

NEW ZEALAND METEOROLOGICAL SERVICE

CLIMATOLOGICAL TABLE

Summary of the Records of Temperature, Rainfall, and Sunshine for January, 1944

| Station.                                   | Height of Station above M.S.L. | Air Temperatures in Degrees (Fahrenheit). |        |                  |                         |                               |       |          | Rainfall in Inches. |             |                  |                         |                | Bright Sunshine (Hours) |       |
|--|--------------------------------|---|--------|------------------|-------------------------|-------------------------------|-------|----------|---------------------|-------------|------------------|-------------------------|----------------|-------------------------|-------|
|  |                                | Means of                                  |        | Mean of A and B. | Difference from Normal. | Absolute Maximum and Minimum. |       |          |                     | Total Fall. | No. of Wet Days. | Difference from Normal. | Most in a Day. |                         |       |
|  |                                | A Max.                                    | B Min. |                  |                         | Maximum.                      | Date. | Minimum. | Date.               |             |                  |                         | Amount.        |                         | Date. |
|  | Ft.                            | °F.                                       | °F.    | °F.              | °F.                     | °F.                           | °F.   | °F.      | In.                 |             | In.              |                         |                |                         |       |
| Te Pahi, Te Hapua ..                       | 200                            |   |        |                  |                         |                               |       |          |                     |             |                  |                         |                |                         |       |
| Waipapakauri ..                            | 6                              | 75.3                                      | 53.1   | 64.2             | ..                      | 78.8                          | 19    | 42.7     | 25                  | 1.12        | 6                | ..                      | 0.32           | 14                      | ..    |
| Waipoua State Forest ..                    | 255                            | 72.9                                      | 52.3   | 62.6             | -0.5                    | 77.4                          | 18    | 44.2     | 21                  | 3.68        | 17               | (-0.47)                 | 1.04           | 21                      | 221.5 |
| Dargaville ..                              | 3                              | 74.9                                      | 52.8   | 63.8             | ..                      | 79.9                          | 18    | 42.4     | 30                  | 2.13        | 11               | ..                      | 0.69           | 4                       | 265.3 |
| Riverhead ..                               | 105                            | 73.8                                      | 50.3   | 62.0             | -0.2                    | 79.0                          | 6     | 42.0     | 25                  | 2.03        | 11               | ..                      | 1.02           | 19                      | ..    |
| Auckland ..                                | 160                            |   |        |                  |                         |                               |       |          |                     |             |                  |                         |                |                         |       |
| Maioro ..                                  | 172                            | 72.6                                      | 55.5   | 64.0             | ..                      | 75.5                          | 6     | 46.0     | 25                  | 1.74        | 8                | ..                      | 0.81           | 20                      | ..    |
| Waihi ..                                   | 404                            | 75.1                                      | 57.0   | 66.0             | +1.4                    | 80.0                          | 17    | 48.0     | 27                  | 1.02        | 5                | -4.66                   | 0.58           | 21                      | 269.6 |
| Wharekawa Nursery, Whangamata ..           | 50                             | 77.4                                      | 55.5   | 66.4             | (+1.2)                  | 85.0                          | 18    | 47.5     | 5                   | 1.42        | 9                | ..                      | 0.47           | 10                      | ..    |
| Te Aroha ..                                | 46                             | 79.5                                      | 56.4   | 68.0             | +1.0                    | 83.0                          | 5, 6  | 49.0     | 21                  | 1.29        | 7                | -2.36                   | 0.45           | 20                      | ..    |
| Tauranga ..                                | 10                             | 76.8                                      | 55.8   | 66.3             | +2.0                    | 82.1                          | 9     | 49.8     | 18                  | 0.40        | 7                | -3.73                   | 0.12           | 20                      | 285.5 |
| Ruakura Farm, Hamilton ..                  | 131                            |   |        |                  |                         |                               |       |          |                     |             |                  |                         |                |                         |       |
| Rotoehu Plantation ..                      | 235                            | 76.0                                      | 51.2   | 63.6             | (+0.5)                  | 83.0                          | 9     | 43.0     | 12                  | 0.62        | 8                | ..                      | 0.29           | 13                      | ..    |
| Rotorua ..                                 | 931                            | 76.6                                      | 54.3   | 65.4             | +1.3                    | 82.7                          | 28    | 45.3     | 11                  | 0.49        | 5                | -3.93                   | 0.30           | 20                      | 251.2 |
| Whakarewarewa ..                           | 1,000                          | 76.6                                      | 51.2   | 63.9             | +0.4                    | 85.2                          | 9     | 42.2     | 11                  | 2.14        | 4                | -2.50                   | 1.07           | 13                      | ..    |
| Gisborne ..                                | 12                             | 75.0                                      | 55.5   | 65.2             | (-0.1)                  | 85.4                          | 19    | 42.2     | 4                   | 5.09        | 12               | +2.73                   | 2.06           | 21                      | 253.8 |
| Onepoto, Lake Waikaremoana ..              | 2,110                          | 68.0                                      | 52.4   | 60.2             | (+0.2)                  | 78.6                          | 17    | 43.5     | 3                   | 14.63       | 14               | +9.33                   | 3.31           | 22                      | ..    |
| New Plymouth (Marsland Hill) ..            | 160                            | 70.4                                      | 55.4   | 62.9             | +0.4                    | 73.2                          | 6     | 46.5     | 11                  | 2.30        | 7                | -2.05                   | 0.74           | 20                      | 299.3 |
| Chateau Tongariro ..                       | 3,670                          | 62.3                                      | 42.6   | 52.4             | (+0.3)                  | 69.0                          | 6     | 35.0     | 11                  | 1.92        | 11               | ..                      | 0.61           | 20                      | ..    |
| Karioi ..                                  | 2,125                          | 64.5                                      | 42.6   | 53.6             | -2.9                    | 73.0                          | 6     | 31.0     | 4, 11               | 1.76        | 6                | (-2.00)                 | 0.98           | 20                      | ..    |
