

## ANNUAL RAINFALL, 1936—continued.

| Station.                      | Observer.              | Altitude. | Total Fall. | Number of Days. | Deviation from Normal. |                 | Greatest Fall in Twenty-four Hours. |                |
|-------------------------------|------------------------|-----------|-------------|-----------------|------------------------|-----------------|-------------------------------------|----------------|
|                               |                        |           |             |                 | Total Fall.            | Number of Days. | Amount.                             | Date.          |
| Mangaone Valley, Tangitere    | O. Wadham              | Ft.       | In.         | In.             | In.                    |                 | In.                                 |                |
| Karariki Station, Kotemaori   | J. B. Monteath         | 900       | 95·76       | ..              | + 2                    | ..              | 4·80                                | 22nd May.      |
| Wairoa ..                     | J. B. Monteath         | 870       | 50·79       | 139             | ..                     | ..              | 4·15                                | 1st February.  |
| Maungaharuru ..               | H. J. Steed            | ..        | 51·24       | 114             | ..                     | ..              | 5·61                                | 16th June.     |
| Putorino ..                   | R. Heays               | 2,246     | 59·55       | 127             | + 8                    | + 6             | 11·53                               | 1st February.  |
| H.B. Forests, Waikoau ..      | N. McLean              | 400       | 45·77       | 114             | + 1                    | - 9             | 4·65                                | 1st February.  |
| Tutira Homestead ..           | A. Corbett             | 900       | 60·80       | 122             | ..                     | ..              | 6·12                                | 1st February.  |
| Rukumoana Station, Te Pohue   | H. Guthrie-Smith       | 510       | 55·31       | 133             | + 1                    | + 8             | 5·70                                | 1st February.  |
| Portland Island Lighthouse    | J. F. McKeesick        | ..        | 62·97       | 146             | ..                     | ..              | ..                                  | ..             |
| "Te Wairere," Puketitiri ..   | Principal Keeper       | 255       | 29·86       | 127             | - 1                    | - 8             | 1·90                                | 16th June.     |
| Hedgeley, Eskdale ..          | G. Simcox              | 1,850     | 67·42       | 179             | ..                     | ..              | 5·67                                | 1st February.  |
| "Omatua," Rissington ..       | T. P. Clark            | 30        | 45·51       | 135             | + 5                    | + 10            | 5·73                                | 1st February.  |
| Napier ..                     | W. Woodward            | 300       | 46·98       | 102             | + 4                    | - 24            | 4·83                                | 1st February.  |
| Sherenden ..                  | T. R. Hutton           | 5         | 48·59       | 141             | + 19                   | + 29            | 4·49                                | 16th June.     |
| Whanawhana ..                 | P. Matthews            | 984       | 44·85       | 101             | + 7                    | - 11            | 6·42                                | 1st February.  |
| Hastings ..                   | H. Beamish             | 900       | 48·70       | 130             | + 8                    | - 18            | (5·75)                              | 1st February.  |
| Whakarara Station ..          | H. N. Fowler           | 45        | 40·98       | 135             | + 11                   | + 7             | 4·81                                | 25th February. |
| Glencoe Station ..            | G. M. Eaton            | 1,500     | 57·32       | 125             | ..                     | ..              | 5·45                                | 1st February.  |
| Poukawa ..                    | L. Maclean             | 700       | 43·79       | 147             | ..                     | ..              | 5·55                                | 1st February.  |
| Anawai, Maraetotara ..        | A. H. Smith            | 97        | 32·84       | 105             | + 2                    | - 7             | 3·54                                | 1st February.  |
| Mokopeka ..                   | A. D. Gillies          | 1,400     | 68·98       | 188             | - 8                    | - 13            | 7·64                                | 1st February.  |
| Gwawas, Tikokino ..           | John Chambers          | 500       | 44·39       | 131             | + 5                    | + 14            | 5·64                                | 1st February.  |
| Pukekou, Te Aute ..           | J. Nicholl             | 800       | 49·15       | 162             | + 6                    | - 26            | 4·70                                | 1st February.  |
| Te Kura, Otane ..             | C. Athol Williams      | 266       | 38·78       | 135             | + 3                    | - 1             | 5·40                                | 1st February.  |
