## NEW ZEALAND METEOROLOGICAL SERVICE

### Climatological Table

*Summary of the Records of Temperature, Rainfall, and Sunshine for August, 1949*

| 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 Rain Days. | Difference from Normal. | Maximum Fall. Amount. | Date. | Bright Sunshine. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ft. | °F. | °F. | °F. | °F. | °F. | | °F. | | In. | | In. | In. | | Hours. |
| Te Paki, Te Hapua .. | 200 | 59·7 | 46·8 | 53·2 | +0·3 | 66·1 | 31 | 37·4 | 5 | 5·31 | 18 | (−0·35) | 1·76 | 6 | 139·2 |
| Kaitaia .. .. | 253 | 58·3 | 46·1 | 52·2 | .. | 62·7 | 10 | 40·0 | 20, 28 | 4·59 | 20 | .. | 1·10 | 6 | .. |
| Kerikeri .. .. | 201 | 60·6 | 42·3 | 51·4 | (+0·8) | 65·5 | 25 | 33·5 | 20 | 5·07 | 12 | .. | 2·33 | 6 | 129·5 |
| Waipoua State Forest | 225 | 57·3 | 43·2 | 50·2 | −0·6 | 62·0 | 25 | 36·6 | 6 | 12·58 | 27 | (+5·18) | 2·52 | 8 | 83·8 |
| Glenbervie, Whangarei | 350 | 57·1 | 42·2 | 49·6 | .. | 62·0 | 25 | 30·2 | 20 | 6·83 | 15 | .. | 2·78 | 6 | .. |
| Dargaville .. .. | 3 | 59·2 | 44·8 | 52·0 | (+0·5) | 64·0 | 25 | 36·0 | 17 | 5·70 | 18 | (+1·18) | 1·90 | 30 | 118·4 |
| Riverhead .. .. | 105 | 58·5 | 40·5 | 49·5 | +0·1 | 62·5 | 11 | 31·0 | 6 | 4·35 | 19 | (−1·04) | 1·42 | 7 | .. |
| Woodhill .. .. | 400 | 57·1 | 46·8 | 52·0 | .. | 61·0 | 17 | 40·5 | 6 | 3·49 | 19 | .. | 0·69 | 7 | .. |
| Whenuapai .. .. | 101 | 58·1 | 42·6 | 50·4 | .. | 61·7 | 17 | 33·5 | 17 | 3·22 | 16 | .. | 0·67 | 7 | .. |
| Auckland .. .. | 160 | 58·1 | 47·1 | 52·6 | +0·5 | 62·6 | 13 | 42·3 | 27 | 2·99 | 15 | −1·64 | 0·85 | 7 | 117·5 |
| Owairaka .. .. | 150 | 57·9 | 43·9 | 50·9 | .. | 62·3 | 17 | 36·9 | 6 | 2·92 | 17 | .. | 0·51 | 7 | .. |
| Oratia, Henderson .. | 136 | 57·9 | 42·3 | 50·1 | .. | 61·5 | 13 | 33·3 | 17 | 3·91 | 15 | .. | 0·76 | 7 | .. |
| Paerata .. .. | 166 | 57·9 | 43·0 | 50·4 | (−0·5) | 61·0 | 5, 9 | 36·0 | 27 | 2·96 | 21 | −1·25 | 0·72 | 7 | .. |
| Thames .. .. | 4 | 58·2 | 43·7 | 51·0 | .. | 64·1 | 9 | 33·5 | 27 | 7·55 | 18 | .. | 4·07 | 7 | 121·8 |