| Napier ..                                  | 5                              | 73.6                                      | 56.7   | 65.2             | -0.3                    | 88.8                          | 18    | 45.0     | 4                   | 2.47        | 9                | -0.23                   | 0.89           | 22                      | 252.9 |
| Hastings ..                                | 45                             | 78.1                                      | 53.6   | 65.8             | +0.4                    | 92.0                          | 18    | 40.0     | 4                   | 2.42        | 6                | (+0.18)                 | 0.91           | 22                      | ..    |
| Taihape ..                                 | 2,157                          | 70.6                                      | 49.6   | 60.1             | +1.1                    | 79.7                          | 17    | 40.0     | 4                   | 1.37        | 5                | -1.91                   | 0.81           | 20                      | ..    |
| Wanganui ..                                | 72                             | 71.4                                      | 55.3   | 63.4             | (+0.2)                  | 83.1                          | 18    | 44.5     | 4                   | 1.25        | 5                | -1.68                   | 0.72           | 20                      | 287.3 |
| Tangimoana ..                              | 8                              | 73.3                                      | 53.9   | 63.6             | +1.1                    | 82.0                          | 18    | 42.0     | 4                   | 1.34        | 5                | -1.14                   | 0.89           | 20                      | ..    |
| Ohakea ..                                  | 167                            | 72.5                                      | 53.7   | 63.1             | ..                      | 84.0                          | 7     | 40.6     | 4                   | 1.31        | 5                | ..                      | 0.96           | 20                      | ..    |
| Plant Research Bureau, Palmerston North .. | 110                            | 71.8                                      | 53.6   | 62.7             | +0.1                    | 81.7                          | 6     | 44.0     | 4                   | 1.39        | 5                | (-1.83)                 | 1.07           | 20                      | 253.6 |
| Pahiatua ..                                | 384                            | 71.8                                      | 52.3   | 62.0             | +0.0                    | 84.2                          | 6     | 33.8     | 4                   | 1.72        | 9                | -2.05                   | 0.90           | 20                      | ..    |
| Kapiti Island ..                           | 44                             | 68.4                                      | 56.3   | 62.4             | +0.7                    | 74.0                          | 18    | 48.0     | 4                   | 1.69        | 3                | -1.16                   | 0.63           | 18                      | ..    |
| Waingawa, Masterton ..                     | 350                            | 73.1                                      | 49.8   | 61.4             | -1.7                    | 85.0                          | 17    | 36.0     | 4                   | 2.43        | 5                | -0.14                   | 1.51           | 20                      | 239.5 |
| Wallaceville ..                            | 195                            | 71.1                                      | 50.8   | 61.0             | ..                      | 80.3                          | 6     | 33.1     | 4                   | 1.68        | 6                | (-1.71)                 | 0.91           | 20                      | 245.8 |
| Wellington ..                              | 415                            | 68.3                                      | 54.0   | 61.2             | +0.0                    | 78.0                          | 6     | 42.9     | 4                   | 1.95        | 9                | -0.96                   | 1.03           | 20                      | 238.5 |
| Nelson ..                                  | 24                             | 73.3                                      | 56.1   | 64.7             | +2.0                    | 81.0                          | 9     | 50.5     | 5                   | 0.60        | 4                | -2.31                   | 0.50           | 20                      | 286.9 |
| Appleby, Nelson ..                         | 57                             | 74.5                                      | 54.7   | 64.6             | (+2.1)                  | 83.2                          | 2     | 49.2     | 23                  | 0.53        | 4                | (-2.26)                 | 0.45           | 20                      | ..    |
| Blenheim ..                                | 60                             | 73.9                                      | 51.1   | 62.5             | (-1.8)                  | 83.2                          | 16    | 40.0     | 12                  | 0.61        | 4                | (-1.18)                 | 0.45           | 14                      | 280.2 |
| Woodbourne Aerodrome ..                    | 89                             | 74.1                                      | 52.1   | 63.1             | ..                      | 85.1                          | 8     | 40.3     | 4                   | 0.34        | 6                | ..                      | 0.15           | 22                      | ..    |
| Golden Downs ..                            | 900                            | 74.1                                      | 48.0   | 61.0             | +1.5                    | 82.9                          | 5     | 41.0     | 1, 12               | 1.08        | 5                | ..                      | 0.73           | 14                      | ..    |
| Waihopai ..                                | 860                            | 76.1                                      | 50.8   | 63.4             | +1.7                    | 90.2                          | 5     | 39.0     | 4                   | 0.30        | 6                | (-2.24)                 | 0.11           | 13                      | ..    |
| Westport ..                                | 23                             | 68.5                                      | 55.9   | 62.2             | (+2.2)                  | 76.0                          | 4     | 50.0     | 11                  | 1.56        | 7                | -5.44                   | 0.74           | 17                      | 272.5 |
| Hanmer Springs ..                          | 1,225                          | 73.3                                      | 47.2   | 60.2             | +0.6                    | 90.3                          | 1     | 36.0     | 12                  | 3.88        | 7                | +0.17                   | 2.19           | 20                      | 230.4 |
| Balmoral ..                                | 743                            | 74.2                                      | 48.3   | 61.2             | +0.1                    | 91.5                          | 1     | 33.5     | 4                   | 2.11        | 8                | (-0.02)                 | 1.23           | 20                      | ..    |
| Hokitika ..                                | 12                             | 70.1                                      | 53.6   | 61.8             | +1.2                    | 79.2                          | 22    | 48.0     | 3                   | 4.81        | 10               | -5.46                   | 1.65           | 7                       | 232.4 |
| Lake Coleridge ..                          | 1,220                          | 72.6                                      | 48.5   | 60.6             | +0.7                    | 88.3                          | 1     | 39.0     | 4, 11               | 1.16        | 7                | -1.52                   | 0.44           | 17                      | ..    |
| Darfield ..                                | 640                            |   |        |                  |                         |                               |       |          |                     |             |                  |                         |                |                         |       |
