

RAINFALL AT *Edinburgh Royal Observatory*

Lat.

Lon.

County of

Edinburgh

Rain Gauge, by

Observer

S. Copeland

Almond No. 5.

| | | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|------|-------|-------|-------|--------|
| Diameter. | | | | | | | 5 | | | | |
| Height. | | | | | | | 23.0 | | | | |
| Altitude. | | | | | | | 370 | | | | |
| Year | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January. | | | | | | | | 3.69 | 1.48 | .85 | |
| February. | | | | | | | | 1.08 | .35 | .73 | |
| March. | | | | | | | | 1.08 | .35 | 1.19 | |
| April. | | | | | | | | 2.03 | .73 | 1.55 | |
| May. | | | | | | | | 1.51 | 2.06 | 1.09 | |
| June. | | | | | | | | 1.26 | 1.65 | 3.60 | |
| July. | | | | | | | | 3.53 | .54 | 5.36 | |
| August. | | | | | | | | 6.46 | 3.53 | 2.21 | |
| September. | | | | | | | | 3.42 | .84 | 1.96 | .86 |
| October. | | | | | | | | 1.60 | 1.63 | 1.21 | .81 |
| November. | | | | | | | | 2.68 | .93 | 1.96 | 1.43 |
| December. | | | | | | | | 3.23 | 1.04 | 1.23 | .36 |
| TOTALS. | | | | | | | | 25.08 | 17.05 | 20.04 | |

The water flows through a small pipe into a glass receiver inside the Observatory. About .03 in. of rain lodges in a bend in the pipe and is probably evaporated during long periods of dry weather.

RAINFALL AT Edinburgh Royal Observatory

Lat. _____

Lon. _____

 County of Edinburgh

Rain Gauge, by _____

 Observer D^r. Copeland
Stand &c - 5.

| | | | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter . . . | 5 | | | | | | | | | | |
| Height | 23 0 | | | | | | | | | | |
| Altitude | 370 | | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | .26 | .35 | .50 | 1.29 | 1.70 | .52 | 1.46 | .27 | .94 | .29 | |
| February | .95 | 1.69 | .74 | .51 | .75 | .97 | .86 | .26 | .69 | .19 | |
| March | 1.01 | 1.04 | 1.05 | .30 | .83 | .98 | 1.09 | .81 | 1.79 | .43 | |
| April | 2.53 | .27 | 1.83 | .99 | .51 | 1.18 | .63 | .57 | .74 | 1.42 | |
| May | .37 | 1.62 | 1.44 | .31 | 1.46 | 1.75 | 3.26 | 1.03 | .41 | 1.62 | |
| June | .98 | 1.08 | 1.80 | 1.38 | .43 | .21 | 1.58 | .23 | 1.85 | 1.19 | |
| July | 2.83 | 2.45 | 2.67 | 3.27 | 3.94 | .47 | 2.12 | 1.91 | 4.51 | 3.01 | |
| August | .19 | 5.20 | 1.06 | 2.29 | 1.72 | 2.20 | .89 | 1.04 | 1.09 | 4.06 | |
| September . . . | 1.74 | 3.00 | 1.33 | 1.59 | 1.57 | 1.36 | 1.40 | 4.58 | .42 | .52 | |
| October | 2.34 | .95 | 1.70 | 1.07 | .74 | .61 | 2.26 | .91 | .55 | 2.12 | |
| November | 2.30 | .83 | 1.72 | .83 | .65 | .67 | .95 | 2.06 | 2.32 | .41 | |
| December | 1.36 | .85 | 3.37 | .36 | 1.45 | .26 | 1.24 | .53 | .39 | .46 | |
| TOTALS | 16.86 | 19.33 | 19.21 | 14.19 | 15.75 | 11.18 | 17.84 | 14.20 | 15.70 | 15.72 | 15.98 |

The water flows through a small pipe into a glass receiver inside the Observatory. About .03 in. of rain lodges in a bend in the pipe and is probably evaporated during long periods of dry weather.

RAINFALL AT *Edinburgh Royal Observatory, Blackford Hill*

Lat. _____

Lon. _____

 County of *Edinburgh*

Rain Gauge, by _____

 Observer *DeLoopland*
Almond & C. - 5.