| Whangamata .. | 50 | 60·0 | 41·2 | 50·6 | +0·3 | 65·5 | 9 | 30·0 | 28 | 7·10 | 11 | (+0·22) | 4·39 | 7 | .. |
| Maioro .. .. | 172 | 57·9 | 44·3 | 51·1 | (+0·8) | 60·6 | 13 | 36·0 | 7 | 2·81 | 18 | (−1·83) | 0·55 | 8 | .. |
| Maramarua .. .. | 170 | 57·2 | 41·6 | 49·4 | .. | 61·8 | 9 | 32·0 | 27 | 3·46 | 19 | .. | 0·93 | 7 | .. |
| Waihi .. .. | 300 | 58·2 | 43·0 | 50·6 | +2·0 | 64·5 | 9 | 32·5 | 31 | 8·99 | 18 | +0·62 | 6·20 | 7 | 129·6 |
| Paeroa .. .. | 27 | 58·9 | 42·3 | 50·6 | .. | 62·0 | 22, 23 | 30·0 | 27 | 6·65 | 17 | .. | 4·32 | 7 | .. |
| Te Aroha .. .. | 46 | 59·2 | 43·4 | 51·3 | +1·2 | 64·0 | 9 | 32·5 | 6, 31 | 5·30 | 27 | +0·15 | 2·85 | 7 | .. |
| Tauranga .. .. | 10 | 59·5 | 41·8 | 50·6 | +1·0 | 65·7 | 9 | 32·1 | 27 | 2·50 | 9 | −2·24 | 1·59 | 7 | 142·1 |
| Ruakura Farm, Hamilton | 131 | 57·7 | 40·4 | 49·0 | +0·6 | 63·9 | 9 | 28·1 | 27 | 1·75 | 16 | −2·26 | 0·33 | 26 | 115·3 |
| Rukuhia .. .. | 215 | 57·7 | 42·5 | 50·1 | .. | 64·7 | 23 | 31·2 | 19 | 1·78 | 15 | .. | 0·29 | 26 | 120·1 |
| Rotoehu Plantation .. | 235 | 58·5 | 37·6 | 48·0 | +0·9 | 64·1 | 11 | 29·3 | 27 | 1·99 | 11 | −3·96 | 0·59 | 7 | .. |
| Whakatane .. .. | 6 | 60·0 | 41·4 | 50·7 | .. | 69·5 | 27 | 32·5 | 20 | 2·26 | 12 | .. | 0·70 | 19 | .. |
| Opotiki .. .. | 27 | 59·7 | 40·7 | 50·2 | .. | 65·0 | 8 | 31·0 | 27 | 1·41 | 9 | .. | 0·41 | 7 | .. |
| Rotorua Airfield .. | 980 | 56·0 | 39·0 | 47·5 | (+1·2) | 64·0 | 12 | 29·0 | 16, 27 | 1·50 | 12 | −3·67 | 0·50 | 7 | 127·2 |
| Whakarewarewa .. | 1,000 | 55·9 | 38·3 | 47·1 | +0·8 | 62·0 | 12 | 28·5 | 16 | 2·84 | 13 | −2·10 | 0·87 | 2 | .. |
| Gisborne .. .. | 12 | 58·3 | 42·9 | 50·6 | (+1·1) | 66·2 | 22 | 33·2 | 20 | 5·82 | 16 | (+2·11) | 1·84 | 7 | 163·7 |
| Pukahunui, Kaingaroa | 2,190 | 49·6 | 32·8 | 41·2 | .. | 58·0 | 8 | 24·4 | 27 | 3·44 | 18 | .. | 0·70 | 7 | .. |
| Manutuke, Gisborne .. | 20 | 58·4 | 41·0 | 49·7 | (+1·2) | 64·8 | 23 | 28·8 | 20 | 5·06 | 18 | .. | 1·11 | 10 | 161·0 |
| Waerenga-o-kuri .. | 1,130 | 54·5 | 41·3 | 47·9 | .. | 61·0 | 28 | 30·3 | 20 | 7·24 | 13 | .. | 1·89 | 7 | .. |
