. |
| Kawerau AWS | 42 | 24.9 | 14.5 | 19.7 | -0.2 | 28.6 | 20 | 10.8 | 9 | .. | .. | .. | .. | .. | .. |
| Rotorua EWS | 288 | 22.4 | 14.0 | 18.2 | .. | 26.3 | 20 | 9.3 | 18 | 159 | 14 | .. | 56 | 13 | 178 |
| Rotorua Aero AWS | 286 | 22.1 | 14.0 | 18.1 | +0.0 | 25.7 | 20 | 8.8 | 18 | 224 | 15 | +124 | 80 | 13 | .. |
| Galatea AWS | 175 | 22.7 | 14.8 | 18.8 | +0.2 | .. | .. | .. | .. | 123 | 15 | .. | 34 | 13 | .. |
| Taupo CWS | 360 | 23.3 | 13.7 | 18.5 | .. | 29.1 | 4 | 6.9 | 18 | 112 | 15 | .. | 30 | 13 | .. |
| Tarapounamu EWS | 701 | 18.0 | 10.8 | 14.4 | -1.0 | 23.7 | 4 | 7.3 | 11 | 126 | 17 | +66 | 31 | 2 | .. |
| Taupo AWS | 402 | 21.6 | 13.3 | 17.5 | +0.1 | 26.9 | 4 | 5.1 | 18 | 95 | 13 | +30 | 30 | 13 | .. |
| Motu EWS | 488 | 21.3 | 12.4 | 16.9 | +0.8 | 27.2 | 20 | 7.2 | 9 | 241 | 16 | +122 | 77 | 13 | .. |
| Auckland, Mangere 2 E | 16 | 23.6 | 16.5 | 20.1 | .. | 27.1 | 2 | 12.8 | 18 | 190 | 15 | +134 | 106 | 13 | 188 |
| Auckland Aero | 7 | 23.5 | 16.7 | 20.1 | -0.4 | 27.3 | 2 | 13.4 | 18 | 205 | 15 | +142 | 75 | 13 | .. |
| Auckland Aero Backup | 7 | 23.4 | 16.8 | 20.1 | -0.3 | 26.8 | 2 | 13.5 | 18 | 199 | 16 | .. | 70 | 13 | .. |
| Ardmore Aero AWS | 41 | 24.0 | 15.1 | 19.6 | .. | 26.0 | 1 | 11.0 | 10 | .. | .. | .. | .. | .. | .. |
| Pukekohe EWS | 88 | 22.5 | 14.0 | 18.3 | -1.1 | 25.9 | 2 | .. | .. | 162 | 16 | +98 | 84 | 13 | .. |
| Firth Of Thames EWS | 3 | 24.4 | 14.8 | 19.6 | +0.2 | 27.0 | 4 | 9.6 | 20 | 149 | 14 | +79 | 70 | 13 | 168 |
| Whatawhata 2 EWS | 118 | 24.0 | 14.6 | 19.3 | +0.2 | 29.8 | 4 | 10.1 | 18 | 203 | 13 | +128 | 115 | 13 | .. |
| Hamilton, Ruakura 2 E | 45 | 24.2 | 14.8 | 19.5 | +0.4 | 28.6 | 4 | 10.7 | 20 | 142 | 13 | +77 | 82 | 13 | 177 |
| Hamilton AWS | 53 | 23.9 | 14.5 | 19.2 | +0.1 | 28.5 | 4 | 9.8 | 20 | 127 | 16 | +55 | 57 | 13 | .. |
| Lake Karapiro CWS | 55 | 24.4 | 16.3 | 20.4 | +0.4 | 30.1 | 4 | 13.0 | 20 | 277 | 14 | +211 | 179 | 13 | .. |
| Port Taharoa AWS | 18 | 22.6 | 17.0 | 19.8 | +0.1 | .. | .. | .. | .. | 145 | 13 | +88 | 41 | 13 | .. |
| Awakino EWS | 400 | 20.7 | 13.4 | 17.1 | .. | 25.7 | 2 | 9.0 | 24 | 184 | 15 | +76 | 39 | 13 | .. |
| Waikeria EWS | 37 | 24.8 | 14.1 | 19.5 | .. | 30.8 | 4 | 8.3 | 20 | 124 | 14 | +53 | 47 | 13 | 158 |
| Te Kuiti EWS | 61 | 24.8 | 13.9 | 19.4 | +0.5 | 30.1 | 4 | 8.0 | 18 | 142 | 16 | +59 | 44 | 13 | 160 |
| Pureora Forest CWS | 549 | 20.2 | 11.7 | 16.0 | +0.1 | 24.5 | 4 | 5.2 | 18 | 275 | 16 | +199 | 143 | 13 | .. |
| Taumarunui EWS | 170 | 23.8 | 13.0 | 18.4 | +0.4 | 29.1 | 4 | 7.5 | 18 | 124 | 18 | +33 | 23 | 13 | .. |
| Taumarunui AWS | 186 | 23.8 | 13.4 | 18.6 | +0.3 | 30.3 | 4 | 5.6 | 18 | 150 | 17 | .. | 27 | 13 | .. |
| Turangi 2 EWS | 360 | 22.3 | 12.0 | 17.2 | +0.2 | 26.3 | 4 | 2.7 | 18 | 95 | 13 | +4 | 22 | 2 | 163 |
| New Plymouth AWS | 28 | 22.0 | 15.0 | 18.5 | +0.3 | 25.1 | 2 | 9.0 | 10 | 109 | 14 | +19 | 41 | 13 | 237 |
| Lower Retaruke CWS | 233 | 22.9 | 12.9 | 17.9 | -0.1 | 29.2 | 4 | 6.2 | 18 | 147 | 18 | +48 | 52 | 1 | .. |

Summary of the records of Temperature, Rainfall and Sunshine February 2023

| Station | Height of Station Above M.S.L. | Air Temperature | | | | | | | | Rainfall | | | | | Bright Sun—shine Hrs |
|-----------------------|--------------------------------|-----------------|-------|-----------------|-------------------------|----------------------|------|------|------|------------|------------------|-------------------------|------|------|-------------------------|
| | | Means of | | Mean of A and B | Differ—ence From Normal | Absolute Max and Min | | | | Total Fall | No. of Rain Days | Differ—ence From Normal | Max | | |
| | | A Max | B Min | | | Max | Date | Min | Date | | | | Fall | Date | |
| Metres | °C | °C | °C | °C | °C | °C | °C | °C | mm | mm | mm | mm | mm | | |
| Mt Ruapehu, Chateau E | 1097 | 17.0 | 8.0 | 12.5 | -0.3 | 21.3 | 4 | 2.8 | 18 | 420 | 12 | +263 | 154 | 12 | .. |
| Pahiatua EWS | 110 | 21.7 | 13.5 | 17.6 | +0.3 | 28.6 | 2 | 7.0 | 19 | 157 | 18 | .. | 61 | 13 | .. |
| Masterton Aero AWS | 105 | 22.3 | 12.4 | 17.4 | -0.5 | 28.8 | 4 | 6.9 | 18 | 159 | 17 | .. | 35 | 14 | .. |
| Masterton EWS | 90 | 23.2 | 12.4 | 17.8 | +0.2 | 30.1 | 4 | 6.9 | 18 | 146 | 17 | .. | 31 | 13 | 177 |
| Masterton, Te Ore Ore | 110 | 22.8 | 12.9 | 17.9 | -0.6 | 31.8 | 4 | 7.1 | 18 | 154 | 14 | +106 | 35 | 14 | .. |
| Takapau Plains AWS | 346 | 21.2 | 12.7 | 17.0 | +0.2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dannevirke EWS | 207 | 21.5 | 13.8 | 17.7 | +0.4 | 28.9 | 2 | 6.5 | 18 | 175 | 15 | +105 | 52 | 13 | 140 |
