

1892.
NEW ZEALAND.

ANNUAL RAINFALL

(RETURN OF), IN INCHES, FOR EACH YEAR FROM 1864 TO 1891 INCLUSIVE, WITH DIAGRAMS
FOR THE FOUR PRINCIPAL STATIONS.

Return to an Order of the House of Representatives dated 13th July, 1892.

Ordered, "That there be laid before this House a return of the annual rainfall from 1864 to 1891 inclusive, at the Bay of Islands, Auckland, Napier, Taranaki, Wellington, Canterbury, Hokitika, Greymouth, Dunedin, and Invercargill, so far as the same can be furnished."—(Hon. Sir J. HALL.)

RETURN of RAINFALL (in inches) for each Year from 1864 to 1891 inclusive, together with Diagrams for the Four Principal Stations.

| | Mongonui. | Auckland. | Napier. | Taranaki. | Wanganui. | Wellington. | Nelson. | Canterbury. | Hokitika. | Greymouth. | Dunedin. | Queenstown. | Invercargill. |
|--------------|-----------|-----------|---------|-----------|-----------|-------------|---------|-------------|-----------|------------|----------|-------------|---------------|
| 1864 | 67·900 | 37·400 | 49·300 | 43·800 | 30·410 | 44·500 | 63·400 | 22·000 | .. | .. | 24·200 | .. | 51·700 |
| 1865 | 40·800 | 40·000 | .. | 56·800 | .. | 50·700 | 68·300 | 24·300 | .. | .. | 46·600 | .. | 63·600 |
| 1866 | .. | 42·000 | 30·000 | 55·700 | 36·580 | 41·100 | 56·000 | 19·400 | 127·500 | .. | 29·000 | .. | 47·200 |
| 1867 | 55·200 | 53·180 | .. | 60·690 | 38·250 | 41·950 | 46·310 | 30·070 | 110·510 | .. | 39·050 | .. | 41·620 |
| 1868 | .. | 49·087 | .. | 50·420 | 34·130 | 55·522 | 79·370 | 30·041 | 120·210 | .. | 33·893 | .. | 46·346 |
| 1869 | 48·340 | 52·797 | .. | 55·125 | 42·960 | 56·768 | 65·230 | 27·292 | 88·210 | .. | 32·918 | .. | 42·680 |
| 1870 | 52·870 | 44·831 | 32·410 | 54·720 | 35·030 | 48·205 | 48·430 | 28·364 | 116·680 | .. | 39·202 | .. | 53·950 |
| 1871 | 57·640 | 47·505 | 35·890 | 72·120 | 51·090 | 64·057 | 55·670 | 27·935 | 122·440 | .. | 22·146 | .. | 39·030 |
| 1872 | 46·900 | 42·096 | 23·940 | 63·640 | 40·420 | 50·945 | 78·610 | 19·741 | 123·210 | .. | 27·393 | 28·880 | 40·110 |
| 1873 | 63·720 | 41·237 | 42·380 | 53·120 | 39·000 | 54·985 | 65·440 | 26·330 | 96·170 | .. | 35·825 | 32·300 | 37·480 |
| 1874 | 56·950 | 35·024 | 37·940 | 57·220 | 36·760 | 53·496 | 71·550 | 22·790 | 104·480 | .. | 28·739 | 30·190 | 44·650 |
| 1875 | 52·530 | 51·310 | 38·260 | 66·960 | 44·340 | 65·827 | 69·070 | 32·310 | 130·790 | .. | 42·631 | 31·760 | 44·180 |
| 1876 | 58·640 | 44·025 | 38·390 | 48·180 | 33·880 | 43·374 | 60·640 | 23·990 | 116·325 | .. | 38·260 | 30·930 | 40·590 |
| 1877 | 54·470 | 40·375 | 33·450 | 52·000 | 33·970 | 51·925 | 48·520 | 23·720 | 136·660 | .. | 37·460 | 35·590 | 43·150 |
| 1878 | 40·140 | 37·160 | 21·100 | 56·730 | 41·980 | 54·602 | 51·900 | 13·540 | 154·446 | .. | 45·235 | 60·020 | 54·020 |
| 1879 | 58·920 | 46·130 | 53·140 | 60·180 | 33·650 | 57·441 | 61·420 | 23·180 | 128·295 | .. | 42·099 | 22·420 | 33·260 |
| 1880 | 55·480 | 38·890 | 38·400 | 47·220 | 36·270 | 46·767 | 37·270 | 17·670 | 122·840 | .. | 33·063 | 27·690 | 39·140 |
| 1881 | .. | 34·237 | .. | .. | 30·270 | 50·132 | .. | 28·071 | .. | .. | 26·402 | .. | .. |
| 1882 | .. | 45·630 | .. | .. | 33·880 | 55·685 | .. | 25·391 | .. | .. | 41·796 | .. | .. |
| 1883 | .. | 52·215 | .. | 74·870 | 47·230 | 51·994 | .. | 30·336 | .. | .. | 38·312 | .. | .. |
| 1884 | .. | 38·070 | .. | 60·640 | 45·770 | 62·335 | .. | 28·451 | .. | .. | 33·881 | .. | .. |
| 1885 | .. | 28·140 | .. | .. | 23·580 | 36·813 | .. | 22·030 | .. | .. | 24·598 | .. | .. |
| 1886 | .. | 32·640 | .. | .. | 46·410 | 54·477 | .. | 35·287 | .. | .. | 52·632 | .. | .. |
| 1887 | .. | 37·710 | .. | .. | 38·590 | 56·969 | .. | 32·890 | .. | .. | 39·144 | .. | .. |
| 1888 | .. | 34·600 | .. | .. | 31·300 | 41·009 | .. | 29·155 | .. | .. | 48·356 | .. | .. |
| 1889 | .. | 41·970 | .. | .. | 35·410 | 31·356 | .. | 20·384 | .. | .. | 23·446 | .. | .. |
| 1890 | .. | 46·100 | 27·620 | 68·190 | 32·840 | 45·230 | .. | 14·836 | .. | .. | 27·984 | 44·520 | .. |
| 1891 | 53·570 | 36·040 | 30·360 | 73·100 | 35·470 | 35·125 | .. | 20·575 | .. | *70·590 | 32·734 | 28·890 | 68·500 |
| Averages | 54·004 | 41·799 | 35·505 | 58·639 | 37·390 | 50·117 | 60·417 | 25·004 | 119·917 | .. | 35·246 | 33·926 | 46·178 |
| No. of years | 16 | 28 | 15 | 21 | 27 | 28 | 17 | 28 | 15 | .. | 23 | 11 | 18 |

* Ten months only.

Average annual rainfall for New Zealand for the above period (twenty-eight years)
from records at Auckland, Wellington, Canterbury, and Dunedin 38·041 inches.
Average annual rainfall for New Zealand from all observations 49·845 inches.

Meteorological Office, Colonial Museum,
Wellington, 20th July, 1892.

JAMES HECTOR.

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DIAGRAMS OF RAINFALL

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