| Lake Waikaremoana .. | 2,100 | 49·8 | 38·5 | 44·2 | (+0·8) | 57·0 | 28 | 31·0 | 27 | 12·20 | 19 | +5·58 | 2·99 | 8 | .. |
| Taumarunui .. | 560 | 57·4 | 39·2 | 48·3 | .. | 64·1 | 10 | 29·4 | 27 | 3·64 | 17 | .. | 0·65 | 7 | 109·5 |
| New Plymouth .. | 160 | 55·5 | 44·5 | 50·0 | +0·4 | 59·3 | 12 | 34·2 | 27 | 6·05 | 16 | +0·44 | 1·01 | 13, 19 | 136·6 |
| Chateau Tongariro .. | 3,670 | 43·4 | 31·6 | 37·5 | +0·4 | 53·0 | 8 | 24·0 | 15 | 9·57 | 19 | (+1·17) | 3·05 | 7 | .. |
| Karioi .. .. | 2,125 | 49·5 | 33·7 | 41·6 | +0·5 | 57·0 | 12 | 22·5 | 27 | 4·58 | 15 | +0·62 | 1·20 | 6 | .. |
| Napier .. .. | 5 | 58·4 | 43·6 | 51·0 | +2·1 | 66·6 | 23 | 32·7 | 20 | 5·39 | 14 | +2·40 | 1·41 | 2 | 149·3 |
| Hastings .. .. | 45 | 58·4 | 39·2 | 48·8 | +0·7 | 67·0 | 22, 23 | 29·0 | 20 | 6·00 | 14 | +3·04 | 1·79 | 7 | .. |
| Taihape .. .. | 2,157 | 49·5 | 37·2 | 43·4 | +0·5 | 55·3 | 12 | 28·2 | 27 | 2·93 | 17 | +0·22 | 0·61 | 2 | .. |
| Gwavas .. .. | 1,140 | 54·7 | 34·7 | 44·7 | .. | 65·8 | 25 | 24·0 | 27 | 10·41 | 15 | .. | 3·83 | 7 | .. |
| Wanganui .. .. | 72 | 55·1 | 43·6 | 49·4 | (+0·9) | 60·8 | 24 | 34·5 | 19 | 3·90 | 14 | +1·13 | 0·70 | 2 | 136·2 |
| Waipukurau .. | 450 | 55·7 | 37·9 | 46·8 | (+0·4) | 67·7 | 22 | 28·1 | 20 | 6·95 | 16 | +3·87 | 2·39 | 8 | 149·7 |
| Marton .. .. | 462 | 52·9 | 40·7 | 46·8 | .. | 58·0 | 11 | 30·6 | 19 | 3·74 | 14 | .. | 0·75 | 2 | .. |
| Ohakea .. .. | 167 | 55·0 | 42·6 | 48·8 | (+1·2) | 58·8 | 24 | 33·1 | 19 | 3·34 | 16 | +0·58 | 0·60 | 7 | .. |
| Tangimoana .. | 8 | 57·1 | 42·5 | 49·8 | +1·8 | 61·0 | 27 | 33·0 | 19 | 3·84 | 14 | +0·93 | 0·89 | 2 | .. |
| Flock House, Bulls .. | 30 | 54·4 | 41·3 | 47·8 | .. | 58·2 | 24 | 29·2 | 19 | 3·69 | 14 | .. | 0·81 | 7 | .. |
| P.R.B., Palmerston N. | 110 | 54·5 | 41·5 | 48·0 | +0·4 | 59·0 | 12 | 29·0 | 19 | 3·21 | 17 | (−0·14) | 0·72 | 24 | 118·7 |
| Pahiatua .. .. | 384 | 54·0 | 40·7 | 47·4 | +1·0 | 58·6 | 21 | 26·8 | 19 | 4·43 | 21 | +0·18 | 0·69 | 2 | .. |
| Levin .. .. | 100 | 57·4 | 41·3 | 49·4 | .. | 57·6 | 11 | 31·8 | 27 | 2·96 | 16 | .. | 0·97 | 17 | .. |
