

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for September 1984—continued

| Station               | Height of Station Above M.S.L. | Air Temperature in Degrees Celsius |        |                 |                         |                              |      |          |      | Rainfall in Millimetres |                  |                         |              |      | Bright Sun-shine<br>Hrs |
|-----------------------|--------------------------------|------------------------------------|--------|-----------------|-------------------------|------------------------------|------|----------|------|-------------------------|------------------|-------------------------|--------------|------|-------------------------|
|                       |                                | Means of                           |        | Mean of A and B | Differ-ence From Normal | Absolute Maximum and Minimum |      |          |      | Total Fall              | No. of Rain Days | Differ-ence From Normal | Maximum Fall |      |                         |
|                       |                                | A Max.                             | B Min. |                 |                         | Maxi-mum                     | Date | Mini-mum | Date |                         |                  |                         | Amount       | Date |                         |
| Metres                | °C                             | °C                                 | °C     | °C              | °C                      | °C                           | °C   | °C       | mm   | mm                      | mm               | mm                      | mm           |      |                         |
| Kaitoke               | 223                            | 12.6                               | 6.0    | 9.3             | +0.1                    | 16.5                         | 13   | -0.5     | 28   | 151                     | 23               | -22                     | 24           | 26   | 77                      |
| Wallaceville          | 56                             | 14.1                               | 6.3    | 10.2            | +0.2                    | 17.5                         | 23   | -0.8     | 9    | 68                      | 21               | -33                     | 14           | 13   | 115                     |
| Cape Egmont           | 8                              | 15.1                               | 8.4    | 11.8            | +0.0                    | 17.5                         | 21   | 3.0      | 9    | 75                      | 15               | -33                     | 21           | 26   | ..                      |
| Stratford Mtn House   | 846                            | 8.7                                | 2.4    | 5.6             | -0.4                    | 11.9                         | 5    | -0.9     | 9    | 237                     | 19               | -348                    | 57           | 26   | ..                      |
| Stratford Dem Farm    | 311                            | 13.3                               | 5.0    | 9.2             | -0.1                    | 16.2                         | 21   | 0.1      | 17   | 76                      | 14               | -92                     | 29           | 26   | 134                     |
| Kapuni                | 173                            | ..                                 | ..     | ..              | ..                      | ..                           | ..   | ..       | ..   | ..                      | ..               | ..                      | ..           | ..   | ..                      |
| Manaia Dem Farm       | 98                             | 14.0                               | 5.6    | 9.8             | -0.6                    | 17.2                         | 11   | 0.4      | 9    | 55                      | 14               | -44                     | 18           | 13   | 149                     |
| Normanby              | 122                            | 13.8                               | 5.8    | 9.8             | -0.4                    | 17.5                         | 23   | -0.8     | 20   | 30                      | 21               | ..                      | 9            | 13   | ..                      |
| Patea                 | 43                             | ..                                 | ..     | ..              | ..                      | ..                           | ..   | ..       | ..   | ..                      | ..               | ..                      | ..           | ..   | ..                      |
| Pipiriki              | 80                             | 16.1                               | 6.0    | 11.1            | ..                      | 19.0                         | 23   | 1.1      | 8    | 88                      | 14               | ..                      | 30           | 26   | ..                      |
| Ohakune Junction      | 629                            | 11.7                               | 3.5    | 7.6             | +0.2                    | 15.2                         | 21   | -0.9     | 8    | 87                      | 15               | -33                     | 31           | 26   | ..                      |
| Karioi                | 648                            | 11.9                               | 2.9    | 7.4             | -0.4                    | 16.1                         | 24   | -1.8     | 7    | 86                      | 18               | -5                      | 20           | 23   | ..                      |
| Waiouru               | 823                            | 10.8                               | 2.3    | 6.6             | +0.0                    | 14.0                         | 12   | -2.6     | 7    | 54                      | 20               | -28                     | 11           | 26   | ..                      |
| Waiouru Military Camp | 823                            | 10.1                               | 2.5    | 6.3             | +0.0                    | 13.9                         | 23   | -3.6     | 7    | 61                      | 21               | -31                     | 12           | 26   | ..                      |
| Ahu Ahu Valley        | 85                             | 15.5                               | 5.2    | 10.4            | ..                      | 18.6                         | 21   | -0.2     | 20   | 65                      | 16               | ..                      | 22           | 26   | ..                      |