| Cape Turnagain AWS | 285 | 18.3 | 14.6 | 16.5 | +0.3 | 24.2 | 4 | 11.3 | 23 | .. | .. | .. | .. | .. | .. |
| Akitio EWS | 245 | 20.1 | 14.3 | 17.2 | +0.4 | 27.2 | 4 | 10.2 | 18 | 255 | 15 | .. | 111 | 13 | 181 |
| Castlepoint AWS | 120 | 20.6 | 15.3 | 18.0 | +0.1 | 27.7 | 4 | 12.0 | 18 | 248 | 16 | +187 | 64 | 14 | .. |
| Baring Head | 79 | .. | 15.1 | .. | .. | .. | .. | 10.8 | 24 | 57 | 11 | .. | 15 | 25 | .. |
| Te Wharau, Brackenfie | 292 | 21.0 | 12.1 | 16.6 | -0.3 | 28.1 | 4 | 6.9 | 10 | 433 | .. | +382 | 170 | 14 | .. |
| Martinborough EWS | 20 | 23.0 | 13.3 | 18.2 | +0.4 | 28.7 | 2 | 7.5 | 18 | 106 | 11 | +54 | 24 | 14 | 135 |
| Ngawi AWS | 8 | 22.5 | 16.4 | 19.5 | +0.8 | 28.0 | 4 | 12.1 | 23 | 221 | 13 | +178 | 81 | 14 | .. |
| Gisborne AWS | 5 | .. | 15.2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gisborne EWS | 12 | 24.1 | 14.4 | 19.3 | -0.9 | 29.2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| Tutira CWS | 235 | 21.9 | 13.7 | 17.8 | -0.1 | 28.6 | 4 | 10.0 | 11 | .. | .. | .. | .. | .. | .. |
| Napier Aero AWS | 3 | 23.0 | 15.2 | 19.1 | +0.2 | 29.3 | 6 | 11.5 | 19 | 359 | 16 | +305 | 176 | 13 | .. |
| Napier EWS | 7 | 24.1 | 16.1 | 20.1 | .. | 31.5 | 6 | 11.7 | 18 | 242 | 13 | +190 | 131 | 13 | 193 |
| Maraekakaho CWS | 150 | 23.3 | 13.3 | 18.3 | .. | 28.8 | 4 | 8.3 | 9 | 240 | 14 | .. | 128 | 13 | .. |
| Hastings AWS | 16 | 24.7 | 14.1 | 19.4 | +0.2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Whakatu EWS | 5 | 23.9 | 13.3 | 18.6 | +0.6 | 29.5 | 6 | 7.7 | 19 | 257 | 13 | +209 | 122 | 13 | .. |
| Waipawa EWS | 130 | 23.2 | 13.2 | 18.2 | +0.2 | 30.2 | 4 | 8.3 | 9 | 221 | 16 | +166 | 117 | 13 | 152 |
| Wairoa, North Clyde E | 15 | 25.0 | 14.7 | 19.9 | +0.6 | 31.1 | 4 | 10.4 | 11 | 315 | 15 | +227 | 102 | 27 | .. |
| Cape Kidnappers WXT A | 113 | 20.5 | 16.7 | 18.6 | +0.1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Paraparaumu Aero | 5 | 22.1 | 14.8 | 18.5 | +0.9 | 26.5 | 2 | 8.0 | 18 | 77 | 12 | +9 | 20 | 5 | 158 |
| Paraparaumu Aero AWS | 8 | 22.0 | 15.1 | 18.6 | +1.0 | 26.5 | 2 | 8.2 | 18 | 83 | 13 | +23 | 20 | 5 | .. |
| Paraparaumu EWS | 5 | 22.2 | 15.2 | 18.7 | .. | 26.5 | 2 | 8.5 | 18 | 71 | 12 | +9 | 18 | 5 | 161 |
| Ohakea AWS | 47 | 22.4 | 14.5 | 18.5 | +0.2 | 27.8 | 2 | 9.9 | 18 | 112 | 14 | .. | 31 | 14 | .. |
| Palmerston North AWS | 39 | 22.7 | 14.6 | 18.7 | +0.3 | 28.3 | 2 | 7.5 | 18 | 100 | 16 | +43 | 21 | 13 | .. |
| Palmerston North EWS | 21 | 22.8 | 15.1 | 19.0 | +0.6 | 28.5 | 2 | 8.0 | 18 | 103 | 13 | +34 | 21 | 2 | 141 |
| Levin AWS | 15 | 23.2 | 15.3 | 19.3 | +1.3 | 28.0 | 1 | 8.5 | 18 | 98 | 14 | +18 | 21 | 15 | .. |
| Levin EWS | 23 | 22.5 | 13.8 | 18.2 | .. | .. | .. | .. | .. | 86 | 12 | .. | 20 | 15 | 180 |
| Mana Island AWS | 110 | 20.0 | 15.4 | 17.7 | +1.1 | 23.7 | 2 | 11.4 | 18 | 58 | 12 | .. | 16 | 5 | .. |
| Porirua, Elsdon Park | 7 | 21.9 | 15.4 | 18.7 | .. | .. | .. | 9.9 | 18 | 81 | 13 | .. | 22 | 5 | .. |
| Wellington, Kelburn A | 125 | 20.9 | 15.1 | 18.0 | +0.7 | 25.1 | 2 | 11.1 | 23 | 198 | 14 | +143 | 54 | 15 | 170 |
| Wellington Aero | 4 | 21.2 | 16.0 | 18.6 | +0.6 | 26.0 | 2 | 12.0 | 18 | 146 | 12 | +86 | 44 | 14 | .. |
| Wellington, Greta Poi | 3 | 22.7 | 16.2 | 19.5 | +1.2 | 27.0 | 8 | 12.4 | 18 | 178 | 12 | .. | 57 | 14 | .. |
| Wellington Aero Backu | 4 | 21.2 | 16.0 | 18.6 | +0.7 | 25.9 | 2 | 12.0 | 18 | 143 | 12 | +76 | 45 | 14 | .. |
| Upper Hutt, Trentham | 50 | 22.1 | 14.0 | 18.1 | +1.1 | 26.4 | 2 | 6.6 | 18 | 141 | 12 | +70 | 46 | 13 | 151 |
| Stratford EWS | 280 | 20.4 | 12.5 | 16.5 | -0.1 | 25.7 | 4 | 8.0 | 18 | 149 | 12 | +28 | 54 | 13 | 135 |
| Hawera AWS | 100 | 21.3 | 14.2 | 17.8 | +0.7 | 27.0 | 2 | 8.4 | 18 | 114 | 18 | +53 | 40 | 13 | .. |
| Waiouru Airstrip AWS | 820 | 18.0 | 10.0 | 14.0 | +0.0 | 24.5 | 2 | 3.1 | 18 | 127 | 22 | .. | 37 | 13 | .. |
| Waiouru EWS | 803 | 18.7 | 10.3 | 14.5 | .. | 26.2 | 4 | 3.9 | 18 | 108 | 21 | +47 | 26 | 13 | .. |
| Flat Hills WXT AWS | 262 | 21.1 | 13.8 | 17.5 | +0.1 | 28.5 | 2 | 8.3 | 18 | 118 | 16 | +61 | 42 | 14 | .. |
| Whanganui, Spriggens | 15 | 22.6 | 15.1 | 18.9 | +0.3 | 28.8 | 2 | 10.3 | 18 | 138 | 13 | +68 | 35 | 3 | .. |
| Whanganui AWS | 14 | 22.2 | 15.2 | 18.7 | +0.5 | 27.8 | 5 | 10.5 | 27 | 154 | 15 | +106 | 44 | 3 | .. |
| Wanganui 2 AWS | 18 | 24.5 | 15.1 | 19.8 | +1.1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Takaka EWS | 20 | 23.8 | 13.4 | 18.6 | +1.2 | 29.0 | 21 | 7.8 | 9 | 117 | 8 | +11 | 50 | 5 | 222 |