| Kapiti Island .. | 44 | 53·9 | 45·2 | 49·6 | +0·8 | 56·8 | 28 | 37·4 | 19 | 2·60 | 11 | −1·27 | 1·55 | 18 | .. |
| Waingawa, Masterton | 350 | 55·6 | 38·2 | 46·9 | +1·2 | 62·5 | 22, 24 | 26·0 | 4 | 4·33 | 16 | +0·07 | 1·29 | 8 | 143·8 |
| Wallaceville .. .. | 195 | 54·5 | 39·4 | 47·0 | (+1·2) | 59·3 | 12 | 26·5 | 19 | 4·66 | 18 | −0·80 | 1·61 | 8 | 130·5 |
| Wellington .. .. | 415 | 52·2 | 42·7 | 47·4 | +0·2 | 56·3 | 28, 29 | 34·8 | 3, 19 | 4·42 | 15 | +0·00 | 1·69 | 17 | 147·5 |
| Nelson .. .. | 24 | 56·2 | 37·9 | 47·0 | +0·0 | 61·6 | 24 | 32·4 | 19 | 1·71 | 5 | −1·62 | 0·92 | 17 | 201·9 |
| Appleby, Nelson .. | 57 | 56·7 | 37·6 | 47·2 | +0·7 | 62·5 | 24 | 31·2 | 19, 21 | 1·55 | 8 | (−1·62) | 0·67 | 5 | .. |
| Woodbourne .. | 89 | 56·3 | 37·6 | 47·0 | (−0·4) | 63·9 | 24 | 29·1 | 27 | 1·30 | 10 | (−1·35) | 0·69 | 17 | 189·0 |
| Blenheim .. .. | 12 | 56·2 | 38·0 | 47·1 | (+0·2) | 64·2 | 24, 28 | 29·8 | 27, 31 | 1·03 | 8 | (−1·26) | 0·66 | 17 | 191·6 |
| Golden Downs .. | 900 | 55·7 | 32·3 | 44·0 | +1·2 | 62·0 | 24 | 24·0 | 6 | 1·10 | 5 | (−3·70) | 0·31 | 26 | .. |
| Waihopai .. .. | 860 | 54·3 | 35·4 | 44·8 | +0·3 | 61·2 | 28 | 27·8 | 31 | 1·48 | 9 | (−1·23) | 0·43 | 5 | .. |
| Westport .. .. | 7 | 54·1 | 40·0 | 47·0 | (+0·5) | 61·2 | 9 | 64·8 | 19 | 7·26 | 18 | (+0·85) | 1·93 | 1 | 151·1 |
| Molesworth .. .. | 2,930 | 45·0 | 27·4 | 36·2 | (−1·1) | 55·0 | 24 | 20·2 | 19 | 1·49 | 8 | (−0·72) | 0·84 | 8 | .. |
| Greymouth .. .. | 13 | 53·2 | 40·7 | 47·0 | .. | 58·4 | 9 | 31·3 | 11 | 5·56 | 18 | .. | 1·13 | 23 | 140·4 |
| Hanmer Springs .. | 1,225 | 51·2 | 30·1 | 40·6 | −0·8 | 61·2 | 23 | 20·0 | 11 | 5·72 | 12 | +2·24 | 2·24 | 8 | 157·5 |
| Hokitika Airfield .. | 12 | 52·8 | 36·2 | 44·5 | −0·5 | 60·6 | 9 | 30·3 | 8 | 6·25 | 18 | −3·05 | 2·38 | 16 | 148·9 |
| Balmoral .. .. | 743 | 52·6 | .. | .. | .. | 62·4 | 23 | .. | .. | 2·69 | 12 | (+0·48) | 0·62 | 5 | .. |
| Lake Coleridge .. | 1,195 | 51·7 | 31·4 | 41·6 | −1·1 | 60·1 | 27 | 23·0 | 7 | 4·02 | 10 | +1·15 | 1·29 | 16 | .. |