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|--------|
| Diameter | 5 | | | | | | 5 | | | | |
| Height | 23 0 | | | | | | 28 0 | | | | |
| Altitude | 370 | | | | | | 460 | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | 1.24 | .23 | .43 | .26 | .52 | .99 | .24 | .35 | .45 | 1.82 | |
| February | .51 | .08 | 1.02 | 1.17 | 3.25 | .31 | .34 | .20 | .08 | .74 | |
| March | .81 | 2.10 | .76 | .34 | .56 | 1.56 | .41 | .83 | .35 | .85 | |
| April | .37 | .10 | .63 | 1.12 | 1.47 | .82 | .31 | .19 | 1.08 | 1.40 | |
| May | 1.23 | 1.21 | 1.99 | 1.22 | 2.09 | .76 | .15 | .85 | 1.21 | 1.96 | |
| June | 1.78 | 3.6 | 2.13 | 1.44 | 1.93 | 1.95 | 2.70 | 3.02 | .69 | 1.05 | |
| July | 1.53 | 2.33 | .52 | 1.94 | 2.12 | 3.74 | 3.17 | 1.18 | .73 | 3.14 | |
| August | 2.96 | 3.44 | 3.80 | 2.19 | 2.99 | 3.66 | 1.29 | 2.60 | 1.87 | .30 | |
| September.... | .67 | 2.73 | .56 | 1.02 | .24 | .43 | 2.25 | .99 | 1.01 | 1.77 | |
| October | 1.98 | .81 | 3.01 | 2.40 | 1.75 | 2.43 | 2.68 | .87 | 1.77 | .42 | |
| November.... | 3.91 | .91 | .69 | 1.26 | .76 | | .12 | 1.00 | 1.49 | .91 | |
| December | 1.30 | 2.88 | .78 | 1.18 | .85 | | 1.60 | .69 | .13 | 1.15 | |
| TOTALS | 18.29 | 17.18 | 16.32 | 15.54 | 18.53 | | 15.26 | 12.77 | 10.86 | 15.51 | |

1890 On roof of Observatory 22 ft 6 in S of the centre of a hemispherical dome 15 ft in diameter the top of which is 10 ft above the gauge
Readings taken at 1 pm

1892 Observatory dome 10 ft high 22 ft 6 in N

1895 Gauge moved 11 Nov to Royal Obs Blackford Hill

1896 Jan 1st 5 in gauge mounted

RAINFALL AT Edinburgh Royal Observatory Blackford Hill

Lat. _____ Lon. _____ County of Edinburgh

Rain Gauge, by _____ Observer Dr. Copeland

Almond to - 5.

| | | | | | | | | | | | |
|---------------|-------------------|-------|-------|-------|-------|-------|-------------------|-------|-------|-------|----------|
| Diameter | 5 | | | | | 8 | | | | | |
| Height | 10 | | | | | 10 | | | | | |
| Altitude | 347 | | | | | 442 | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | 3.20 [#] | .51 | .88 | .61 | 2.02 | 1.35 | 0.65 [#] | 0.64 | 0.71 | 3.23 | |
| February | .90 | .15 | 2.30 | 2.06 | 6.31 | .27 | 0.69 | 1.14 | 0.92 | 1.22 | |
| March | 1.28 | 2.74 | .95 | .75 | 1.25 | 1.99 | 1.29 | 2.41 | 0.78 | 1.75 | |
| April | .70 | .34 | .85 | 1.45 | 1.87 | .92 | 0.72 | 0.89 | 1.73 | 2.29 | |
| May | 1.56 | 1.50 | 3.01 | 1.55 | 3.05 | .88 | 0.42 | 1.22 | 1.70 | 3.52 | |
| June | 2.80 | .48 | 2.83 | 2.09 | 2.27 | 2.31 | 3.16 | 4.07 | 1.30 | 1.31 | |
| July | 2.27 | 3.01 | 1.04 | 2.46 | 2.65 | 4.05 | 3.99 | 1.53 | 1.15 | 3.68 | |
| August | 3.40 | 4.74 | 5.50 | 3.17 | 3.35 | 4.36 | 1.73 | 3.55 | 3.16 | 0.40 | |
| September... | 2.17 | 4.16 | 1.11 | 1.55 | .34 | .60 | 3.86 | 1.52 | 1.97 | 2.89 | |
| October..... | 2.49 | 1.66 | 3.54 | 3.01 | 2.41 | 2.82 | 3.95 | 1.11 | 3.44 | 1.18 | |
| November... | 4.56 | 1.43 | 1.33 | 1.38 | 1.17 | 2.10 | 0.45 | 1.86 | 3.57 | 2.40 | |
| December... | 1.44 | 4.34 | 1.03 | 2.33 | 1.33 | 1.94 | 2.94 [#] | 2.28 | 1.86 | 1.70 | |
| TOTALS | 26.77 | 25.06 | 24.37 | 22.41 | 28.02 | 23.59 | 23.85 | 22.22 | 22.29 | 25.57 | (24.415) |

