KEEP as top enclosure of each binder

## Met O 8b 10-YEAR SUMMARY SHEETS

**Governed by Public Records Acts**

**I M P O R T A N T**

1. These sheets are a VITAL part of the permanent data archives of the Office, and are stored in Met08 for all decades for practical and historical reasons, including ready access, rather than be stored in Technical Archives.
2. For many old stations these sheets are the ONLY record of available data.

**ENTRIES**

3. All entries must invariably be made in permanent ink (nowadays normally in black waterproof ink), be perfectly legible and comments sufficiently intelligible to those reading them deacades after the event.
4. Every attempt should be made to ensure that any follow-up action is adequately cross-referenced to a previous entry.
5. Retrospectively effective comments MUST be entered on the station's 10-year sheets for all relevant previous decades, not just on the latest decade's sheet.

**BORROWING OF 10-YEAR SHEETS PROHIBITED**

6. On no account whatsoever are the original sheets to be lent to other branches, and care is to be exercised if sheets are wanted by sections other than Met08b within Met08.
7. These sheets may only be extracted from their binders for the very short periods required during any manuscript updating, or whilst actually being photocopied. It is important that temporarily extracted sheets are returned to their correct numerical position by station number; and if more than one decade's sheets for a station are extracted at the same time, very special care needs to be taken to ensure that each decadal sheet is returned to the correct decadal binder.

**The discovery of any station's sheet missing from the binder must be reported personally to HSO-in-charge RAINMASTER.**

Head of Hydrometeorological
Data Systems

# RAINFALL AT Mull of Galloway

Lat..... Lon..... County of Wigtown

.....Rain Gauge, by..... Observer Board of N. Lights

Western Galloway - 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | — | — | | | | | | | | | |
| Height ..... | — | — | | | | | | | | | |
| Altitude ..... | — | — | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·14 | 2·65 | 3·65 | 3·22 | 1·86 | 3·30 | ·50 | 4·86 | 2·17 | 1·54 | 2·389 |
| February..... | 2·21 | 3·31 | 2·01 | ·37 | ·90 | ·54 | 2·33 | 2·05 | 1·09 | 2·39 | 1·720 |
| March ..... | ·93 | ·96 | 1·60 | 2·26 | ·73 | ·41 | ·65 | 1·87 | 1·65 | 1·80 | 1·286 |
| April..... | ·64 | 2·15 | ·62 | ·12 | ·50 | ·27 | 2·08 | 1·78 | 1·37 | 1·32 | 1·085 |
| May ..... | 1·42 | ·47 | 1·09 | 1·29 | ·77 | 1·41 | ·21 | 1·93 | 2·51 | 1·35 | 1·245 |
| June..... | 1·18 | 1·23 | 3·63 | ·34 | ·14 | 2·66 | 2·16 | 1·44 | 2·02 | 3·80 | 1·860 |
| July ..... | 1·33 | 1·18 | 2·48 | 2·43 | 1·83 | 2·17 | 1·52 | 2·35 | ·18 | 7·17 | 2·264 |
| August..... | 1·18 | 2·90 | 2·29 | 2·31 | 3·74 | 2·25 | 3·12 | 3·52 | 2·88 | 6·37 | 3·056 |
| September..... | 2·34 | ·91 | 3·52 | ·88 | 1·35 | 2·57 | 5·00 | ·97 | 2·23 | 2·89 | 2·266 |
| October..... | 4·40 | 2·44 | 2·63 | 2·25 | 3·27 | 5·51 | 4·69 | 2·85 | 2·87 | 2·13 | 3·304 |
| November..... | 1·98 | 3·37 | 2·58 | ·76 | 5·07 | 4·46 | 2·12 | 3·52 | 1·02 | ·90 | 2·577 |
| December..... | 1·83 | 2·65 | 4·32 | ·33 | 2·36 | ·76 | 6·43 | 3·06 | 1·26 | 1·02 | 2·402 |
| TOTALS ..... | 21·58 | 24·22 | 30·42 | 16·56 | 22·52 | 26·30 | 30·81 | 30·20 | 21·25 | 32·68 | 25·654 |

70

# RAINFALL AT Kirkcolm South Cairn

Lat..... Lon..... County of Wigtown

.....Rain Gauge, by..... Observer Wm. J. Kennedy

western Galloway – 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | ·8 | · | ·9 | | | | | | | | |
| Height ..... | 1 ·4 | · | 3·2 | | ·6 | | | | | | |
| Altitude ..... | 209. | · | 212 | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 8·35 | 5.05 | 11·65 | 6·15 | 3·85 | | | | | | |
| February..... | 8·85 | 8.95 | 8·60 | 1·25 | 2·50 | | | | | | |
| March ..... | 3·00 | 2.85 | 5·15 | 3·40 | 3·50 | | | | | | |
| April..... | 5·65 | 8·20 | 2·65 | ·50 | 2·80 | | | | | | |
| May ..... | 4·85 | 2.05 | 2·85 | 3·80 | 1·35 | | | | | | |
| June..... | 3·95 | 2.40 | 5·45 | 1·70 | ·45 | | | | | | |
| July ..... | 4·05 | 5·25 | 4·55 | 5·20 | 2·95 | | | | | | |
| August..... | 2·90 | 3.10 | 7·60 | 5·55 | 7·30 | | | | | | |
| September..... | 6·30 | 2·80 | 7·70 | 4·55 | 5·15 | | | | | | |
| October..... | 8·10 | 4·80 | 4·80 | 4·85 | 5·90 | | | | | | |
| November..... | 4·05 | 7·15 | 7·25 | 2·35 | 8·00 | | | | | | |
| December..... | 2·20 | 3·55 | 9·00 | 2·05 | 4·45 | | | | | | |
| TOTALS ..... | 62·25 | 56·15 | 77·25 | 41·35 | 48·20 | | | | | | |

1870 I have got a new gauge with glass measure &c. I still keep the old one

# RAINFALL AT Corsewall

70

Lat..... Lon..... County of Wigtown.....

.....Rain Gauge, by..... Observer Board of N. Lights.....

Western Galloway – 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | — | | | | | | | | | | |
| Height ..... | 3 4 | . | | | | | | | | | |
| Altitude ..... | 22? | . | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·89 | 3·73 | 6·61 | 4·33 | 2·54 | 5·31 | 2·02 | 7·23 | 4·54 | 2·92 | 4·212 |
| February..... | 4·11 | 5·67 | 4·61 | ·84 | 1·93 | ·97 | 4·25 | 3·43 | 1·21 | 2·80 | 2·982 |
| March..... | 1·51 | 2·25 | 2·77 | 1·97 | 2·21 | 1·30 | 3·19 | 1·77 | 2·40 | 2·50 | 2·184 |
| April..... | 1·26 | 2·81 | 1·21 | ·29 | 1·97 | ·77 | 2·06 | 3·97 | 2·34 | 1·95 | 1·863 |
| May ..... | 2·52 | ·87 | 1·33 | 2·41 | ·76 | 2·38 | ·23 | 1·95 | 3·49 | 3·07 | 1·901 |
| June..... | 1·40 | 1·57 | 3·12 | 1·01 | ·23 | 3·26 | 3·04 | 4·30 | 2·35 | 3·79 | 2·407 |
| July ..... | 2·05 | 2·60 | 3·91 | 3·13 | 1·82 | 2·05 | 2·04 | 2·69 | ·87 | 5·54 | 2·670 |
| August..... | 1·59 | 3·36 | 4·75 | 4·19 | 4·19 | 3·07 | 3·96 | 4·84 | 2·00 | 5·60 | 3·755 |
| September..... | 2·63 | 1·42 | 3·03 | 2·26 | 3·49 | 3·52 | 3·53 | 1·58 | 3·39 | 5·72 | 3·054 |
| October..... | + 0·05 | 2·63 | 3·34 | 4·65 | 5·02 | 4·25 | 6·27 | 5·69 | 4·10 | 2·52 | 4·652 |
| November..... | 2·59 | 5·68 | 5·20 | 2·62 | 5·08 | 5·08 | 2·34 | 6·19 | 1·11 | 1·53 | 3·742 |
| December..... | 1·45 | 2·29 | 4·38 | ·88 | 3·53 | 1·88 | 7·72 | 6·21 | 2·08 | 1·48 | 3·190 |
| TOTALS ..... | 32·05 | 34·88 | 44·26 | 28·58 | 32·77 | 33·84 | 40·65 | 49·85 | 29·88 | 39·42 | 36·618 |

C C C

Hydro No. 6382S1

70

# RAINFALL AT Wigton North Balfern

Lat..... Lon..... County of Wigtown.....

.....Rain Gauge, by..... Observer Hus Mac Lellond Esq

Cree & W. Bay — 4.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 5 | | | | | | . | . | , | | |
| Height ..... | 1 | | | | | | . | ·9 | 1·· | | |
| Altitude ..... | 75 | 100 | | | | | . | . | 75 | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 4.00 | 4.02 | 9·33 | 5·48 | 4·24 | 7·72 | 2·17 | 7·34 | 6·75 | | |
| February..... | 3.62 | 8·37 | 5·36 | ·97 | 2·26 | 1·29 | 5·53 | 2·98 | 2·17 | | |
| March ..... | 1.44 | 2·93 | 4·20 | 3·49 | 3·21 | 1·20 | 3·56 | 2·91 | 2·61 | | |
| April..... | 1.40 | 3·67 | ·78 | ·51 | 1·90 | 1·10 | 2·84 | 3·47 | 2·30 | | |
| May ..... | 3.01 | ·03 | 2·58 | 1·90 | ·95 | 2·83 | ·19 | 3·08 | 3·29 | | |
| June..... | 2·69 | 2·55 | 5·28 | 1·59 | 1·39 | 3·23 | 3·92 | 4·00 | 2·55 | | |
| July ..... | 1·10 | 3·08 | 3·70 | 5·79 | 3·14 | 2·40 | 2·09 | 3·44 | ·33 | | |
| August..... | 2·26 | 3·74 | 5·38 | 4·36 | 6·27 | 4·32 | 4·45 | 7·25 | 2·96 | | |
| September..... | 3·37 | 1·77 | 5·93 | 3·32 | 3·24 | 7·04 | 4·62 | 2·03 | 1·30 | | |
| October..... | 7.47 | 4·32 | 4·96 | 5·46 | 8·03 | 5·72 | 6·60 | 7·48 | 3·05 | | |
| November..... | 2·52 | 5·23 | 5·46 | 1·82 | 5·70 | 4·91 | 3·21 | 10·43 | 2·20 | | |
| December..... | 1·97 | 5·00 | 9·26 | 1·65 | 4·38 | 2·67 | 7·85 | 6·43 | ·40 | | |
| TOTALS ..... | 34·85 | 45·56 | 62·22 | 36·34 | 44·71 | 44·43 | 47·03 | 60·84 | 29·91 | | |

1879 No Observations

Market

70

# RAINFALL AT Kirkcowan

Lat..... Lon..... County of Wigtown.....

.....Rain Gauge, by..... Observer... A. Buchan Esq.....

Cree & W. Bay — 4.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | | | .5 | | | | |
| Height ..... | | | | | | | .0 | | | | |
| Altitude..... | | | | | | | 200 | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | 6.60 | 5.82 | 11.86 | 7.72 | 11.44 | 5.48 | | |
| February..... | | | | 1.17 | 2.55 | 2.09 | 5.99 | 4.75 | 2.49 # | | |
| March..... | | | | 3.88 | 3.85 | 1.86 | 9.95 | 3.92 | | | |
| April..... | | | | .39 | 2.24 | 1.39 | 3.59 | 3.39 | | | |
| May ..... | | | | 2.81 | .89 | 3.49 | .65 | 3.10 | | | |
| June..... | | | | 1.96 | 1.46 | 4.60 | 4.55 | 3.85 | | | |
| July ..... | | | | 5.48 | 2.75 | 2.67 | 1.95 | 4.16 | | | |
| August..... | | | | 5.21 | 7.20 | 4.15 | 4.94 | 5.78 | | | |
| September..... | | | | 5.52 | 4.40 | 6.62 | 4.44 | 2.01 | | | |
| October..... | | | | 7.10 | 10.06 | 5.82 | 7.03 | 8.68 | | | |
| November..... | | | | 3.67 | 7.80 | 5.43 | 3.54 | 9.80 | | | |
| December..... | | | | 2.49 | 4.00 | 4.10 | 7.66 | 8.24 # | | | |
| TOTALS..... | | | | 46.28 | 53.02 | 54.08 | 62.01 | 69.12 | | | |

near Gatehouse

70

# RAINFALL AT Gatehouse Cally

Lat..... Lon..... County of Kirkcudbright

..... Rain Gauge, by..... Observer A. Buchan Esq.

Creet W. Bay — 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | ·5 | | | | | 5 | · | · | | |
| Height ..... ... | | · | | | | | 1· | · | · | | |
| Altitude ..... | | 90· | | | | | 87 | · | · | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | 2·65 | 8·48 | 4·81 | 4·39 | 7·46 | 2·76 | 10·84 | 5·20 | 2·28 | |
| February ..... | | 9·31 | 5·49 | 1·69 | 2·35 | 2·19 | 6·36 | 3·92 | 3·68 | 2·40 | |
| March ..... | | 2·30 | 4·23 | 3·61 | 3·57 | 1·57 | 5·02 | 3·35 | 2·26 | 1·29 | |
| April..... | | 5·00 | 1·15 | ·49 | 2·12 | 1·43 | 2·75 | 3·64 | 3·09 | 1·12 | |
| May ..... | | ·77 | 3·16 | 2·96 | 1·04 | 2·91 | ·30 | 4·00 | 3·39 | 2·44 | |
| June..... | | 2·67 | 8·11 | 2·01 | 1·01 | 4·33 | 4·15 | 4·00 | 2·91 | 6·21 | |
| July ..... | | 3·67 | 3·63 | 6·35 | 3·28 | 2·62 | 2·08 | 4·70 | ·51 | 5·96 | |
| August..... | | 4·73 | 5·45 | 5·36 | 6·94 | 2·69 | 4·38 | 6·78 | 3·24 | 5·56 | |
| September..... | | 2·40 | 7·32 | 4·55 | 3·96 | 7·24 | 4·63 | 2·06 | 3·89 | 6·78 | |
| October..... | | 4·86 | 4·53 | 6·21 | 7·80 | 5·78 | 6·87 | 8·56 | 4·78 | 3·23 | |
| November..... | | 4·57 | 5·80 | 2·84 | 6·92 | 6·30 | 4·83 | 10·33 | 1·44 | 1·39 | |
| December..... | | 5·14 | 8·92 | 1·82 | 3·40 | 3·47 | 9·59 | 8·39 | 1·73 | 2·33 | |
| TOTALS ..... | (38·50) | 48·07 | 66·27 | 42·70 | 46·78 | 47·99 | 53·72 | 70·57 | 36·12 | 40·99 | (49·171) |

C C

1871 estimated from Dalbeattie

# RAINFALL AT Newton Stewart

70

*Lat*..... *Lon*..... ... *County of*... ~~Wigtown~~ Kirkcudbright

.....*Rain Gauge, by*..... *Observer*... .....

Cree Estuary – 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | | | | | | | |
| Height ..... | | | | | | | | | | | |
| Altitude..... | | | | | | | | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | | 4·24 | | | | | | |
| February..... | | | | | 2·26 | | | | | | |
| March..... | | | | | 3·27 | | | | | | |
| April..... | | | | | 1·90 | | | | | | |
| May ..... | | | | | ·95 | | | | | | |
| June..... | | | | | 1·39 | | | | | | |
| July ..... | | | | | 3·14 | | | | | | |
| August..... | | | | | 6·27 | | | | | | |
| September..... | | | | | 3·24 | | | | | | |
| October..... | | | | | 8·03 | | | | | | |
| November..... | | | | | 5·70 | | | | | | |
| December..... | | | | | 4·38 | | | | | | |
| TOTALS..... | | | | | 44·77 | | | | | | |

# RAINFALL AT Little Ross

Lat..... Lon..... County of Kirkcudbright

.....Rain Gauge, by..... Observer Board of Northern Lights

See - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | — | | | | | | | | | | |
| Height ..... | 3 .3 | . | | | | . | | | | | |
| Altitude ..... | 130? | . | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·40 | 1·46 | 4·43 | 2·90 | 2·71 | 3·98 | 2·30 | 7·31 | 3·78 | 1·37 | 3·204 |
| February..... | 2·13 | 4·30 | 2·55 | ·51 | 1·85 | 1·19 | 6·19 | 2·20 | 2·40 | 2·33 | 2·565 |
| March ..... | 1·14 | 1·01 | 2·72 | 2·76 | 1·79 | ·83 | 4·40 | 2·17 | 1·17 | 1·68 | 1·962 |
| April..... | ·60 | 3·30 | ·49 | ·20 | 1·24 | ·59 | 3·21 | 2·31 | 2·14 | ·99 | 1·507 |
| May ..... | 1·67 | ·50 | 2·19 | 1·93 | ·73 | 1·85 | ·10 | 2·00 | 3·84 | 1·43 | 1·624 |
| June..... | 1·77 | 1·16 | 4·39 | 1·53 | ·83 | 2·54 | 3·45 | 2·55 | 1·92 | 4·07 | 2·421 |
| July ..... | ·77 | 1·85 | 4·42 | 2·81 | 1·74 | 1·86 | 2·37 | 2·58 | ·27 | 3·91 | 2·258 |
| August..... | 1·31 | 3·37 | 3·39 | 2·43 | 3·93 | 3·03 | 3·14 | 4·50 | 1·59 | 4·92 | 3·161 |
| September..... | 2·12 | 1·26 | 4·07 | 2·14 | 2·23 | 4·72 | 4·58 | 1·88 | 1·27 | 2·18 | 2·645 |
| October..... | +4·41 | 3·53 | 3·57 | 4·36 | 4·49 | 6·12 | 6·81 | 5·33 | 2·27 | 1·23 | 4·212 |
| November..... | 2·58 | 2·83 | 2·64 | 1·59 | 4·29 | 6·55 | 4·44 | 6·88 | ·73 | ·83 | 3·336 |
| December..... | 2·05 | 3·03 | 5·83 | ·67 | 2·11 | 3·77 | 8·86 | 4·67 | 1·50 | ·95 | 3·344 |
| TOTALS ..... | 22·95 | 27·60 | 40·69 | 23·83 | 27·94 | 36·43 | 49·85 | 44·38 | 22·88 | 25·84 | 32·239 |

C C C

St New Galloway

70

# RAINFALL AT Castle Douglas Glagarie

Lat..... Lon..... County of Kirkcudbright

.....Rain Gauge, by..... Observer Miss Bruce

See - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | ·4 | | | | | | | | | | |
| Height ..... | ·6 | | 9 | | | | | | | | |
| Altitude ..... | 800. ft | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5·69 | | 14·22 | 9·35 | | | | | | | |
| February..... | 4·70 | | 10·47 | 1·45 | | | | | | | |
| March..... | 3·21 | | 8·37 | 3·75 | | | | | | | |
| April..... | 3·02 | | 1·97 | ·37 | | | | | | | |
| May ..... | 6·94 | | 3·40 | 2·75 | | | | | | | |
| June..... | 2·14 | | 7·00 | 2·27 | | | | | | | |
| July..... | 7·47 | | 3·50 | 8·67 | | | | | | | |
| August..... | 1·92 | | 4·07 | 6·36 | | | | | | | |
| September..... | 1·90 | | 7·24 | 4·70 | | | | | | | |
| October..... | 12·39 + | | 4·85 | 6·55 | | | | | | | |
| November..... | 3·27 | | 7·65 | 3·09 | | | | | | | |
| December..... | 2·20 | | 10·70 | 3·33 | | | | | | | |
| TOTALS ..... | 48·85 | | 83·44 | 52·66 | | | | | | | |

C C

Rosleith

# RAINFALL AT Castle Douglas Stogarie

Lat..... Lon..... County of Kirkcudbright.

.....Rain Gauge, by..... Observer Miss Bruce

See – 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .8 | | | | | | . | . | | | |
| Height ..... | 6 . | | | | | | . | . | | | |
| Altitude ..... | 300. | | | | | | . | 320 | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 6.36 | | | | | | 3.02 | 12.76 | | | |
| February..... | 4.91 | | | | | | 5.85 | 4.04 | | | |
| March ..... | 2.76 | | | | | | 4.72 | 2.90 | | | |
| April..... | 2.31 | | | | | | 3.08 | 3.20 | | | |
| May ..... | 6.04 | | | | | | .74 | 4.75 | | | |
| June..... | 1.76 | | | | | | 5.15 | 5.16 | | | |
| July ..... | 1.18 | | | | | | 1.88 | 4.75 | | | |
| August..... | 1.55 | | | | | | 4.95 | 6.60 | | | |
| September..... | 2.04 | | | | | | 4.39 | 2.47 | | | |
| October..... | + 11.01 | | | | | | 8.52 | 9.28 | | | |
| November..... | 3.10 | | | | | | 4.52 | 12.00 | | | |
| December..... | 1.95 # | | | | | | 9.75 | 7.91 | | | |
| TOTALS ..... | 45.77 | | | | | | 56.59 | 75.82 | | | |

No object above an angle of 30°

# RAINFALL AT New Galloway

Lat..... Lon..... County of Kirkcudbright

.....Rain Gauge, by..... Observer R. McKay Esq.