| Farewell Spit AWS | 3 | 25.1 | 16.4 | 20.8 | +2.2 | 28.6 | 20 | 13.0 | 23 | 62 | 8 | -11 | 21 | 5 | .. |
| Westport Aero AWS | 5 | 23.4 | 14.6 | 19.0 | +2.2 | 27.7 | 15 | 10.0 | 24 | 87 | 13 | -34 | 29 | 5 | .. |
| Westport EWS | 6 | 23.4 | 16.5 | 20.0 | .. | 27.5 | 4 | 11.3 | 25 | 81 | 10 | .. | 29 | 5 | 238 |
| Arapito EWS | 3 | 24.3 | 13.8 | 19.1 | +2.4 | 28.5 | 4 | 6.7 | 24 | 85 | 13 | -42 | 22 | 1 | 210 |
| Hokitika Aero | 39 | 22.6 | 13.3 | 18.0 | +2.0 | 26.9 | 16 | 7.2 | 25 | 235 | 11 | +43 | 68 | 5 | 230 |
| Hokitika AWS | 40 | 22.6 | 13.1 | 17.9 | +1.9 | 26.8 | 16 | 7.4 | 24 | 239 | 12 | +52 | 64 | 5 | 261 |
| Hokitika EWS | 39 | 22.6 | 12.9 | 17.8 | .. | 26.9 | 16 | 6.8 | 25 | 226 | 10 | .. | 63 | 5 | .. |
| Reefton EWS | 198 | 24.6 | 12.0 | 18.3 | +0.9 | 28.9 | 4 | 4.9 | 24 | 51 | 9 | -51 | 15 | 1 | 194 |
| Greymouth Aero EWS | 5 | 23.4 | 14.6 | 19.0 | +2.7 | 27.2 | 15 | 10.3 | 11 | 114 | 12 | -45 | 28 | 5 | 237 |
| Pigeon Creek CWS | 105 | 22.7 | 13.3 | 18.0 | +1.6 | 27.0 | 13 | 6.3 | 9 | 211 | 12 | .. | 71 | 5 | .. |
| Mt Philistine EWS | 1655 | 10.4 | 5.0 | 7.7 | +0.3 | 15.6 | 12 | -1.4 | 24 | 502 | 18 | .. | 147 | 5 | .. |
| Mahanga EWS | 1995 | 8.6 | 3.5 | 6.1 | -1.4 | 13.4 | 20 | -2.9 | 24 | 214 | 15 | .. | 55 | 5 | .. |
| Ivory Glacier CWS | 1390 | 12.2 | 6.9 | 9.6 | .. | 16.1 | 12 | 1.8 | 9 | 848 | 12 | +355 | 371 | 2 | .. |
| Okarito EWS | 1 | 22.3 | 12.9 | 17.6 | .. | 24.9 | 4 | 7.3 | 25 | 349 | 13 | .. | 131 | 5 | .. |

Summary of the records of Temperature, Rainfall and Sunshine February 2023

| Station | Height of Station Above M.S.L. | Air Temperature | | | | | | | | Rainfall | | | | | Bright Sun—shine |
|-----------------------|--------------------------------|-----------------|-------|-----------------|-------------------------|----------------------|------|------|------|------------|------------------|-------------------------|------|------|------------------|
| | | Means of | | Mean of A and B | Differ—ence From Normal | Absolute Max and Min | | | | Total Fall | No. of Rain Days | Differ—ence From Normal | Max | | |
| | | A Max | B Min | | | Max | Date | Min | Date | | | | Fall | Date | |
| Metres | °C | °C | °C | °C | °C | °C | °C | °C | mm | mm | mm | mm | Hrs | | |
| Franz Josef EWS | 80 | 23.3 | 11.9 | 17.6 | +2.1 | 26.9 | 15 | 6.0 | 24 | 481 | 13 | +171 | 192 | 5 | 201 |
| Lake Moeraki EWS | 10 | 21.8 | 11.5 | 16.7 | .. | 25.4 | 12 | 6.0 | 9 | .. | .. | .. | .. | .. | .. |
| Haast AWS | 1 | 21.6 | 12.7 | 17.2 | +2.2 | 28.3 | 15 | 6.3 | 9 | 339 | 18 | +136 | 103 | 5 | .. |
| Milford Sound AWS | 3 | 21.7 | 12.1 | 16.9 | +1.5 | 29.1 | 4 | 7.2 | 24 | 549 | 15 | +82 | 200 | 5 | .. |
| Milford Sound EWS | 3 | 21.8 | 12.1 | 17.0 | .. | 29.4 | 4 | 7.1 | 24 | .. | .. | .. | .. | .. | .. |
| Castle Mount EWS | 2000 | 9.6 | 2.8 | 6.2 | +1.5 | 15.7 | 14 | -5.1 | 23 | 475 | 18 | .. | 151 | 5 | .. |
| Secretary Island AWS | 19 | 21.7 | 14.0 | 17.9 | +2.8 | 28.3 | 15 | 8.9 | 23 | .. | .. | .. | .. | .. | .. |
| Stephens Island AWS | 188 | 19.8 | 15.5 | 17.7 | .. | 22.9 | 21 | 11.7 | 23 | 64 | 11 | .. | 25 | 22 | .. |
| Motueka, Riwaka EWS | 8 | 24.6 | 13.5 | 19.1 | +1.3 | .. | .. | .. | .. | 66 | 9 | -15 | 35 | 1 | .. |
| Pelorus Sd, Crail Bay | 13 | 22.2 | 15.5 | 18.9 | +0.7 | 27.1 | 4 | 11.9 | 25 | 143 | 12 | +37 | 34 | 5 | .. |
| Nelson Aero | 2 | 23.4 | 15.2 | 19.3 | +1.1 | 27.0 | 21 | 10.1 | 25 | 79 | 8 | +16 | 32 | 1 | 192 |
| Appleby 2 EWS | 18 | 23.8 | 12.8 | 18.3 | +1.3 | 28.7 | 21 | 5.4 | 25 | 72 | 9 | +6 | 33 | 1 | 194 |
| Richmond EWS | 1 | 22.8 | 13.7 | 18.3 | +0.4 | 26.3 | 7 | 7.7 | 25 | 66 | 9 | .. | 24 | 1 | 209 |
| Nelson AWS | 6 | 23.0 | 15.3 | 19.2 | +0.9 | 26.5 | 22 | 10.9 | 25 | 74 | 10 | +22 | 26 | 1 | .. |
| Blenheim Research EWS | 4 | 23.6 | 14.3 | 19.0 | +1.1 | .. | .. | .. | .. | 40 | 9 | -5 | 9 | 25 | 194 |
| Blenheim Aero AWS | 36 | 24.0 | 12.8 | 18.4 | +0.7 | 30.8 | 4 | 7.0 | 17 | 55 | 13 | +7 | 14 | 22 | .. |
| Brothers Island AWS | 68 | 19.3 | 15.9 | 17.6 | +0.9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cape Campbell AWS | 6 | 20.0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hanmer Forest EWS | 363 | 22.7 | 9.7 | 16.2 | +0.4 | 33.0 | 4 | 1.7 | 9 | 195 | 12 | +136 | 38 | 14 | .. |
| Kaikoura, Middle Cree | 5 | 21.7 | 12.4 | 17.1 | +1.3 | 30.9 | 3 | 9.5 | 18 | 110 | 11 | .. | 26 | 14 | .. |
| Kaikoura AWS | 108 | 21.2 | 14.3 | 17.8 | +1.1 | 29.6 | 5 | 9.4 | 24 | 246 | 13 | +207 | 62 | 25 | .. |
| Arthurs Pass | 745 | 18.6 | 8.9 | 13.8 | +0.4 | 23.5 | 17 | 3.4 | 25 | 469 | 12 | +196 | 170 | 21 | .. |
