

ANNUAL RAINFALL, 1931—continued.

| Station.                      | Observer.                     | Altitude. |        | Total Fall. | Number of Days. | Deviation from Normal. |                 | Greatest Fall in Twenty-four Hours. |       |
|-------------------------------|-------------------------------|-----------|--------|-------------|-----------------|------------------------|-----------------|-------------------------------------|-------|
|                               |                               | ft.       | in.    |             |                 | Total Fall.            | Number of Days. | Amount.                             | Date. |
| Benmore Station, Clearburn    | J. Sutherland                 | 1,600     | 22-30  | 119         | - 3             | +12                    | 1-08            | 1st February.                       |       |
| Hawea Flat                    | Mrs. E. McCarthy              | 1,100     | 27-47  | 81          | + 2             | +11                    | 1-37            | 3rd January.                        |       |
| Pembroke                      | J. Faulks                     | 970       | 29-97  | 89          | ..              | ..                     | 1-60            | 3rd January.                        |       |
| Luggate                       | Mrs. T. G. Fleming            | 1,100     | 22-81  | 76          | + 2             | - 5                    | 1-05            | 3rd January.                        |       |
| Otiake                        | Geo. D. Grant                 | 600       | 16-96  | 88          | - 3             | - 5                    | 1-20            | 27th January.                       |       |
| Tarras                        | H. Nind                       | 1,428     | 24-53  | 109         | + 5             | +28                    | 0-99            | 3rd January.                        |       |
| Duntroon                      | J. E. Tallentire              | 446       | 15-67  | 97          | - 6             | + 2                    | 1-45            | 27th January.                       |       |
| Glenorchy                     | Geo. Reid                     | 1,150     | 47-14  | 121         | ..              | ..                     | 2-01            | 21st February.                      |       |
| Steward Settlement            | F. R. Sanders                 | 215       | 13-87  | 62          | - 7             | -12                    | 1-26            | 27th January.                       |       |
| Blackstone Hill               | H. McCreadie (Postmaster)     | 3,200     | 30-17  | 97          | - 1             | + 2                    | 1-95            | 27th January.                       |       |
| Glade House                   | L. M. Cheriton                | 700       | 153-49 | 168         | ..              | ..                     | 4-80            | 21st February.                      |       |
| Arrowtown                     | A. Hamilton                   | 1,180     | 33-23  | 132         | ..              | ..                     | 1-60            | 3rd January.                        |       |
| Frankton, Lake Wakatipu       | J. W. Wallace (Postmaster)    | 1,080     | 33-84  | 117         | + 7             | 0                      | 1-43            | 3rd January.                        |       |
| Queenstown                    | H. O. Barker (Postmaster)     | 1,100     | 37-13  | 130         | + 6             | + 5                    | 1-50            | 21st February.                      |       |
| Naseby                        | M. E. Wood                    | 2,000     | 22-92  | 81          | - 2             | -17                    | 1-92            | 2nd February.                       |       |
| Ripponvale, Cromwell          | A. O. Bridgman                | 700       | 16-36  | 92          | ..              | ..                     | 0-97            | 3rd January.                        |       |
| Naseby Plantation             | A. S. Jenkins (S.F.S.)        | 2,300     | 23-82  | 116         | 0               | + 3                    | 2-06            | 2nd February.                       |       |
| Oamaru                        | W. Forrester                  | 10        | 17-23  | 121         | - 5             | +19                    | 0-78            | 23rd March, 29th August.            |       |
| Ophir                         | Rev. A. Don                   | 1,000     | 14-84  | 101         | - 1             | + 6                    | 1-03            | 27th January.                       |       |
| Clyde                         | E. W. George                  | 558       | 17-26  | 91          | + 2             | +15                    | 1-32            | 18th December.                      |       |
| Waipiata                      | John Lothian (Postmaster)     | 1,176     | 17-13  | 83          | 0               | + 5                    | 2-06            | 2nd February.                       |       |
| Waipiata Sanatorium           | Dr. A. Kidd                   | 1,550     | 18-74  | 129         | + 1             | - 1                    | 1-99            | 2nd February.                       |       |