↑
Charlotte Sq.

1891 Observatory 22 ft high 25 ft W.N.W

1892 Telescope stand 3' 6" high 9' 6" W.S.W

Observatory 22 ft high 25 ft N.W

1895 Dec Gauge moved to Royal Obs Blackford Hill Edinburgh

1896 Jan 1st 8" gauge mounted

Hydro No. 900 093

RAINFALL AT *Liberton Royal Observatory Blackford Hill*

Lat.

Lon.

County of *Edinburgh*

Rain Gauge, by

Observer *D^r Copeland*

Almond + C-5.

J. Heald

| | | | | | | | | | | | | |
|--------------|-------|----------------------|------|------|------|------|------|------|------|------|--------|--|
| Diameter .. | 5 | | | | | | | | | | | |
| Height | 25.0 | | | | | | | | | | | |
| Altitude .. | 460 | | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. | |
| January .. | 1.22 | | | | | | | | | | | |
| February .. | 1.36 | | | | | | | | | | | |
| March | .67 | | | | | | | | | | | |
| April | .31 | | | | | | | | | | | |
| May | .14 | | | | | | | | | | | |
| June | 1.99 | | | | | | | | | | | |
| July | 2.08 | | | | | | | | | | | |
| August | 3.59 | | | | | | | | | | | |
| September .. | .71 | | | | | | | | | | | |
| October | 2.70 | | | | | | | | | | | |
| November .. | 2.85 | | | | | | | | | | | |
| December .. | 2.15 | | | | | | | | | | | |
| TOTALS .. | 19.77 | <i>1901 received</i> | | | | | | | | | | |

1900. "Bad position"

average computed $\Sigma/36$ using records 1881-1900 rejected from

being no 10" low.

- reflecting

RAINFALL AT *Liberton Royal Observatory Blackford Hill*

Lat. Lon. County of *Edinburgh*
 Rain Gauge, by Observer *Dr Copeland*
Almond & Co. 5. *J. Heath Esq*

| | | | | | | | | | | | |
|--------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 8 | | | | | | | | | | |
| Height | 1 0 | | | | | | | | | | |
| Altitude .. | 442 ft | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEAN. |
| January .. | 2.54 | 1.83 | 0.89 | 3.96 | 2.57 | 0.76 | 3.11 | 0.84 | 2.16 | 2.61 | 2.157 |
| February .. | 2.20 | 0.99 | 0.82 | 3.99 | 2.38 | 1.34 | 1.01 | 1.00 | 0.96 | 1.23 | 1.592 |
| March | 0.84 | 1.52 | 0.82 | 4.10 | 1.08 | 2.41 | 1.97 | 1.83 | 3.07 | 4.20 | 2.184 |
| April | 1.34 | 1.38 | 1.05 | 1.06 | 1.69 | 1.48 | 0.81 | 1.31 | 1.87 | 2.14 | 1.413 |
| May | 1.03 | 1.95 | 2.11 | 1.17 | 2.88 | 0.55 | 4.53 | 2.75 | 1.92 | 1.59 | 2.048 |
| June | 2.38 | 2.10 | 2.33 | 1.09 | 2.12 | 0.91 | 1.50 | 2.41 | 0.96 | 1.91 | 1.771 |
| July | 2.59 | 0.96 | 2.43 | 3.82 | 1.19 | 1.45 | 1.78 | 2.49 | 3.32 | 3.32 | 2.335 |
| August | 4.28 | 3.59 | 1.30 | 2.57 | 4.30 | 2.46 | 5.08 | 3.52 | 1.68 | 1.72 | 3.050 |
| September .. | 1.50 | 0.92 | 1.40 | 2.03 | 1.55 | 1.24 | 0.54 | 1.30 | 2.60 | 2.64 | 1.572 |
| October | 3.74 | 1.52 | 1.06 | 5.72 | 0.54 | 2.20 | 6.11 | 7.90 | 1.10 | 4.49 | 3.438 |
| November .. | 4.60 | 3.47 | 0.60 | 1.47 | 1.06 | 3.36 | 3.61 | 1.06 | 1.40 | 0.85 | 2.148 |
| December .. | 4.27 | 2.47 | 1.63 | 1.08 | 2.40 | 1.27 | 1.17 | 3.77 | 0.23 | 2.87 | 2.116 |
| TOTALS .. | 31.31 | 22.70 | 16.44 | 32.06 | 24.06 | 19.48 | 31.22 | 30.18 | 21.27 | 29.57 | 25.824 |