| Waimarama ..                  | A. E. Black            | 250       | 32·77       | 113             | + 6                    | - 7             | 3·94                                | 16th June.     |
| Blackburn, Onga Onga ..       | J. Robson              | 10        | 37·95       | 127             | 0                      | 0               | 4·30                                | 1st February.  |
| Waipawa ..                    | E. S. Bibby            | 950       | 48·00       | 167             | ..                     | ..              | 5·70                                | 1st February.  |
| Rangitapu ..                  | W. F. Rathbone         | 465       | 39·28       | 141             | + 4                    | - 1             | 4·32                                | 1st February.  |
| Waipukurau ..                 | G. C. Williams         | 750       | 50·55       | 134             | + 3                    | - 6             | 5·74                                | 16th June.     |
| Mount Vernon ..               | F. V. Ward             | 438       | 35·53       | 116             | + 3                    | - 8             | 4·00                                | 16th June.     |
| Aramoana ..                   | J. W. Harding          | 458       | 36·18       | 127             | + 3                    | - 23            | 3·67                                | 16th June.     |
| Takapau ..                    | G. F. McHardy          | 426       | 49·40       | 136             | + 9                    | + 2             | 7·45                                | 16th June.     |
| Motuotaraia ..                | R. A. Fraser           | ..        | 39·83       | 128             | + 1                    | - 14            | 4·98                                | 1st February.  |
| Dannevirke ..                 | L. Johnstone           | 205       | 36·55       | 99              | + 2                    | - 10            | 4·19                                | 1st February.  |
| Rua Roa, Dannevirke ..        | A. W. Soundy           | 684       | 49·61       | 164             | + 6                    | + 1             | 3·45                                | 1st February.  |
| "Waipuna," Woodville ..       | C. Angove              | 728       | 70·17       | 183             | + 4                    | + 30            | 2·45                                | 2nd February.  |
| Pine Grove, Weber ..          | J. C. Bolton           | 300       | 59·37       | 160             | + 6                    | - 7             | 3·56                                | 17th June.     |
| Woodbank, Herbertville ..     | C. B. Riddell          | 585       | 45·88       | 140             | - 1                    | + 5             | 4·51                                | 16th June.     |
| Pahiatua ..                   | F. A. McPhaill         | 25        | 55·18       | 145             | + 10                   | - 4             | 6·83                                | 2nd February.  |
| Mangamaire ..                 | A. W. Hamilton         | 384       | 54·17       | 172             | + 3                    | - 4             | 2·22                                | 22nd December. |
| Eastray, Tane ..              | A. L. G. Coulter       | 500       | 63·29       | 175             | + 7                    | + 12            | 2·13                                | 22nd December. |
| Eketahuna ..                  | Frank White            | 760       | 48·12       | ..              | - 4                    | ..              | 3·85                                | 2nd February.  |
| Putara ..                     | J. Wimsett             | 760       | 54·16       | 164             | - 4                    | 0               | 2·94                                | 2nd February.  |
| Tawataia ..                   | W. J. Manser           | ..        | 105·15      | 172             | - 3                    | - 5             | 4·52                                | 29th August.   |
| Anmedale, Tinui ..            | T. H. Groves           | ..        | 53·16       | 163             | + 4                    | - 5             | 3·69                                | 2nd February.  |
| "Te Karaka," Whakataki ..     | D. G. Campbell         | 600       | 52·88       | 131             | + 7                    | - 31            | 6·60                                | 16th June.     |
| Bagsshot, Masterton ..        | Gordan Morgan          | ..        | 46·44       | 156             | ..                     | ..              | 4·50                                | 2nd February.  |
| "The Terrace," Tinui ..       | H. H. Mawley           | 480       | 49·75       | 169             | + 7                    | - 1             | 3·78                                | 2nd February.  |
| Marangai ..                   | F. H. Bennett          | ..        | 46·88       | 139             | ..                     | ..              | 6·15                                | 2nd February.  |
| Bush Grove ..                 | H. G. Groves           | ..        | 44·22       | 148             | + 9                    | + 4             | 4·50                                | 2nd February.  |
| Masterton ..                  | W. G. Groves           | ..        | 49·11       | 144             | + 8                    | - 6             | 4·16                                | 2nd February.  |
| Llandaff, Masterton ..        | Miss A. Brown          | 377       | 47·09       | 152             | + 9                    | + 3             | 2·52                                | 1st February.  |