See – 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 8 | . | | | | | . | . | . | | |
| Height ..... | 20 | . | | | | | . | . | . | | |
| Altitude ..... | 200 ft | 220. | | 220 ft | | | . | . | . | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 4.76 | 4.84 | 10.86 | 8.33 | 4.76 | 11.11 | 3.44 | 11.51 | 5.41 | 1.90 | 6.692 |
| February..... | 4.20 | 6.00 | 6.01 | 1.49 | 2.82 | 2.18 | 6.24 | 3.99 | 2.77 | 2.68 | 3.838 |
| March..... | 2.10 | 4.36 | 4.89 | 4.09 | 2.12 | 2.18 | 4.75 | 2.65 | 2.15 | 2.64 | 3.193 |
| April..... | 1.83 | 4.90 | 1.05 | .28 | 3.76 | .92 | 2.36 | 2.41 | 2.96 | 2.07 | 2.254 |
| May ..... | 4.16 | .85 | 3.35 | 2.92 | .79 | 2.73 | .65 | 4.21 | 4.00 | 1.95 | 2.561 |
| June..... | 7.21 | 2.59 | 6.44 | 1.95 | 1.03 | 3.05 | 4.90 | 3.98 | 2.39 | 3.92 | 3.146 |
| July ..... | 1.26 | 4.16 | 2.98 | 7.20 | 2.21 | 2.54 | 2.17 | 3.39 | .18 | 4.92 | 3.101 |
| August..... | 1.33 | 3.70 | 5.76 | 5.45 | 6.03 | 2.64 | 4.04 | 6.03 | 2.29 | 5.15 | 4.242 |
| September..... | 4.13 | 2.21 | 6.27 | 4.00 | 4.73 | 7.46 | 3.01 | 2.22 | 4.75 | 6.47 | 4.525 |
| October..... | † 7.52 | 4.28 | 4.05 | 6.79 | 10.31 | 4.28 | 8.36 | 7.92 | 4.72 | 1.97 | 6.020 |
| November..... | 2.96 | 4.35 | 7.14 | 3.03 | 4.73 | 6.28 | 2.75 | 10.38 | 1.65 | 1.13 | 4.440 |
| December..... | 1.82 | 5.65 | 11.60 | 2.80 | 2.30 | 5.34 | 7.71 | 6.86 | 2.58 | 4.25 | 5.091 |
| TOTALS ..... | 37.28 | 47.89 | 70.40 | 48.33 | 45.59 | 50.71 | 50.38 | 65.55 | 35.85 | 39.05 | 49.103 |

C C C

# RAINFALL AT New Galloway Holm

70

Lat. ..... Lon. ..... County of Kirkcudbright

..... Rain Gauge, by ..... Observer W. Wallace

Dec - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter.... | | | | | | | | | | | |
| Height .... | | | | | | | | | | | |
| Altitude .... | | | | | | | | | | | |
| Year .... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January .... | | | | | | | 2·84 | 9·74 | 4·12 | 3·90 | |
| February. .. | | | | | | | 5·33 | 3·17 | 2·28 | | |
| March..... | | | | | | | 3·24 | 2·63 | 1·54 | | |
| April ..... | | | | | | | 2·40 | 3·04 | 3·22 | | |
| May ..... | | | | | | | ·73 | ·98 | 4·41 | | |
| June ..... | | | | | | | 4·46 | 3·68 | 2·50 | | |
| July..... | | | | | | | 1·95 | 3·38 | ·27 | | |
| August .... | | | | | | | 2·03 | 5·40 | 3·41 | | |
| September .. | | | | | | | 3·23 | 2·17 | 4·32 | | |
| October .... | | | | | | | 7·15 | 6·96 | 4·95 | | |
| November .. | | | | | | | 3·43 | 8·75 | 1·64 | | |
| December .. | | | | | | | 8·07 | 3·37 | | | |
| TOTALS .. | | 84·68 | 66·06 | 40·86 | 44·03 | 48·66 | 44·86 | 53·27 | | | |

# RAINFALL AT New Galloway Glenlee

Lat..... Lon..... County of Kirkcudbright

.....Rain Gauge, by..... Observer Wm. Wm. Melville

See - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .3 | | | | | | | | | | |
| Height ..... | 1.6 | | | | | | | | | | |
| Altitude ..... | 217. | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5.10 | | | | | | | | | | |
| February..... | 4.20 | | | | | | | | | | |
| March..... | 1.90 | | | | | | | | | | |
| April..... | 1.10 | | | | | | | | | | |
| May ..... | 4.90 | | | | | | | | | | |
| June..... | .90 | | | | | | | | | | |
| July ..... | 2.10 | | | | | | | | | | |
| August..... | 1.00 | | | | | | | | | | |
| September..... | 4.70 | | | | | | | | | | |
| October..... | 9.00 | | | | | | | | | | |
| November..... | 2.50 | | | | | | | | | | |
| December..... | 2.80 # | | | | | | | | | | |
| TOTALS ..... | 40.20 | | | | | | | | | | |

C

2nw

# RAINFALL AT New Galloway Waterside 70

Lat. ..... Lon. ..... County of Kirkcudbright

..... Rain Gauge, by ..... Observer J. Dalziel

Dec - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter.... | | | | | | 5 | . | | | | |
| Height .... | | | | | | 6 | . | | | | |
| Altitude .... | | | | | | 215 | . | | | | |
| Year .... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January .... | | | | | | 1·148 | 5·08 | | | | |
| February.... | | | | | | 2·21 | 7·12 | | | | |
| March..... | | | | | | 2·64 | 5·84 | | | | |
| April ..... | | | | | | 1·54 | 2·67 | | | | |
| May ..... | | | | | | 3·55 | ·80 | | | | |
| June ..... | | | | | | 3·51 | 6·71 | | | | |
| July..... | | | | | | 2·29 | 2·22 | | | | |
| August .... | | | | | | 2·78 | 4·83 | | | | |
| September .. | | | | | | 7·99 | 3·61 | | | | |
| October .... | | | | | | 5·78 | 7·86 | | | | |
| November .. | | | | | | 7·41 | 4·28 | | | | |
| December .. | | | | | | 5·51 | 6·64 | | | | |
| TOTALS .. | | | | | | 56·69 | 57·66 | | | | |

No Returns

# RAINFALL AT Carsphairn

Lat..... Lon..... County of Kirkcudbright

.....Rain Gauge, by..... Observer J. Hannah Esq.

Dec -3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .5 | . | | | | | . | . | . | . | |
| Height ..... | 3 .10 | . | | | | | . | . | . | . | |
| Altitude ..... | 574. | . | | | 574 | | . | . | . | . | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 6·02 | 4.67 | 13·14 | 11·60 | 6·92 | 15·13 | 4·09 | 12·09 | 7·33 | 1·99 | 8·298 |
| February..... | 7·30 | 5.71 | 8·73 | 1·98 | 3·46 | 2·08 | 6·94 | 5·86 | 4·10 | 3·45 | 4·961 |
| March ..... | 2·20 | 5·18 | 5·40 | 3·80 | 3·86 | 3·14 | 6·06 | 3·97 | 2·30 | 5·14 | 4·105 |
| April..... | 2·71 | 5·16 | 1·39 | ·53 | 4·50 | 1·52 | 2·61 | 3·46 | 3·34 | 2·48 | 2·770 |
| May ..... | 4·15 | 1·29 | 3·62 | 2·42 | 1·11 | 3·42 | ·96 | 4·57 | 4·77 | 2·18 | 2·849 |
| June..... | 1·84 | 5·19 | 7·11 | 2·17 | 1·68 | 3·80 | 5·84 | 4·50 | 2·32 | 6·29 | 4·074 |
| July ..... | 7·31 | 4·58 | 3·94 | 6·89 | 3·20 | 2·50 | 2·80 | 3·98 | ·45 | 5·88 | 3·553 |
| August..... | 1·75 | 4·39 | 5·85 | 5·87 | 6·38 | 3·70 | 4·07 | 6·47 | 4·80 | 7·41 | 5·069 |
| September..... | 5·31 | 2·24 | 8·90 | 5·58 | 5·95 | 7·70 | 3·75 | 3·00 | 6·36 | 7·25 | 5·604 |
| October..... | 12·19 | 5.50 | 5·33 | 7·79 | 12·63 | 5·41 | 9·86 | 8·12 | 9·22 | 2·41 | 7·846 |
| November..... | 3·35 | 4·83 | 9·47 | 4·44 | 9·21 | 8·61 | 4·15 | 11·62 | 1·95 | 1·36 | 5·899 |
| December..... | 3·20 | 8·67 | 13·80 | 3·95 | 2·90 | 6·27 | 9·44 | 8·78 | 2·94 | 4·40 | 6·435 |
| TOTALS ..... | 51·33 | 57·41 | 86·68 | 57·02 | 61·80 | 63·28 | 60·57 | 76·42 | 49·88 | 50·24 | 61·463 |

C C C

1879 House about 20ft. high & 40ft N.
Trees " 20 " " " 35 " S.

Carsphairn church 60 n 70 yds E.

S. Kirkcud. no. 70

# RAINFALL AT Kirkcudbright Torr No. Auchencairn

70

Lat. ..... Lon. ..... County of Kirkcudbright.

..... Rain Gauge, by ..... Observer .....

Mr Tc-L.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | 5 | | | | | | | | | |
| Height..... | | 8 | | | | | | | | | |
| Altitude..... | | 30 | | | | | | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5.18 | 4.00 | 9.12 | 4.49 | 5.70 | 6.32 | 2.92 | 10.21 | 5.01 | 2.49 | 5.544 |
| February..... | 3.65 | 3.30 | 4.90 | 2.07 | 2.71 | 2.08 | 6.01 | 3.76 | 3.40 | 2.28 | 3.416 |
| March..... | 2.59 | 3.09 | 4.29 | 4.19 | 3.02 | 1.68 | 5.21 | 3.00 | 2.22 | 3.10 | 3.239 |
| April..... | 1.53 | 2.60 | 1.70 | .28 | 1.75 | 1.80 | 2.43 | 2.89 | 2.55 | 1.65 | 1.918 |
| May..... | 5.28 | 2.04 | 2.81 | 3.22 | 1.06 | 2.54 | .32 | 4.02 | 4.14 | 2.05 | 2.748 |
| June..... | 1.77 | 1.80 | 6.87 | 1.93 | 1.50 | 4.17 | 4.26 | 5.11 | 3.24 | 5.37 | 3.602 |
| July..... | 1.18 | 5.47 | 3.70 | 6.33 | 3.13 | 2.38 | 2.48 | 5.17 | .75 | 7.26 | 3.785 |
| August..... | .97 | 3.53 | 5.20 | 5.90 | 5.70 | 2.94 | 4.22 | 7.65 | 5.13 | 5.42 | 4.666 |
| September.... | 4.09 | 1.91 | 6.39 | 4.10 | 4.68 | 6.31 | 5.70 | 3.10 | 4.20 | 5.34 | 4.582 |
| October..... | 6.66 | 5.02 | 5.35 | 8.00 | 10.85 | 5.75 | 5.31 | 8.10 | 4.14 | 3.19 | 6.231 |
| November.... | 3.15 | 5.11 | 5.84 | 3.14 | 4.81 | 4.98 | 3.45 | 11.47 | 1.94 | 1.36 | 4.525 |
| December.... | 2.01 | 8.74 | 8.28 | 2.01 | 5.18 | 4.00 | 8.42 | 6.07 | 2.21 | 3.77 | 5.069 |
| TOTALS.... | (38.00) | 46.61 | 64.45 | 45.66 | 50.09 | 44.95 | 50.73 | 70.55 | 38.93 | 43.28 | (49.325) |

1871 estimated from Dalbeattie

New Coast

# RAINFALL AT Dalbeattie Colvend Manse

70

Lat. ..... Lon. ..... County of Kirkcudbright

..... Rain Gauge, by ..... Observer Rev J Fraser

Mm 1C-46

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter .... | | | | | | | 5 | . | . | . | |
| Height .... | | | | | | | 1.6 | . | . | . | |
| Altitude .... | | | | | | | 120 | . | . | . | |
| Year .... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January .... | | | | | | 6·30 | 3·50 | 7·96 | 3·56 | 2·23 | |
| February .... | | | | | | 1·20 | 4·00 | 3·15 | 2·84 | 1·25 | |
| March ..... | | | | | | ·70 | 3·00 | 2·60 | ·95 | 2·15 | |
| April ..... | | | | | | 1·90 | 1·80 | 2·50 | 2·56 | ·98 | |
| May ..... | | | | | | 1·70 | ·35 | 2·75 | 3·20 | 2·05 | |
| June ..... | | | | | | 3·70 | 2·80 | 4·01 | 2·90 | 4·45 | |
| July ..... | | | | | | 2·10 | 3·55 | 4·04 | ·40 | 5·08 | |
| August .... | | | | | | 2·10 | 3·00 | 5·63 | 4·05 | 5·42 | |
| September .. | | | | | | 1·90 | 4·75 | 2·56 | 3·23 | 4·16 | |
| October .... | | | | | | 5·00 | 4·62 | 6·62 | 3·18 | 1·55 | |
| November .. | | | | | | 4·50 | 2·90 | 8·48 | 1·00 | 1·14 | |
| December .. | | | | | | 2·60 | 6·00 | 5·28 | 2·50 | 2·65 | |
| TOTALS .. | | | | | | 33·70 | 40·27 | 55·58 | 30·37 | 33·11 | |

# RAINFALL AT Dalbeattie

Lat..... Lon..... County of... Kirkcudbright.....

.....Rain Gauge, by..... Observer J. & J. Greive Esqrs.....

Mrr rc-4.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | ·5 | · | | | | | · | · | · | · | |
| Height ..... | ·8 | · | | | | | · | · | · | · | |
| Altitude ..... | 25? | · · | 60? | | | | 50 | · | · | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5·12 | 4.72 | 10·33 | 7·60 | 5·78 | 6·69 | 3·02 | 10·62 | 4·42 | 2·55 | 6·085 |
| February..... | 3·61 | 4.75 | 5·42 | 1·26 | 2·68 | 1·65 | 5·80 | 3·16 | 3·57 | 2·57 | 3·447 |
| March ..... | 2·56 | 3·29 | 4·63 | 3·68 | 2·48 | 1·93 | 3·46 | 3·44 | 1·38 | 3·53 | 3·038 |
| April..... | 1·51 | 4.40 | 1·52 | ·23 | 3·05 | 1·21 | 2·45 | 2·73 | 4·08 | 2·01 | 2·319 |
| May ..... | 5·22 | ·85 | 4·40 | 2·45 | 1·05 | 2·25 | ·88 | 4·27 | 4·45 | 1·68 | 2·750 |
| June..... | 1·75 | 1.80 | 7·12 | 1·79 | 1·38 | 3·81 | 4·68 | 4·05 | 2·85 | 5·75 | 3·498 |
| July ..... | 1·17 | 4·70 | 3·46 | 5·82 | 3·00 | 1·88 | 2·39 | 4·68 | ·25 | 4·80 | 3·215 |
| August..... | -·96 | 3·65 | 4·47 | 5·85 | 6·13 | 1·85 | 3·99 | 5·91 | 5·08 | 4·93 | 4·282 |
| September..... | 4·04 | 2·59 | 5·61 | 4·27 | 5·12 | 6·68 | 4·32 | 2·97 | 3·77 | 5·20 | 4·454 |
| October..... | +6·53 | 4·98 | 4·96 | 6·19 | 11·30 | 5·72 | 5·50 | 7·74 | 3·73 | 1·98 | 5·863 |
| November..... | 3·11 | 4·79 | 5·73 | 2·67 | 5·30 | 5·63 | 3·82 | 10·13 | 1·69 | 1·21 | 4·408 |
| December..... | 1·99 | 5.49 | 9·39 | 2·05 | 2·63 | 4·07 | 9·17 | 5·67 | 2·14 | 3·68 | 4·628 |
| TOTALS ..... | 37·57 | 46·01 | 67·04 | 43·86 | 49·90 | 43·37 | 49·48 | 65·37 | 37·41 | 39·89 | 47·990 |

C C C

70

# RAINFALL AT Kirkbean Woodside Cottage

Lat..... Lon..... County of Kirkcudbrightsh.

.....Rain Gauge, by..... Observer... Mrs J. Foulds.....

Mich 1880 - 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | 5 | | . | . | . | . | |
| Height ..... | | | | | 3 - | | . | . | . | . | |
| Altitude..... | | | | | 30? | | . | . | . | 33 | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | | 5·15 | 8·29 | 2·70 | 9·45 | 4·41 | 2·16 | |
| February..... | | | | | 1·95 | 1·33 | 6·67 | 3·54 | 2·70 | 2·60 | |
| March..... | | | | | 2·44 | 1·76 | 4·31 | 3·16 | 2·57 | 2·67 | |
| April..... | | | | | 2·01 | 1·60 | 3·07 | 2·94 | 3·28 | 1·18 | |
| May ..... | | | | | 1·54 | 2·40 | ·42 | 3·72 | 3·62 | 2·07 | |
| June..... | | | | | ·50 | 3·72 | 4·09 | 3·50 | 2·70 | 4·49 | |
| July ..... | | | | | 2·69 | 3·15 | 2·76 | 4·62 | ·55 | 5·68 | |
| August..... | | | | | 6·18 | 2·62 | 3·39 | 7·38 | 6·07 | 5·35 | |
| September..... | | | | | 5·15 | 5·00 | 4·56 | 3·30 | 3·86 | 4·89 | |
| October..... | | | | | 9·14 | 5·18 | 4·64 | 8·43 | 3·55 | 2·52 | |
| November..... | | | | | 4·13 | 5·37 | 3·85 | 8·67 | 1·85 | 1·54 | |
| December..... | | | | | 2·80 | 2·82 | 7·78 | 3·85 | 2·74 | 2·44 | |
| TOTALS..... | | | | | 43·68 | 43·24 | 48·24 | 62·56 | 37·90 | 37·59 | |

1874 Amount ends 9 a.m. day of observation

1875 Gauge very slightly sheltered by trees

1878 House 24 ft high

1879 " 16 ft 6 in high 60 ft W.

Kirkbean church 300 yds E.

# RAINFALL AT New Abbey St Mary's

Lat..... Lon..... County of Kirkcudbright.....

.....Rain Gauge, by..... Observer Rev. W. Downie.....

with rc - 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | | | 3 | . | . | . | |
| Height ..... | | | | 4 | | | . | . | . | . | |
| Altitude..... | | | | 54 | | | . | . | . | . | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | 8.00 | 6.60 | 7.98 | 2.06 | 8.19 | 5.04 | | |
| February..... | | | | .40 | 2.06 | 1.07 | 4.76 | 3.88 | 3.34 | | 6.10 |
| March..... | | | | 3.27 | 5.04 | 1.26 | 4.25 | 1.58 | 1.08 | | |
| April..... | | | | .65 | 4.36 | 1.21 | 3.50 | 4.18 | 1.36 | 2.49 | |
| May ..... | | | | 2.32 | .91 | 1.68 | .40 | 3.42 | 3.72 | 1.98 | |
| June..... | | | | 1.85 | 1.47 | 3.34 | 4.41 | 2.91 | 2.58 | 6.46 | |
| July ..... | | | | 8.20 | 2.34 | 2.55 | 1.77 | 5.19 | 1.41 | 5.39 | |
| August..... | | | | 9.20 | 6.61 | 1.68 | 4.11 | 8.09 | 4.08 | 5.36 | |
| September..... | | | | 3.10 | 4.63 | 5.86 | 3.93 | 2.82 | 4.83 | 6.27 | |
| October..... | | | | 6.52 | 10.85 | 5.22 | 5.99 | 8.63 | 5.43 | 2.50 | |
| November..... | | | | 3.91 | 6.54 | 5.27 | 4.10 | 9.69 | 2.80 | 1.52 | |
| December..... | | | | 2.84 | 2.42 | 4.35 | 9.08 | 4.67 | 1.00 | 4.27 | |
| TOTALS..... | | | | 50.06 | 53.83 | 41.47 | 48.36 | 63.25 | 36.67 | 42.34 | |

1877 House on the N 40ft high & 80ft distant Bush
on the S 12ft high & 4ft distant

# RAINFALL AT Cargen [Dumfries]

Lat..... Lon..... County of... Kirkcudbright.

.....Rain Gauge, by..... Observer P Dudgeon Esq.