Heath

Hydro No 900093

+ Inspected

RAINFALL at *Edinburgh, Royal Obs. Blackford Hill*

County of *Middlethian* Observer *T. Heath Esq.*
Almond & C. 5 *Prof. W. R. G. Sampson (#916)*
 River Basin *Leith of Forth R. to Leith 3.*

Rain Gauge, by _____

| | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------------|
| Diameter ... | 8 | | | | | | | | | | | |
| Height | 10 | | | | | | | | | | | |
| Altitude ... | 442 | | | | | | | | | | | S.M.S. 1579 |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | 2.78 | 0.75 | 1.14 | 2.28 | 2.12 | 1.22 | 2.80 | 1.76 | 2.13 | 2.00 | 1.904 | 275 |
| February ... | 2.84 | 1.87 | 1.81 | 1.26 | 1.74 | 1.94 | 3.21 | 0.58 | 2.47 | 1.75 | 1.947 | 801 |
| March | 0.85 | 0.90 | 1.77 | 3.21 | 2.84 | 1.14 | 2.86 | 1.09 | 0.50 | 1.34 | 1.650 | 579 |
| April | 3.15 | 1.00 | 0.24 | 1.79 | 1.29 | 1.28 | 2.43 | 1.20 | 0.62 | 3.04 | 1.604 | 729 |
| May | 1.46 | 1.07 | 1.42 | 1.18 | 1.93 | 1.34 | 3.36 | 1.47 | 2.93 | 0.66 | 1.682 | 242 |
| June | 1.13 | 2.50 | 3.94 | 1.49 | 1.00 | 1.58 | 3.01 | 1.51 | 0.42 | 1.76 | 1.828 | 664 |
| July | 3.92 | 0.96 | 2.01 | 0.46 | 2.35 | 2.72 | 5.18 | 1.41 | 3.56 | 0.62 | 2.319 | 1077 |
| August | 5.17 | 1.19 | 4.75 | 1.44 | 1.48 | 5.67 | 4.06 | 4.77 | 1.57 | 1.53 | 3.162 | 1192 |
| September ... | 0.69 | 1.17 | 2.60 | 2.16 | 0.57 | 2.73 | 1.47 | 1.00 | 4.40 | 2.23 | 1.902 | 910 |
| October ... | 2.16 | 3.26 | 2.49 | 1.48 | 1.23 | 2.00 | 4.53 | 2.62 | 2.78 | 2.37 | 2.492 | 1230 |
| November ... | 2.38 | 4.40 | 1.62 | 1.97 | 2.62 | 0.99 | 3.17 | 2.00 | 1.31 | 4.99 | 2.545 | 1147 |
| December ... | 0.99 | 2.08 | 3.11 | 1.72 | 3.60 | 4.34 | 2.92 | 1.71 | 1.50 | 3.15 | 2.512 | 922 |
| TOTALS ... | 27.52 | 21.15 | 26.90 | 20.44 | 22.77 | 26.95 | 38.99 | 21.12 | 24.19 | 25.44 | 25.547 | |

1918 T.C. H. 12 ft. 12.50 ft. N

109.74

Hydro No. 900 093

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|-------------|------------|------------------|-----------|------------|---------|-----------|------------|
| 1916 | 55° 55' 1/2 | 0° 12' 44" | Blackford Hill | 300 yds | N.E. | Fraser | 1 m | N |

RAINFALL at Edinburgh. (Royal Observatory)County of MidlothianObserver Prof. R. A. Simpson, F.R.S.River Basin 5 Almond &c.