| Eringa, Masterton ..          | P. H. Nathan ..        | ..        | 48·50       | 135             | ..                     | ..              | 2·65                                | 2nd February.  |
| "Ngaiānu," Masterton ..       | P. H. Nathan ..        | 570       | 48·92       | 137             | + 7                    | - 23            | 2·53                                | 2nd February.  |
| Waingawa, Masterton ..        | John Toogood           | 70        | 48·40       | 126             | - 3                    | - 23            | 7·25                                | 2nd February.  |
| Greytown ..                   | R. Stilwell            | 340       | 33·43       | 129             | - 7                    | - 37            | 2·20                                | 2nd February.  |
| Featherston ..                | Postmaster ..          | 186       | 49·16       | 146             | + 7                    | + 6             | 2·28                                | 2nd February.  |
| The Summit ..                 | Postmaster ..          | 160       | 44·37       | 157             | - 7                    | + 25            | 1·93                                | 29th August.   |
| Martinborough ..              | Railways Department .. | 1,144     | 93·56       | 210             | + 2                    | + 28            | 3·14                                | 1st February.  |
| Waiorongomai, Featherston ..  | Charles Michell        | ..        | 31·24       | 71              | + 1                    | - 70            | 2·07                                | 2nd February.  |
| Te Hopai, Featherston ..      | R. W. Matthews         | 70        | 71·85       | 152             | ..                     | ..              | 2·63                                | 17th January.  |
| Orongorongo Waterworks ..     | E. C. Holmes           | ..        | 61·10       | 140             | ..                     | ..              | 4·05                                | 2nd February.  |
| "Te Moana," Wairarapa ..      | A. Morris              | 800       | 147·44      | 215             | + 32                   | + 20            | 5·03                                | 2nd February.  |
| Pukeatua ..                   | A. H. Ashdown          | 41        | 46·05       | 152             | ..                     | ..              | 3·19                                | 2nd February.  |
| Lagoon Hill, Martinborough .. | W. Kennedy             | 350       | 63·71       | 122             | ..                     | ..              | 4·35                                | 2nd February.  |
| Te Awaite Station ..          | J. Riddiford           | 350       | 58·52       | 122             | + 4                    | - 20            | 4·81                                | 8th February.  |
| Cape Palliser Lighthouse ..   | J. E. Lawrence         | 10        | 45·31       | 131             | + 1                    | + 13            | 3·44                                | 7th February.  |
| Baring Head Lighthouse ..     | Principal Keeper       | 12        | 44·02       | 104             | ..                     | ..              | 3·03                                | 8th February.  |
| Mangapurua ..                 | Principal Keeper       | ..        | 39·78       | 112             | ..                     | ..              | 2·59                                | 1st February.  |
| Cape Egmont Lighthouse ..     | F. C. Bettjeman        | 600       | 70·38       | 178             | + 3                    | + 38            | 4·53                                | 1st February.  |
| Stratford ..                  | Principal Keeper       | 15        | 69·01       | ..              | ..                     | ..              | 5·99                                | 1st February.  |
| Ohakune ..                    | A. W. Burrell ..       | 1,012     | 85·39       | 199             | + 5                    | + 26            | 5·42                                | 1st February.  |
| Eltham ..                     | F. Woodward ..         | ..        | 64·00       | 174             | ..                     | - 5             | 3·96                                | 14th January.  |
| Riverlea ..                   | R. B. Foord ..         | 707       | 66·01       | 126             | + 10                   | - 40            | 6·38                                | 1st February.  |
| Waiouru ..                    | Marc Vuillaire ..      | 800       | 66·92       | 185             | + 3                    | + 6             | 7·95                                | 1st February.  |
| Pipiriki ..                   | A. Peters ..           | 2,500     | 48·09       | 142             | + 3                    | - 2             | 2·54                                | 14th January.  |
| Karioi ..                     | James D. Muir ..       | 80        | 65·36       | 172             | ..                     | ..              | 4·05                                | 1st February.  |
| Mangaohane Station ..         | L. H. Bailey ..        | 2,125     | 53·98       | 170             | ..                     | ..              | 4·95                                | 1st February.  |
|                               | F. Booth ..            | 2,500     | 48·12       | 127             | + 7                    | - 27            | 2·95                                | 25th February. |