| Taihape               | 433                            | 13.6                               | 3.3    | 8.5             | -0.3                    | 17.6                         | 13   | -2.1     | 20   | 35                      | 20               | -47                     | 11           | 26   | ..                      |
| Kahui, Taihape        | 518                            | 12.7                               | 4.3    | 8.5             | -0.4                    | 17.0                         | 23   | 0.5      | 20   | 44                      | 17               | -30                     | 9            | 26   | ..                      |
| Wanganui              | 22                             | 15.6                               | 8.1    | 11.9            | +0.5                    | 20.2                         | 24   | 3.5      | 8    | 58                      | 13               | -5                      | 17           | 26   | 143                     |
| Wanganui Airport      | 9                              | 15.5                               | 7.1    | 11.3            | ..                      | 19.9                         | 24   | 1.4      | 9    | 59                      | 12               | -1                      | 19           | 26   | ..                      |
| Totaranui             | 10                             | 14.8                               | 6.9    | 10.9            | ..                      | 18.6                         | 5    | 3.2      | 30   | 111                     | 12               | -23                     | 31           | 10   | ..                      |
| Westport Airport      | 2                              | 14.9                               | 6.6    | 10.8            | +0.5                    | 17.7                         | 22   | 2.9      | 20   | 144                     | 16               | -32                     | 23           | 28   | 175                     |
| Cobb Dam              | 823                            | 10.3                               | 1.4    | 5.9             | +0.1                    | 13.5                         | 6    | -4.2     | 17   | 127                     | 17               | -49                     | 32           | 11   | ..                      |
| Arapito               | 20                             | 15.5                               | 5.7    | 10.6            | ..                      | 19.3                         | 5    | 2.0      | 17   | 186                     | 16               | ..                      | 66           | 11   | 177                     |
| Lake Rotoroa          | 443                            | 13.6                               | 1.1    | 7.4             | ..                      | 16.9                         | 22   | -3.6     | 17   | 117                     | 18               | ..                      | 18           | 26   | ..                      |
| Lake Rotoiti          | 634                            | 12.4                               | 1.6    | 7.0             | +0.4                    | 15.6                         | 4    | -5.8     | 17   | 116                     | 15               | -18                     | 22           | 24   | ..                      |
| Hokitika Airport      | 39                             | 14.4                               | 5.6    | 10.0            | +0.3                    | 16.4                         | 18   | 1.4      | 8    | 196                     | 14               | -40                     | 45           | 24   | 175                     |
| Punakaiki             | 4                              | 15.9                               | 8.4    | 12.2            | ..                      | 18.0                         | 18   | 3.4      | 17   | 140                     | 15               | ..                      | 25           | 24   | ..                      |
| Reefton               | 198                            | 15.6                               | 4.5    | 10.1            | +1.0                    | 20.0                         | 22   | -0.6     | 8    | 114                     | 16               | -63                     | 30           | 12   | ..                      |
| Barrytown             | 30                             | 15.3                               | 8.3    | 11.8            | ..                      | 17.3                         | 18   | 5.7      | 20   | 155                     | 13               | -60                     | 30           | 24   | ..                      |
| Totara Flat           | 77                             | 16.5                               | 3.6    | 10.1            | +0.6                    | 19.9                         | 21   | -2.1     | 17   | 86                      | 14               | -75                     | 17           | 29   | ..                      |
| Greymouth             | 4                              | 15.3                               | 6.8    | 11.1            | +0.7                    | 18.7                         | 21   | 3.8      | 20   | 153                     | 15               | -41                     | 29           | 24   | 179                     |
| Otira Substation      | 383                            | 13.2                               | 3.4    | 8.3             | +0.9                    | 18.0                         | 22   | 0.0      | 17   | 313                     | 16               | -158                    | 65           | 12   | ..                      |
| Springs Junction      | 421                            | 13.1                               | 2.2    | 7.7             | +0.6                    | 18.5                         | 22   | -3.1     | 17   | 124                     | 14               | -69                     | 33           | 12   | ..                      |
| Pukekura              | 86                             | 14.6                               | 3.1    | 8.9             | ..                      | 17.8                         | 22   | -3.6     | 20   | 225                     | 15               | ..                      | 39           | 12   | ..                      |
| Hari Hari             | 45                             | 15.3                               | 4.0    | 9.7             | +0.6                    | 18.9                         | 23   | -1.1     | 20   | 299                     | 13               | -34                     | 56           | 12   | ..                      |