| Christchurch ..                            | 22                             | 71.3                                      | 53.6   | 62.4             | +1.0                    | 85.0                          | 18    | 46.2     | 3                   | 0.73        | 12               | -1.47                   | 0.24           | 20                      | 248.8 |
| Wigram Aerodrome, Sockburn ..              | 74                             | 71.5                                      | 52.4   | 62.0             | (+0.8)                  | 85.8                          | 18    | 46.0     | 3, 4                | 0.87        | 10               | ..                      | 0.31           | 20                      | ..    |
| Rudstone, Methven ..                       | 1,217                          | 71.5                                      | 48.7   | 60.1             | +1.3                    | 87.1                          | 1     | 40.4     | 4                   | 3.89        | 11               | -0.17                   | 2.33           | 19                      | 253.7 |
| Lincoln ..                                 | 36                             | 71.7                                      | 51.3   | 61.5             | -0.1                    | 85.3                          | 17    | 44.2     | 4                   | 1.21        | 9                | -1.00                   | 0.34           | 19                      | 250.7 |
| Akaroa (Onawe, Duvau-chelle's Bay) ..      | 150                            |   |        |                  |                         |                               |       |          |                     |             |                  |                         |                |                         |       |
| Hermitage, Mount Cook ..                   | 2,510                          | 68.8                                      | 47.5   | 58.2             | (+2.7)                  | 81.0                          | 24    | 36.0     | 11                  | 17.06       | 9                | -2.37                   | 9.50           | 17                      | 201.8 |
| Ashburton ..                               | 323                            | 73.0                                      | 50.8   | 61.9             | +1.9                    | 86.9                          | 7     | 41.2     | 4                   | 1.41        | 12               | -1.24                   | 0.36           | 13                      | 251.8 |
| Lake Tekapo ..                             | 2,350                          |   |        |                  |                         |                               |       |          |                     |             |                  |                         |                |                         |       |
| Jacksons Bay ..                            | 22                             | 67.0                                      | 52.8   | 59.9             | (+1.4)                  | 75.2                          | 22    | 44.2     | 10                  | 9.30        | 15               | ..                      | 3.28           | 17                      | ..    |
| Fairlie* ..                                | 1,000                          | 75.5                                      | 45.3   | 60.4             | +1.3                    | 88.3                          | 7     | 32.7     | 4                   | 1.43        | ..               | -1.37                   | 0.45           | 13                      | ..    |
| Timaru ..                                  | 56                             | 71.2                                      | 50.7   | 61.0             | +0.4                    | 87.2                          | 7     | 40.6     | 4                   | 0.87        | 8                | -1.55                   | 0.30           | 14                      | 249.3 |
| Waimate ..                                 | 200                            | 70.1                                      | 50.2   | 60.2             | +0.6                    | 86.0                          | 7     | 42.0     | 4, 16               | 1.03        | 8                | -1.61                   | 0.40           | 26                      | 200.1 |
| Milford Sound ..                           | 20                             | 67.1                                      | 51.0   | 59.0             | (+2.5)                  | 78.2                          | 22    | 42.0     | 20                  | 15.36       | 15               | ..                      | 6.01           | 17                      | ..    |
| Queenstown ..                              | 1,110                          |   |        |                  |                         |                               |       |          |                     |             |                  |                         |                |                         |       |
| Ophir ..                                   | 1,000                          | 75.0                                      | 46.9   | 61.0             | +1.0                    | 86.5                          | 24    | 35.8     | 15                  | 1.09        | 4                | -0.91                   | 0.78           | 17                      | ..    |
| Waipiata ..                                | 1,550                          | 70.5                                      | 46.1   | 58.3             | +0.3                    | 82.0                          | 6     | 34.0     | 11                  | 0.99        | 6                | -1.18                   | 0.53           | 17                      | 256.1 |
| Alexandra ..                               | 520                            | 75.8                                      | 51.3   | 63.6             | +2.0                    | 89.5                          | 4     | 40.0     | 11                  | 1.63        | 6                | -0.18                   | 0.97           | 17                      | 257.5 |
| Manorburn Dam ..                           | 2,448                          | 66.5                                      | 42.1   | 54.3             | +1.3                    | 77.8                          | 4     | 27.0     | 11                  | 1.43        | 6                | -0.97                   | 0.80           | 17                      | ..    |
| Dunedin (Beta Street Reservoir) ..         | 690                            | 65.6                                      | 49.4   | 57.5             | (+0.5)                  | 82.5                          | 7     | 39.6     | 12                  | 3.56        | 17               | +0.14                   | 1.06           | 1                       | 220.3 |
| Taieri ..                                  | 80                             | 68.8                                      | 46.6   | 57.7             | ..                      | 89.0                          | 7     | 32.4     | 3                   | 2.02        | 16               | ..                      | 0.61           | 19                      | ..    |
| East Gore ..                               | 245                            | 69.5                                      | 47.3   | 58.4             | +0.5                    | 80.0                          | 24    | 35.0     | 3                   | 2.21        | 14               | -1.02                   | 0.60           | 17                      | ..    |
| Gore ..                                    | 240                            | 71.0                                      | 48.3   | 59.6             | ..                      | 81.0                          | 4, 6  | 36.0     | 3                   | 2.10        | 13               | ..                      | 0.62           | 18                      | 210.8 |
| Invercargill ..                            | 12                             | 67.8                                      | 49.0   | 58.4             | +1.2                    | 79.0                          | 6     | 33.0     | 3                   | 3.54        | 15               | -0.64                   | 0.80           | 17                      | 205.8 |
| Invercargill (City Engineer) ..            | 8                              | 67.6                                      | 49.7   | 58.6             | ..                      | 79.5                          | 6     | 36.0     | 3                   | 3.50        | 16               | ..                      | 0.81           | 1                       | ..    |