Mill + C - 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .3 | . | | .4 | | .3 | | . | . | . | |
| Height ..... | .4 ft | . | | | | | | . | . | . | |
| Altitude ..... | 80. | . | | | | | | . | . | . | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5·29 | 3.92 | 10·02 | 8·70 | 5·70 | 8·42 | 2·39 | 10·00 | 4·76 | 1·92 | 6·112 |
| February..... | 5·20 | 5.90 | 6·76 | 1·05 | 2·30 | 1·21 | 6·38 | 3·12 | 3·16 | 2·99 | 3·807 |
| March ..... | 1·29 | 3.47 | 3·96 | 3·59 | 2·74 | 1·60 | 4·76 | 2·11 | 1·44 | 2·84 | 2·780 |
| April..... | 1·61 | 4.33 | 1·13 | ·10 | 3·98 | 1·50 | 2·61 | 3·53 | 2·74 | 1·34 | 2·287 |
| May ..... | 4·68 | 7.00 | 3·54 | 2·22 | 1·17 | 1·84 | ·60 | 3·69 | 5·03 | 1·57 | 2·534 |
| June..... | 1·40 | 2·18 | 5·91 | 1·42 | 1·35 | 4·58 | 3·86 | 3·41 | 1·95 | 5·65 | 3·171 |
| July ..... | 7·16 | 4·83 | 4·31 | 5·46 | 1·84 | 2·45 | 2·06 | 4·65 | ·43 | 4·14 | 3·133 |
| August..... | 2·14 | 3.02 | 3·27 | 6·49 | 7·07 | 2·30 | 4·16 | 7·13 | 2·89 | 4·20 | 4·267 |
| September..... | 4·06 | 2·60 | 5·62 | 3·76 | 6·00 | 5·47 | 4·01 | 2·68 | 4·24 | 5·63 | 4·407 |
| October..... | 8·56 | 4·00 | 5·12 | 6·08 | 10·72 | 5·22 | 4·93 | 6·86 | 3·88 | 1·73 | 5·710 |
| November..... | 2·32 | 3.40 | 5·30 | 2·44 | 5·50 | 4·44 | 3·73 | 8·99 | 2·01 | 1·01 | 3·914 |
| December..... | 2·26 | 5·89 | 8·56 | 2·21 | 2·69 | 4·11 | 8·83 | 5·25 | 1·82 | 3·70 | 4·532 |
| TOTALS ..... | 39·97 | 44·54 | 63·50 | 43·52 | 51·06 | 43·14 | 48·32 | 61·42 | 34·35 | 36·72 | 46·654 |

C C C

70

# RAINFALL AT Dumfries Ashbank

*Lat.*..... *Lon.*..... *County of* ~~Dumfries~~ Kircudbright

.....*Rain Gauge, by*..... *Observer*.....

Nith Fc - 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | | | ·3 | | ·3 | | |
| Height ..... | | | | | | | ·6 | | 1· | | |
| Altitude..... | | | | | | | | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | | 5·70 | 9·40 | 2·50 | 8·50 | 4·40 | 1·80 | |
| February..... | | | | | 1·70 | 1·10 | 4·80 | 3·70 | 3·00 | 2·30 | |
| March..... | | | | | 2·80 | 1·40 | 3·70 | 1·80 | 1·00 | 2·40 | |
| April..... | | | | | 3·20 | 1·40 | 2·90 | 2·80 | 2·40 | 1·30 | |
| May ..... | | | | | 1·10 | 1·80 | ·40 | 2·50 | 4·20 | 1·60 | |
| June..... | | | | | ·70 | 3·70 | 3·70 | 3·80 | 2·30 | 4·80 | |
| July ..... | | | | | 2·80 | 3·50 | 2·20 | 5·00 | ·20 | 5·00 | |
| August..... | | | | | 6·70 | 2·10 | 3·90 | 6·90 | 3·20 | 3·80 | |
| September..... | | | | | 4·30 | 5·80 | 4·00 | 2·70 | 3·90 | 4·00 | |
| October..... | | | | | 10·40 | 5·50 | 4·40 | 5·80 | 3·60 | 2·30 | |
| November..... | | | | | 4·80 | 3·70 | 4·70 | 8·50 | 1·70 | ·90 | |
| December..... | | | | | 2·00 | 3·80 | 6·30 | 4·90 | 1·40 | 2·80 | |
| TOTALS..... | | | | | 46·20 | 43·20 | 43·50 | 56·90 | 31·30 | 33·00 | |

# RAINFALL AT Dumfries Crichton Asylum

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer Dr Gilchrist

with rc-3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | ·8 | · | | | | | · | · | · | · | |
| Height ..... | ·6 | ·7 | | ·6 | | | · | · | · | · | |
| Altitude ..... | 154· | 159. | | | | | 173 | 159 | · | · | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 4·11 | 2·61 | 8·15 | 7·84 | 4·59 | 7·18 | 1·86 | 7·66 | 3·65 | 1·13 | 4·848 |
| February..... | 4·26 | 4·60 | 5·71 | 1·38 | 1·84 | 1·18 | 5·09 | 2·66 | 2·38 | 2·62 | 3·172 |
| March ..... | 1·67 | 2·48 | 3·36 | 3·67 | 2·15 | 1·42 | 3·59 | 2·21 | 1·07 | 2·57 | 2·419 |
| April..... | 1·23 | 3·89 | ·99 | ·16 | 3·55 | 1·26 | 2·70 | 2·93 | 3·36 | 1·28 | 2·135 |
| May ..... | 4·13 | 1·12 | 3·35 | 1·70 | 1·22 | 1·73 | ·63 | 3·20 | 4·85 | 1·73 | 2·366 |
| June..... | 1·51 | 2·65 | 6·13 | 1·65 | ·79 | 3·89 | 3·11 | 2·66 | 2·48 | 5·28 | 3·015 |
| July ..... | 1·21 | 4·16 | 4·30 | 5·93 | 2·20 | 3·00 | 1·79 | 4·79 | ·47 | 4·21 | 3·206 |
| August..... | 1·48 | 3·02 | 3·39 | 8·67 | 6·69 | 2·31 | 3·87 | 6·95 | 3·14 | 4·58 | 4·410 |
| September..... | 3·66 | 2·58 | 4·72 | 4·01 | 5·02 | 5·43 | 3·84 | 2·37 | 3·20 | 4·77 | 3·960 |
| October..... | 7·03 | 3·65 | 4·71 | 5·51 | 9·33 | 4·82 | 4·48 | 6·27 | 3·47 | 1·50 | 5·077 |
| November..... | 1·96 | 2·89 | 4·83 | 2·07 | 5·64 | 3·94 | 3·65 | 7·79 | (·88) | 1·08 | 3·473 |
| December..... | 2·03 | 4·28 | 6·31 | 1·65 | 2·66 | 3·00 | 8·68 | 4·10 | 2·02 | 2·56 | 3·729 |
| TOTALS ..... | 34·28 | 37·93 | 55·95 | 44·24 | 45·68 | 39·16 | 43·29 | 53·59 | 30·97 | 33·31 | 41·840 |

C C C

A flag staff and a few small trees about 30 yds distant from gauge & a level two or three yds lower

1878 Nil printed, amount for Nov^r believed to be erroneous

S^t Michaels church ½ mile N.

# RAINFALL AT Dumfries March Hill Cottage

Lat..... Lon..... County of Dumfries.....

.....Rain Gauge, by..... Observer Mr. J Hogg.....

With C - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .5 | . | | | | | | | | | |
| Height ..... | .5 | 1.0 | | | | | | | | | |
| Altitude ..... | 70. | . | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 3.28 | 2.58 | 6.35 | 6.44 | 3.79 | | | | | | |
| February..... | 3.87 | 3.93 | 5.26 | 1.07 | 1.35 | | | | | | |
| March ..... | .86 | 2.09 | 3.06 | 3.12 | 2.01 | | | | | | |
| April..... | .69 | 4.55 | 1.16 | .14 | 2 12 | | | | | | |
| May ..... | 2.49 | 1.03 | 8.29 | 1.63 | 1.35 | | | | | | |
| June..... | 1.51 | 2.35 | 5.60 | 1.90 | .92 | | | | | | |
| July ..... | 1.27 | 3.93 | 4.01 | 6.08 | 2.68 | | | | | | |
| August..... | 1.72 | 2.54 | 3.04 | 5.80 | 6.25 | | | | | | |
| September..... | 2.89 | 2.63 | 4.71 | 2.82 | 3.30 | | | | | | |
| October..... | +5.72 | 3.54 | 4.61 | 4.83 | 5.13 | | | | | | |
| November..... | 2.07 | 2.31 | 3.92 | 1.83 | 5.64# | | | | | | |
| December..... | 1.95 | 3.84 | 5.25 | 1.35 | | | | | | | |
| TOTALS ..... | 28.32 | 35.32 | 50.26 | 37.01 | | | | | | | |

C C C

# RAINFALL AT Closeburn Wallace Hall

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer C J Ramage Esq^r

with RC-3

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | ·3 | · | | | | | · | · | · | | |
| Height ..... | ·10 | · | 9·6 | | ·10 | | · | · | · | | |
| Altitude ..... | 207· | · | | | | | · | · | · | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 4·70 | 1·00 | 9·70 | 8·40 | 4·60 | 6·10 | 1·30 | 9·30 | 3·40 | | |
| February..... | 5·20 | 6·00 | 5·80 | ·80 | 2·70 | ·30 | 4·60 | 2·80 | 2·10 | | |
| March ..... | 1·00 | 3·20 | 2·60 | 2·50 | 2·40 | ·40 | 3·60 | 1·80 | ·80 | | |
| April..... | ·70 | 2·80 | ·90 | ·10 | 2·60 | ·30 | 2·00 | 3·40 | 2·00 | | |
| May ..... | 2·80 | .30 | 2·50 | ·80 | ·60 | ·30 | ·40 | 3·20 | 3·50 | | |
| June..... | ·60 | 2·50 | 5·60 | ·90 | ·10 | 3·70 | 3·40 | 3·00 | 1·10 | | |
| July ..... | ·70 | 3·80 | 3·40 | 6·40 | 2·00 | 1·00 | 1·10 | 3·60 | ·00 | | |
| August..... | 2·80 | 1.10 | 2·70 | 4·80 | 4·30 | 2·20 | 3·50 | 3·80 | 2·50 | | |
| September..... | 2·20 | 2·30 | 4·50 | 3·70 | 3·70 | 4·50 | 2·50 | 2·50 | 4·50 | | |
| October..... | 6·40 | 4·10 | 4·30 | 5·40 | 9·80 | 4·70 | 5·00 | 5·00 | 3·20 | | |
| November..... | 2·80 | 1·70 | 6·40 | 2·10 | 4·00 | 3·10 | 3·70 | 8·50 | 1·20 | | |
| December..... | 2·00 | 4·50 | 9·90 | 2·00 | 2·00 | 3·50 | 8·50 | 3·40 | 2·00 # | | |
| TOTALS ..... | 31·90 | 33·30 | 58·30 | 37·90 | 38·80 | 30·10 | 39·60 | 50·30 | 26·30 | | |

C C C

# RAINFALL AT Capenoch Thornhill

70

Lat. ..... Lon. ..... County of Dumfries

Rain Gauge, by ..... Observer T. S. Gladstone Esq.
Wm. Mc. Kellar

With tc-3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter .... | 5 | | | | | | | . | . | | |
| Height .... | 1 . - | | | | | | | . | . | | |
| Altitude .... | 300 | | | | | | | | . | | |
| Year .... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January .... | 4·75 | 5·38 | 10·37 | 8·15 | 5·57 | 9·20 | 3·13 | 10·13 | 4·61 | 2·87 | 6·416 |
| February .. | 5·44 | 5·13 | 6·73 | 1·02 | 2·71 | 1·69 | 5·75 | 4·30 | 2·07 | 2·82 | 3·766 |
| March ..... | 1·25 | 3·99 | 3·93 | 3·61 | 2·51 | 2·59 | 5·31 | 2·60 | 2·72 | 2·60 | 3·111 |
| April ..... | 1·93 | 4·22 | 2·50 | ·13 | 4·03 | 2·26 | 2·81 | 3·29 | 3·13 | 2·76 | 2·706 |
| May ..... | 2·22 | ·67 | 2·05 | 1·99 | ·21 | 2·18 | ·84 | 3·60 | 4·90 | 1·70 | 2·036 |
| June ..... | 1·41 | 2·83 | 5·36 | 2·55 | 1·38 | 4·77 | 4·02 | 4·06 | 2·29 | 6·13 | 3·480 |
| July ..... | 1·58 | 4·70 | 4·30 | 6·87 | 3·67 | 2·92 | 2·33 | 3·82 | ·28 | 5·56 | 3·603 |
| August .... | 1·81 | 3·43 | 3·83 | 5·16 | 5·97 | 2·68 | 4·36 | 6·02 | 3·57 | 5·17 | 4·200 |
| September .. | 4·48 | 1·49 | 5·56 | 3·75 | 5·73 | 7·16 | 3·08 | 3·26 | 5·16 | 5·55 | 4·522 |
| October .... | 7·20 | 4·89 | 4·46 | 7·38 | 9·44 | 4·81 | 6·86 | 6·58 | 5·48 | 2·31 | 5·940 |
| November .. | 2·71 | 2·59 | 7·10 | 3·64 | 5·46 | 5·31 | 3·74 | 9·21 | 1·37 | 1·12 | 4·225 |
| December .. | 2·20 | 5·14 | 8·36 | 3·02 | 2·14 | 3·33 | 8·33 | 5·95 | 2·40 | 3·20 | 4·404 |
| TOTALS .. | 36·98 | 44·46 | 64·54 | 47·27 | 48·82 | 48·90 | 50·56 | 62·82 | 37·98 | 41·79 | 48412 |

# RAINFALL AT Durrisdeer Drumlanrig Castle

Lat..... Lon..... County of Dumfries.....

.....Rain Gauge, by..... Observer A. Buchan Esq.

With +c - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 3 | . | | | | | . | | . | | |
| Height ..... | 6 | . | | | | | . | | . | | |
| Altitude ..... | 191 | . | | | | | . | | . | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 4.40 | 5.00 | 11.00 | 10.10 | 5.90 | 11.10 | 4.80 | 12.50 | 5.50 | 2.00 | 7.230 |
| February..... | 6.20 | 5.00 | 7.40 | 1.20 | 3.00 | 2.10 | 6.70 | 5.90 | 3.00 | 2.70 | 4.320 |
| March ..... | 1.60 | .90 | 3.90 | 3.70 | 3.90 | 2.80 | 7.30 | 4.00 | 2.10 | 3.60 | 3.380 |
| April..... | 2.20 | 3.20 | 2.00 | .15 | 3.80 | 2.10 | 2.90 | 4.50 | 3.00 | 1.20 | 2.505 |
| May ..... | 3.90 | .90 | 3.30 | 2.30 | 1.20 | 2.90 | 2.10 | 3.90 | 4.40 | 1.10 | 2.600 |
| June..... | 1.70 | 3.20 | 8.00 | 1.60 | 1.45 | 5.90 | 5.00 | 4.10 | 2.10 | 6.20 | 3.925 |
| July ..... | 2.00 | 4.80 | 4.10 | 7.70 | 3.90 | 2.70 | 3.10 | 3.30 | .20 | 5.10 | 3.690 |
| August..... | .11 | 3.80 | 4.30 | 5.90 | 6.80 | 3.10 | 5.40 | 5.40 | 3.80 | 6.40 | 4.501 |
| September..... | 4.40 | 1.20 | 5.70 | 4.30 | 6.60 | 7.60 | 4.20 | 3.80 | 5.60 | 5.60 | 4.900 |
| October..... | †7.50 | 4.70 | 4.00 | 8.70 | 11.10 | 4.80 | 8.70 | 6.80 | 5.20 | 2.40 | 6.330 |
| November..... | 2.80 | 2.90 | 8.40 | 3.60 | 6.30 | 6.40 | 4.90 | 10.30 | 1.30 | .80 | 4.770 |
| December..... | 2.00 | †6.30 | 9.50 | 3.50 | 2.28 | 4.90 | 8.60 | 6.00 | 2.00 | 3.10 | 4.818 |
| TOTALS ..... | 38.81 | 41.90 | 71.60 | 52.15 | 56.23 | 56.40 | 63.70 | 70.50 | 38.20 | 40.20 | 52.969 |

C C C

# RAINFALL AT Sanquhar Wanlock Head

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer W. Gilbert Dawson

With tc-3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .3 | . | | | | | . | . | . | . | |
| Height ..... | .4 | . | | | | | . | . | . | . | |
| Altitude ..... | 1330. | . | | 1330 ↑ | | | . | . | . | . | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5.66 | (6.10) | 16.75 | 12.52 | 7.51 | 14.14 | 4.16 | 13.91 | 6.23 | 1.42 | 8.840 |
| February..... | 6.94 | 8.84 | 9.36 | 1.85 | 4.62 | 2.08 | 6.78 | 7.19 | 4.82 | 5.08 | 5.956 |
| March..... | 2.66 | 6.26 | 6.80 | 5.38 | 3.88 | 3.56 | 8.62 | 2.37 | 3.24 | 5.15 | 4.792 |
| April..... | 3.07 | 4.28 | 2.35 | .23 | 4.53 | 2.36 | 2.50 | 2.61 | 2.48 | 3.39 | 2.980 |
| May ..... | 5.36 | 1.05 | 2.96 | 3.73 | .99 | 3.36 | 1.24 | 5.28 | 4.76 | 2.58 | 3.131 |
| June..... | 2.02 | 2.02 | 9.25 | 3.64 | 1.71 | 5.63 | 4.34 | 5.53 | 5.35 | 6.35 | 4.584 |
| July..... | 1.89 | 5.84 | 3.78 | 12.95 | 3.15 | 2.83 | 2.24 | 5.13 | 1.09 | 4.08 | 4.298 |
| August..... | 1.90 | 5.59 | 6.12 | 6.74 | 7.96 | 2.85 | 8.39 | 8.05 | 6.02 | 3.77 | 5.739 |
| September..... | 4.59 | 3.35 | 8.41 | 6.39 | 7.04 | 9.52 | 2.96 | 3.77 | 8.84 | 7.60 | 6.247 |
| October..... | +7.95 | 4.67 | 5.82 | 7.83 | 12.47 | 5.25 | 7.86 | 9.15 | 8.48 | 4.02 | 7.350 |
| November..... | 4.50 | 2.53 | 10.56 | 4.80 | 4.71 | 7.19 | 4.42 | 10.86 | 3.44 | 1.01 | 5.402 |
| December..... | 2.77 | 9.21 | 15.54 | 5.86 | 2.59 | 6.96 | 10.73 | 7.37 | 3.98 | 4.94 | 6.995 |
| TOTALS ..... | 49.31 | (59.74) | 97.70 | 71.92 | 61.16 | 65.73 | 64.24 | 81.22 | 58.73 | 49.39 | 65.914 |

C C C

1877 A dyke 3ft 6 high & 10 yards distant N.W, S.E, & S.W.
79 House 20ft " & 13 yds NE

Wanlock Head 1 furlong W.

# RAINFALL AT Annan Barmanbie

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer D. A. Carruthers Esq.

Annan – 44.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .8 | ' | | | | | . | . | . | . | |
| Height ..... | 3 . | ' | | | | | . | . | . | . | |
| Altitude ..... | 100. | . | | | | | . | . | . | . | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 4.33 | 2.33 | 5.73 | 7.48 | 3.80 | 6.32 | 2.17 | 7.01 | 3.84 | 1.89 | 4.490 |
| February..... | 2.00 | 5.03 | 4.14 | 1.01 | 2.29 | 1.08 | 6.19 | 2.54 | 2.79 | 2.96 | 3.003 |
| March ..... | 1.53 | 1.33 | 3.59 | 2.95 | 2.33 | 1.16 | 3.71 | 2.56 | 1.33 | 2.21 | 2.270 |
| April..... | .94 | 4.72 | .91 | .27 | 2.39 | 1.39 | 3.35 | 2.23 | 2.70 | 1.25 | 2.015 |
| May ..... | 2.55 | 1.09 | 2.91 | 2.21 | 1.31 | 1.24 | .59 | 3.18 | 3.93 | 2.55 | 2.156 |
| June..... | 1.92 | 2.55 | 6.28 | 1.83 | .84 | 4.08 | 3.28 | 3.30 | 2.19 | 6.52 | 3.279 |
| July ..... | 1.03 | 4.50 | 4.63 | 5.08 | 3.36 | 2.50 | 1.94 | 6.49 | .68 | 4.94 | 3.515 |
| August..... | 1.85 | 3.50 | 5.62 | 4.67 | 6.81 | 2.19 | 3.92 | 7.03 | 4.19 | 4.45 | 4.223 |
| September..... | 3.23 | 2.35 | 5.00 | 4.18 | 4.71 | 5.49 | 3.62 | 2.94 | 4.26 | 5.24 | 4.102 |
| October..... | †6.81 | 4.46 | 5.75 | 5.29 | 7.18 | 3.39 | 3.50 | 6.85 | 2.67 | 1.50 | 4.740 |
| November..... | 2.33 | 2.69 | 4.23 | 1.71 | 5.21 | 3.65 | 3.03 | 6.51 | 1.65 | 1.25 | 3.226 |
| December..... | 1.60 | 4.21 | 4.92 | 1.37 | 2.77 | 3.45 | 7.47 | 4.51 | 3.50 | 2.44 | 3.624 |
| TOTALS ..... | 30.12 | 38.76 | 53.71 | 38.05 | 43.00 | 35.94 | 42.77 | 55.15 | 33.73 | 37.20 | 40.843 |

C C C

1877 Fruit Trees 6ft high 12ft from gauge

1878 " " 3ft 9in " 6ft " "

# RAINFALL AT Ecclefechan Kirkconnel Hall

Lat. ..... Lon. ..... County of Dumfries

Rain Gauge, by ..... Observer C. Arnott Esq

Annan – 4.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | | | | | 7 | | | | | | |
| Height | | | | | 4·– | | | | | | |
| Altitude | | | | | 236 | | | | | | |
| Year | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January | | | | | 3·80 | 7·07 | 1·94 | 6·31 | 3·48 | ·70 | |
| February | | | | | 2·53 | 1·09 | 4·97 | 3·01 | 2·76 | 2·38 | |
| March | | | | | 2·68 | 1·34 | 3·33 | 2·29 | ·71 | 2·23 | |
| April | | | | | 2·52 | 1·88 | 3·23 | 2·53 | 3·01 | 1·47 | |
| May | | | | | 1·47 | 2·19 | ·74 | 3·40 | 3·15 | 2·77 | |
| June | | | | | ·78 | 5·34 | 3·28 | 3·92 | 2·18 | 6·04 | |
| July | | | | | 2·90 | 2·48 | 2·25 | 6·58 | ·75 | 4·21 | |
| August | | | | | 7·65 | 2·77 | 4·40 | 7·76 | 3·79 | 4·09 | |
| September | | | | | 4·07 | 6·15 | 3·19 | 2·64 | 4·11 | 4·22 | |
| October | | | | | 7·20 | 3·42 | 4·74 | 7·15 | 2·73 | 2·02 | |
| November | | | | | 4·85 | 4·15 | 3·36 | 6·95 | 1·70 | 1·18 | |
| December | | | | | 1·27 | 2·85 | 6·28 | 3·96 | 2·65 | 2·21 | |
| TOTALS | | | | | 41·72 | 40·73 | 41·71 | 56·50 | 31·02 | 33·52 | |

# RAINFALL AT Kirkpatrick Juxta Broomlands

Lat..... Lon..... County of Dumfries.....