| Okarito               | 10                             | 14.4                               | 5.7    | 10.1            | ..                      | 16.9                         | 23   | 2.7      | 20   | 219                     | 14               | ..                      | 39           | 25   | ..                      |
| Franz Josef           | 155                            | 14.0                               | 5.5    | 9.8             | ..                      | 17.9                         | 23   | 2.5      | 30   | 355                     | 16               | ..                      | 96           | 12   | 141                     |
| Fox Glacier           | 152                            | 14.5                               | 4.6    | 9.6             | +1.0                    | 17.8                         | 23   | 1.0      | 30   | 329                     | 14               | -108                    | 92           | 12   | ..                      |
| Milford Sound         | 3                              | 13.6                               | 2.9    | 8.3             | -0.4                    | 17.2                         | 15   | 0.0      | 27   | 440                     | 14               | -126                    | 125          | 12   | ..                      |
| Puyssegur Point       | 43                             | 12.7                               | 6.4    | 9.6             | ..                      | 16.8                         | 4    | 3.0      | 29   | 232                     | 17               | +57                     | 88           | 12   | ..                      |
| Stephens Is           | 187                            | 12.4                               | 8.1    | 10.3            | +0.4                    | 16.5                         | 25   | 3.6      | 8    | 32                      | 11               | -30                     | 11           | 14   | ..                      |
| Riwaka Motueka        | 8                              | 15.4                               | 4.9    | 10.2            | +0.1                    | 18.7                         | 28   | 0.8      | 17   | 86                      | 15               | -20                     | 20           | 12   | 190                     |
| Tapawera              | 146                            | 15.6                               | 3.0    | 9.3             | ..                      | 18.7                         | 22   | -3.0     | 17   | 58                      | 13               | ..                      | 11           | 23   | ..                      |
| Crail Bay Pelorus Sd  | 13                             | 13.4                               | 8.4    | 10.9            | ..                      | 16.1                         | 15   | 4.7      | 9    | 138                     | ..               | ..                      | 38           | 10   | ..                      |
| Appleby               | 17                             | 15.2                               | 5.6    | 10.4            | +0.0                    | 18.9                         | 22   | 1.0      | 17   | 32                      | 11               | -38                     | 7            | 23   | ..                      |
| Nelson Airport        | 2                              | 14.7                               | 5.3    | 10.0            | +0.1                    | 18.3                         | 22   | 0.5      | 17   | 36                      | 14               | -35                     | 8            | 12   | 188                     |
| Rai Valley            | 79                             | 15.0                               | 5.5    | 10.3            | +0.5                    | 17.9                         | 28   | -1.7     | 9    | 124                     | 17               | -33                     | 35           | 10   | ..                      |
| Moutere Hills         | 110                            | 14.7                               | 6.8    | 10.8            | +0.3                    | 18.4                         | 22   | 3.0      | 17   | 50                      | 12               | -27                     | 14           | 23   | ..                      |
| Wairau Valley         | 162                            | 14.8                               | 3.8    | 9.3             | ..                      | 18.5                         | 4    | -2.5     | 17   | 44                      | 8                | ..                      | 17           | 12   | ..                      |
| Blenheim Airport      | 27                             | 15.2                               | 4.7    | 10.0            | -0.2                    | 20.6                         | 5    | -1.6     | 17   | 25                      | 8                | -32                     | 11           | 13   | ..                      |
| Brancott Valley       | 64                             | 15.4                               | 4.0    | 9.7             | ..                      | 20.1                         | 5    | -1.4     | 9    | 26                      | 7                | ..                      | 9            | 22   | ..                      |
| Blenheim              | 4                              | 15.8                               | 4.8    | 10.3            | -0.4                    | 20.7                         | 5    | -0.8     | 17   | 24                      | 9                | -23                     | 9            | 13   | 170                     |
| Wither Hills Blenheim | 32                             | 15.2                               | 5.5    | 10.4            | +0.0                    | 20.0                         | 5    | 0.0      | 9    | 20                      | 6                | -26                     | 8            | 13   | ..                      |
| Waihopai Power Stn    | 262                            | ..                                 | ..     | ..              | ..                      | ..                           | ..   | ..       | ..   | ..                      | ..               | ..                      | ..           | ..   | ..                      |
| Duntroon              | 350                            | ..                                 | ..     | ..              | ..                      | ..                           | ..   | ..       | ..   | ..                      | ..               | ..                      | ..           | ..   | ..                      |