Rain Gauge, by _____

| | | | | | | | | | | | | |
|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|--------|
| Diameter ... | 8 | | | | | | | | | | | |
| Height | 1.0 | | | | | | | | | | | |
| Altitude ... | 1442 | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEAN. | 3075 |
| January ... | 2.46 | 3.98 | 1.41 | 1.55 | 2.07 | 2.65 | 2.67 | 2.23 | 4.91 | .81 | 3.08 | 27.77 |
| February ... | 2.40 | .51 | 1.86 | 2.34 | .61 | 3.53 | 3.01 | 1.05 | 2.57 | .85 | .46 | 19.19 |
| March | 2.18 | 2.08 | 1.59 | 1.77 | 1.01 | 2.26 | 1.57 | 1.59 | 1.48 | .20 | 2.15 | 16.88 |
| April | 1.58 | .61 | 1.52 | 1.79 | 1.04 | 2.88 | 1.55 | 1.60 | .56 | 1.59 | 1.17 | 15.89 |
| May | 2.23 | 1.64 | .67 | 1.53 | 4.46 | 4.29 | 3.33 | 2.10 | 1.43 | 1.34 | 1.22 | 24.24 |
| June | 1.04 | .35 | 1.70 | 1.06 | 1.76 | .46 | 2.95 | 2.98 | 5.18 | 2.49 | 1.81 | 21.78 |
| July | 2.86 | 2.20 | 3.74 | 2.86 | 4.22 | 1.92 | 2.76 | 2.22 | 2.11 | 2.22 | 3.90 | 32.01 |
| August | 5.33 | 3.94 | 1.47 | 4.31 | 3.05 | 3.46 | 1.95 | 6.79 | 4.85 | 8.72 | 5.18 | 43.95 |
| September... | 1.47 | 1.61 | 1.73 | 1.60 | 2.81 | 4.39 | 4.11 | 7.91 | 2.17 | .35 | 4.16 | 32.31 |
| October | .87 | 3.80 | 1.68 | 1.80 | 3.39 | 1.83 | 3.35 | 3.13 | 3.00 | 3.04 | 3.17 | 29.06 |
| November... | 1.90 | .99 | 1.20 | 2.25 | 1.11 | .81 | 3.05 | 1.40 | 2.98 | 3.60 | 3.81 | 23.10 |
| December... | 2.19 | 3.13 | 2.68 | 2.35 | 3.07 | 3.35 | .62 | 1.44 | 1.85 | 3.13 | 1.63 | 26.14 |
| TOTALS... | 27.5 | 24.74 | 21.25 | 24.24 | 28.60 | 31.83 | 30.92 | 34.44 | 33.09 | 26.04 | 31.69 | 312.52 |

Building 16 ft. 65 ft. N. of gauge.

Position of Station on reduced Ordnance Survey } No. of Map _____

Map, 2 miles to 1 inch Series

Reference No. _____

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|--------|--------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920 | 55°55'N | 2°44'W | Blackford (N.B.S.) | 1/2 m. | N. | | | |

RAINFALL at *Blackford Hill*
Edinburgh (Royal Observatory) *M.W.R.*

County of *Middleton* Observer *Professor R.A. Sampson, F.R.S.*
River Basin *5-Edmond &c.* *The Antonine Road for Scotland.*
Type of Gauge *Snowdon*