.....Rain Gauge, by..... Observer Mr. Geo. Burgess.....

Annan – 4.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .3 | " | | | | | | | | | |
| Height ..... | .3 | " | | | | | | | | | |
| Altitude ..... | 346 | " | | 146 | 346 | | 350 | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5·70 | 5.80 | 13·10 | 15·90 | 7·35 | 16·40 | 4·30 | 15·05 | 6·85 | 1·95 | 9·240 |
| February..... | 7·80 | 7·15 | 6·30 | ·82 | 3·70 | 1·30 | 7·00 | 5·60 | 6·35 | 3·70 | 4·942 |
| March ..... | 2·50 | 4·75 | 5·10 | 3·60 | 4·63 | 2·05 | 7·50 | 2·05 | 2·80 | 4·40 | 3·938 |
| April..... | 1·90 | 3.80 | 1·35 | ·04 | 4·43 | 2·50 | 3·57 | 2·95 | 1·80 | 1·70 | 2·404 |
| May ..... | 5·40 | 1·20 | 2·70 | 2·10 | ·80 | 1·85 | ·80 | 4·65 | 5·90 | 2·25 | 2·765 |
| June..... | 7·52 | 3.40 | 7·70 | 2·40 | ·75 | 7·20 | 5·70 | 5·30 | 4·20 | 6·60 | 4·477 |
| July ..... | 2·00 | 5·50 | 4·00 | 9·20 | 5·05 | 3·50 | 2·50 | 4·10 | ·25 | 5·15 | 4·125 |
| August..... | 2·05 | 3·80 | 3·40 | 6·70 | 8·05 | 4·00 | 4·70 | 5·70 | 4·70 | 6·25 | 4·935 |
| September..... | 5·00 | 1·10 | 6·60 | 5·50 | 7·50 | 9·65 | 2·30 | 3·60 | 6·80 | 7·40 | 5·545 |
| October..... | 6·80 | 5.70 | 5·10 | 9·55 | 13·40 | 5·20 | 7·55 | 10·90 | 6·80 | 1·65 | 7·465 |
| November..... | 2·70 | 3.40 | 8·00 | 3·16 | 6·50 | 6·70 | 2·60 | 13·50 | 1·75 | 2·00 | 5·031 |
| December..... | 1·90 | 8·50 | 12·85 | 4·80 | 2·30 | 8·80 | 8·70 | 6·70 | 2·70 | 2·20 | 5·945 |
| TOTALS ..... | 47·27 | 54·10 | 76·20 | 63·77 | 64·46 | 69·15 | 57·22 | 80·10 | 50·90 | 45·25 | 60·842 |

C C C

70

# RAINFALL AT Moffat Eriesdane

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer... Mr Welsh

Annan – 4.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | | | | | | | |
| Height ..... | | | | | | | | | | | |
| Altitude..... | | | | | | 550 | | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5·55 | 5·59 | 1·478 | 11·60 | (5·92) 7·60 | (12·42) 12·80 | 3·90 | 14·80 | 6·30 | 1·60 | 8·452 |
| February..... | 7·59 | 6·88 | 7·11 | 1·30 | (3·08) 4·10 | (1·69) 2·60 | 6·90 | 5·20 | 3·80 | 3·00 | 4·848 |
| March..... | 2·43 | 4·57 | 5·76 | 3·40 | (3·19) 3·40 | (2·00) 2·60 | 7·50 | 2·70 | 3·20 | 3·50 | 3·906 |
| April..... | 1·85 | 3·66 | 1·52 | ·30 | (3·73) 5·00 | (1·73) 1·60 | 3·70 | 3·30 | 1·60 | 1·40 | 2·393 |
| May ..... | 5·25 | 1·16 | 3·05 | 2·25 | (·87) 1·40 | (1·74) 2·20 | ·90 | 4·10 | 4·80 | 2·80 | 2·791 |
| June..... | 1·48 | 3·27 | 8·69 | 1·75 | (1·04) 1·90 | (5·39) 5·50 | 3·70 | 4·70 | 3·50 | 6·30 | 4·079 |
| July ..... | 1·95 | 5·30 | 4·51 | 9·30 | (3·55) 3·90 | (2·82) 3·10 | 1·00 | 4·20 | ·50 | 4·90 | 3·866 |
| August..... | 1·99 | 3·66 | 3·84 | 5·35 | (6·80) 9·20 | (3·15) 3·40 | 5·10 | 4·90 | 3·80 | 6·60 | 4·784 |
| September..... | 4·87 | 1·06 | 7·45 | 4·25 | (5·83) 7·20 | (8·12) 9·40 | 2·80 | 3·70 | 6·00 | 6·20 | 5·293 |
| October..... | 8·56 | 5·49 | 5·76 | 7·50 | (10·09) 12·10 | (4·49) 5·30 | 6·10 | 7·90 | 5·70 | 2·40 | 6·681 |
| November..... | 2·63 | 3·27 | 9·03 | 3·90 | (4·81) 5·60 | (6·00) 7·30 | 4·40 | 12·30 | 2·60 | 1·50 | 5·253 |
| December..... | 1·85 | 8·19 | 14·50 | 5·10 | (3·29) 6·10 | (7·15) 8·00 | 11·30 | 6·30 | 7·60 | 4·50 | 7·344 |
| TOTALS..... | (46·00) | 52·10 | 86·00 | 56·00 | 67·50 | 63·80 | 57·30 | 74·10 | 49·40 | 44·70 | 59·690 |

too Lo
(52·20) (56·70)

1870 estimated from Kirkpatrick Juxta, Broomlands + Drumlanrig Castle monthly distribution from Broomlands alone

1874 & 1875 Estimates (Mid Lanark 1912)

# RAINFALL AT Canobie School

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer J White

Gk – 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 3 | | | | | | | | | | |
| Height ..... | 2 | | | | | | | | | | |
| Altitude ..... | 140 | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 6.90 | | | | | | | | | | |
| February..... | 4.10 | | | | | | | | | | |
| March ..... | 2.70 | 2.80 | | | | | | | | | |
| April..... | 3.10 | | | | | | | | | | |
| May ..... | 4.70 | | | | | | | | | | |
| June..... | 5.20 | | | | | | | | | | |
| July ..... | 2.10 | 5.10 | | | | | | | | | |
| August..... | 1.10 | 2.90 | | | | | | | | | |
| September..... | 2.10 | 4.60 | | | | | | | | | |
| October..... | 7.20 | 4.70 | | | | | | | | | |
| November..... | 3.75 | 4.20 | | | | | | | | | |
| December..... | 4.10 | 6.90 | | | | | | | | | |
| TOTALS ..... | 47.05 | | | | | | | | | | |

C C

# RAINFALL AT Canobie Byerburnfoot

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer J. Little Esq.

Mr. Dought

Gk - 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .3 | . | | | | | | | . | . | |
| Height ..... | 2 . | . | 6 | | | | | | . | . | |
| Altitude ..... | 140. | . | 140 | | | | | | 200 | 160 | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 6.90 | 4.70 | 9.10 | 9.50 | 4.25 | 9.00 | 2.88 | 9.13 | 4.50 | 1.50 | 61.46 |
| February..... | 3.75 | 4.80 | 5.50 | 1.40 | 4.30 | 1.75 | 7.00 | 3.12 | 4.00 | 3.75 | 39.37 |
| March ..... | 2.40 | 3.00 | 4.60 | 2.75 | 4.00 | (1.80) | 5.50 | 3.25 | 2.13 | 3.25 | (32.68) |
| April..... | 1.70 | 6.50 | 1.60 | .00 | 2.75 | .50 | 2.50 | 3.00 | 4.25 | .50 | 23.30 |
| May ..... | 4.50 | .50 | 3.25 | 2.00 | (1.45) | 2.50 | .37 | 2.75 | 3.87 | 2.13 | 23.32 |
| June..... | 2.00 | 3.75 | 5.00 | 2.50 | 2.75 | 4.50 | 3.00 | 3.13 | 3.00 | 4.00 | 33.63 |
| July ..... | 1.70 | 5.10 | 4.00 | 5.75 | 3.50 | 1.25 | 1.50 | 5.62 | 1.25 | 4.50 | 34.17 |
| August..... | 1.20 | 2.50 | 3.75 | 5.75 | 8.50 | 3.50 | 3.50 | 9.25 | 4.75 | 4.62 | 47.32 |
| September..... | 2.00 | 2.25 | 9.00 | 6.00 | 6.25 | (5.30) | 3.13 | 2.63 | 5.00 | 6.13 | (47.69) |
| October..... | 7.00 | 4.50 | 5.50 | 5.75 | 9.50 | (2.60) | 4.00 | 8.75 | 3.13 | 1.50 | (52.23) |
| November..... | 3.25 | 4.00 | 5.25 | 3.00 | 5.50 | 6.00 | 3.50 | 8.25 | 2.00 | 1.25 | 42.00 |
| December..... | 2.50 | 6.80 | 6.50 | 3.70 | 4.70 | 3.50 | 8.37 | 5.37 | 1.75 | 2.12 | 45.31 |
| TOTALS ..... | 38.90 | 48.40 | 63.05 | 48.10 | (57.45) | (42.20) | 45.25 | 64.25 | 39.63 | 35.25 | (48.248) |

C C C

1875 No observations in March, Gauge out of order in Sept^r & Oct^r

New Castleton The Watt figures used

1878 Gauge holds 22.50 ins

# RAINFALL AT Langholm Westwater

70

Lat. ..... Lon. ..... County of Dumfries

..... Rain Gauge, by ..... Observer J. C. Little
W. Elliott

bk - 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter.... | | | | | | | | | 3 | .5 | |
| Height .... | | | | | | | | | 6 | 2. | |
| Altitude .... | | | | | | | | | 500 | 550 | |
| Year .... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January .... | | | | | | | | | | 2·38 | |
| February. .. | | | | | | | | | (700) | 3·75 | |
| March..... | | | | | | | | | 2·25 | 3·50 | |
| April ..... | | | | | | | | | 3·65 | 1·75 | |
| May ..... | | | | | | | | | 4·85 | 3·06 | |
| June ..... | | | | | | | | | 3·65 | 7·25 | |
| July..... | | | | | | | | | 1·56 | 6·15 | |
| August .... | | | | | | | | | 4·95 | 6·56 | |
| September .. | | | | | | | | | 6·20 | 8·05 | |
| October .... | | | | | | | | | 4·12 | 2·75 | |
| November .. | | | | | | | | | 2·85 | 1·60 | |
| December .. | | | | | | | | | 4·10 | 3·12 | |
| TOTALS .. | | | | | | | | | (45·18) | 49·92 | |

June Feb 1878
= Eaglesfield

1879 Shrubs 9ft high 18ft N.

Langholm, church 5 miles E.

# RAINFALL AT Langholme Caulfield

Lat. ..... Lon. ..... County of Dumfries

..... Rain Gauge, by ..... Observer J. C. Little

Ex-5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter.... | | | | | | | | | .3 | . | |
| Height .... | | | | | | | | | 1. | .3 | |
| Altitude .... | | | | | | | | | 650 | | |
| Year .... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January .... | | | | | | | | | 3·50 | 6·30 | |
| February. .. | | | | | | | | | 3·50 | | |
| March..... | | | | | | | | | 2·10 | 2·60 | |
| April ..... | | | | | | | | | 3·00 | 1·30 | |
| May ..... | | | | | | | | | 4·10 | 2·70 | |
| June ..... | | | | | | | | | 3·80 | 7·50 | |
| July..... | | | | | | | | | 1·30 | 5·20 | |
| August .... | | | | | | | | | 4·50 | 7·20 | |
| September .. | | | | | | | | | 5·70 | 6·70 | |
| October .... | | | | | | | | | 4·00 | 2·60 | |
| November .. | | | | | | | | | 2·60 | 1·60 | |
| December .. | | | | | | | | | 2·50 | 4·20 | |
| TOTALS .. | | | | | | | | | 39·80 | 47·90 | |

Plantation 30ft high 400yd E

Langholm church 2 miles E

# RAINFALL AT Langholme

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer J. Little Esq.

Ek-5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .3 | | | | | | | | | | |
| Height ..... | 2 | | | | | | | | | | |
| Altitude ..... | 270. | | | | 270 | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 6.46 | 4.00 | 10.30 | 12.50 | 6.00 | 11.50 | | | | | |
| February..... | 4.50 | 5.50 | 6.90 | .70 | 3.50 | 2.05 | | | | | |
| March ..... | 2.55 | 3.90 | 4.90 | 3.00 | 6.40 | | | | | | |
| April..... | 2.00 | 6.00 | 1.65 | .10 | 3.90 | | | | | | |
| May ..... | 6.30 | 1.20 | 2.90 | 2.50 | 1.90 | | | | | | |
| June..... | 2.30 | 3.15 | 7.30 | 2.30 | 2.10 | | | | | | |
| July ..... | 1.60 | 4.00 | 3.70 | 9.00 | 3.20 | | | | | | |
| August..... | 2.20 | 3.20 | | 8.30 | 11.30 | | | | | | |
| September..... | 4.40 | 2.00 | (18.00) | 5.50 | 7.30 | | | | | | |
| October..... | + 11.00 | 6.30 | | 8.10 | 14.30 | | | | | | |
| November..... | 3.30 | 3.60 | 5.60 | 3.60 | 7.00 | | | | | | |
| December..... | 2.00 | 9.70 | 9.10 | 4.20 | 3.40 | | | | | | |
| TOTALS ..... | 48.61 | 52.55 | (70.55) | 60.00 | 70.30 | | | | | | |

C C (C)

1875 no slip R1

1872 Summary for complete year

# RAINFALL AT Westerkirk Cardesgill

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer J. Little Esq.

Bk - 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | ·10 | | | | | | | | ·6 | | |
| Height ..... | 2 | 2·6 | | | | | | | · | | |
| Altitude ..... | 370· | 309 | 370 ↑ | 307 ↑ | | | | | 341 | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 6·50 | 3·50 | 10·20 | 13·10 | 6·50 | 11·00 | | | | | |
| February..... | 4·30 | 6 50 | 6·30 | 1·00 | 4·20 | 1·70 | | | | | |
| March ..... | 2·20 | 3·70 | 4·60 | 3·00 | 6·00 | 2·20 | | | 2·50 | 5·50 | |
| April..... | 2·10 | 5·40 | 1·60 | ·40 | 4·00 | 1·40 | | | 2·50 | 2·00 | |
| May ..... | 6·00 | 1·30 | 3·00 | 2·10 | 1·70 | 2·10 | | | 5·00 | 2·50 | |
| June..... | 2·20 | 3·20 | 6·60 | 2·00 | 2·00 | 5·20 | | | 3·10 | 4·50 | |
| July ..... | 7·10 | 7·40 | 4·20 | 8·50 | 3·50 | 2·30 | | | 1·40 | 6·10 | |
| August..... | 1·48 | 3·50 | 4·40 | 7·30 | 11·30 | 4·60 | | | 5·00 | | |
| September..... | 5·60 | 2 90 | 6·10 | 5·50 | 6·50 | 5·20 | | | 5·50 | | |
| October..... | 9·50 | 4·80 | 7·60 | 6·70 | 13·00 | 4·50 | | | 5·00 | | |
| November..... | 4·70 | 3·20 | 8·00 | 3·90 | 5·00 | 4·50 | | | 2·50 | | |
| December..... | 2·00 | 6·80 | 7·20 | 4·30 | 3·50 | 5·10 | | | | | |
| TOTALS ..... | 47·68 | 52·20 | 69·80 | 57·80 | 67·20 | 49·80 | | | | | |

C C C

76 NR

1879 Gauge frozen in Janʸ. Febʸ. Novʳ & Decʳ

5 NW Langholm.

70

# RAINFALL AT Westerkirk

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer J. Little Esq.

Oak-5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 3 3 | . | | . | | | | | | | |
| Height ..... | 2 . 6 | . | 6 | | | | | | | | |
| Altitude ..... | 420. | . | | 420 | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5·50 | 4·10 | 10·50 | 13·00 | 5·70 | 6·20 | 2·70 | | | | |
| February..... | 5·00 | 5·70 | 5·70 | ·90 | 3·90 | 1·70 | 6·00 | | | | |
| March..... | 2·60 | 4·10 | 4·60 | 3·30 | 4·40 | 2·30 | 6·20 | | | | |
| April..... | 2·10 | 5·00 | 1·50 | ·40 | 3·80 | 1·10 | 3·30 | | | | |
| May ..... | 5·90 | 1·40 | 2·40 | 2·00 | 1·90 | 2·50 | 4·00 | | | | |
| June..... | 2·20 | 3·20 | 6·60 | 2·30 | 2·40 | 5·10 | | | | | |
| July ..... | ·90 | 6·70 | 3·10 | 8·40 | 3·00 | 2·20 | | | | | |
| August..... | 1·60 | 4·00 | 4·40 | 7·50 | 11·30 | 4·20 | | | | | |
| September..... | 5·40 | 2·30 | 6·00 | 5·20 | 5·70 | 5·10 | | | | | |
| October..... | 9·10 | 4·70 | 6·70 | 7·20 | 12·40 | 4·00 | | | | | |
| November..... | 2·30 | 3·40 | 8·00 | 3·80 | 5·40 | 5·00 | | | | | |
| December..... | 1·70 | 6·20 | 7·20 | 3·50 | 5·30 | 5·30 | | | | | |
| TOTALS ..... | 44·30 | 50·90 | 66·70 | 57·50 | 65·20 | 44·70 | | | | | |

C C C

76 NR

# RAINFALL AT Ewes School

Lat..... Lon..... County of... Dumfries.....

.....Rain Gauge, by..... Observer ... J. Little Esq

Gk-5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .3 | ' | | | | | | | . . | . | |
| Height ..... | 2 . 0 | ' | .6 | | | | | | . | .3 | |
| Altitude ..... | 407 | ' | 407 ft | | | | | | 450 | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5.10 | 3.90 | 9.20 | 11.00 | 5.80 | 4.20 | | | 7.00 | 5.90 | |
| February..... | 4.50 | 5.70 | 5.30 | 1.00 | 3.80 | 2.05 | | | 3.50 | | |
| March ..... | 2.40 | 3.00 | 3.20 | 2.50 | 3.60 | 2.10 | | | 2.10 | 4.20 | |
| April..... | 1.30 | 4.00 | 1.40 | .50 | 3.50 | 1.20 | | | 2.70 | 1.00 | |
| May ..... | 4.90 | .50 | 2.70 | 1.95 | 2.00 | 2.70 | | | 4.80 | 3.40 | |
| June..... | 2.20 | 2.60 | 5.70 | 2.10 | 1.70 | 4.50 | | | 3.40 | 5.50 | |
| July ..... | 1.20 | 6.20 | 3.50 | 7.10 | 3.00 | 3.50 | | | .80 | 5.40 | |
| August..... | 1.80 | 2.10 | 4.80 | 7.50 | 10.40 | 3.50 | | | 4.50 | 6.00 | |
| September..... | 5.15 | 2.50 | 6.30 | 4.70 | 5.70 | 5.60 | | | 7.00 | 8.00 | |
| October..... | 8.40 | 4.60 | 7.40 | 6.80 | 10.80 | 4.00 | | | 4.20 | 3.50 | |
| November..... | 3.00 | 3.20 | 8.25 | 3.60 | 5.50 | — | | | 3.40 | 3.30 | |
| December..... | 2.50 | 5.80 | 8.25 | 3.60 | (4.97) | — | | | 4.30 | 4.00 | |
| TOTALS ..... | 42.45 | 44.10 | 66.00 | 52.95 | (60.77) | | | | 47.70 | 50.20 | |

( ( (

G in an open field

1874 Dec^r Gauge snowed up

Ewes church 1 mile N.

# RAINFALL AT Ewes Burnfoot

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer J. Little Esq.

Gk- 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | | 3 | | | | | | | | |
| Height ..... | | | 6 | | | | | | | | |
| Altitude ..... | | | 480. | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | 10·75 | 12·00 | 5·60 | ~~2·25~~ | | | | | |
| February..... | | | 6·00 | ·75 | 4·25 | 2·25 | | | | | |
| March ..... | | | 4·75 | 2·25 | 4·50 | | | | | | |
| April..... | | | 2·25 | ·50 | 3·50 | ·50 | | | | | |
| May ..... | | | 4·00 | 2·00 | 2·25 | | | | | | |
| June..... | | | 4·50 | 2·25 | 1·25 | | | | | | |
| July ..... | | | 4·75 | 8·50 | 3·25 | | | | | | |
| August..... | | | 3·50 | 6·75 | 9·50 | | | | | | |
| September..... | | | 6·50 | 5·40 | 5·50 | | | | | | |
| October..... | | | 8·25 | 6·60 | 13·00 | | | | | | |
| November..... | | | 8·25 | 4·20 | 5·50 | | | | | | |
| December..... | | | 7·00 | 4·20 | (5·24) | | | | | | |
| TOTALS ..... | | | 70·50 | 55·40 | (63·34) | | | | | | |

1874 Dec. Gauge burst with Frost

1875 no slip

# RAINFALL AT Eskdalemuir

Lat..... Lon..... County of Dumfries

....., Rain Gauge, by..... Observer J. Little Esq.