LATE RETURNS

|   |       |      |      |      |        |      |    |      |        |      |    |         |      |    |    |
|---|-------|------|------|------|--------|------|----|------|--------|------|----|---------|------|----|----|
| Whakarewarewa, Dec., 1943 ..              | 1,000 | 71.8 | 53.0 | 62.4 | +1.7   | 80.5 | 22 | 42.5 | 21     | 4.33 | 13 | +0.40   | 1.07 | 19 | .. |
| Appleby, Nelson, Dec., 1943 ..            | 57    | 72.2 | 53.7 | 63.0 | (+1.3) | 80.0 | 24 | 46.2 | 20     | 1.53 | 6  | (-1.39) | 0.78 | 1  | .. |
| Waihopai, Dec., 1943 ..                   | 860   | 74.1 | 49.6 | 61.8 | +2.1   | 81.8 | 30 | 43.0 | 21, 27 | 1.45 | 5  | (-1.40) | 1.18 | 2  | .. |
| Wigram Aerodrome, Sockburn, Dec., 1943 .. | 74    | 70.7 | 50.7 | 60.7 | (+1.1) | 87.0 | 15 | 40.4 | 6      | 0.19 | 5  | ..      | 0.15 | 18 | .. |

\* Fairlie observations other than rainfall taken from 4th to 20th January only.