| Lake Grassmere        | 2                              | 14.2                               | 7.2    | 10.7            | +0.2                    | 18.3                         | 11   | -2.3     | 17   | 38                      | 8                | +1                      | 12           | 18   | 163                     |
| Cape Campbell         | 3                              | 13.3                               | 8.6    | 11.0            | +0.6                    | 16.8                         | 25   | 5.5      | 9    | 34                      | 11               | -10                     | 13           | 22   | ..                      |
| Boyle River Lodge     | 600                            | ..                                 | ..     | ..              | ..                      | ..                           | ..   | ..       | ..   | ..                      | ..               | ..                      | ..           | ..   | ..                      |
| Hanmer Forest         | 387                            | 13.6                               | 2.7    | 8.2             | +0.1                    | 19.0                         | 11   | -2.0     | 9    | 56                      | 15               | -38                     | 10           | 18   | 122                     |
| Molesworth            | 893                            | 10.6                               | 0.4    | 5.5             | -0.3                    | 16.5                         | 4    | -3.9     | 2    | 27                      | 9                | -18                     | 9            | 12   | ..                      |
| Kaikoura Flats        | 24                             | 13.7                               | 4.9    | 9.3             | ..                      | 21.0                         | 12   | -0.4     | 9    | 83                      | 13               | ..                      | 40           | 18   | ..                      |
| Kaikoura              | 108                            | 12.7                               | 7.0    | 9.9             | +0.1                    | 21.6                         | 12   | 4.1      | 9    | 48                      | 12               | -5                      | 11           | 18   | 152                     |
| Arthurs Pass          | 738                            | 10.4                               | -0.2   | 5.1             | ..                      | 15.0                         | 23   | -4.5     | 21   | 321                     | 19               | -25                     | 75           | 12   | ..                      |
| Culverden             | 174                            | 14.4                               | 3.4    | 8.9             | ..                      | 19.5                         | 5    | -2.6     | 9    | 17                      | 9                | ..                      | 5            | 15   | ..                      |
| Balmoral Forest       | 198                            | 15.1                               | 3.0    | 9.1             | +0.4                    | 19.7                         | 5    | -3.0     | 28   | 20                      | 15               | -21                     | 5            | 18   | ..                      |
| Waiiau                | 137                            | 15.3                               | 3.6    | 9.5             | ..                      | 21.4                         | 11   | -2.0     | 9    | 26                      | 14               | ..                      | 7            | 18   | ..                      |
| Cheviot               | 85                             | 14.3                               | 3.8    | 9.1             | ..                      | 21.3                         | 12   | -1.5     | 9    | 36                      | 14               | ..                      | 9            | 21   | 130                     |
| The Hermitage Mt Cook | 765                            | 12.0                               | 1.0    | 6.5             | +0.0                    | 16.7                         | 23   | -1.8     | 9    | 188                     | 13               | -155                    | 49           | 12   | 130                     |
| Mt John               | 1027                           | 9.9                                | 1.3    | 5.6             | +0.3                    | 15.3                         | 5    | -2.5     | 30   | 33                      | 6                | -13                     | 14           | 29   | ..                      |
| Craigieburn Forest    | 914                            | ..                                 | ..     | ..              | ..                      | ..                           | ..   | ..       | ..   | ..                      | ..               | ..                      | ..           | ..   | ..                      |
| Lake Coleridge        | 364                            | 14.3                               | 2.7    | 8.5             | +0.1                    | 20.0                         | 5    | -2.2     | 21   | 47                      | 14               | -22                     | 9            | 15   | ..                      |
| Highbank Power Stn    | 336                            | 12.9                               | 4.0    | 8.5             | -0.2                    | 19.5                         | 5    | 0.6      | 21   | 23                      | 8                | -43                     | 8            | 13   | 161                     |
| Hororata Substation   | 192                            | 14.5                               | 3.2    | 8.9             | +0.3                    | 22.7                         | 5    | -2.9     | 17   | 22                      | 13               | -27                     | 9            | 13   | 153                     |
| Winchmore             | 160                            | 13.8                               | 3.7    | 8.8             | +0.1                    | 21.2                         | 5    | -2.2     | 21   | 21                      | 8                | -26                     | 8            | 13   | ..                      |
| Peel Forest           | 274                            | 14.2                               | 2.0    | 8.1             | +0.2                    | 20.8                         | 5    | -2.8     | 21   | 42                      | 16               | -13                     | 13           | 13   | ..                      |