Ark - 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .3 | . | | | | | | | | | |
| Height ..... | 2 . | . | | 6 | | | | | | | |
| Altitude ..... | 612. | 412 | | 612 | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 7.50 | 5.50 | 12.10 | 12.40 | | | | | | | |
| February..... | 4.60 | 7.10 | 5.90 | 2.10 | | | | | | | |
| March ..... | 2.10 | 4.70 | 5.60 | 3.20 | | | | | | | |
| April..... | 2.00 | 5.30 | 2.70 | .70 | | | | | | | |
| May ..... | 7.20 | 90 | 3.90 | 2.40 | | | | | | | |
| June..... | 2.20 | 1.70 | 6.00 | | | | | | | | |
| July ..... | 2.10 | 5.00 | 4.30 | | | | | | | | |
| August..... | 2.10 | 2.90 | 5.00 | | | | | | | | |
| September..... | 5.70 | 1.40 | 6.00 | | | | | | | | |
| October..... | 7.50 | 5.00 | 25.00 | 3.60 | | | | | | | |
| November..... | 2.00 | 4.00 | | | | | | | | | |
| December..... | 3.10 | 8.90 | | | | | | | | | |
| TOTALS ..... | 48.10 | 52.40 | 76.50 | | | | | | | | |

C C C

Oct - Dec. 1872 Roughly estimated.

# RAINFALL AT Eskdale Pen

Lat..... Lon..... County of Dumfries.....

.....Rain Gauge, by..... Observer W. G. Jenkinson

bk - 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | | | | | | | |
| Height ..... | | | | | | | | | | | |
| Altitude..... | | 700 | | | | | | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | | | | | | | | |
| February..... | | | | | | | | | | | |
| March..... | | | | | | | | | | | |
| April..... | | | | | | | | | | | |
| May ..... | | | | | | | | | | | |
| June..... | | #2·00 | | | | | | | | | |
| July ..... | | 5·50 | | | | | | | | | |
| August..... | | 5·00 | 4·30 | | | | | | | | |
| September..... | | 1·30 | 9·00 # | | | | | | | | |
| October..... | | 4·10 | | | | | | | | | |
| November..... | | 4·00 | | | | | | | | | |
| December..... | | 10·0 | | | | | | | | | |
| TOTALS..... | | | | | | | | | | | |

C

G. moved from Estrick Pen Top G. moved to Upper Cawsock

# RAINFALL AT Upper Cassock

Lat..... Lon..... County of Dumfries.....

.....Rain Gauge, by..... Observer J. C. Little.....

Bk-5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | .3 | | | | | | | |
| Height ..... | | | | .6 | | | | | | | |
| Altitude..... | | | | 980 | | | | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | #1600 | | 12·25 | | | | | |
| February..... | | | | .30 | 4·00 | 2·00 | | | | | |
| March..... | | | | 2·75 | 5·75 | 4·50 | | | | | |
| April..... | | | | ·00 | 3·75 | 2·00 | | | | | |
| May ..... | | | | 2·00 | 1·50 | 2·75 | | | | | |
| June..... | | | | 2·30 | 1·25 | 5·50 | | | | | |
| July ..... | | | | 9·00 | 3·40 | — | | | | | |
| August. ..... | | | | 6·25 | 8·75 | 4·25 | | | | | |
| September..... | | | | 4·60 | 6·50 | 8·25 | | | | | |
| October..... | | | | 9·00 | 15·00 | 4·50 | | | | | |
| November..... | | | | 4·20 | 6·00 | 4·50 | | | | | |
| December..... | | | | | | 8·20 | | | | | |
| TOTALS..... | | | | | | | | | | | |

Gauge from Eskdale Pen.

# RAINFALL AT Eskdalemuir Ettrick Pen Top

Lat..... Lon..... County of Dumfries

.....Rain Gauge, by..... Observer J. Little Esqr.

Esk-5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .3 | | | | | | | | | | |
| Height ..... | 2 | | | | | | | | | | |
| Altitude ..... | 2268. | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 6.10 | 5.50 | | | | | | | | | |
| February..... | 5.00 | 6.10 | | | | | | | | | |
| March ..... | 2.50 | 4.25 | | | | | | | | | |
| April..... | 3.00 | 4.70 | | | | | | | | | |
| May ..... | 8.50 | 1.25 # | | | | | | | | | |
| June..... | 2.60 | | | | | | | | | | |
| July ..... | 1.50 | | | | | | | | | | |
| August..... | 3.30 | | | | | | | | | | |
| September..... | 4.00 | | | | | | | | | | |
| October..... | 7.90 | | | | | | | | | | |
| November..... | 2.10 | | | | | | | | | | |
| December..... | 6.50 | | | | | | | | | | |
| TOTALS ..... | 53.00 | | | | | | | | | | |

C C

Gauge moved to Upper Cassock

# RAINFALL AT Yetholm Mosshaugh

Lat..... Lon..... County of Roxburgh.....

.....Rain Gauge, by..... Observer..... .....

Tweed, lower, R. bank - 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | | | | | | | |
| Height ..... | | | | | | | | | | | |
| Altitude..... | | | | | | | | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | | | | | | | | |
| February..... | | | | | | | | | | | |
| March..... | | | | | | | | | | | |
| April..... | | | 5·41 | | | | | | | | |
| May ..... | | | | | | | | | | | |
| June..... | | | 1·80 | | | | | | | | |
| July ..... | | | 4·40 | | | | | | | | |
| August..... | | | | | | | | | | | |
| September..... | | | | | | | | | | | |
| October..... | | | | | | | | | | | |
| November..... | | | | | | | | | | | |
| December..... | | | | | | | | | | | |
| TOTALS..... | | | | | | | | | | | |

# RAINFALL AT Teviothead Manse

70

Lat. ..... Lon. ..... County of Roxburgh

Rain Gauge, by ..... Observer Revd R. Young

R.S.

Tevist + C - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter .... | | | | | | | .3 | | | . | |
| Height .... | | | | | | | 8·6 | | | 9· | |
| Altitude .... | | | | | | | 600 | | | 550 | |
| Year .... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January .... | | | | | | | | 12·20 | 6·50 | 2·00 | |
| February. .. | | | | | | | | 3·25* | 3·15 | 4·30 | |
| March ..... | | | | | | | | 2·10 | 1·80 | 4·60 | |
| April ..... | | | | | | | | 4·40 | 2·50 | 1·95 | |
| May ..... | | | | | | | | 4·30 | 5·50 | 1·60 | |
| June ..... | | | | | | | | 3·45 | 3·35 | 6·00 | |
| July..... | | | | | | | | 7·80 | ·70 | 5·10 | |
| August .... | | | | | | | | 9·00 | 4·40 | 6·10 | |
| September .. | | | | | | | | 3·70 | 5·65 | 5·40 | |
| October .... | | | | | | | 4·70 | 8·40 | 4·55 | 2·10 | |
| November .. | | | | | | | 4·00 | 9·45 | 3·75 | 2·70 | |
| December .. | | | | | | | 11·20 | 4·15 | 2·20 | 3·85 | |
| TOTALS .. | | | | | | | | 72 20 | 44·05 | 45·70 | |

1877 amount for Febr doubtful see slip

hill

# RAINFALL AT Hawick Wolfelee

Lat. ..... Lon. ..... County of Roxburgh

..... Rain Gauge, by ..... Observer Sir W Elliot, Bt, F.R.S.

Jevist + C - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter .... | 5 | | | | | | | | | | |
| Height ..... | 0.6 | | | | | | | | | | |
| Altitude .... | 601T | | | | | | | 587? | | | |
| Year ..... | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January .... | 2.87 | 1.21 | 3.21 | 6.80 | 6.40 | 3.72 | 3.73 | 3.34 | 1.43 | 1.62 | 3.433 |
| February .... | 4.49 | 3.05 | 4.85 | 4.65 | 4.45 | 5.88 | .85 | 2.29 | 1.95 | 1.98 | 3.444 |
| March ..... | 2.25 | 3.62 | 4.23 | 2.56 | 4.50 | 1.49 | 4.59 | 1.80 | 3.24 | 3.24 | 3.152 |
| April ..... | 3.63 | 1.44 | 3.37 | 1.70 | 2.47 | 3.45 | 2.66 | 1.44 | 2.55 | 2.56 | 2.527 |
| May ..... | 1.66 | 2.50 | 2.19 | 2.53 | 2.60 | 3.12 | 3.99 | .94 | 2.10 | 1.82 | 2.345 |
| June ..... | 1.60 | 2.94 | 4.36 | (4.11) | (.40) | .00 | 1.62 | .40 | 2.75 | .47 | 1.865 |
| July ..... | 4.39 | 2.28 | 4.28 | 5.47 | 6.20 (5.80) | 1.19 | 4.44 | 3.60 | 5.53 | 2.97 | 3.995 |
| August ..... | 1.03 | 6.24 | 2.60 | 3.61 | 1.34 | 3.39 | 1.23 | 2.07 | 2.24 | 3.76 | 2.751 |
| September.... | 4.29 | 3.25 | 2.80 | 5.26 | 4.32 | 4.31 | 4.45 | 4.53 | .87 | 1.72 | 3.580 |
| October..... | 3.96 | 3.39 | 2.87 | 5.88 | 1.51 | 3.83 | 6.08 | 1.44 | 4.64 | 6.63 | 4.023 |
| November.... | 5.13 | 8.61 | 4.62 | 4.48 | 3.65 | 2.52 | 4.94 | 4.50 | 6.57 | 1.03 | 4.605 |
| December.... | 3.03 | 4.62 | 6.18 | 2.00 | 6.05 | 2.60 | 3.79 | 3.56 | 4.50 | 3.24 | 3.957 |
| TOTALS .... | 38.33 | 43.15 | 45.56 | (49.05) | 43.49 | 35.50 ? | 42.37 | 29.91 | 38.37 | 31.04 | 39.677 ? |

1880. Hobkirk 1¼ miles N.W.

House 60ft high 150ft NW

Trees 20ft " 284 6in. NE

Wolfelee is on a spur of the Cheviot range at the base of a hill

YES & Hawick

70

# RAINFALL AT Hobkirk Rolfles

Lat..... Lon..... County of... Roxburghshire.

.....Rain Gauge, by..... Observer ... Jn Elliot

Levis RC-3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | — | — | | | | | 5 | | | | |
| Height ..... | — | — | | | | | 3 | | | | |
| Altitude ..... | — | — | | 604 | | | 608 | | | 601 | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 4.42 | 3.26 | 6.43 | 8.15 | 4.39 | 6.82 | 3.38 | 8.16 | 4.18 | 1.35 | 5.054 |
| February..... | 3.72 | 3.63 | 4.23 | 1.74 | 3.06 | 1.21 | 4.89 | 2.09 | 1.96 | 4.02 | 3.033 |
| March ..... | 1.50 | 3.34 | 4.18 | 2.30 | 2.53 | 2.15 | 4.38 | 2.07 | 1.56 | 4.63 | 2.864 |
| April..... | 1.00 | 4.56 | 3.08 | .43 | 4.83 | 1.00 | 3.23 | 3.72 | 1.87 | 1.87 | 2.539 |
| May ..... | 4.20 | 1.20 | 3.90 | 2.09 | 2.22 | 2.01 | 1.16 | 3.33 | 3.54 | 1.50 | 2.515 |
| June..... | 2.56 | 3.54 | 3.36 | 2.06 | 1.12 | 2.49 | 3.33 | 2.68 | 3.93 | 5.04 | 3.011 |
| July ..... | .60 | 4.55 | 4.79 | 3.66 | 2.85 | 2.61 | 1.37 | 3.24 | 1.09 | 5.14 | 2.990 |
| August..... | 3.20 | 2.10 | 3.61 | 4.84 | 4.85 | 2.78 | 3.81 | 8.10 | 3.82 | 3.79 | 4.090 |
| September..... | .55 | 2.32 | 4.04 | 2.68 | 4.32 | 3.71 | 3.84 | 3.45 | 4.05 | 3.02 | 3.198 |
| October..... | 5.95 | 1.62 | 6.58 | 4.70 | 8.95 | 2.91 | 3.07 | 5.69 | 3.37 | 1.25 | 4.409 |
| November..... | 2.60 | 2.61 | 6.98 | 4.12 | 3.97 | 4.42 | 3.75 | 6.19 | 5.05 | 2.16 | 4.185 |
| December..... | 3.20 | 4.57 | 5.86 | 2.52 | 3.31 | 2.75 | 6.79 | 2.52 | 2.41 | 4.81 | 3.874 |
| TOTALS ..... | 33.50 | 37.30 | 57.04 | 39.29 | 46.40 | 34.86 | 43.00 | 51.24 | 36.83 | 38.58 | 41.804 |

1877 Feby wrongly printed in R.G.R as 1.23 in

Hobkirk church 1½ mile N.W.

# RAINFALL AT Hawick Branxholm

70

*Lat.* ..... *Lon.* ..... *County of* Roxburgh

..... *Rain Gauge, by* ..... *Observer* .....

Jewitt & C - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter .... | | | | | | | | | | ·5 | |
| Height .... | | | | | | | | | 2 | ·2 | |
| Altitude .... | | | | | | | | | 451 | · | |
| Year .... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January .... | | | | | | | | | 2·10 | 1·05 | |
| February .... | | | | | | | | | 1·66 | 2·18 | |
| March ..... | | | | | | | | | 1·20 | 2·90 | |
| April ..... | | | | | | | | | 1·35 | 1·50 | |
| May ..... | | | | | | | | | 3·90 | 1·62 | |
| June ..... | | | | | | | | | 1·00 | 3·45 | |
| July ..... | | | | | | | | | ·68 | 4·26 | |
| August .... | | | | | | | | | 3·80 | 3·28 | |
| September .. | | | | | | | | | 2·64 | 2·52 | |
| October .... | | | | | | | | | 3·16 | 1·85 | |
| November .. | | | | | | | | | 3·67 | 1·98 | |
| December .. | | | | | | | | | 2·83 | 2·44 | |
| TOTALS .. | | | | | | | | | 27·99 | 29·03 | |

# RAINFALL AT Hobkirk Langrau

Lat..... Lon..... County of Roxburgshire

.....Rain Gauge, by..... Observer Mr. W. Oliver

Yeoit tc - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 5 | . | | | | | | | | | |
| Height ..... | 6 | . | | | | | | | | | |
| Altitude ..... | 570 | . | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 3.44 | 2.22 | 4.34 | | | | | | | | |
| February..... | 3.85 | 2.20 | 3.15 | | | | | | | | |
| March ..... | 1.15 | 2.57 | 3.32 | | | | | | | | |
| April..... | 1.10 | 3.84 | 2.84 | | | | | | | | |
| May ..... | 2.92 | 1.26 | 3.88 | | | | | | | | |
| June..... | 1.96 | 3.03 | 3.25 | | | | | | | | |
| July ..... | 1.64 | 3.93 | 4.15 | | | | | | | | |
| August..... | 1.83 | 2.40 | 3.68 | | | | | | | | |
| September..... | 2.80 | 2.00 | 4.03 | | | | | | | | |
| October..... | 6.45 | 2.00 | 5.06 | | | | | | | | |
| November..... | 2.65 | 3.15 | 6.25 | | | | | | | | |
| December..... | 2.70 | 3.55 | 5.45 | | | | | | | | |
| TOTALS ..... | 32.49 | 32.15 | 49.40 | | | | | | | | |

28 NJ

70

# RAINFALL AT Hawick Goldielands

Lat..... Lon..... County of Roxburghshire

.....Rain Gauge, by..... Observer Dr Elliot

Jewitt & C - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter | -- | | | | | | 3 . | 3·60 | . | | |
| Height | ·8 | . | | | | | . | . | 1·56 | . | |
| Altitude | 505. | . | 500 | | 500 | 5·30 | . | . | . | . | |
| YEAR | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January | 3·50 | 3·70 | 6·10 | 7·62 | 3·00 | 5·60 | 1·45 | 8·88 | 3·60 | ·87 | 4·432 |
| February | 2·50 | 4.80 | 4·00 | 1·35 | 2·20 | 1·20 | 4·70 | 2·48 | 1·56 | 2·48 | 2·727 |
| March | ·90 | 2.90 | 2·50 | 1·65 | (2·09) | 1·10 | 4·14 | 1·70 | ·65 | 2·90 | 2·044 |
| April | ·80 | 4.00 | 2·40 | ·33 | 2·52 | ·92 | 3·94 | 3·92 | 1·65 | 1·42 | 2·190 |
| May | 2·60 | .60 | 3·30 | 1·76 | 1·46 | 1·35 | 1·03 | 3·10 | 3·63 | 1·63 | 2·046 |
| June | 1·30 | 3·10 | 2·60 | 1·31 | ·56 | 2·60 | 3·15 | 1·82 | 2·70 | 5·00 | 2·414 |
| July | 2·50 | 4.00 | 4·80 | 4·67 | 1·77 | 2·83 | 1·23 | 5·02 | ·60 | 4·69 | 3·211 |
| August | ·90 | 1.70 | 4·10 | 4·30 | (3·37) | 2·77 | 4·86 | 9·30 | 4·62 | 3·24 | 3·916 |
| September | 2·20 | 1.90 | 3·70 | 2·53 | (2·88) | 4·15 | 2·16 | 2·42 | 3·32 | 2·73 | 2·799 |
| October | 4·60 | 3.20 | 5·10 | 4·54 | 7·32 | 2·95 | 3·25 | 5·02 | 2·63 | 1·18 | 3·949 |
| November | 1·30 | 2·20 | 5·50 | 2·56 | 4·70 | 4·40 | 3·22 | 5·32 | 3·82 | 1·96 | 3·498 |
| December | 1·70 | 3·50 | 4·70 | 1·35 | (4·10) | 3·48 | 8·14 | 2·10 | 1·85 | 2·36 | 3·328 |
| TOTALS | 24·80 | 35·60 | 48·80 | 33·97 | 35·88 | 33·35 | 41·27 | 51·08 | 30·63 | 30·46 | 36·584 |

1870 Has been the driest season by far since the record of the Rainfall for this upper district of Teviotdale has been kept

1874 "The amounts in brackets cannot be warranted exactly"

1879 Sun dial 3ft 6 high & 7ft S.W.

Hawick 2 miles N.E.

6 miles by S
Watershed

70

# RAINFALL AT ~~Hawick~~ Borthwickbrae [Hawick]

Lat..... Lon..... County of ~~Selkirk~~ Roxburgh

.....Rain Gauge, by..... Observer A. E. Lockhart Esq.