| Moa Creek                     | S. Wragge                     | 1,470     | 19-46  | 123         | + 5             | +24                    | 1-12            | 16th December.                      |       |
| Alexandra                     | Geo. Smith                    | 520       | 14-14  | 94          | + 1             | - 5                    | 1-38            | 18th December.                      |       |
| Galloway                      | S. Wragge                     | 582       | 16-97  | 96          | + 3             | +10                    | 2-00            | 18th December.                      |       |
| Patearoa                      | Thos. Hall                    | 1,250     | 16-33  | 94          | ..              | ..                     | 1-42            | 2nd February.                       |       |
| Earnsclough                   | H. Searchfield                | 600       | 19-04  | 102         | + 4             | + 8                    | 1-53            | 18th December.                      |       |
| Kingston                      | M. J. Spence                  | 1,033     | 41-85  | 123         | ..              | ..                     | 2-60            | 23rd November.                      |       |
| Manorburn Dam                 | S. Wragge                     | 2,448     | 22-14  | 127         | 0               | - 4                    | 1-31            | 2nd February.                       |       |
| Te Awa, Hillgrove             | W. S. D. Trotter              | 63        | 23-16  | 140         | - 3             | +11                    | 1-12            | 2nd February.                       |       |
| Robertslea, Middlemarch       | Alex. McKinnon                | 900       | 34-14  | 152         | + 4             | +13                    | 2-60            | 19th December.                      |       |
| Paerau                        | P. G. Shiels                  | 178       | 27-55  | 101         | 0               | - 6                    | 1-84            | 2nd February.                       |       |
| Castle Hill Station, Athol    | W. Menlove                    | 896       | 35-04  | 135         | + 1             | + 5                    | 1-78            | 22nd February.                      |       |
| Bushey Park, Palmerston South | Alex. Twaddle                 | 20        | 23-09  | 114         | - 2             | -11                    | 1-34            | 2nd February.                       |       |
| Glenfalloch, Nokomai          | A. Cameron                    | 800       | 34-32  | 117         | + 5             | +15                    | 1-35            | 21st February.                      |       |
| Roxburgh East                 | Wm. Young                     | 325       | 22-93  | 124         | ..              | ..                     | 1-19            | 19th December.                      |       |
| Roxburgh                      | Dr. J. R. Gilmour             | 527       | 22-77  | 113         | + 1             | +14                    | 1-39            | 19th December.                      |       |
| Monowai ("Sunnyside")         | A. Walker                     | 560       | 40-54  | 105         | - 5             | - 8                    | 3-58            | 22nd February.                      |       |
| Dunedin                       | D. Tannock                    | 300       | 32-86  | 185         | - 4             | +25                    | 1-46            | 25th January.                       |       |
| Whare Flat                    | J. W. Paterson                | 142       | 34-70  | 155         | - 8             | +11                    | 1-53            | 25th January.                       |       |
| Ross Creek, Woodhaugh         | L. Fraser                     | 375       | 37-60  | 179         | ..              | ..                     | 1-59            | 2nd February.                       |       |
| Sawyer's Bay                  | P. Middleditch                | ..        | 37-59  | 168         | ..              | ..                     | 1-48            | 25th January.                       |       |
| Portobello (Fish Hatchery)    | W. Adams                      | 50        | 28-83  | 156         | + 1             | + 3                    | 1-47            | 25th January.                       |       |
| Wendon                        | Alex. Mackay (Postmaster)     | 425       | 30-38  | 139         | 0               | + 6                    | 1-48            | 21st February.                      |       |
| Dipton                        | Mrs. MacLachlan               | ..        | 27-63  | 96          | - 4             | -24                    | 2-27            | 21st February.                      |       |
| Musselburgh (Pumping Station) | W. Jacobsen                   | 5         | 33-36  | 163         | + 1             | 0                      | 1-65            | 25th January.                       |       |
| Burnside                      | P. W. Piper                   | 142       | 25-59  | 157         | - 6             | -11                    | 1-45            | 11th February.                      |       |