| Arthurs Pass EWS | 745 | 18.5 | 8.9 | 13.7 | +0.1 | 23.6 | 17 | 3.2 | 25 | 285 | 14 | .. | 103 | 5 | .. |
| Arthurs Pass AWS | 743 | 17.8 | 9.0 | 13.4 | +0.5 | 22.4 | 28 | 3.3 | 25 | 318 | 16 | .. | 116 | 5 | .. |
| Culverden AWS | 181 | 21.7 | 12.1 | 16.9 | +0.2 | 31.4 | 4 | 6.6 | 9 | 106 | 11 | +66 | 31 | 22 | .. |
| Medbury CWS | 232 | 21.8 | 11.1 | 16.5 | -0.4 | 31.0 | 4 | 4.7 | 9 | 68 | 10 | .. | 21 | 22 | .. |
| Balmoral East CWS | 172 | 22.0 | 11.5 | 16.8 | .. | 31.7 | 4 | 5.3 | 9 | 90 | 10 | .. | 20 | 22 | .. |
| Waipara North Branch | 497 | 20.1 | 9.4 | 14.8 | .. | 28.6 | 4 | 1.5 | 9 | 74 | 12 | .. | 22 | 22 | .. |
| Waiaru School CWS | 136 | 23.1 | 12.2 | 17.7 | +0.1 | 33.7 | 4 | 6.1 | 9 | 139 | 10 | +88 | 27 | 22 | .. |
| Cheviot EWS | 75 | 23.3 | 12.2 | 17.8 | +1.1 | 33.9 | 4 | 8.0 | 9 | 178 | 13 | +125 | 51 | 26 | 194 |
| Upper Rakaia EWS | 1752 | 9.8 | 3.7 | 6.8 | -1.1 | 14.2 | 4 | -2.8 | 23 | 208 | 19 | +24 | 58 | 2 | .. |
| Mt Potts EWS | 2128 | 8.5 | 1.8 | 5.2 | -1.9 | 17.5 | 21 | -5.3 | 23 | .. | .. | .. | .. | .. | .. |
| Mt Cook EWS | 730 | 20.0 | 9.3 | 14.7 | +0.0 | 26.9 | 4 | 3.2 | 25 | 263 | 9 | -9 | 118 | 5 | .. |
| Mueller Hut EWS | 1818 | 10.5 | 4.5 | 7.5 | -0.8 | 17.2 | 4 | -2.4 | 24 | 454 | 13 | .. | 159 | 5 | .. |
| Mt Cook Aero AWS | 656 | 21.0 | 8.8 | 14.9 | +0.0 | 28.3 | 4 | 1.3 | 25 | 138 | 9 | .. | 59 | 5 | .. |
| Cass EWS | 571 | 21.7 | 8.9 | 15.3 | .. | 27.7 | 4 | 0.5 | 25 | 60 | 10 | .. | 31 | 22 | .. |
| Methven CWS | 313 | 21.9 | 11.8 | 16.9 | +0.9 | 30.9 | 4 | 3.9 | 25 | 72 | 12 | +13 | 28 | 22 | .. |
| Winchmore 2 EWS | 164 | 22.7 | 11.4 | 17.1 | .. | 32.6 | 4 | 3.4 | 25 | 60 | 9 | +4 | 22 | 22 | 226 |
| Chertsey CWS | 108 | 22.4 | 12.2 | 17.3 | +0.9 | 31.7 | 3 | 5.1 | 25 | 65 | 9 | +17 | 21 | 23 | .. |
| Mayfield at Ruapuna F | 325 | 22.0 | 10.6 | 16.3 | .. | 30.9 | 4 | 4.1 | 25 | 1 | 5 | .. | 0 | 11 | .. |
| Peel Forest | 286 | 22.3 | 10.7 | 16.5 | +1.2 | 32.1 | 3 | 2.9 | 25 | 62 | 14 | -39 | 28 | 22 | .. |
| Lismore, Racemans Hou | 168 | 23.8 | 12.4 | 18.1 | +2.3 | 32.6 | 3 | 5.6 | 25 | 77 | 9 | .. | 25 | 10 | .. |
| Ashburton Council | 101 | 25.1 | 11.7 | 18.4 | +1.5 | .. | .. | 5.6 | 25 | 75 | 11 | +20 | 28 | 22 | .. |
| Ashburton Aero AWS | 88 | 23.6 | 11.8 | 17.7 | +1.6 | 33.5 | 3 | 4.2 | 25 | 67 | 13 | +3 | 25 | 22 | 221 |
| Waipara West EWS | 130 | 23.5 | 12.7 | 18.1 | +1.0 | 33.0 | 4 | 7.2 | 9 | 51 | 8 | +6 | 14 | 22 | .. |
| Ohoka CWS | | 22.4 | 12.6 | 17.5 | .. | 32.4 | 3 | 7.0 | 25 | 33 | 4 | .. | 25 | 24 | .. |
| Rangiora EWS | 23 | 23.5 | 12.9 | 18.2 | +1.7 | 33.3 | 3 | 8.2 | 13 | 53 | 11 | +10 | 20 | 22 | 208 |
| Christchurch Aero | 37 | 23.6 | 13.0 | 18.3 | +1.4 | 33.9 | 4 | 8.4 | 9 | 94 | 14 | +54 | 32 | 15 | 216 |
| Christchurch Aero Bac | 37 | 23.6 | 13.1 | 18.4 | +1.7 | 34.0 | 4 | 8.5 | 9 | 77 | 12 | .. | 27 | 15 | .. |
| Christchurch Gardens | 7 | 24.3 | 13.8 | 19.1 | +1.8 | 33.5 | 4 | 7.6 | 24 | 77 | 14 | +38 | 21 | 22 | .. |
| Christchurch, Kyle St | 6 | 24.7 | 14.4 | 19.6 | +2.2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Christchurch Botanic | 17 | 24.1 | 13.9 | 19.0 | .. | 33.4 | 4 | 7.7 | 24 | 58 | 12 | .. | 20 | 22 | .. |
| Bromley EWS | 3 | 22.7 | 15.0 | 18.9 | .. | 31.2 | 6 | 9.6 | 24 | 34 | 11 | .. | 14 | 22 | 229 |
| Lincoln, Broadfield E | 18 | 23.6 | 13.2 | 18.4 | +1.6 | 33.6 | 3 | 8.3 | 9 | 88 | 12 | +51 | 32 | 22 | 213 |
| Sugar Loaf AWS | 496 | 19.6 | 12.2 | 15.9 | +1.0 | 29.5 | 3 | 6.1 | 24 | .. | .. | .. | .. | .. | .. |
| Diamond Harbour EWS | 122 | 22.9 | 14.4 | 18.7 | +1.7 | 32.2 | 4 | 8.6 | 24 | 74 | 11 | .. | 31 | 15 | 215 |
| Akaroa EWS | 45 | 23.9 | 14.2 | 19.1 | +1.4 | 35.1 | 4 | 9.1 | 24 | 182 | 12 | +129 | 80 | 15 | 188 |
| Le Bons Bay AWS | 238 | 19.9 | 13.7 | 16.8 | +1.4 | .. | .. | .. | .. | 104 | 11 | +68 | 48 | 15 | .. |
| Lake Tekapo, Air Safa | 762 | 21.3 | 8.1 | 14.7 | -0.2 | 30.2 | 4 | .. | .. | 43 | 9 | +3 | 22 | 22 | .. |
| Lake Tekapo EWS | 762 | 22.3 | 8.0 | 15.2 | +0.0 | 31.3 | 4 | 1.8 | 25 | 42 | 7 | +0 | 20 | 22 | 251 |
| Fairlie AWS | 403 | 20.9 | 10.4 | 15.7 | +0.7 | 29.9 | 3 | 4.7 | 25 | 61 | 8 | .. | 19 | 22 | .. |
| Pukaki Aerodrome AWS | 461 | 24.4 | 7.9 | 16.2 | +0.0 | 33.7 | 4 | 0.9 | 9 | 63 | 7 | +8 | 28 | 21 | .. |
| Orari Estate | 81 | 23.8 | 10.9 | 17.4 | +1.4 | 33.0 | 3 | 3.8 | 25 | 50 | 10 | -11 | 18 | 22 | .. |

Summary of the records of Temperature, Rainfall and Sunshine February 2023

| Station | Height of Station Above M.S.L. | Air Temperature | | | | | | | | Rainfall | | | | | Bright Sun—shine Hrs |