Levist RC – 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .8 | . | | | | | . | . | | . | |
| Height ..... | .2 | . | | | | | . | . | | . | |
| Altitude ..... | 800. | . | | | | | . | . | | . | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 3.40 | 3.10 | 9.10 | 8.20 | 4.00 | 7.60 | 4.50 | 8.60 | 6.00 | 1.40 | 5.5790 |
| February..... | 3.50 | 3.90 | 3.60 | 1.90 | 2.40 | 1.50 | 4.30 | 3.70 | 2.10 | 3.50 | 3.0440 |
| March..... | 1.20 | 2.50 | 3.70 | 2.00 | 3.30 | 1.90 | 5.70 | 2.50 | 1.10 | 3.00 | 2.6990 |
| April..... | 1.30 | 4.90 | 3.30 | .90 | 2.50 | 1.10 | 4.70 | 3.70 | 2.70 | 1.80 | 2.6990 |
| May ..... | 3.20 | .70 | 4.00 | 1.90 | 1.60 | 1.80 | 1.00 | 3.20 | 4.80 | 1.90 | 2.410 |
| June..... | 1.70 | 2.90 | 4.30 | 1.50 | 1.80 | 2.70 | 2.90 | 2.00 | 2.90 | 2.90 | 2.560 |
| July ..... | 2.00 | 3.90 | 3.80 | 5.10 | 2.40 | 3.20 | 1.70 | 4.20 | .68 | 4.80 | 3.178 |
| August..... | 1.30 | 2.30 | 3.90 | 3.40 | 7.20 | 2.20 | 5.00 | 7.70 | 5.70 | 5.70 | 4.440 |
| September..... | 3.40 | 2.50 | 5.30 | 3.30 | 4.00 | 5.90 | 3.10 | 3.40 | 4.00 | 3.10 | 3.800 |
| October..... | 5.20 | 3.00 | 6.00 | 6.20 | 8.90 | 3.40 | 4.20 | 5.50 | 2.00 | 1.90 | 4.630 |
| November..... | 1.50 | 2.50 | 6.40 | 3.70 | 5.40 | 4.60 | 3.80 | 6.30 | 4.30 | 1.90 | 4.040 |
| December..... | 1.70 | 5.60 | 6.60 | 2.80 | 4.10 | 5.00 | 8.20 | 3.30 | 4.00 | 3.30 | 4.460 |
| TOTALS ..... | 29.40 | 37.80 | 60.00 | 40.90 | 47.60 | 40.90 | 49.10 | 54.10 | 40.28 | 35.20 | 43.328 |

C C C

3 E. Hawick

70

# RAINFALL AT Hawick Kirkton

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer W. J. Welsh

Jewitt RC-3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | — | | | | | | 3 | | | | |
| Height ..... | 1 | | | | | | 6 | | | | |
| Altitude ..... | — | 759 | | | 759 | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·70 | 2.70 | 5·30 | 6·60 | 2·20 | 5·90 | 1·10 | 7·70 | 4·20 | 2·20 | 4·060 |
| February..... | 3·10 | 2.00 | 3·40 | 2·20 | 2·80 | 1·60 | 3·60 | 2·40 | 1·10 | 3·40 | 2·560 |
| March ..... | 80 | 1.90 | 3·40 | 1·50 | 1·30 | 1·40 | 3·70 | 1·70 | ·90 | 3·70 | 2·030 |
| April..... | ·60 | 3.30 | 3·20 | ·20 | 2·20 | ·80 | 3·90 | 3·90 | 2·20 | 1·90 | 2·220 |
| May ..... | 1·30 | .70 | 3·90 | 2·00 | 2·00 | 1·20 | 2·20 | 3·10 | 3·30 | 1·30 | 2·100 |
| June..... | 2·10 | 3.50 | 3·20 | 1·90 | ·80 | 2·50 | 2·90 | 2·20 | 3·30 | 4·70 | 2·710 |
| July ..... | 2·00 | 4.30 | 5·00 | 4·40 | 2·50 | 2·50 | 1·40 | 5·60 | ·90 | 6·00 | 3·460 |
| August..... | 1·70 | 1.70 | 3·80 | 5·10 | 5·60 | 3·00 | 4·30 | 10·00 | 4·00 | 3·80 | 4·380 |
| September..... | 1·40 | 2.10 | 4·50 | 2·50 | 3·70 | 4·10 | 3·60 | 2·40 | 3·00 | 2·10 | 2·940 |
| October..... | 5·00 | 2.00 | 6·10 | 4·10 | 5·80 | 2·50 | 2·90 | 4·40 | 2·90 | 1·10 | 3·680 |
| November..... | 1·90 | 3.20 | 6·50 | 3·60 | 4·20 | 4·70 | 4·40 | 5·20 | 4·00 | 2·50 | 4·020 |
| December..... | 2·70 | 3.60 | 4·50 | 1·50 | 4·50 | 3·00 | 7·40 | 1·40 | 3·60 | 2·50 | 3·470 |
| TOTALS ..... | 25·30 | 31.00 | 52·80 | 35·60 | 37·60 | 33·20 | 41·40 | 50·00 | 33·40 | 35·20 | 37·330 |

Kirkton church 1¼ mile N.W. by N.

# RAINFALL AT Hawick Lynwood

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer Mr. Mason

Jewitt rc - 3. Dr. Elliott

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | - | | | | | | | | | | |
| Height ..... | 6 | | | | | | | | | | |
| Altitude ..... | 387. | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 3.30 | 2.20 | 6.10 | | | | | | | | |
| February..... | 3.40 | 2.30 | 4.30 | | | | | | | | |
| March ..... | 1.80 | 2.20 | 2.80 | | | | | | | | |
| April..... | 1.00 | 3.40 | 3.00 | | | | | | | | |
| May ..... | 2.30 | .70 | 3.40 | | | | | | | | |
| June..... | 1.60 | 2.70 | 2.80 | | | | | | | | |
| July ..... | 2.00 | 4.20 | 5.50 | | | | | | | | |
| August..... | 1.20 | 1.30 | 4.50 | | | | | | | | |
| September..... | 2.10 | 1.90 | 4.00 | | | | | | | | |
| October..... | 4.40 | 2.40 | 5.00 | | | | | | | | |
| November..... | 1.80 | 2.20 | 5.30 | | | | | | | | |
| December..... | 1.60 | 3.20 | 4.50 # | | | | | | | | |
| TOTALS ..... | 25.50 | 28.70 | 51.20 | | | | | | | | |

C C C

# RAINFALL AT Hawick Heron Hill

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer G. Wilson Esq

Jevist tc - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | — | | | | | | | | | | |
| Height ..... | 1 | | | | | | | | | | |
| Altitude ..... | 400. | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·63 | | | | | | | | | | |
| February..... | 2·38 | | | | | | | | | | |
| March ..... | ·73 | | | | | | | | | | |
| April..... | ·91 | | | | | | | | | | |
| May ..... | 1·80 | | | | | | | | | | |
| June..... | 1·34 | | | | | | | | | | |
| July ..... | 1·95 | | | | | | | | | | |
| August..... | 1·48 | | | | | | | | | | |
| September..... | 1·75 | | | | | | | | | | |
| October..... | 3·35 | | | | | | | | | | |
| November..... | 1·35 | | | | | | | | | | |
| December..... | 1·05 | | | | | | | | | | |
| TOTALS ..... | 20·72 | | | | | | | | | | |

# RAINFALL AT Hawick Silverbutt Hall

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer W. D Elder

Twist rc-3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 5 | | | | | | | | | | |
| Height ..... | 4 | | | | | | | 4·6 | 4· | | |
| Altitude ..... | 512· | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·58 | 1·81 | 3·97 | 5·62 | 2·11 | 4·09 | 1·20 | 6·43 | 3·55 | ·89 | 3·225 |
| February..... | 2·38 | 1·91 | 3·32 | 1·18 | 2·16 | 1·07 | 4·74 | 2·55 | 1·40 | 2·19 | 2·290 |
| March..... | 1·03 | 2·00 | 2·56 | 1·61 | 1·88 | 1·21 | 3·82 | 1·98 | ·82 | 2·65 | 1·956 |
| April..... | ·96 | 4·08 | 3·03 | ·60 | 1·95 | ·97 | 3·62 | 3·39 | 1·90 | 1·61 | 2·211 |
| May ..... | 1·93 | 7·06 | 3·66 | 1·91 | 1·72 | 1·36 | 1·11 | 2·66 | 3·91 | 2·05 | 2·137 |
| June..... | 1·86 | 2·87 | 2·78 | 1·52 | ·78 | 2·76 | 2·99 | 2·17 | 3·68 | 3·74 | 2·515 |
| July ..... | 2·04 | 3·02 | 5·62 | 4·06 | 2·20 | 2·54 | 1·29 | 4·70 | ·84 | 4·89 | 3·120 |
| August..... | 1·54 | 2·10 | 4·22 | 4·09 | 5·03 | 2·38 | 4·34 | 7·56 | 4·16 | 3·58 | 3·900 |
| September..... | 1·97 | 1·95 | 3·84 | 2·56 | 3·33 | 3·48 | 2·55 | 1·67 | 2·90 | 2·15 | 2·640 |
| October..... | 3·35 | 2·45 | 3·86 | 3·91 | 4·83 | 2·54 | 2·66 | 4·68 | 2·32 | 1·06 | 3·166 |
| November..... | 1·71 | 2·09 | 4·92 | 2·37 | 4·65 | 3·71 | 2·80 | 3·69 | 4·15 | 1·98 | 3·207 |
| December..... | 1·64 | 3·16 | 4·29 | 1·48 | 2·81 | 2·64 | 6·70 | 1·85 | 2·27 | 1·75 | 2·859 |
| TOTALS ..... | 22·99 | 28·50 | 46·07 | 30·91 | 33·45 | 28·75 | 37·82 | 43·33 | 31·90 | 28·54 | 33·226 |

C C C

# RAINFALL AT Jedburgh Sunnyside

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer G. Hilson Jun. Esq.

Jewitt C-3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 5 | . | | | | | . | . | . | | |
| Height ..... | 10 | . | | | 7 | | 10 | 6. | . | | |
| Altitude ..... | 360 | . | | | | | . | 350 | . | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 1·60 | 1·16 | 2·69 | 3·30 | 1·17 | 2·54 | ·64 | 4·16 | 2·54 | ·81 | 2·081 |
| February..... | 1·23 | 1·10 | 2·56 | 1·31 | 2·08 | ·74 | 3·68 | 1·76 | ·84 | 2·29 | 1·769 |
| March ..... | ·85 | 1·43 | 2·71 | 1·54 | 1·20 | ·88 | 2·42 | 2·12 | ·87 | 1·65 | 1·567 |
| April..... | ·51 | 3·78 | 2·56 | ·36 | 1·56 | 1·06 | 1·70 | 2·79 | 1·36 | 1·31 | 1·699 |
| May ..... | ·95 | 1·21 | 3·71 | 1·58 | 1·69 | 1·36 | ·69 | 2·16 | 2·41 | 2·11 | 1·784 |
| June..... | 1·37 | 3·87 | 2·04 | 1·29 | 1·30 | 2·19 | 3·37 | 2·12 | 2·52 | 4·01 | 2·402 |
| July ..... | 1·67 | 3·26 | 4·27 | 3·54 | 3·04 | 3·13 | 1·19 | 3·26 | 1·07 | 4·87 | 2·930 |
| August..... | 1·43 | 1·69 | 2·97 | 3·98 | 3·64 | 2·19 | 3·14 | 7·72 | 3·51 | 3·43 | 3·370 |
| September..... | 1·14 | 2.43 | 4·91 | 2.46 | 3·10 | 2·64 | 3·65 | 1·64 | 2·53 | 1·44 | 2·594 |
| October..... | 2·87 | 1.93 | 4·36 | 3.25 | 3·29 | 2·15 | 2·06 | 3·72 | 1·99 | 1·03 | 2·665 |
| November..... | 1·67 | 2. 62 | 4·04 | 2·28 | 3·91 | 3·95 | 2·67 | 2·89 | 4·07 | 2·05 | 3·015 |
| December..... | 1·65 | 2·50 | 3·43 | 1·22 | 3·54 | 1·65 | 6·31 | ·95 | 1·94 | 1·36 | 2·453 |
| TOTALS ..... | 16·94 | 26.98 | 40·25 | 26·25 | 29·52 | 24·48 | 31·52 | 35·29 | 25·65 | 26·36 | 28·324 |

1877 a row of dwarf apple trees about 3ft 6in high & 5ft 6in distant

1879 dwarf fruit trees 4ft high 3ft W.

Jedburgh church ½ mile S.

On list 70

# RAINFALL AT Jedburgh Timpendean

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer... J. E. Boag Esq

Levist RC-3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | | | | | | | |
| Height ..... | | | | | | | | | | | |
| Altitude..... | | | | | | | | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | | 1·10 | 3·00 | | | | | |
| February..... | | | | | 1·90 | 1·10 | | | | | |
| March..... | | | | | 1·30 | 2·00 | | | | | |
| April..... | | | | | 1·30 | ·90 | | | | | |
| May ..... | | | | | 1·10 | ·80 | | | | | |
| June..... | | | | | 1·40 | 2·00 | | | | | |
| July ..... | | | | | 2·90 | 3·00 | | | | | |
| August..... | | | | | 4·70 | 2·20 | | | | | |
| September..... | | | | | 3·90 | 2·30 | | | | | |
| October..... | | | | | 3·30 | 2·10 | | | | | |
| November..... | | | | | 4·40 | 3·40 | | | | | |
| December..... | | | | | 2·60 | 3·30 | | | | | |
| TOTALS..... | | | | | 29·90 | 26·10 | | | | | |

176 NR

# RAINFALL AT Jedburgh, Mount Teviot

Lat. ..... Lon. ..... County of Roxburgh

Rain Gauge, by ..... Observer J. Page.

Teviot C - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter. . . . . | | | | | | | | | | | |
| Height. . . . . | | | | | | | | | | | |
| Altitude. . . . . | | | | | | | | | | 273 | |
| Year . . . . . | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January. . . . . | | | | | | | | | | | |
| February. . . . . | | | | | | | | | | | |
| March . . . . . | | | | | | | | | | | |
| April . . . . . | | | | | | | | | | | |
| May. . . . . | | | | | | | | | | | |
| June . . . . . | | | | | | | | | | | |
| July. . . . . | | | | | | | | | | | |
| August . . . . . | | | | | | | | | | | |
| September. . . . | | | | | | | | | | | |
| October. . . . . | | | | | | | | | | | |
| November. . . . | | | | | | | | | | | |
| December . . . . | | | | | | | | | | | |
| TOTALS . . . . | | | | | | | | | | 27.96 | |

'79 from Hon. Sec. Report

18

70

# RAINFALL AT St Boswells Elliston

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer G. Dalrymple

Yeoit rc-3.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | | | | 6 | | | | | | | |
| Height ..... | | | | | 1 – | | | | | | | |
| Altitude ..... | | | 360 | | 350 | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. | 75-9 |
| January..... | 2·20 | 1·08 | 2·88 | 4·49 | 1·58 | 3·73 | ·78 | 5·33 | 2·79 | 1·33 | 2·619 | 13·96 |
| February..... | 2·44 | 3·45 | 3·82 | 1·51 | 2·01 | 1·24 | 3·98 | 2·29 | 1·36 | 2·45 | 2·455 | 11·32 |
| March..... | ·89 | 1·85 | 3·28 | 1·64 | 1·54 | 1·25 | 3·09 | 2·15 | 1·05 | 2·33 | 1·907 | 9·87 |
| April..... | ·32 | 3·71 | 1·58 | ·48 | 1·74 | ·72 | 2·61 | 3·38 | 1·83 | 1·89 | 1·826 | 10·43 |
| May ..... | 1·69 | ·82 | 3·47 | 2·18 | 1·49 | 1·42 | ·99 | 2·30 | 3·70 | 1·62 | 1·968 | 10·03 |
| June..... | 1·60 | 3·69 | 2·95 | 1·22 | 1·03 | 2·61 | 2·71 | 2·73 | 2·40 | 4·58 | 2·552 | 15·03 |
| July ..... | 1·08 | 3·08 | 4·94 | 3·73 | 2·69 | 3·93 | 1·53 | 4·51 | ·95 | 3·89 | 3·033 | 14·81 |
| August..... | 1·33 | 1·63 | 5·41 | 3·89 | 5·32 | 2·26 | 3·76 | 6·97 | 4·40 | 3·13 | 3·810 | 20·52 |
| September..... | 2·11 | 2·23 | 4·59 | 3·25 | 2·32 | 3·20 | 3·04 | 2·22 | 2·90 | 1·83 | 2·769 | 13·19 |
| October..... | 3·28 | 2·45 | 3·90 | 3·57 | 3·91 | 3·05 | 2·59 | 4·01 | 2·03 | 1·19 | 2·998 | 12·87 |
| November..... | 1·29 | 1·61 | 3·93 | 2·33 | 3·87 | 4·04 | 3·18 | 3·51 | 3·90 | 1·74 | 2·940 | 16·37 |
| December..... | 2·77 | 2·40 | 3·81 | 1·53 | 3·25 | 2·54 | 7·64 | 1·44 | 2·62 | 1·86 | 2·986 | 16·10 |
| TOTALS ..... | (21·00) | (28·00) | 42·56 | 29·82 | 30·75 | 29·99 | 35·90 | 40·84 | 29·93 | 27·84 | (31·863) | 164·50 |

1870 & 1871 estimated from Melrose, Dingleton Mains
Selkirk Bowhill & Galashiels.
months proportioned by Dingleton Mains.

# RAINFALL AT Kelso Springwood Park

Lat..... Lon..... County of Roxburgh.....

.....Rain Gauge, by..... Observer Sir G. Douglas Bt

Jewitt & Co - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .10 | | | | | | | | | | |
| Height ..... | 1 | | | | | | | | | | |
| Altitude ..... | 130 | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 1.50 | .97 | 2.44 | 2.62 | 1.06 | 2.37 | .61 | 3.97 | 2.80 | 1.18 | 1.952 |
| February..... | 2.75 | 1.60 | 2.23 | 1.39 | 1.80 | 1.10 | 3.34 | 1.64 | 1.00 | 1.96 | 1.881 |
| March ..... | .93 | 1.11 | 2.75 | 1.29 | .90 | 1.03 | 2.60 | 3.10 | .74 | 1.77 | 1.622 |
| April..... | .33 | 3.50 | 2.82 | .27 | 1.43 | .80 | 3.33 | 2.70 | 1.50 | 1.87 | 1.853 |
| May ..... | 87 | .60 | 2.84 | 1.37 | 1.91 | 1.04 | .90 | 2.84 | 2.10 | 1.78 | 1.625 |
| June..... | 1.95 | 2.70 | 2.12 | 1.00 | 1.78 | 2.50 | 3.30 | 1.96 | 2.32 | 3.90 | 2.353 |
| July..... | 91 | 3.19 | 3.34 | 2.66 | 3.08 | 3.10 | 1.72 | 4.00 | .70 | 4.28 | 2.698 |
| August..... | 1.85 | 1.49 | 3.22 | 2.77 | 5.10 | 1.54 | 3.10 | 5.78 | 5.15 | 2.60 | 3.260 |
| September..... | 1.31 | 2.69 | 4.20 | 2.68 | 2.21 | 2.68 | 3.30 | 1.45 | 2.55 | 1.15 | 2.422 |
| October..... | 2.81 | 2.27 | 4.12 | 3.10 | 2.80 | 2.18 | 2.01 | 3.28 | 1.81 | .78 | 2.516 |
| November..... | 1.46 | 2.30 | 3.48 | 2.05 | 4.29 | 3.91 | 2.90 | 2.33 | 4.20 | 2.35 | 2.927 |
| December..... | 2.60 | 3.05 | 3.44 | 1.05 | 2.96 | 1.90 | 8.40 | .96 | 2.25 | 1.30 | 2.791 |
| TOTALS ..... | 19.27 | 25.47 | 37.00 | 22.25 | 29.32 | 24.15 | 35.51 | 34.01 | 27.12 | 24.92 | 27.902 |

# RAINFALL AT Melrose Dingleton Mains

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer Robt Paulin Esqr

Ellrick TC – 4.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .5 | . | | | | | . | | . | . | |
| Height ..... | 4 . | 5 . | | | | | . | . | . | . | |
| Altitude ..... | 400? | 650. | 500? | | | | . | . | . | . | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·30 | 1·27 | 4·38 | 4·48 | 2·13 | 3·81 | 1·32 | 6·99 | 3·40 | 2·21 | 3·229 |
| February..... | 2·56 | 4.06 | 3·95 | 1·41 | 1·95 | 1·20 | 5·33 | 3·31 | 1·77 | 4·24 | 2·978 |
| March ..... | ·93 | 2·18 | 3·94 | 1·75 | 1·76 | 1·10 | 3·76 | 2·32 | 1·17 | 2·45 | 2·136 |
| April..... | .34 | 4.37 | 2·64 | ·63 | 1·67 | ·75 | 3·48 | 4·11 | 2·22 | 3·07 | 2·328 |
| May ..... | 1·77 | .96 | 3·03 | 2·08 | 1·51 | 2·14 | 1·00 | 2·84 | 4·11 | 1·83 | 2·127 |
| June..... | 1·68 | 4.34 | 3·29 | ·83 | 1·22 | 3·08 | 3·65 | 2·58 | 2·21 | 5·63 | 2·851 |
| July ..... | 1·13 | 3·62 | 4·46 | 3·05 | 2·72 | 2·76 | 1·42 | 5·14 | ·92 | 3·21 | 2·843 |
| August..... | 1·39 | 1·92 | 6·33 | 4·11 | 5·28 | 2·39 | 4·23 | 6·92 | 4·46 | 3·84 | 4·084 |
| September..... | 2·21 | 2·63 | 3·38 | 1·94 | 2·10 | 3·55 | 3·83 | 2·79 | 3·72 | 1·98 | 2·813 |
| October..... | 3·43 | 2·88 | 4·06 | 4·59 | 3·94 | 2·78 | 3·16 | 3·95 | 1·92 | 1·38 | 3·209 |
| November..... | 1·35 | 1·90 | 3·97 | 2·52 | 4·13 | 4·21 | 3·58 | 3·93 | 4·67 | 1·84 | 3·210 |
| December..... | 2·90 | 2·83 | 3·22 | 1·48 | 3·56 | 2·68 | 7·66 | 1·78 | 4·42 | 2·35 | 3·288 |
| TOTALS ..... | 21.99 | 32.96 | 46.65 | 28·87 | 31·97 | 30·45 | 42·42 | 46·66 | 34·99 | 34·03 | 33·099 |

C C C

1879 House & Trees 20ft high 20yds N.E.

Melrose church 1 mile N.