| Lawrence                      | J. L. McFarlane (Postmaster)  | 400       | 32-52  | 172         | + 4             | +20                    | 1-30            | 22nd June.                          |       |
| Tapanui                       | S. W. Trask                   | 550       | 48-39  | 155         | + 9             | -11                    | 1-54            | 22nd December.                      |       |
| Milton                        | Rev. J. A. Kempthorne         | 30        | 27-25  | 164         | ..              | ..                     | 1-76            | 22nd December.                      |       |
| Otautau                       | J. G. C. Baker                | 130       | 39-07  | 173         | - 7             | + 5                    | 2-23            | 21st February.                      |       |
| Winton                        | G. L. Smart                   | 135       | 35-19  | 130         | ..              | ..                     | 2-12            | 21st February.                      |       |
| Clinton                       | Mrs. M. Doak                  | 400       | 42-45  | 176         | ..              | ..                     | 1-87            | 19th July.                          |       |
| Balelutha                     | G. Dawson (Postmaster)        | 20        | 28-32  | 123         | + 3             | 0                      | 2-35            | 22nd December.                      |       |
| Redan, Wyndham                | Mrs. W. Hunter                | ..        | 32-22  | 129         | ..              | ..                     | 1-25            | 21st July.                          |       |
| Invercargill                  | L. Lennie                     | 12        | 42-37  | 211         | - 4             | + 8                    | 1-80            | 21st February.                      |       |
| Roslin Estate, Woodlands      | J. D. Trotter                 | 112       | 41-95  | 199         | 0               | + 5                    | 1-76            | 21st February.                      |       |
| Nugget Point                  | J. Cocker (Principal Keeper)  | ..        | 30-68  | 154         | ..              | ..                     | 1-70            | 22nd December.                      |       |
| Owaka                         | C. D. Allen (Postmaster)      | 120       | 31-21  | 193         | - 7             | +35                    | 1-44            | 22nd December.                      |       |
| Centre Island                 | Principal Keeper              | 265       | 49-30  | 191         | + 2             | + 9                    | 1-66            | 21st February.                      |       |
| Tahakopa                      | A. H. Skey                    | 96        | 50-10  | 215         | - 5             | 0                      | 1-37            | 22nd December.                      |       |
| Waikawa Valley                | J. H. Buckingham              | 457       | 48-37  | 182         | - 3             | - 7                    | 1-26            | 24th November, 22nd December.       |       |
| "Dun Ian," Waimahaka          | I. A. Stirling                | 240       | 40-82  | 177         | - 3             | - 6                    | 1-31            | 21st February.                      |       |
| Awarua Radio                  | Officer-in-charge             | 25        | 43-28  | 199         | - 3             | + 3                    | 1-72            | 21st February.                      |       |
| Bluff                         | E. Fowler                     | 860       | 45-11  | 225         | ..              | ..                     | 1-68            | 21st February.                      |       |
| Halfmoon Bay, Stewart Island  | Thos. Bragg                   | 80        | 63-21  | 220         | + 4             | - 9                    | 1-72            | 21st February.                      |       |
| Chatham Islands               | Superintendent, Radio Station | 150       | 31-26  | 164         | - 3             | -25                    | 1-75            | 20th April.                         |       |
| Niue Island                   | J. P. McMahon-Box             | 90        | 41-94  | 174         | -39             | +28                    | 4-37            | 22nd March.                         |       |
| Avarua, Rarotonga             | H. Williams                   | 20        | 62-09  | 119         | -20             | -74                    | 5-04            | 6th June.                           |       |
| Aitutaki, Cook Islands        | Captain Luckham               | ..        | 49-25  | 74          | -46             | -54                    | 8-50            | 15th February.                      |       |
| Mangaia, Cook Islands         | Resident Agent                | ..        | 45-49  | 140         | -32             | -19                    | 2-95            | 22nd February.                      |       |
| Mauke, Cook Islands           | E. Dyer                       | 30        | 39-11  | 88          | ..              | ..                     | 4-30            | 28th October.                       |       |