|-----------------------|--------------------------------|-----------------|-------|-----------------|-------------------------|----------------------|------|------|------|------------|------------------|-------------------------|------|------|-------------------------|
| | | Means of | | Mean of A and B | Differ—ence From Normal | Absolute Max and Min | | | | Total Fall | No. of Rain Days | Differ—ence From Normal | Max | | |
| | | A Max | B Min | | | Max | Date | Min | Date | | | | Fall | Date | |
| Metres | °C | °C | °C | °C | °C | °C | °C | °C | mm | mm | mm | mm | mm | | |
| Orari Estate EWS | 81 | 23.9 | 10.7 | 17.3 | +1.6 | 32.9 | 3 | 3.4 | 25 | 49 | 7 | .. | 18 | 22 | .. |
| Timaru Aero AWS | 27 | 23.3 | 10.7 | 17.0 | +1.4 | 32.7 | 3 | 4.5 | 25 | 46 | 4 | +1 | 23 | 22 | .. |
| Timaru EWS | 17 | 22.3 | 12.4 | 17.4 | +1.9 | 30.7 | 7 | 6.1 | 25 | 46 | 5 | -6 | 27 | 22 | .. |
| Otaio @ Springbank ro | 14 | 21.4 | 12.0 | 16.7 | .. | 30.1 | 7 | 6.0 | 25 | 50 | 5 | .. | 23 | 21 | .. |
| Waimate CWS | 39 | 22.5 | 12.1 | 17.3 | +1.8 | 31.5 | 3 | 5.4 | 25 | 34 | 5 | -10 | 17 | 21 | .. |
| Oamaru Airport AWS | 30 | 21.1 | 11.8 | 16.5 | +1.6 | 30.4 | 3 | 6.5 | 23 | 41 | 8 | -7 | 16 | 21 | .. |
| Albert Burn | 1280 | 15.2 | 6.6 | 10.9 | +0.4 | 20.2 | 13 | -0.2 | 9 | 263 | 14 | +43 | 112 | 5 | .. |
| Mt Larkins EWS | 1900 | 9.5 | 4.1 | 6.8 | +1.4 | 14.5 | 4 | -3.4 | 23 | 146 | 15 | .. | 47 | 5 | .. |
| Eglinton, Knobs Flat | 365 | 21.7 | 8.9 | 15.3 | +1.3 | 26.9 | 4 | 0.5 | 24 | 129 | 14 | -27 | 63 | 5 | .. |
| Tara Hills AWS | 485 | 23.6 | 8.6 | 16.1 | +0.1 | 31.9 | 4 | 1.4 | 9 | 50 | 5 | +12 | 32 | 21 | .. |
| Wanaka CWS | 331 | 24.0 | 11.2 | 17.6 | .. | 29.4 | 13 | 4.7 | 25 | 59 | 4 | .. | 33 | 21 | .. |
| Wanaka Aero AWS | 352 | 24.7 | 11.9 | 18.3 | +1.1 | 30.0 | 4 | 5.5 | 9 | 58 | 4 | +16 | 39 | 21 | .. |
| Windsor EWS | 81 | 23.1 | 10.0 | 16.6 | +1.6 | 33.6 | 3 | 4.4 | 9 | 26 | 4 | -25 | 18 | 21 | .. |
| Ranfurly EWS | 450 | 23.7 | 8.7 | 16.2 | +1.5 | 33.0 | 4 | 1.1 | 9 | 51 | 5 | +6 | 41 | 21 | .. |
| Oamaru AWS | 40 | 22.0 | 11.7 | 16.9 | +1.9 | 32.1 | 3 | 6.0 | 25 | 46 | 10 | -6 | 28 | 21 | .. |
| Palmerston | 21 | 22.8 | 10.0 | 16.4 | +1.7 | 33.0 | 3 | 2.9 | 9 | 71 | 7 | +11 | 47 | 21 | 204 |
| Middlemarch EWS | 213 | 24.7 | 8.2 | 16.5 | +1.3 | 35.6 | 4 | 0.6 | 25 | 62 | 5 | -8 | 49 | 21 | 204 |
| Swampy Summit AWS | 716 | 16.2 | 9.4 | 12.8 | +1.5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dunedin Aero AWS | 2 | 23.5 | 9.9 | 16.7 | +1.7 | 32.9 | 4 | 3.1 | 11 | 51 | 11 | -13 | 33 | 21 | .. |
| Dunedin, Musselburgh | 4 | 21.4 | 13.6 | 17.5 | +2.4 | 30.2 | 3 | 7.8 | 11 | 34 | 8 | -36 | 24 | 21 | 243 |
| Oamaru EWS | 20 | 21.3 | 11.7 | 16.5 | +2.3 | 31.6 | 3 | 5.7 | 25 | 51 | 6 | .. | 19 | 21 | 232 |
| Murchison Mtns EWS | 1140 | 13.8 | 6.6 | 10.2 | +0.8 | 20.8 | 4 | 0.3 | 24 | 243 | 14 | +16 | 90 | 5 | .. |
| Te Anau At Park HQ Cw | 204 | 21.9 | 11.6 | 16.8 | .. | 28.7 | 4 | 3.1 | 24 | .. | .. | .. | .. | .. | .. |
| Manapouri, West Arm J | 178 | 21.5 | 10.8 | 16.2 | +2.0 | 27.0 | 4 | 4.9 | 10 | 216 | 13 | -33 | 75 | 5 | .. |
| Manapouri Aero AWS | 209 | 22.5 | 9.2 | 15.9 | +1.5 | 28.8 | 4 | -0.4 | 24 | 81 | 10 | -4 | 35 | 5 | .. |
| Birchwood WXT AWS | 149 | 21.1 | 11.0 | 16.1 | +2.0 | 30.4 | 4 | 4.4 | 24 | 72 | 11 | .. | 28 | 21 | .. |
| Queenstown EWS | 322 | 22.6 | 10.0 | 16.3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Queenstown Aero AWS | 357 | 22.8 | 10.7 | 16.8 | +1.2 | 28.9 | 4 | 4.6 | 25 | 62 | 5 | +11 | 32 | 21 | 225 |
| Five Rivers CWS | 260 | 21.9 | 10.6 | 16.3 | +2.2 | 30.3 | 4 | 1.4 | 24 | 56 | 9 | .. | 26 | 21 | .. |
| Lumsden AWS | 194 | 22.4 | 9.8 | 16.1 | +1.7 | 31.2 | 4 | 1.2 | 24 | 48 | 9 | -32 | 22 | 21 | .. |
| Waipounamu CWS | 152 | 23.2 | 9.9 | 16.6 | +2.0 | 31.7 | 4 | 1.8 | 24 | 39 | 8 | .. | 20 | 21 | .. |
| Cromwell EWS | 213 | 26.5 | 11.1 | 18.8 | +1.2 | 32.6 | 4 | 3.9 | 25 | 46 | 6 | +7 | 36 | 21 | 254 |
| Lauder EWS | 375 | 24.9 | 9.4 | 17.2 | +1.3 | 31.9 | 4 | 1.6 | 9 | 59 | 4 | +16 | 46 | 21 | .. |
| Ophir 2 | 305 | 24.6 | 7.7 | 16.2 | +0.8 | 31.2 | 3 | -0.4 | 9 | 67 | 5 | +25 | 42 | 21 | .. |
| Alexandra | 150 | 26.4 | 11.4 | 18.9 | +1.2 | 33.6 | 4 | 5.7 | 23 | 50 | 9 | +9 | 27 | 21 | 232 |
| Clyde 2 EWS | 170 | 26.3 | 10.0 | 18.2 | +1.2 | 34.2 | 4 | 3.5 | 9 | 40 | 5 | -2 | 32 | 21 | .. |
| Alexandra AWS | 231 | 25.4 | 10.4 | 17.9 | +1.4 | 33.1 | 4 | 4.3 | 9 | 50 | 6 | .. | 35 | 21 | .. |
| Alexandra EWS | 132 | 26.0 | 11.2 | 18.6 | .. | 33.4 | 4 | 5.3 | 25 | 39 | 6 | .. | 26 | 21 | 244 |