# RAINFALL AT Melrose Abbey Gate

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer W. A. Dodds

Ellrick TC-4.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | | 5 | | | | | . | . | . | |
| Height ..... | | | 6 | | | | | . | . | . | |
| Altitude ..... | | 280 | 280 | | 280 ↑ | | | . | . | . | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | 4·17 | 4·81 | 1·76 | 3·76 | ·86 | 6·99 | 3·16 | 1·50 | |
| February..... | | | 4·19 | 1·73 | 1·94 | 1·49 | 4·60 | 2·89 | 1·50 | 2·76 | |
| March..... | | | 4·26 | 1·85 | 1·33 | 1·33 | 3·81 | 2·82 | 1·00 | 2·40 | |
| April..... | | | 3·40 | ·76 | 1·81 | ·72 | 3·42 | 3·75 | 2·09 | 2·99 | |
| May ..... | | # | 3·76 | 2·14 | 1·62 | 1·55 | ·96 | 2·12 | 4·66 | 1·75 | |
| June..... | | 4·81 | 3·70 | ·95 | 1·26 | 3·25 | 3·16 | 2·59 | 2·25 | 4·89 | |
| July ..... | | 3·94 | 5·15 | 3·99 | 2·70 | 3·15 | 2·20 | 4·74 | 1·03 | 4·32 | |
| August..... | | 2·38 | 9·20 | 4·31 | 5·24 | 2·19 | 4·02 | 6·76 | 4·63 | 3·63 | |
| September..... | | 2·84 | 5·64 | 2·60 | 2·37 | 3·30 | 3·53 | 2·41 | 3·31 | 1·37 | |
| October..... | | 2·97 | 5·56 | 4·05 | 4·17 | 3·26 | 2·75 | 3·70 | 1·86 | 1·89 | |
| November..... | | 2·59 | 5·45 | 2·41 | 4·30 | 4·35 | 3·62 | 3·56 | 4·87 | 2·46 | |
| December..... | | 3·30 | 4·43 | 1·56 | 3·69 | 2·07 | 8·83 | 1·77 | 3·03 | 2·35 | |
| TOTALS ..... | | | 58·91 | 31·16 | 32·19 | 30·42 | 41·76 | 44·10 | 33·39 | 32·31 | |

1877 A wall on the N 6ft high & 14ft distant N

Melrose church 600yds N.W.

# RAINFALL AT Hoopdaw [Galashiels]

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer J. Murray Esq.

Lender rc-6.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 5 | . | | | | | . | . | . | . | |
| Height ..... | 9 | . | | | | 1 . | . | . | . | . | |
| Altitude ..... | 880 ft | . | | | | | . | . | . | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·01 | 1.48 | 3·98 | 3·67 | 1·93 | 3·83 | 1·01 | 6·37 | 3·36 | 1·34 | 2·898 |
| February..... | 2·58 | 3.44 | 3·61 | 1·78 | 1·39 | 1·12 | 3·69 | 2·74 | 1·54 | 3·39 | 2·528 |
| March ..... | 1·05 | 1.75 | 2·96 | 2·05 | 1·59 | 1·24 | 4·55 | 2·64 | 1·17 | 2·08 | 2·108 |
| April..... | ·53 | 3.94 | 2·93 | ·87 | 1·36 | ·73 | 4·36 | 3·57 | 2·49 | 2·71 | 2·349 |
| May ..... | 2·02 | ·97 | 3·05 | 2·33 | 1·23 | 1·54 | ·77 | 2·08 | 4·31 | 1·89 | 2·019 |
| June..... | 2·41 | 3·21 | 3·08 | 1·35 | 1·74 | 3·02 | 3·13 | 2·02 | 2·33 | 4·82 | 2·711 |
| July ..... | 97 | 3.30 | 3·82 | 4·45 | 2·29 | 2·80 | 1·34 | 4·80 | 1·59 | 3·61 | 2·894 |
| August..... | 1·82 | 1·78 | 3·99 | 4·17 | 4·81 | 1·25 | 4·52 | 7·16 | 4·24 | 3·75 | 3·749 |
| September..... | 2·14 | 2·74 | 5·61 | 3·69 | 2·24 | 4·13 | 3·84 | 1·97 | 3·68 | 1·62 | 3·166 |
| Octobe..... | 3·70 | 2·61 | 4·82 | 4·34 | 3·55 | 4·14 | 2·79 | 3·80 | 2·45 | 1·10 | 3·330 |
| November..... | 1·50 | 2·19 | 5·12 | 2·24 | 4·11 | 5·31 | 4·05 | 3·13 | 4·12 | 2·14 | 3·391 |
| December..... | 3·63 | 2·31 | 3·90 | 1·62 | 2·79 | 2·27 | 7·02 | 1·83 | 3·13 | 1·77 | 3·024 |
| TOTALS ..... | 24·36 | 29·72 | 46·87 | 32·56 | 29·03 | 31·38 | 41·07 | 42·11 | 34·41 | 30·22 | 34·173 |

# RAINFALL AT Wooplaw [Galashiels]

Lat..... Lon..... County of Roxburgh

.....Stroat Rain Gauge, by..... Observer.....

Leader TC-6. Monthly

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | 3 | | | . | . | . | . | |
| Height..... | | | | 1 | | | . | . | . | . | |
| Altitude..... | | | | 880 | | | . | . | . | . | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | 3·50 | 1·90 | 3·80 | ·95 | 5·95 | 3·55 | 1·30 | |
| February..... | | | | 1·75 | 1·60 | 1·10 | 3·65 | 2·60 | 1·25 | 3·30 | |
| March..... | | | | 2·00 | 1·40 | 1·30 | 4·10 | 2·00 | 1·20 | 2·03 | |
| April..... | | | | ·80 | 1·30 | ·70 | 4·30 | 3·60 | 2·10 | 2·30 | |
| May..... | | | | 2·30 | 1·20 | 1·50 | ·70 | 2·10 | 4·00 | 1·65 | |
| June..... | | | | 1·30 | 1·80 | 2·80 | 3·00 | 1·80 | 2·40 | 4·62 | |
| July..... | | | | 4·50 | 2·30 | 2·80 | 1·25 | 4·30 | ·90 | 3·35 | |
| August..... | | | | 4·10 | 4·80 | 1·30 | 4·50 | 7·00 | 4·24 | 3·30 | |
| September..... | | | | 3·70 | 2·20 | 4·00 | 3·80 | 1·80 | 3·20 | 1·40 | |
| October..... | | | | 4·30 | 3·50 | 4·00 | 2·70 | 3·40 | 2·10 | 1·25 | |
| November..... | | | | 2·30 | 4·00 | 5·30 | 3·95 | 3·20 | 3·40 | 2·00 | |
| December..... | | | | 1·60 | 2·70 | 2·30 | 7·00 | 1·85 | 3·00 | 1·60 | |
| TOTALS..... | | | | 32·15 | 28·70 | 30·90 | 39·90 | 39·60 | 31·34 | 28·10 | |

1879 Rhododendrons 5ft high 30ft E.

Stow church 3 miles W.

# RAINFALL AT Kelso Abbey Park

Lat..... Lon..... County of Roxburgh.....

.....Rain Gauge, by..... Observer... A. Buchan Esq.....

Tweed, lower, L. bank - 7.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | | | | | | | |
| Height ..... | | | | | 1 - | | | | | | |
| Altitude..... | | | | | 130 | | | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | 2·53 | ~~1·06~~ .76 | | | | | | |
| February..... | | | | 1·34 | ~~1·80~~ .66 | | | | | | |
| March..... | | | | 1·52 | ~~·90~~ 1·91 | | | | | | |
| April..... | | | | .62 | ~~1·43~~ 1·64 | | | | | | |
| May ..... | | | | 1·65 | ~~1·91~~ 1·16 | | | | | | |
| June..... | | | | .93 | ~~1·78~~ 1·35 | | | | | | |
| July ..... | | | | 3·41 | ~~3·08~~ 3·20 | | | | | | |
| August..... | | | | 2·53 | ~~5·10~~ 4·63 | | | | | | |
| September..... | | | | 2·33 | ~~2·21~~ 1·78 | | | | | | |
| October..... | | | | 4·30 | ~~2·80~~ 2·02 | | | | | | |
| November..... | | | | 2·20 | ~~4·29~~ 3·48 | | | | | | |
| December..... | | | | 1·37 | ~~2·96~~ 4·20 | | | | | | |
| TOTALS..... | | | | 24·73 | ~~29·52~~ 26·99 | | | | | | |

1875 no Slip Springwood P K - inserted in error.

# RAINFALL AT New Castleton The Flatt

Lat..... Lon..... County of Roxburghshire

.....Rain Gauge, by..... Observer J. Elliot

Gk – 8.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | ·3 | · | | | | | · | · | · | · | |
| Height ..... | ·9 | · | 6 | ·9 | ·6 | | · | · | · | · | |
| Altitude ..... | 350· | · | | | | | · | · | · | · | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 6.40 | 3·80 | 10·10 | 11·90 | 5·80 | 9·20 | 3·40 | 8·10 | 3·60 | 1·20 | 6·350 |
| February..... | 3·70 | 5·80 | 5·30 | 2·90 | 4·10 | 1·40 | 7·30 | 3·10 | 2·60 | 5·00 | 4·120 |
| March ..... | 2·10 | 3·00 | 4·70 | 2·30 | 5·00 | 1·80 | 5·50 | 2·10 | ·40 | 3·10 | 3·000 |
| April..... | 2·10 | 4·60 | 2·25 | ·30 | 2·80 | ·90 | 3·50 | 2·30 | 3·40 | ·70 | 2·285 |
| May ..... | 5·70 | 1·00 | 3·30 | 2·50 | 2·00 | ·50 | ·20 | 2·90 | 4·40 | 2·80 | 2·530 |
| June..... | 2·00 | 2·20 | 5·10 | 1·90 | 1·40 | 3·70 | 4·10 | 2·30 | 3·40 | 5·40 | 3·150 |
| July ..... | 1·80 | 6·20 | 4·10 | 6·70 | 3·10 | 1·70 | 1·90 | 5·10 | ·60 | 4·70 | 3·390 |
| August..... | 7·70 | 2·90 | 3·70 | 6·10 | 8·40 | 3·70 | 3·60 | 7·50 | 4·90 | 4·80 | 4·730 |
| September..... | 3·20 | 2·70 | 7·40 | 4·60 | 5·90 | 5·30 | 3·60 | 2·30 | 5·30 | 6·80 | 4·710 |
| October..... | 6·90 | 5·90 | 8·20 | 6·20 | 13·30 | 2·60 | 4·00 | 7·50 | 4·40 | 2·10 | 6·110 |
| November..... | 3·20 | 3·50 | 7·20 | 3·40 | 6·10 | 5·30 | 2·70 | 8·10 | 3·40 | 2·20 | 4·510 |
| December..... | 3·00 | 7·80 | 7·50 | 3·60 | 2·30 | 3·50 | 8·30 | 2·40 | 3·40 | 3·40 | 4·520 |
| TOTALS ..... | 41·80 | 49·40 | 68·85 | 52·40 | 60·20 | 39·60 | 48·10 | 53·70 | 39·80 | 42·30 | 49·605 |

1878 Wall 6ft high + 20 ft distant

# RAINFALL AT New Castleton Kirndean

Lat..... Lon..... County of Roxburghshire

.....Rain Gauge, by..... Observer Miss Elliot

Gk-8.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .3 | . | | | | | . | . | . | . | |
| Height ..... | .9 | . | 6 | | | | . | . | . | . | |
| Altitude ..... | 400. | . | | | | | . | . | . | . | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 5·70 | 3·10 | 9·50 | 12·70 | 6·60 | 11·00 | 4·20 | 9·80 | 6·10 | 1·20 | 6·990 |
| February..... | 4·20 | 5·70 | 5·30 | ·80 | 4·40 | 2·20 | 6·40 | 4·30 | 3·20 | 5·00 | 4·150 |
| March ..... | 1·80 | 2·50 | 4·00 | 1·80 | 4·60 | 1·90 | 5·30 | 2·50 | 1·80 | 3·40 | 2·960 |
| April..... | 1·40 | 4·70 | 1·80 | ·10 | 3·20 | 1·10 | 3·10 | 3·80 | 2·00 | ·50 | 2·170 |
| May ..... | 4·60 | 1·00 | 3·00 | 2·10 | 1·40 | 1·90 | ·30 | 4·00 | 4·00 | 2·00 | 2·430 |
| June..... | 1·60 | 2·50 | 4·70 | 1·50 | 1·50 | 4·40 | 2·30 | 2·60 | 3·30 | 5·50 | 2·990 |
| July ..... | 1·30 | 7·10 | 5·70 | 5·70 | 2·50 | 2·50 | 1·70 | 5·60 | ·30 | 4·40 | 3·680 |
| August..... | 1·40 | 1·70 | 5·20 | 5·40 | 6·30 | 3·50 | 3·60 | 7·10 | 5·00 | 5·50 | 4·470 |
| September..... | 3·40 | 3·40 | 7·00 | 4·60 | 4·70 | 5·00 | 3·10 | 3·00 | 5·80 | 6·00 | 4·600 |
| October..... | 7·50 | 4·00 | 7·70 | 5·50 | 11·50 | 3·00 | 3·60 | 8·10 | 3·70 | 1·70 | 5·630 |
| November..... | 3·00 | 3·20 | 7·00 | 3·60 | 5·40 | 6·40 | 4·00 | 8·70 | 3·70 | ·90 | 4·590 |
| December..... | 3·00 | 6·70 | 7·40 | 3·40 | 2·50 | 5·30 | 11·40 | 4·40 | 2·30 | 3·70 | 5·010 |
| TOTALS ..... | 38·90 | 45·60 | 68·30 | 47·20 | 54·60 | 48·20 | 49·00 | 63·90 | 41·20 | 39·80 | 49·670 |

1878 Hedge 3ft high & 8ft distant

# RAINFALL AT Riccarton

Lat..... Lon..... County of Roxburgh

.....Rain Gauge, by..... Observer Revd R. F. Wheeler

Bk - 8. 1875 Mr W. Smith

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | | ·5 | | | | · | | | | |
| Height ..... | | | 1·6 | 1·3 | | | · | | | | |
| Altitude ..... | | | 820 | 8·53 | 8·150 | | 853 | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | 8·16 | 9·78 | 5·56 | | 3·63 | | | | |
| February..... | | | 4·64 | 1·23 | 3·08 | | 5·39 | | | | |
| March ..... | | | 3·72 | 2·15 | 3·14 | | 4·70 | | | | |
| April..... | | | 3·42 | ·48 | 4·59 | | 2·84 | | | | |
| May ..... | | | 3·89 | 2·19 | 2·20 | | ·91 | | | | |
| June..... | | | 3·99 | 2·28 | ·88 | | 4·38 | | | | |
| July ..... | | | 5·08 | 6·47 | 3·56 | | 1·93 | | | | |
| August..... | | | 4·16 | 6·41 | 5·87 | | 4·45 | | | | |
| September..... | | | 5·83 | 4·90 | 4·20 | | 2·66 | | | | |
| October..... | | | 6·89 | 5·34 | 10·03 | | 3·14 | | | | |
| November..... | | | 7·58 | 3·95 | 3·38 | | 3·39 | | | | |
| December..... | | | 6·02 | 2·99 | 4·43 | | 9·04# | | | | |
| TOTALS ..... | | | 63·38 | 48·17 | 50·92 | 42·49 | 46·46 | | | | |

1875 Gauge blown over one Stormy night amount computed

Rusecarton
70

# RAINFALL AT Laughtree

Lat..... Lon..... County of Roxburghshire

..... Rain Gauge, by..... Observer Rev. R. S. Wheeler

Ek- 8. J J Bell

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | .5 | | | | | | . | . | | |
| Height ..... ... | | 4 | 4 . 6 | | | | | . | . | | |
| Altitude ..... | | 700. | | 760 | | | | . | . | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | 2.04 | 7.14 | 8.20 | 3.78 | 7.37 | 3.19 | 7.74 | 3.06 | | |
| February ..... | | 3.84 | 4.89 | 1.57 | 2.98 | 2.32 | 4.99 | 4.05 | 2.63 | | |
| March ..... | | 2.34 | 3.22 | 2.37 | 2.61 | 2.04 | 3.81 | 1.43 | 1.02 | | |
| April..... | | 4.18 | 3.16 | .44 | 2.71 | 1.27 | 2.35 | 2.41 | 1.63 | | |
| May ..... | | 1.14 | 3.87 | 1.86 | 2.12 | 2.71 | 1.22 | 3.24 | 4.14 | | |
| June..... | | 3.10 | 4.38 | 1.76 | 1.48 | 4.31 | 3.90 | 2.81 | 4.32 | | |
| July ..... | | 6.42 | 4.04 | 6.26 | 3.36 | 2.29 | 1.69 | 4.65 | 1.54 | | |
| August..... | | 2.17 | 3.91 | 6.32 | 5.97 | 4.44 | 4.21 | 8.09 | 4.23 | | |
| September..... | | 2.47 | 5.89 | 3.88 | 3.90 | 4.59 | 4.05 | 2.44 | 5.09 | | |
| October..... | | 3.76 | 7.31 | 4.45 | 7.86 | 2.98 | 3.49 | 5.71 | 3.95 | | |
| November..... | | 2.80 | 6.97 | 3.04 | 4.05 | 4.09 | 3.01 | 6.58 | | | |
| December..... | | 5.50 | 5.40 | 1.88 | 1.80 | 5.46 | 7.22 | 2.64 | | | |
| TOTALS ..... | | 39.76 | 60.18 | 42.03 | 42.62 | 43.87 | 43.13 | 51.79 | | | |

C C

70

# RAINFALL AT Source of Tweed Yarrow Kirkstead IV

Lat..... Lon..... County of ~~Peebles~~ Selkirk

..... Rain Gauge, by..... Observer .....

~~Yarrow, Peebles~~ Ettrick Pc - 2.

| Diameter ..... | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Height ..... | 8 | | | | | | | | | | |
| Altitude ..... | 1500 | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 4.00 | | | | | | | | | | |
| February ..... | 5.20 | | | | | | | | | | |
| March ..... | 7.00 | | | | | | | | | | |
| April ..... | 2.10 | | | | | | | | | | |
| May ..... | 6.40 | | | | | | | | | | |
| June..... | 2.50 | | | | | | | | | | |
| July ..... | 3.10 | | | | | | | | | | |
| August..... | 2.60 | | | | | | | | | | |
| September..... | 7.00 | | | | | | | | | | |
| October..... | 10.20 | | | | | | | | | | |
| November..... | 2.90 | | | | | | | | | | |
| December..... | 2.90 | | | | | | | | | | |
| TOTALS ..... | 49.90 | | | | | | | | | | |

C

# RAINFALL AT Source of Tured Craigerig VI

Lat..... Lon..... County of ~~Peebles~~ Selkirk,

..... Rain Gauge, by..... Observer .....

Ettrick RC-2

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | | | | | | | | | | |
| Height ..... ... | 8 | | | | | | | | | | |
| Altitude ..... | 920 | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... # | 4·20 | | | | | | | | | | |
| February ..... | 7.10 | | | | | | | | | | |
| March ..... | 1.30 | | | | | | | | | | |
| April..... | 2.20 | | | | | | | | | | |
| May ..... | 6.20 | | | | | | | | | | |
| June..... | 2.40 | | | | | | | | | | |
| July ..... | 2.30 | | | | | | | | | | |
| August..... | 1.40 | | | | | | | | | | |
| September..... | 4·20 | | | | | | | | | | |
| October..... + | 6.20 | | | | | | | | | | |
| November..... | 2.90 | | | | | | | | | | |
| December..... | 3.70 # | | | | | | | | | | |
| TOTALS ..... | 44.10 | | | | | | | | | | |

C

# RAINFALL AT Source of Tweed Dryhope Haugh V.11

Lat..... Lon..... County of Selkirk

..... Rain Gauge, by..... Observer .....