Annual Average *26.2* in. based on *26* years obs. un-weighted. Period of average *1881-1905* Ref *ST 222*

| | | | | | | | | | | | | |
|-----------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------------|
| Diameter | 8" | | | | | | | | | | | |
| Height | 1' 0" | | | | | | | | | | | |
| Altitude | 1111' | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | | 24HS Means |
| January | 1.94 | 2.99 | 2.59 | 1.96 | 1.26 | 3.59 | 2.04 | 3.32 | 3.25 | .77 | 23.71 | |
| February | 1.85 | .18 | 1.15 | .09 | 1.71 | 2.44 | 3.02 | .58 | 1.46 | .87 | 13.35 | |
| March | 1.30 | 2.64 | .88 | 2.72 | .91 | 1.74 | 1.70 | .57 | 2.50 | 2.24 | 17.20 | |
| April | 2.02 | 2.07 | 1.75 | 4.06 | 2.97 | 1.41 | 1.10 | .15 | 1.18 | 2.17 | 12.88 | |
| May | 2.77 | 2.83 | 1.66 | 1.24 | .93 | .83 | 2.52 | 4.18 | .97 | 1.70 | 19.63 | |
| June | 4.25 | 1.00 | 1.88 | 2.47 | 2.15 | 1.28 | 1.00 | 2.87 | 1.31 | .46 | 18.67 | |
| July | 3.57 | 1.90 | 4.78 | 2.83 | .62 | 4.36 | 5.37 | 2.43 | 2.33 | 8.26 | 36.45 | |
| August | 5.58 | .37 | .84 | 3.27 | 2.53 | 1.19 | 4.13 | 1.15 | 1.36 | .74 | 21.16 | |
| September | 1.98 | 2.48 | 1.87 | 1.69 | 2.24 | 2.92 | 1.64 | 2.15 | 1.49 | 2.35 | 21.80 | |
| October | 1.41 | 5.82 | 2.25 | 3.27 | 6.38 | 1.35 | 3.87 | 4.50 | 1.99 | 2.28 | 38.12 | |
| November | 4.16 | 1.56 | 1.44 | .93 | 3.80 | 2.11 | .24 | 4.46 | 3.51 | 3.69 | 25.90 | |
| December | 1.06 | 4.80 | .79 | 2.50 | 1.13 | 1.95 | 2.34 | 2.13 | .88 | 2.26 | 19.94 | |
| TOTALS | 51.38 31.89 | 28.64 | 21.88 | 27.03 | 27.63 | 25.17 | 28.97 | 28.49 | 22.22 | 27.79 | 269.71 | |

1936. House 16 ft high 65 ft. N.

| | | | | | | | | |
|---|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series | | | | | No. of Map | Reference No. | | |
| Date | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
| 1936 | | | Blackford Hill | 1/4 mi. | N. | | | |

Station No. 5138

RAINFALL at Edinburgh (Blackford Hill) M.W.R 41County of MidlothianObserver The Astronomer Royal
for Scotland.River Basin 5- Almond & CType of Gauge SnowdonAnnual Average 26.3 in. based on years obs. un-weighted. Period of average 1881-1915 Ref S.I. 232

File No.

| Diameter | 8' | | | | 900 | 093 | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1' 0" | | | | | 3 | | | | | |
| Altitude | 441' | | | | | 41 | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 1.53 | 3.92 | 2.09 | 1.87 | 3.29 | 1.81 | 2.22 | 5.27 | 2.16 | 1.26 | 25.42 |
| February | 2.83 | 1.03 | 1.31 | .74 | 2.72 | 1.58 | 1.44 | 2.14 | 1.67 | 2.68 | 18.14 |
| March | 2.83 | .97 | 1.63 | .46 | .94 | 1.54 | 3.75 | 1.06 | .80 | 2.20 | 16.18 |
| April | 1.18 | 1.58 | 1.00 | 1.78 | 1.12 | .40 | 2.92 | 1.48 | 1.07 | 1.98 | 14.51 |
| May | 3.04 | 1.47 | 3.25 | 2.43 | 3.91 | 1.89 | 2.93 | 2.34 | 1.90 | 1.89 | 25.05 |
| June | 0.91 | 1.00 | 1.74 | 2.00 | 1.57 | 1.65 | 2.97 | 4.02 | 1.01 | 1.69 | 18.56 |
| July | 2.98 | 3.19 | 2.50 | 3.12 | 2.33 | 3.05 | 1.92 | 1.94 | 2.71 | 3.11 | 26.85 |
| August | 2.91 | 2.21 | 3.50 | 2.77 | 3.13 | 3.59 | .19 | 9.40 | 3.33 | 2.32 | 33.35 |
| September | .96 | 2.64 | 1.23 | 4.78 | 3.20 | 3.02 | 1.27 | 2.58 | 1.75 | 4.75 | 26.18 |
| October | 3.20 | 2.55 | 2.97 | 2.35 | 3.60 | .86 | 1.22 | 1.61 | 4.25 | 2.07 | 24.68 |
| November | 1.89 | .56 | .85 | 5.13 | .32 | 3.29 | 2.90 | 2.33 | 3.51 | 3.37 | 24.15 |
| December | .86 | 1.19 | .85 | 2.06 | 2.07 | 1.87 | 2.19 | 2.20 | 3.85 | 1.56 | 18.70 |
| TOTALS | 25.12 | 22.31 | 22.92 | 23.43 | 28.20 | 24.55 | 25.92 | 36.37 | 28.01 | 28.88 | 27.77 |

