

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for April 1981—continued

| Station                           | Height of Station Above M.S.L. | Air Temperature in Degrees Celsius |        |                 |                        |                              |      |         |      | Rainfall in Millimetres |                  |                        |              | Bright Sunshine<br>Hrs |      |
|-----------------------------------|--------------------------------|------------------------------------|--------|-----------------|------------------------|------------------------------|------|---------|------|-------------------------|------------------|------------------------|--------------|------------------------|------|
|                                   |                                | Means of                           |        | Mean of A and B | Difference From Normal | Absolute Maximum and Minimum |      |         |      | Total Fall              | No. of Rain Days | Difference From Normal | Maximum Fall |                        |      |
|                                   |                                | A Max.                             | B Min. |                 |                        | Maximum                      | Date | Minimum | Date |                         |                  |                        | Amount       |                        | Date |
|                                   |                                | °C                                 | °C     | °C              | °C                     | °C                           | °C   | °C      | °C   | mm                      | mm               | mm                     | mm           |                        |      |
| LATE RETURNS AND CORRECTIONS      |                                |                                    |        |                 |                        |                              |      |         |      |                         |                  |                        |              |                        |      |
| Port Taharoa 02/1981              | 27                             | 23.4                               | 16.6   | 20.0            | +1.0                   | 29.0                         | 23   | 12.8    | 3    | 72                      | ..               | ..                     | ..           | ..                     |      |
| Port Taharoa 03/1981              | 27                             | 24.4                               | 16.9   | 20.7            | +2.6                   | 29.0                         | 22   | 9.7     | 30   | 113                     | ..               | ..                     | 24           | 18                     |      |
| Arapuni Power Station 03/1981     | 123                            | 24.2                               | ..     | ..              | ..                     | 28.4                         | 22   | ..      | ..   | 74                      | 11               | -17                    | 35           | 26                     |      |
| Pureora Forest 03/1981            | 549                            | 19.6                               | 11.9   | 15.8            | +2.2                   | 23.0                         | 2    | 1.2     | 30   | 117                     | 19               | +5                     | 27           | 25                     |      |
| Waingawa, Masterton 03/1981       | 114                            | 23.6                               | 12.3   | 18.0            | +2.4                   | 31.6                         | 9    | 1.5     | 30   | 42                      | 11               | -34                    | 10           | 25                     |      |
| Ruatoria 03/1981                  | 61                             | 23.9                               | 15.5   | 19.7            | +2.2                   | 29.2                         | 11   | 7.4     | 31   | 29                      | 15               | -123                   | 6            | 4                      |      |
| Esk Forest 03/1981                | 427                            | 20.8                               | 13.2   | 17.0            | +2.0                   | 26.7                         | 9    | 3.2     | 31   | 156                     | 14               | +21                    | 62           | 18                     |      |
| Hastings 03/1981                  | 12                             | 23.7                               | 13.8   | 18.8            | +1.6                   | 32.8                         | 10   | 4.8     | 31   | 65                      | 9                | +4                     | 31           | 18                     |      |
| Gwavas Forest 03/1981             | 335                            | 21.6                               | 11.2   | 16.4            | +2.0                   | 29.5                         | 10   | 3.5     | 31   | 140                     | 13               | +31                    | 48           | 18                     |      |
| Wharite Peak 03/1981              | 914                            | 15.6                               | 9.6    | 12.6            | +2.1                   | 25.5                         | 9    | 1.0     | 29   | 137                     | 19               | -10                    | 23           | 4                      |      |
| Kairanga Palmerston North 03/1981 | 15                             | 23.5                               | 13.4   | 18.5            | +2.2                   | 31.1                         | 9    | 2.6     | 30   | 56                      | 7                | ..                     | 19           | 27                     |      |
| Palmerston North D S I R 03/1981  | 34                             | 23.1                               | 14.6   | 18.9            | +2.5                   | 31.3                         | 9    | 5.9     | 30   | 58                      | 8                | -16                    | 18           | 26                     |      |
| Foxton 03/1981                    | 3                              | ..                                 | ..     | ..              | ..                     | ..                           | ..   | ..      | ..   | 54                      | 9                | -2                     | 21           | 27                     |      |
| Waitarere Forest 03/1981          | 3                              | 22.2                               | 13.9   | 18.1            | +2.1                   | 29.7                         | 9    | 1.5     | 30   | 53                      | 7                | -8                     | 29           | 17                     |      |
| Kahui, Taihape 03/1981            | 518                            | 22.2                               | 12.0   | 17.1            | +2.2                   | 28.2                         | 9    | 3.3     | 30   | 54                      | 10               | ..                     | 11           | 28                     |      |
| Wanganui Airport 03/1981          | 9                              | 23.1                               | 14.6   | 18.9            | ..                     | 31.0                         | 9    | 5.3     | 30   | 66                      | 9                | ..                     | 30           | 26                     |      |
| Christchurch 03/1981              | 7                              | 20.4                               | 11.7   | 16.1            | +1.1                   | 30.4                         | 22   | 4.3     | 19   | 41                      | 10               | -17                    | 11           | 8                      |      |
| Lincoln 03/1981                   | 11                             | 20.7                               | 10.7   | 15.7            | +1.3                   | 29.0                         | 22   | 2.0     | 19   | 41                      | 10               | -25                    | 12           | 8                      |      |