| Roxburgh WXT AWS | 160 | 24.0 | 12.0 | 18.0 | +2.0 | .. | .. | 5.6 | 9 | 30 | 6 | .. | 21 | 21 | .. |
| Ettrick No.2 | 91 | 25.1 | 10.2 | 17.7 | +2.0 | 34.0 | 4 | 2.2 | 9 | 41 | 6 | -13 | 30 | 21 | .. |
| Tapanui EWS | 180 | 23.3 | 9.8 | 16.6 | .. | 33.4 | 4 | 2.7 | 24 | 67 | 12 | .. | 23 | 1 | .. |
| Gore AWS | 123 | 22.4 | 10.9 | 16.7 | +2.4 | 32.6 | 4 | 4.0 | 24 | 74 | 13 | -4 | 27 | 21 | .. |
| Gore EWS | 60 | 23.4 | 9.7 | 16.6 | .. | 34.1 | 4 | 1.1 | 24 | .. | 6 | .. | 17 | 5 | 208 |
| Invercargill Aero | 1 | 20.8 | 10.5 | 15.7 | +1.6 | 31.9 | 4 | 2.9 | 24 | 89 | 14 | +5 | 29 | 8 | 225 |
| Invercargill Aero AWS | 3 | 21.0 | 10.4 | 15.7 | +1.6 | 32.0 | 4 | 2.8 | 24 | 95 | 13 | +21 | 32 | 8 | .. |
| Invercargill Aero 2 E | | 20.9 | 10.2 | 15.6 | +1.7 | 32.0 | 4 | 2.6 | 24 | .. | .. | .. | .. | .. | .. |
| Tiwai Point EWS | 5 | 19.7 | 12.4 | 16.1 | +1.6 | 27.6 | 4 | 7.7 | 24 | .. | .. | .. | .. | .. | .. |
| Stewart Island EWS | 3 | 19.9 | 11.7 | 15.8 | .. | 26.2 | 3 | 5.9 | 10 | 118 | 14 | .. | 27 | 5 | .. |
| Balclutha, Telford Ew | 11 | 22.1 | 9.7 | 15.9 | +1.9 | 30.4 | 3 | 3.3 | 25 | 44 | 9 | -19 | 20 | 21 | 205 |
| Balclutha, Finegand E | 6 | 22.6 | 10.3 | 16.5 | .. | 30.9 | 3 | 4.1 | 25 | 46 | 9 | .. | 23 | 21 | .. |
| Nugget Point AWS | 131 | 19.3 | 12.3 | 15.8 | +1.8 | 26.3 | 4 | 6.3 | 9 | 57 | 12 | -8 | 19 | 21 | .. |
| Tautuku EWS | 25 | 20.1 | 11.3 | 15.7 | .. | 28.9 | 4 | 6.1 | 25 | 98 | 14 | .. | 33 | 21 | .. |
| South West Cape AWS | 103 | 18.8 | 12.7 | 15.8 | +2.6 | 26.5 | 4 | 6.9 | 8 | 90 | 13 | -6 | 25 | 5 | .. |
| Kiribati,Cassidy Chri | 3 | 30.3 | 24.8 | 27.6 | .. | 31.6 | 27 | .. | .. | .. | .. | .. | .. | .. | .. |
| Solomon, Munda | 6 | .. | 24.8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Solomon, Honiara | 56 | 32.5 | 24.6 | 28.6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Solomon, Henderson | 9 | 32.3 | 24.3 | 28.3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Solomon, Santa Cruz | 24 | .. | 24.6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Vanuatu,Pekoa | 56 | 31.1 | 23.4 | 27.3 | .. | .. | .. | 22.0 | 25 | 276 | 23 | .. | 50 | 6 | .. |
| Vanuatu, Bauerfield | 20 | 31.0 | 23.2 | 27.1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Vanuatu,Burtonfield | 70 | 31.8 | 23.2 | 27.5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| New Cal, Koumac | 18 | 30.4 | 22.2 | 26.3 | .. | 32.6 | 4 | 20.0 | 14 | .. | .. | .. | .. | .. | .. |
| New Cal, Oulop | 7 | 30.7 | 24.3 | 27.5 | .. | 32.4 | 6 | 17.7 | 14 | .. | .. | .. | .. | .. | .. |

Summary of the records of Temperature, Rainfall and Sunshine February 2023

| Station | Height of Station Above M.S.L. | Air Temperature | | | | | | | | Rainfall | | | | | Bright Sun—shine Hrs |
|-----------------------|--------------------------------|-----------------|-------|-----------------|-------------------------|----------------------|------|-------|------|------------|------------------|-------------------------|------|------|-------------------------|
| | | Means of | | Mean of A and B | Differ—ence From Normal | Absolute Max and Min | | | | Total Fall | No. of Rain Days | Differ—ence From Normal | Max | | |
| | | A Max | B Min | | | Max | Date | Min | Date | | | | Fall | Date | |
| Metres | °C | °C | °C | °C | °C | °C | °C | °C | mm | mm | mm | mm | mm | | |
| New Cal, Ouanaham | 29 | 30.3 | 23.3 | 26.8 | .. | 32.8 | 2 | 17.3 | 14 | .. | .. | .. | .. | .. | |
| New Cal, Nouma | 72 | 30.4 | 23.1 | 26.8 | .. | 33.8 | 8 | 20.9 | 18 | 15 | 14 | .. | 6 | 28 | |
| Kiribati, Tarawa | 2 | .. | 25.7 | .. | .. | .. | .. | .. | .. | 141 | 13 | .. | 76 | 23 | |
| Kiribati, Bonriki Int | 4 | .. | 26.0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Kiribati, Beru | 2 | .. | 25.6 | .. | .. | .. | .. | 23.5 | 25 | .. | .. | .. | .. | .. | |
| Kiribati, Arorae | 7 | 32.0 | 26.5 | 29.3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Tuvalu, Nui Is | 2 | .. | 26.7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Tuvalu, Funafuti Aero | 1 | 31.9 | 25.7 | 28.8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Tuvalu, Niulakita Is | 3 | 31.6 | 26.5 | 29.1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Fiji, Nadi Aero | 15 | 31.0 | 23.8 | 27.4 | .. | .. | .. | 21.9 | 14 | .. | .. | .. | .. | .. | |
| Fiji, Nausori Aero | 6 | 31.9 | 24.1 | 28.0 | .. | 33.5 | 12 | 22.5 | 21 | .. | .. | .. | .. | .. | |
| Wallis Island, Hihifo | 27 | 31.0 | 25.1 | 28.1 | .. | 32.1 | 21 | 22.4 | 4 | .. | .. | .. | .. | .. | |