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

Reference No.....

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge. | Direction from gauge. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| | | | | | | | | |

BRITISH RAINFALL ORGANIZATION

Station No. 5138RAINFALL at Edinburgh (Blackford Hill)

51

County of MidlothianObserver The Astronomer RoyalRiver Basin S - Almond & Cfor ScotlandType of Gauge SnowdonAnnual Average 26.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S.I. 232
27.53 1916-1950 1916-1950 P A.W.S.
File No.

| Diameter ... | 8" | | | | 900 | 093 | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ... | 1' 0" | ? | | | | 3 | | | | | |
| Altitude ... | 441' | | | | | 51 | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 2.59 | 2.45 | 0.32 | 2.24 | 1.82 | 1.44 | 2.97 | 1.37 | 0.90 | 2.54 | |
| February ... | 1.93 | .47 | .72 | 1.54 | 1.43 | 1.86 | 2.31 | 1.65 | .53 | 1.93 | |
| March ... | 2.58 | .95 | .42 | 1.26 | 1.51 | 1.07 | 1.52 | 1.97 | .39 | 1.17 | |
| April ... | 2.58 | 1.50 | 2.02 | 1.22 | .44 | .65 | .61 | 1.38 | 1.87 | .80 | |
| May ... | 3.04 | 1.70 | 1.79 | 4.49 | 2.11 | .57 | 1.55 | 1.97 | .41 | 1.37 | |
| June ... | 1.41 | 2.43 | 1.50 | 2.29 | .74 | 2.29 | 1.17 | 3.30 | 1.99 | 1.04 | |
| July ... | 3.50 | 2.23 | 4.60 | 1.69 | 1.56 | 5.21 | 4.83 | 6.47 | 2.45 | 2.47 | |
| August ... | 5.27 | 4.53 | 2.03 | 5.33 | 1.05 | 6.79 | 2.90 | 3.11 | .40 | 4.42 | |
| September ... | 0.88 | 1.88 | 2.64 | 3.44 | 1.21 | 3.83 | 1.53 | 2.29 | .47 | 1.22 | |
| October ... | .52 | 1.46 | 1.28 | 6.17 | 1.44 | 1.54 | 1.90 | .93 | 1.66 | 2.84 | |
| November ... | 4.23 | 2.07 | 3.06 | 2.84 | .75 | .65 | 2.28 | 1.08 | 4.45 | 2.09 | |
| December ... | 2.45 | 2.74 | 3.26 | 2.67 | 4.02 | 2.37 | 2.11 | 3.99 | 2.52 | 2.49 | |
| TOTALS ... | 30.98 | 24.41 | 23.64 | 35.15 | 18.08 | 28.17 | 25.68 | 29.51 | 18.04 | 24.38 | 258.04 |
| | D | D | D | D | D | D | D | D | D | D | |

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference NT(24)259.706

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|-------------------------------|----------------|--------------------------------|
| | | | | | | |

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|---------|---------|---------|---------|---------|
| | ✓ | ✓ | ✓ | ✓ | ✓ |
| | ✓ | ✓ | ✓ | ✓ | ✓ |