Ettrick RC - 2

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | | | | | | | | | | |
| Height ..... ... | 8 | | | | | | | | | | |
| Altitude ..... | 820 | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 3.35 | | | | | | | | | | |
| February ..... | 4.70 | | | | | | | | | | |
| March ..... | 1.10 | | | | | | | | | | |
| April..... | 1.20 | | | | | | | | | | |
| May ..... | 4.30 | | | | | | | | | | |
| June..... | 1.80 | | | | | | | | | | |
| July ..... | 1.80 | | | | | | | | | | |
| August..... | 1.70 | | | | | | | | | | |
| September..... | 3.20 | | | | | | | | | | |
| October..... | 6.10 | | | | | | | | | | |
| November..... | 1.90 | | | | | | | | | | |
| December..... | 2.80 | | | | | | | | | | |
| TOTALS ..... | 33.95 | | | | | | | | | | |

# RAINFALL AT Selkirk Bowhill

Lat..... Lon..... County of Selkirk

.....Rain Gauge, by..... Observer W. Mathison

Tweed, Ettrick – 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 6 | . | | | | | 9 | . | . | . | |
| Height ..... | 11.0 | . | | | | | . | . | . | . | |
| Altitude ..... | 637 | . | | | | | . | 548 | 537 | 697 | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 3.34 | 2.03 | 4.13 | 5.49 | 1.55 | 4.19 | 1.04 | 7.63 | 3.58 | 1.89 | 3.484 |
| February..... | 2.89 | 3.50 | 4.68 | 1.19 | 1.36 | 1.26 | 5.60 | 2.63 | 1.71 | 2.88 | 2.990 |
| March ..... | 1.12 | 2.13 | 3.03 (20) | 3.29 | 1.42 | 1.17 | 4.41 | 1.98 | .80 | 2.61 | 2.213 |
| April..... | .80 | 3.89 | 3.11 | .71 | 2.07 | .73 | 4.28 | 3.54 | 2.57 | 1.97 | 2.364 |
| May ..... | 2.63 | 1.05 | 3.21 | 2.23 | 1.21 | 1.37 | 1.00 | 2.23 | 4.15 | 1.78 | 2.086 |
| June..... | 2.10 | 3.37 | 3.16 | .81 | 1.46 | 2.80 | 3.35 | 2.51 | 2.73 | 3.83 | 2.612 |
| July ..... | 1.25 | 3.16 | 3.72 | 4.66 | 3.83 | 3.28 | 1.40 | 4.55 | .83 | 3.63 | 3.031 |
| August..... | 1.43 | 2.74 | 4.23 | 3.97 | 5.06 | 1.88 | 3.52 | 7.13 | 4.59 | 3.54 | 3.809 |
| September..... | 2.10 | 1.73 | 5.39 (4) | 2.33 | 2.49 | 3.77 | 3.51 | 1.87 | 3.88 | 2.56 | 2.993 |
| October..... | 3.79 | 2.83 | 4.88 | 4.56 | 4.66 | 3.96 | 3.59 | 4.09 | 2.50 | 1.41 | 3.627 |
| November..... | 1.08 | 1.92 | 5.33 (4) | 2.04 | 4.47 | 3.51 | 3.33 | 3.90 | 4.17 | 1.53 | 3.129 |
| December..... | 2.53 | 2.88 | 4.88 | 1.32 | 3.53 | 3.20 | 6.59 | 1.79 | 2.37 | 2.10 | 3.109 |
| TOTALS ..... | 25.06 | 31.23 | 49.93 (3) | 32.60 | 33.11 | 31.12 | 41.62 | 43.85 | 33.88 | 29.73 | 35.213 |

1878 Amount for Sept^r erroneously printed in Registrar Generals returns as 4.42 ins

# RAINFALL AT Galashiels (Abbotsford Rd)

Lat..... Lon..... County of Selkirk

.....Rain Gauge, by..... Observer Dr Somerville

Imed. Gala – 5.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | ·5 | · | | · | | | · | · | | · | |
| Height ..... | ·4 | · | 6 | · | | | · | · | | · | |
| Altitude ..... | 416 | · | 410· | 414 | 410 | | - | 412 | | · | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·70 | 1·89 | 4·25 | 472 | 2·28 | 4·25 | 1·16 | 6·58 | 4·23 | 1·11 | 3·317 |
| February..... | 2·94 | 3.43 | 3·99 | 1·72 | 1·91 | 1·44 | 4·76 | 3·22 | 1·68 | 2·99 | 2·808 |
| March ..... | 1·26 | 1·91 | 2·94 | 1·64 | 1·84 | 1·37 | 4·36 | 2·72 | 1·05 | 2·53 | 2·162 |
| April..... | ·49 | 4·23 | 3·16 | ·82 | 1·89 | ·68 | 2·51 | 4·31 | 2·16 | 2·81 | 2·306 |
| May ..... | 2·46 | ·92 | 2·97 | 2·15 | 1·20 | 1·48 | ·80 | 2·56 | 4·20 | 1·67 | 2·041 |
| June..... | 1·34 | 3·37 | 3·13 | ·63 | 1·85 | 2·87 | 3·71 | 2·14 | 2·81 | 5·13 | 2·698 |
| July ..... | 1·26 | 3.21 | 3·99 | 4·17 | 2·56 | 2·90 | 1·75 | 4·57 | 1·15 | 3·68 | 2·924 |
| August..... | 1·67 | 1·86 | 4·23 | 3·45 | 4·88 | 1·65 | 5·07 | 8·19 | 5·21 | 3·94 | 4·015 |
| September..... | 2·02 | 2·29 | 4·49 | 2·96 | 2·29 | 4·46 | 3·55 | 2·37 | 3·80 | 1·86 | 3·009 |
| October..... | 4·34 | 2·89 | 4·59 | 4·07 | 4·31 | 4·47 | 2·98 | 4·37 | 2·62 | 1·43 | 3·607 |
| November..... | 1·37 | 2.42 | 6·54 | 2·82 | 4·38 | 4·98 | 3·67 | 3·38 | 4·46 | 2·31 | 3·633 |
| December..... | 3·54 | 2.46 | 4·74 | 1·53 | 3·81 | 2·74 | 10·79 | 1·86 | 2·95 | 2·75 | 3·917 |
| TOTALS ..... | 25·39 | 30·88 | 49·02 | 30·68 | 33·20 | 33·29 | 45·71 | 46·27 | 36·32 | 32·21 | 36·237 |

1870 ℄ open on all sides but N.W. where is a houses 31 yards off

Galashiels d:500 ℄ S.W.

70

# RAINFALL AT Source of Tweed Meggethead V

Lat..... Lon..... County of Peebles

..... Rain Gauge, by..... Observer .....

Tweed, Rbank - 1.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | | | | | | | | | | |
| Height ..... | 8 | | | | | | | | | | |
| Altitude ..... | 1750 | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | # 4·80 | | | | | | | | | | |
| February ..... | 5·30 | | | | | | | | | | |
| March ..... | 2·00 | | | | | | | | | | |
| April ..... | 4·20 | | | | | | | | | | |
| May ..... | 11·10 | | | | | | | | | | |
| June..... | 3·90 | | | | | | | | | | |
| July ..... | 3·40 | | | | | | | | | | |
| August..... | 1·80 | | | | | | | | | | |
| September..... | 7·10 | | | | | | | | | | |
| October..... | 7·60 | | | | | | | | | | |
| November..... | 3·50 | | | | | | | | | | |
| December..... | 2·30 # | | | | | | | | | | |
| TOTALS ..... | 57·00 | | | | | | | | | | |

C

70

# RAINFALL AT Source of Tweed Talla Linn Foot III

Lat..... Lon..... County of Peebles

..... Rain Gauge, by..... Observer .....

Tweed, R. bank – 1.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | | | | | | | | | | |
| Height ..... | .8 | | | | | | | | | | |
| Altitude ..... | 990 | | | | | | | | | | |
| Year ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | Means. |
| January..... | # 5.80 | | | | | | | | | | |
| February ..... | 8.60 | | | | | | | | | | |
| March ..... | 1.50 | | | | | | | | | | |
| April ..... | 2.30 | | | | | | | | | | |
| May ..... | 7.90 | | | | | | | | | | |
| June..... | 2.50 | | | | | | | | | | |
| July ..... | 2.70 | | | | | | | | | | |
| August..... | 2.30 | | | | | | | | | | |
| September..... | 6.40 | | | | | | | | | | |
| October..... | T 10.00 | | | | | | | | | | |
| November..... | 4.00 | | | | | | | | | | |
| December..... | 3.50 # | | | | | | | | | | |
| Totals ..... | 57.50 | | | | | | | | | | |

C

35 Innerleithen

# RAINFALL AT Peebles The Glen

70

Lat. ..... Lon. ..... County of Peebles

..... Rain Gauge, by ..... Observer .....

Tweed, Rbank — 1.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter .... | | | | | | | 8 . | | | | |
| Height .... | | | | | | | 6 . | | | | |
| Altitude .... | | | | | | | 735 . | | | | |
| Year .... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January .... | | | | | | 5·60 | 1·35 | 8·51 | | | |
| February .... | | | | | | 1·18 | 3·32 | 4·90 | | | |
| March ..... | | | | | | ·68 | 4·04 | 1·72 | | | |
| April ..... | | | | | | ·55 | 2·46 | 2·50 | | | |
| May ..... | | | | | | 1·24 | ·99 | 1·37 | | | |
| June ..... | | | | | | 1·54 | 3·51 | 3·13 | | | |
| July ..... | | | | | | 2·95 | 1·00 | 6·44 | | | |
| August .... | | | | | | 1·77 | 2·05 | 6·85 | | | |
| September .. | | | | | | 4·00 | 2·63 | 1·67 | | | |
| October .... | | | | | | 4·85 | 2·67 | 5·68 | | | |
| November .. | | | | | | 4·01 | 2·59 | 7·05 | | | |
| December .. | | | | | | 2·91 | 5·29 | 2·31 | | | |
| TOTALS .. | | | | | | 31·28 | 31·90 | 52·13 | — | | |

1878 imp: 20·7 sund.

# RAINFALL AT Manor Glenrath

Lat..... Lon..... County of Peebles

.....Rain Gauge, by..... Observer Mr. Simon Linton

Tweed. Rbank – 1.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | .5 | . | | | | | - | . | . | . | |
| Height ..... | 1 .2 | . | | | | | . | . | . | . | |
| Altitude ..... | 764. | . | | | | | . | . | . | . | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... # | 2·18 | 4·02 | 7·21 | 7·08 | 3·62 | 4·74 | 2·03 | 9·69 | 4·31 | 1·60 | 4·648 |
| February..... | 4·17 | 3·38 | 5·22 | 1·38 | 1·93 | 1·71 | 5·07 | 4·19 | 2·10 | 2·16 | 3·131 |
| March ..... | 1·58 | 3.76 | 1·72 | 2·42 | 2·66 | 1·46 | 2·99 | 2·51 | 2·35 | 2·67 | 2·412 |
| April..... | 1.49 | 3·35 | 2·51 | ·19 | 2·95 | 1·72 | 4·61 | 2·70 | 1·62 | 1·36 | 2·250 |
| May ..... | 3·18 | ·93 | 3·08 | 2·16 | 1·55 | 2·28 | 1·17 | 2·61 | 4·32 | 1·69 | 2·294 |
| June..... | 1·96 | 2·81 | 3·66 | 1·01 | 1·22 | 2·63 | 2·44 | 3·18 | 2·05 | 5·62 | 2·658 |
| July ..... | 1·69 | 3·57 | 2·98 | 4·32 | 2·90 | 4·98 | 1·87 | 4·69 | ·70 | 4·21 | 3·191 |
| August..... | ·97 | 2·33 | 3·74 | 3·93 | 5·11 | 2·92 | 4·79 | 6·84 | 4·04 | 4·16 | 3·883 |
| September..... | 3·14 | 2·44 | 5·95 | 3·28 | 3·28 | 4·24 | 2·78 | 2·53 | 5·33 | 2·55 | 3·552 |
| October..... + | 4·85 | 3.43 | 5·13 | 5·26 | 5·97 | 4·77 | 4·57 | 3·78 | 3·97 | 1·95 | 4·368 |
| November..... | 2·24 | 2·10 | 9·20 | 2·53 | 5·59 | 5·43 | 3·43 | 6·33 | 1·69 | ·96 | 3·950 |
| December..... | 2·36 | 4.85 | 7·61 | 2·53 | 3·81 | 3·75 | 9·17 | 2·65 | 3·74 | 2·42 | 4·289 |
| TOTALS ..... | 29·81 | 36·97 | 58·01 | 36·09 | 40·59 | 40·63 | 44·92 | 51·70 | 36·22 | 31·35 | 40629 |

C C C

# RAINFALL AT Source of Tweed Tweedshaws I

Lat..... Lon..... County of Peebles

..... Rain Gauge, by..... Observer .....

Tweed, L. bank – 2.

Diameter ..... 1

Height ..... 8

Altitude ..... 1400

| Year | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | Means. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| January | # 4.20 | | | | | | | | | | |
| February | 4.80 | | | | | | | | | | |
| March | 1.10 | | | | | | | | | | |
| April | 1.90 | | | | | | | | | | |
| May | 4.40 | | | | | | | | | | |
| June | 2.50 | | | | | | | | | | |
| July | 4.00 | | | | | | | | | | |
| August | 1.40 | | | | | | | | | | |
| September | 4.40 | | | | | | | | | | |
| October | + 5.60 | | | | | | | | | | |
| November | 2.10 | | | | | | | | | | |
| December | – .70 | # | | | | | | | | | |
| Totals | 37.10 | | | | | | | | | | |

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70

# RAINFALL AT Source of Tweed Glenbreck

Lat..... Lon..... County of Peebles

..... Rain Gauge, by..... Observer .....

Tweed, L. bank – 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | | | | | | | | | | |
| Height ..... | .8 | | | | | | | | | | |
| Altitude ..... | 1000 | | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 4.40 | | | | | | | | | | |
| February ..... | 5.30 | | | | | | | | | | |
| March ..... | 1.70 | | | | | | | | | | |
| April ..... | 1.90 | | | | | | | | | | |
| May ..... | 4.80 | | | | | | | | | | |
| June..... | 2.90 | | | | | | | | | | |
| July ..... | 2.20 | | | | | | | | | | |
| August..... | 1.60 | | | | | | | | | | |
| September..... | 4.40 | | | | | | | | | | |
| October..... | 5.90 | | | | | | | | | | |
| November..... | 3.20 | | | | | | | | | | |
| December..... | 2.20 | | | | | | | | | | |
| TOTALS ..... | 40.50 | | | | | | | | | | |

# RAINFALL AT Peebles Stobo Castle

Lat..... Lon..... County of Peebles.....

..... Rain Gauge, by..... Observer .....

Tweed, L. bank - 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | | | | | | | | | | | |
| Height ..... | | ·2 | | | | | | | | | |
| Altitude ..... | | 600 | | | | | | | | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | | | 3·60 | 1·10 | 8·60 | 3·90 | 1·40 | |
| February ..... | | 4·20 | | | | | 3·60 | 2·90 | 1·70 | 2·50 | |
| March ..... | | 2·40 | | | | | 5·00 | 1·40 | ·90 | 2·70 | |
| April..... | | 3·50 | | | | | 3·10 | 1·70 | 1·55 | 1·40 | |
| May ..... | | ·50 | | | | | ·90 | 2·00 | 3·30 | 1·70 | |
| June..... | | | 4·40 | | | 3·10 | 2·40 | 2·30 | 1·15 | 4·80 | |
| July ..... | 1·40 | | | | | 2·93 | | 3·90 | (·50) | 3·80 | |
| August..... | | 2·10 | | | | 1·68 | 4·04 | 5·50 | 4·04 | 4·60 | |
| September..... | | 2·40 | | | | 4·60 | 3·30 | 1·70 | 3·50 | 2·20 | |
| October..... | 4·30 | 2·50 | | | | 4·10 | 3·10 | 3·60 | 1·00 | 1·80 | |
| November..... | 1·90 | 2·30 | | | | | 2·10 | 5·60 | 2·00 | 1·45 | |
| December..... | 2·50 | 3·70 | | 2·10 | | | | 2·50 | 2·80 | 2·50 | |
| TOTALS ..... | | | | | | | | 41·70 | (26·34) | 30·85 | |

C C C

1872 very imperfect

1878 imp. Subs ctr. 1967

# RAINFALL AT Linton Borderlands

70

Lat. ..... Lon. ..... County of Peebles

..... Rain Gauge, by ..... Observer .....

Tweed, L. bank - 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter .... | | | | | | | 5" | | | | |
| Height .... | | | | | | | .3 | | | | |
| Altitude .... | | | | | | | 715 | | | | |
| Year .... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January .... | | | | | | 4·44 | 1·61 | | | | |
| February .... | | | | | | 1·18 | 3·06 | | | | |
| March .... | | | | | | 1·06 | 5·06 | | | | |
| April .... | | | | | | 1·13 | 2·27 | | | | |
| May .... | | | | | | 1·97 | ·93 | | | | |
| June .... | | | | | | 2·81 | 3·15 | | | | |
| July .... | | | | | | 2·80 | 1·97 | | | | |
| August .... | | | | | | 2·33 | 3·62 # | | | | |
| September .. | | | | | | 4·75 | | | | | |
| October .... | | | | | | 3·73 | | | | | |
| November .. | | | | | | 5·09 | | | | | |
| December .. | | | | | | 1·82 | | | | | |
| TOTALS .. | | | | | | 33·11 | | | | | |

3 NNW - Westlinton

70

# RAINFALL AT Cairnmuir

Lat..... Lon..... County of Peebles

.....Rain Gauge, by..... Observer A Buchan Capt

Tweed, L. bank - 2.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | 1 . | ' | | | | | . | . | . | | |
| Height ..... | .5 | ' | | | | | . | . | ' | | |
| Altitude ..... | 1150. | ' | | | | | . | . | ' | | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·23 | 3.46 | 6·80 | 6·47 | 4·55 | 5·56 | 2·33 | 6·00 | 5·20 | 2·50 | 4·510 |
| February..... | 2·53 | 4.48 | 3·57 | ·84 | 1·37 | 2·35 | 4·00 | 4·50 | 2·65 | 2·40 | 2·869 |
| March ..... | ·84 | 3.04 | 6·36 | 3·28 | 3·37 | ·90 | 5·00 | 3·30 | 3·00 | 4·70 | 3·379 |
| April..... | 1·88 | 4·83 | 4·64 | ·35 | 2·75 | 1·00 | 4·00 | 3·50 | 2·35 | 4·00 | 2·930 |
| May ..... | 2·18 | 1.78 | 5·45 | 4·20 | 2·28 | 2·30 | 1·50 | 5·00 | 3·30 | 3·00 | 3·099 |
| June..... | 3·01 | 2.78 | 5·03 | 2·02 | 1·35 | 3·00 | 2·50 | 3·00 | 2·30 | 5·00 | 2·999 |
| July ..... | 2·46 | 4.40 | 4·00 | 4·89 | 3·00 | 3·58 | 3·30 | 6·00 | 4·45 | 8·50 | 4·058 |
| August..... | 1·55 | 4·17 | 5·70 | 6·06 | 5·85 | 3·25 | 4·30 | 7·45 | 5·55 | 4·50 | 4·838 |
| September..... | 3·56 | 3·74 | 7·60 | 5·60 | 4·73 | 5·20 | 4·20 | 2·45 | 4·60 | 4·61 | 4·629 |
| October..... | 4·97 | 3·79 | 5·92 | 7·30 | 4·89 | 4·00 | 4·00 | 4·30 | 5·40 | 2·30 | 4·684 |
| November..... | 2·05 | 6.44 | 9·24 | 5·84 | 5·50 | 4·70 | 3·50 | 4·50 | 4·60 | 4·50 | 5·084 |
| December..... | 2·91 | 4·33 | 5·45 | 4·40 | 2·98 | 3·60 | 6·00 | 3·80 | 1·30 | 3·00 | 3·777 |
| TOTALS ..... | 30·17 | 47·24 | 69·96 | 51·25 | 42·62 | 39·44 | 44·63 | 53·80 | 40·70 | 49·01 | 46·862 |

C C C

# RAINFALL AT Eddlestone Portmore

*Lat.* ..... *Lon.* ..... *County of* Peebles

..... *Rain Gauge, by* ..... *Observer* W. H. Cameron

Ek - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter..... | | | | | | | | | | | |
| Height..... | | | | | | | | | | | |
| Altitude..... | | | | | | | | | | 1000 | |
| Year ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | | | | | | | 1·05 | |
| February..... | | | | | | | | | | 1·35 | |
| March ..... | | | | | | | | | | 2·90 | |
| April ..... | | | | | | | | | | 2·65 | |
| May..... | | | | | | | | | | 2·40 | |
| June ..... | | | | | | | | | | 5·55 | |
| July..... | | | | | | | | | | 7·20 | |
| August ..... | | | | | | | | | | 5·15 | |
| September.... | | | | | | | | | | 2·50 | |
| October..... | | | | | | | | | | 2·16 | |
| November.... | | | | | | | | | | 2·80 | |
| December .... | | | | | | | | | | 2·05 | |
| TOTALS .... | | | | | | | | | | 37·76 | |

70

# RAINFALL AT North Esk Reservoir [Penmyuick]

Lat..... Lon..... County of Peebles

.....Rain Gauge, by..... Observer W. J. Garnock

Gk - 3.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diameter ..... | ·11 | " | | | | | . | . | . | . | |
| Height ..... | ·6 | " | | | | | . | . | . | . | |
| Altitude ..... | 1150. | " | | | | | . | . | . | . | |
| YEAR ..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2·40 | 2·55 | 5·20 | 4·60 | 3·45 | 4·45 | 2·25 | 7·25 | 5·50 | 1·25 | 3·890 |
| February..... | 2·95 | 3·05 | 2·35 | 1·45 | ·85 | 1·30 | 3·25 | 2·85 | 2·05 | 3·10 | 2·320 |
| March ..... | 1·40 | 1·90 | 3·20 | 2·15 | 2·35 | 1·75 | 6·05 | 1·85 | 1·45 | 3·95 | 2·605 |
| April..... | ·70 | †4·50 | 1·95 | ·20 | 2·15 | 1·40 | 2·60 | 2·05 | 1·95 | 2·45 | 1·995 |
| May ..... | 1·60 | 1·10 | 4·15 | 2·85 | 1·60 | 1·55 | 1·00 | 2·90 | 3·15 | 2·25 | 2·215 |
| June..... | 2·90 | 2·20 | 3·55 | 1·30 | 1·00 | 2·70 | 3·10 | 2·60 | 1·95 | 4·75 | 2·605 |
| July ..... | 1·20 | 3·15 | 2·50 | 3·75 | 2·70 | 3·30 | 2·50 | 6·15 | 1·15 | 8·75 | 3·515 |
| August..... | 1·00 | 3·55 | 4·15 | 4·50 | 6·50 | 2·55 | 5·70 | 7·05 | 6·55 | 3·55 | 4·570 |
| September..... | 2·45 | 2·25 | 6·05 | 4·45 | 3·30 | 4·60 | 3·80 | 2·35 | 4·40 | 3·60 | 3·925 |
| October..... | †3·65 | 2·15 | 5·15 | 5·70 | 4·80 | 3·60 | 3·25 | 3·35 | 4·50 | 1·70 | 3·985 |
| November..... | 1·15 | 4·60 | 7·10 | 4·35 | 4·45 | 5·70 | 3·00 | 4·25 | 3·60 | 3·95 | 4·215 |
| December..... | 2·25 | 3·30 | 2·95 | 2·55 | 1·90 | 3·40 | 7·20 | 2·90 | 4·05 | 2·25 | 3·275 |
| TOTALS ..... | 23·65 | 34·30 | 48·30 | 37·85 | 35·05 | 36·30 | 43·70 | 45·55 | 40·30 | 41·55 | 38·653 |

C C C

1875 Gauge very slightly sheltered on the N

West Linton church 5 miles S.