| Maopopo, Futuna Isla | 36 | 31.7 | 25.2 | 28.5 | .. | 32.4 | 14 | 24.1 | 13 | 126 | 27 | .. | 43 | 12 | |
| Samoa, Faleolo | 4 | 31.6 | 24.1 | 27.9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Samoa, Apia | 1 | 29.9 | 23.9 | 26.9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Samoa, Pago Pago Aero | 3 | 31.0 | 25.2 | 28.1 | .. | .. | .. | 22.5 | 1 | .. | .. | .. | .. | .. | |
| Tonga, Queen Lavinia | 60 | .. | 24.8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Tonga, Keppel | 2 | 30.1 | 23.5 | 26.8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Tonga, Lupepauu | 67 | 29.9 | .. | .. | .. | 31.1 | 21 | .. | .. | .. | .. | .. | .. | .. | |
| Salote Pilolevu Airpo | 2 | 29.6 | 24.5 | 27.1 | .. | .. | .. | 20.9 | 7 | .. | .. | .. | .. | .. | |
| Tonga, Fuaamotu Aero | 38 | 30.1 | 24.3 | 27.2 | .. | 31.3 | 1 | 22.1 | 8 | .. | .. | .. | .. | .. | |
| Niue, Hanan Airport O | 59 | .. | 23.4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| CI Rarotonga Aero | 7 | 30.3 | 23.7 | 27.0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Hiva Hoa, Atuona | 51 | 31.8 | 23.9 | 27.9 | .. | 33.8 | 20 | 22.1 | 11 | .. | .. | .. | .. | .. | |
| Tahiti - Faaa | 1 | 31.4 | 24.7 | 28.1 | .. | 32.5 | 2 | 23.3 | 18 | .. | .. | .. | .. | .. | |
| Tuamotu, Takaroa | 2 | 31.2 | 25.3 | 28.3 | .. | 32.0 | 16 | 21.3 | 21 | .. | .. | .. | .. | .. | |
| Tuamotu, Hao | 3 | 30.1 | 25.8 | 28.0 | .. | 31.2 | 10 | 22.5 | 1 | .. | .. | .. | .. | .. | |
| Gambier, Rikitea | 91 | 29.5 | 24.0 | 26.8 | .. | 30.8 | 17 | 22.0 | 21 | .. | .. | .. | .. | .. | |
| Tubuai | 2 | 30.6 | 24.3 | 27.5 | .. | 31.5 | 1 | 22.5 | 9 | .. | .. | .. | .. | .. | |
| Rapa | 1 | 27.6 | 22.9 | 25.3 | .. | 29.0 | 2 | 18.8 | 24 | .. | .. | .. | .. | .. | |
| Raoul Island AWS | 50 | 26.0 | 20.6 | 23.3 | +0.0 | 27.4 | 10 | 17.4 | 24 | 151 | 13 | +30 | 81 | 12 | 217 |
| Enderby Is AWS | 39 | 14.4 | 9.9 | 12.2 | .. | 17.2 | 3 | 3.5 | 9 | 77 | 25 | .. | 20 | 18 | .. |
| Campbell Island AWS | 16 | 13.7 | 8.4 | 11.1 | +1.6 | 21.2 | 5 | 2.7 | 15 | 124 | 26 | +22 | 14 | 11 | .. |
| Chatham Island Aero A | 12 | 21.3 | 14.6 | 18.0 | +1.9 | 25.2 | 8 | 7.4 | 12 | 49 | 9 | -15 | 23 | 14 | .. |
| Georg Von Neumayer | 40 | -5.7 | -14.3 | -10.0 | .. | -1.8 | 6 | -22.4 | 19 | .. | .. | .. | .. | .. | .. |
| Ant South Pole | 2827 | -38.4 | -44.0 | -41.2 | .. | -28.4 | 1 | -56.0 | 25 | .. | .. | .. | .. | .. | .. |
| Halley Bay | 30 | -9.1 | -16.8 | -13.0 | .. | -3.3 | 2 | -23.9 | 24 | .. | .. | .. | .. | .. | .. |
| Gen Belgrano 2 | 256 | -3.5 | -10.0 | -6.8 | .. | 1.8 | 1 | -18.7 | 28 | .. | .. | .. | .. | .. | .. |
| Bellingshausen | 16 | 3.5 | 0.8 | 2.2 | .. | 7.8 | 10 | -4.5 | 27 | .. | .. | .. | .. | .. | .. |
| Base Jubany | 4 | 4.1 | 0.6 | 2.4 | .. | 8.4 | 10 | -6.0 | 27 | .. | .. | .. | .. | .. | .. |
| V C Marambio | 198 | 1.7 | -3.0 | -0.7 | .. | 9.1 | 3 | -9.2 | 27 | .. | .. | .. | .. | .. | .. |
| Eduardo Frei | 10 | 2.6 | -0.1 | 1.3 | .. | 7.0 | 11 | -5.2 | 27 | .. | .. | .. | .. | .. | .. |
| Arturo Prat | | 3.1 | 1.1 | 2.1 | .. | 6.0 | 9 | -3.3 | 27 | .. | .. | .. | .. | .. | .. |
| Bernado Ohiggins | 10 | 2.2 | -0.6 | 0.8 | .. | 5.7 | 16 | -4.7 | 22 | .. | .. | .. | .. | .. | .. |
| Palmer Station | 8 | 3.9 | 0.9 | 2.4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rothera Point | 16 | 2.4 | -0.5 | 1.0 | .. | 4.9 | 17 | -3.2 | 25 | .. | .. | .. | .. | .. | .. |
| Argentine Is, Faraday | 11 | 3.5 | 0.3 | 1.9 | .. | 6.7 | 11 | -2.7 | 28 | .. | .. | .. | .. | .. | .. |
| Gen San Martin | 4 | 4.3 | -1.1 | 1.6 | .. | 7.9 | 7 | -4.8 | 22 | .. | .. | .. | .. | .. | .. |
| Novolax Arevskaja | 99 | -1.3 | -5.9 | -3.6 | .. | 1.8 | 11 | -12.3 | 24 | .. | .. | .. | .. | .. | .. |
| Maitri | | -0.1 | -5.7 | -2.9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Syowa | 21 | -0.7 | -5.6 | -3.2 | .. | 2.0 | 6 | -8.0 | 12 | .. | .. | .. | .. | .. | .. |
| Mawson | 16 | -0.3 | -7.2 | -3.8 | .. | .. | .. | -10.0 | 28 | .. | .. | .. | .. | .. | .. |
| Davis | 13 | 0.6 | -5.3 | -2.4 | .. | .. | .. | -9.5 | 11 | .. | .. | .. | .. | .. | .. |
| Progress | 64 | -0.8 | -4.7 | -2.8 | .. | 3.9 | 16 | -9.9 | 11 | .. | .. | .. | .. | .. | .. |
| Mirnyj | 30 | -1.6 | -7.0 | -4.3 | .. | 2.7 | 12 | -14.1 | 27 | .. | .. | .. | .. | .. | .. |
| Vostok | 3420 | -36.9 | -48.9 | -42.9 | .. | -25.9 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| Casey | 41 | 0.8 | -5.8 | -2.5 | .. | .. | .. | -12.0 | 27 | .. | .. | .. | .. | .. | .. |
| Wilkins Runway East | 755 | -5.2 | -11.8 | -8.5 | .. | .. | .. | -21.1 | 28 | .. | .. | .. | .. | .. | .. |