| Darfield .. .. | 604 | 54·3 | 33·8 | 44·0 | (+1·7) | 62·2 | 27 | 24·7 | 31 | 1·78 | 10 | −0·76 | 0·77 | 5 | .. |
| Christchurch .. | 22 | 53·3 | 33·9 | 43·6 | −0·6 | 66·7 | 23 | 25·1 | 31 | 1·09 | 12 | −0·96 | 0·33 | 7 | .. |
| Wigram .. .. | 74 | 53·8 | 33·8 | 43·8 | (−0·6) | 65·7 | 23 | 22·5 | 31 | 1·10 | 9 | −0·89 | 0·40 | 5 | 182·3 |
| Rudstone, Methven .. | 1,217 | 51·6 | 35·5 | 43·6 | +0·1 | 60·4 | 27 | 27·0 | 7 | 3·75 | 11 | +0·78 | 0·96 | 5 | 191·2 |
| Lincoln .. .. | 36 | 53·6 | 33·2 | 43·4 | +0·1 | 64·3 | 23 | 22·1 | 31 | 1·23 | 9 | −0·92 | 0·59 | 5 | 190·5 |
| The Hermitage .. | 2,510 | 44·4 | 29·5 | 37·0 | −1·0 | 54·9 | 27 | 20·1 | 7 | 14·07 | 12 | +2·86 | 4·30 | 23 | 100·0 |
| Ashburton .. .. | 323 | 54·3 | 33·7 | 44·0 | +0·9 | 67·2 | 27 | 24·2 | 3 | 2·09 | 10 | −0·14 | 1·02 | 5 | 172·4 |
| Jackson's Bay .. | 22 | 53·2 | 37·8 | 45·5 | −0·6 | 62·6 | 9 | 33·2 | 3, 19 | 9·36 | 18 | −5·91 | 3·05 | 20 | .. |
| Lake Tekapo .. | 2,350 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Fairlie .. .. | 1,004 | 51·7 | 26·8 | 39·2 | −1·0 | 67·0 | 27 | 12·0 | 7 | 2·39 | 10 | +0·55 | 0·72 | 5 | .. |
| Timaru .. .. | 56 | 53·6 | 32·9 | 43·2 | −0·6 | 67·5 | 27 | 24·8 | 7 | 1·32 | 9 | −0·07 | 0·52 | 5 | 173·0 |
| Milford Sound .. | 20 | 50·0 | 34·8 | 42·4 | (−0·4) | 57·6 | 8 | 29·4 | 3 | 21·88 | 18 | (+6·04) | 4·10 | 22 | .. |
| Waimate .. .. | 200 | 55·0 | 33·5 | 44·2 | −0·1 | 68·0 | 23 | 25·0 | 3 | 2·25 | 9 | +0·62 | 1·05 | 23 | 162·4 |
| Queenstown .. .. | 1,100 | 49·7 | 32·8 | 41·2 | −0·3 | 59·2 | 27 | 28·2 | 3 | 4·14 | 13 | −2·12 | 1·36 | 23 | 144·1 |
| Cromwell .. .. | 720 | 50·2 | 31·5 | 40·8 | .. | 60·0 | 27 | 24·8 | 31 | 0·87 | 8 | .. | 0·37 | 23 | .. |
| Ophir .. .. | 1,000 | 49·8 | 29·4 | 39·6 | +0·2 | 58·7 | 23 | 20·0 | 7 | 1·00 | 5 | +0·21 | 0·41 | 4 | .. |
| Waipiata .. .. | 1,550 | 47·1 | 31·3 | 39·2 | −0·4 | 56·4 | 23 | 23·2 | 7 | 1·01 | 8 | −0·09 | 0·36 | 23 | 165·7 |
| Earnscleugh .. .. | 500 | 51·5 | 30·0 | 40·8 | .. | 62·0 | 23 | 22·6 | 30 | 0·86 | 7 | .. | 0·49 | 22 | .. |