| Geraldine 03/1981                 | 119                            | 19.6                               | 10.5   | 15.1            | ..                     | 27.5                         | 10   | 3.5     | 20   | 55                      | 12               | ..                     | 17           | 8                      |      |
| Adair 02/1981                     | 85                             | 20.1                               | 11.8   | 16.0            | +0.6                   | 32.5                         | 10   | 7.5     | 20   | 38                      | 12               | -20                    | 10           | 23                     |      |
| Adair 03/1981                     | 85                             | 18.2                               | 10.8   | 14.5            | +0.7                   | 25.0                         | 10   | 5.5     | 20   | 69                      | 14               | +11                    | 19           | 8                      |      |
| Tara Hills, Omarama 03/1981       | 488                            | 19.4                               | 8.5    | 14.0            | +0.8                   | 27.5                         | 10   | 1.7     | 20   | 116                     | 12               | +63                    | 28           | 6                      |      |
| Naseby Forest 03/1981             | 610                            | 18.4                               | 6.0    | 12.2            | +0.7                   | 25.2                         | 10   | -1.6    | 19   | 95                      | 11               | +29                    | 35           | 6                      |      |
| West Arm, Manapouri 02/1981       | 232                            | 18.0                               | 8.9    | 13.5            | -0.4                   | 24.0                         | 9    | 4.0     | 8    | 243                     | 17               | ..                     | 69           | 16                     |      |
| West Arm, Manapouri 03/1981       | 232                            | 16.1                               | 9.2    | 12.7            | +0.3                   | 22.0                         | 1    | 1.2     | 21   | 226                     | 17               | ..                     | 36           | 5                      |      |
| Moa Creek 03/1981                 | 427                            | 21.3                               | 7.0    | 14.2            | +2.3                   | 29.0                         | 1    | -1.4    | 30   | 89                      | 14               | +46                    | 64           | 6                      |      |
| Beaumont 03/1981                  | 46                             | 19.8                               | 8.7    | 14.3            | ..                     | 26.0                         | 10   | 2.5     | 29   | 90                      | 16               | +6                     | 31           | 6                      |      |
| Mahinerangi Dam 03/1981           | 396                            | 16.5                               | 8.0    | 12.3            | +0.9                   | 22.5                         | 5    | 0.1     | 29   | 98                      | 13               | +7                     | 39           | 6                      |      |
| Stewart Island 03/1981            | 3                              | 15.8                               | 8.8    | 12.3            | ..                     | 22.0                         | 5    | 1.5     | 30   | 102                     | 29               | ..                     | 33           | 26                     |      |
| Tautuku 11/1980                   | 61                             | 14.2                               | 5.5    | 9.9             | ..                     | 28.0                         | 19   | 0.8     | 10   | 182                     | 25               | ..                     | 23           | 22                     |      |
| Tautuku 12/1980                   | 61                             | 17.5                               | ..     | ..              | ..                     | 29.2                         | 14   | ..      | ..   | 97                      | 20               | ..                     | 27           | 20                     |      |
| Tautuku 01/1981                   | 61                             | ..                                 | 8.5    | ..              | ..                     | ..                           | ..   | 3.0     | 12   | 78                      | 18               | ..                     | 18           | 5                      |      |
| Tautuku 02/1981                   | 61                             | ..                                 | 9.2    | ..              | ..                     | ..                           | ..   | 5.5     | 8    | 48                      | 19               | ..                     | 15           | 16                     |      |
| Tautuku 03/1981                   | 61                             | ..                                 | ..     | ..              | ..                     | ..                           | ..   | ..      | ..   | 156                     | 19               | ..                     | 51           | 26                     |      |
| Nandi Airport, Fiji 03/1981       | 19                             | 31.8                               | 22.3   | 27.1            | +0.3                   | 34.7                         | 21   | 19.9    | 27   | 157                     | 18               | ..                     | 25           | 19                     |      |
| Rarotonga Airport 03/1981         | 7                              | 28.8                               | 23.7   | 26.3            | +0.6                   | 30.7                         | 1    | 21.0    | 12   | 71                      | 21               | -175                   | 13           | 18                     |      |
| Totokoitu, Rarotonga 03/1981      | 9                              | 28.4                               | 23.4   | 25.9            | ..                     | 30.2                         | 5    | 20.0    | 25   | 127                     | 22               | ..                     | 32           | 27                     |      |
| Raoul Island 11/1980              | 38                             | 21.4                               | 15.5   | 18.5            | -0.3                   | 23.2                         | 9    | 13.2    | 13   | 34                      | 14               | -47                    | 10           | 17                     |      |
| Raoul Island 12/1980              | 38                             | 22.3                               | 16.9   | 19.6            | -0.9                   | 24.9                         | 28   | 13.1    | 13   | 195                     | 9                | +106                   | 109          | 12                     |      |
| Raoul Island 01/1981              | 38                             | 24.4                               | 21.1   | 22.8            | +1.2                   | 25.6                         | 15   | 16.7    | 1    | 176                     | 20               | +85                    | 83           | 10                     |      |
| Raoul Island 02/1981              | 38                             | 25.4                               | 21.2   | 23.3            | +0.9                   | 27.0                         | 21   | 19.5    | 3    | 132                     | 16               | -23                    | 28           | 7                      |      |
| Campbell Island 03/1981           | 15                             | 11.3                               | 7.2    | 9.3             | +0.8                   | 15.7                         | 21   | 3.5     | 29   | 115                     | 23               | -15                    | 26           | 9                      |      |

The "normal" refers to the present site of the instruments. Standard period for normals is 1941-1970. No normals are available for stations with only short records.

\*Indicates that the sunshine recorder is not located at the station but is in the near vicinity.

A rainy day is a day with rainfall equal to or greater than 0.1 mm.

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