| Durmunt Durville | 43 | -1.2 | -6.1 | -3.7 | .. | 3.5 | 2 | -12.2 | 25 | .. | .. | .. | .. | .. | .. |
| Mcmurdo | 24 | -4.8 | -11.0 | -7.9 | .. | -0.2 | 22 | -17.1 | 24 | .. | .. | .. | .. | .. | .. |
| Arrival Heights EWS | 218 | -6.7 | -12.5 | -9.6 | .. | -1.3 | 22 | -19.0 | 24 | .. | .. | .. | .. | .. | .. |
| Scott Base 2 EWS | 43 | -6.1 | -13.5 | -9.8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Darwin Airport | 31 | 31.1 | 20.6 | 25.9 | .. | 33.7 | 16 | 17.4 | 24 | .. | .. | .. | .. | .. | .. |

Summary of the records of Temperature, Rainfall and Sunshine February 2023

| Station | Height of Station Above M.S.L. | Air Temperature | | | | | | | | Rainfall | | | | Bright Sun-shine | |
|--|--------------------------------|-----------------|-------|-----------------|-------------------------|----------------------|------|------|------|------------|------------------|-------------------------|------|------------------|------|
| | | Means of | | Mean of A and B | Differ-ence From Normal | Absolute Max and Min | | | | Total Fall | No. of Rain Days | Differ-ence From Normal | Max | | |
| | | A Max | B Min | | | Max | Date | Min | Date | | | | Fall | | Date |
| Metres | °C | °C | °C | °C | °C | °C | °C | °C | mm | mm | mm | mm | Hrs | | |
| Late returns and corrections for January 2023 | | | | | | | | | | | | | | | |
| Auckland Aero | 7 | 23.5 | 17.2 | 20.4 | +0.4 | 26.1 | 8 | 14.5 | 18 | 420 | 20 | +362 | 245 | 27 | .. |
| Maraekakaho CWS | 150 | 21.9 | 14.1 | 18.0 | .. | 27.1 | 20 | 10.0 | 18 | 238 | 19 | .. | 59 | 10 | .. |
| Wellington Aero | 4 | 21.0 | 15.0 | 18.0 | +0.2 | 25.4 | 30 | 12.4 | 8 | 102 | 12 | +42 | 33 | 7 | .. |
| Taihape Rec | 433 | 23.3 | 12.0 | 17.7 | +0.8 | 27.5 | 21 | 2.5 | 1 | 157 | 13 | +89 | 37 | 7 | .. |
| Motueka, Riwaka EWS | 8 | 23.6 | 13.5 | 18.6 | +0.7 | .. | .. | .. | .. | 128 | 11 | +46 | 54 | 5 | .. |
| Boyle River Lodge | 600 | 24.8 | 11.0 | 17.9 | +2.1 | .. | .. | 5.0 | 9 | 15 | .. | -128 | 4 | 6 | .. |
| Mt Somers, Somer Down | 372 | 20.9 | 11.3 | 16.1 | .. | .. | .. | .. | .. | 151 | 16 | +53 | 59 | 6 | .. |
| Ashburton Council | 101 | 23.6 | 12.0 | 17.8 | +0.7 | 29.5 | 6 | 7.5 | 9 | 47 | 10 | -13 | 24 | 6 | .. |
| Christchurch Aero | 37 | 22.4 | 12.9 | 17.7 | +0.6 | 29.8 | 27 | 5.6 | 1 | 26 | 7 | -16 | 10 | 6 | 244 |
| Christchurch Gardens | 7 | 24.3 | 13.8 | 19.1 | +1.6 | .. | .. | .. | .. | 77 | 14 | +32 | 21 | 22 | .. |
| Ettrick No.2 | 91 | 25.3 | 10.4 | 17.9 | +1.8 | 33.2 | 31 | 5.5 | 28 | 36 | 7 | -24 | 22 | 6 | .. |
| Stewart Is | 3 | 19.8 | 11.5 | 15.7 | +2.1 | 24.7 | 26 | 7.1 | 21 | 55 | 11 | -83 | 20 | 26 | .. |
| Late returns and corrections for December 2022 | | | | | | | | | | | | | | | |
| Cape Turnagain AWS | 285 | 16.8 | 12.9 | 14.9 | +0.5 | 22.4 | 29 | 8.9 | 3 | .. | .. | .. | .. | .. | .. |
| Motueka, Riwaka EWS | 8 | 23.1 | 11.6 | 17.4 | +0.8 | .. | .. | .. | .. | 101 | 16 | +2 | 24 | 14 | .. |
| Mt Somers, Somer Down | 372 | 19.8 | 9.5 | 14.7 | .. | 30.4 | 29 | 5.5 | 8 | 185 | 20 | +73 | 47 | 19 | .. |
| Ashburton Council | 101 | 22.0 | 11.2 | 16.6 | +0.9 | 33.5 | 29 | 4.9 | 6 | .. | .. | .. | .. | .. | .. |
| Late returns and corrections for November 2022 | | | | | | | | | | | | | | | |
| Mt Somers, Somer Down | 372 | 18.8 | 7.7 | 13.3 | .. | 25.0 | 2 | 2.2 | 5 | 220 | 21 | +118 | 44 | 30 | .. |
| Ashburton Council | 101 | 20.9 | 9.5 | 15.2 | +1.7 | 27.2 | 2 | 4.4 | 28 | 80 | 15 | +20 | 22 | 19 | .. |
| Stewart Is | 3 | .. | .. | .. | .. | .. | .. | 1.0 | 29 | 72 | .. | -62 | .. | .. | .. |
| Late returns and corrections for October 2022 | | | | | | | | | | | | | | | |
| Wairoa, North Clyde E | 15 | 19.0 | 8.9 | 14.0 | +0.0 | 25.3 | 29 | 1.2 | 7 | .. | .. | .. | .. | .. | .. |
| Late returns and corrections for August 2022 | | | | | | | | | | | | | | | |
| Taihape Rec | 433 | 13.8 | 3.2 | 8.5 | +1.4 | 21.5 | 19 | -4.0 | 14 | 67 | .. | -19 | 33 | 26 | .. |
| Late returns and corrections for June 2022 | | | | | | | | | | | | | | | |
| Cape Turnagain AWS | 285 | 12.1 | 8.8 | 10.5 | +1.3 | 17.2 | 1 | 4.6 | 21 | .. | .. | .. | .. | .. | .. |
| Stewart Is | 3 | 11.6 | 2.9 | 7.3 | +0.3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Late returns and corrections for May 2022 | | | | | | | | | | | | | | | |
| Cape Turnagain AWS | 285 | 14.6 | 11.0 | 12.8 | +1.5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

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 mm.

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