

RAINFALL at *Fentland Hills, Firhill Tank*

County of *Middlethian* Observer *Messrs. Leslie & Reid CE.*
 River Basin *Almond & C.- 5*

Rain Gauge, by

| | | | | | | | | | | |
|--------------|------|------|-------|-------|-------|------|-------|-------|-------|--------|
| Diameter ... | | | 5 | | | | | | | |
| Height | | | 0 6 | | | | | | | |
| Altitude ... | | | 412 | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | MEANS. |
| January ... | 1.49 | 2.34 | 2.26 | 1.88 | 2.74 | 2.17 | 2.95 | 2.47 | | |
| February ... | 1.87 | 1.24 | 2.24 | 2.43 | 3.71 | .77 | 2.30 | 2.24 | | |
| March | 2.00 | 3.74 | 3.71 | 1.54 | 3.97 | 1.41 | .69 | 1.92 | | |
| April | .18 | 2.22 | 1.47 | 1.38 | 2.99 | 1.96 | .82 | 2.90 | | |
| May | 1.33 | 1.37 | 1.83 | 1.63 | 4.34 | 1.76 | 3.26 | .72 | | |
| June..... | 4.31 | 1.55 | 1.10 | 1.85 | 3.07 | 1.69 | .48 | 1.70 | | |
| July | 1.93 | .47 | 2.76 | 3.37 | 5.82 | 1.40 | 3.73 | .67 | | |
| August | 4.90 | 1.51 | 1.78 | 5.02 | 4.28 | 4.69 | 1.51 | 1.55 | | |
| September .. | 2.92 | 2.44 | .60 | 3.66 | 1.68 | 1.14 | 4.67 | 3.25 | | |
| October ... | 2.89 | 2.06 | 1.58 | 2.65 | 6.49 | 3.13 | 3.28 | 2.94 | | |
| November .. | 1.86 | 1.94 | 3.06 | 1.35 | 4.02 | 2.24 | 1.62 | 5.86 | | |
| December... | 3.04 | 1.91 | 5.30 | 5.91 | 3.09 | 1.85 | 1.90 | 3.68 | | |
| TOTALS ... | | | 28.72 | 22.79 | 27.72 | 32.6 | 45.20 | 24.21 | 27.21 | 28.30 |

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| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
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RAINFALL at ~~Pentland Hills (Fiddich Farm)~~

County of Middlesex

Observer allmers. Leslie & Reid. 65.

River Basin 5 Alvarado C.

Rain Gauge, by

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 0.6 | | | | | | | | | | |
| Altitude ... | 412 | 555 | 412 | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. |
| January ... | 2.86 | 4.61 | 1.86 | 1.61 | 2.04 | 2.58 | 2.80 | 2.29 | 5.25 | .89 | 3.15 |
| February ... | 2.59 | 6.60 | 2.19 | 3.11 | 1.74 | 3.44 | 3.13 | 1.08 | 2.01 | .94 | .55 |
| March | 2.42 | 2.33 | 1.69 | 7.8 | 1.22 | 2.37 | 1.43 | 2.09 | 1.76 | .19 | 2.02 |
| April..... | 2.22 | .72 | 1.82 | 2.74 | 1.27 | 3.52 | 1.66 | 1.47 | .61 | 1.82 | 1.13 |
| May | 2.59 | 1.59 | .83 | 1.93 | 4.84 | 4.53 | 2.86 | 1.80 | 1.42 | 1.61 | 1.04 |
| June | 1.20 | .43 | 2.08 | 1.13 | 2.18 | .43 | 3.12 | 3.14 | 5.27 | 2.57 | 1.74 |
| July | 4.30 | 2.45 | 3.67 | 2.49 | 3.98 | 1.59 | 2.44 | 2.18 | 2.09 | 2.65 | 3.31 |
| August | 5.61 | 4.18 | 1.51 | 4.36 | 2.51 | 3.37 | 2.24 | 7.32 | 4.49 | 4.45 | 5.26 |
| September... | 1.51 | 1.49 | 2.07 | 1.71 | 3.02 | 4.45 | 3.68 | 8.01 | 2.31 | .83 | 4.85 |
| October.... | 1.14 | 4.18 | 1.67 | 1.89 | 3.59 | 1.94 | 3.89 | 3.63 | 3.26 | 3.08 | 2.90 |
| November... | 1.88 | 1.20 | 1.26 | 2.82 | 1.20 | .70 | 3.67 | 1.54 | 2.75 | 3.37 | 3.96 |
| December... | 2.73 | 2.83 | 3.17 | 2.60 | 3.46 | 3.62 | .54 | 1.73 | 2.25 | 4.14 | 1.95 |
| TOTALS... | 30.65 | 26.61 | 23.82 | 27.47 | 30.35 | 32.54 | 31.46 | 36.28 | 33.27 | 35.54 | 31.86 |

Site inspected by Dr. Glasopole 17.9.29.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map _____

Reference No.

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

RAINFALL at Colinton (Forth Tank)

County of Middlesex

Mesozoic Seafloor Record, G.E.,

River Basin. 5-Almond & C.

Edinburgh Water Engineers (1937)

Type of Gauge...No. 9...

Annual Average 29.0 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref. 8
longitude longitude X 1/36

| Diameter | 5" | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 0' 6" | | | | | | | | | | |
| Altitude | 412' | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 2.17 | 3.37 | 2.96 | 2.16 | 1.24 | 3.53 | 1.83 | 3.37 | 3.55 | 1.16 | 2.33 |
| February | 1.73 | .26 | 1.56 | .06 | 1.61 | 2.32 | 2.98 | .65 | 1.61 | .93 | 1.34 |
| March | 1.33 | 2.32 | 1.27 | 2.96 | .91 | 1.89 | 2.18 | .69 | 2.77 | 2.62 | 1.90 |
| April | 1.86 | 2.66 | 2.23 | 4.93 | 2.91 | 1.32 | 1.17 | .14 | 1.51 | 2.00 | 20.73 |
| May | 2.57 | 3.65 | 1.77 | 1.27 | .86 | .60 | 2.63 | 2.93 | .86 | 1.65 | 18.79 |
| June | 4.64 | 1.03 | 1.91 | 2.83 | 2.42 | 1.05 | 1.00 | 2.46 | 1.09 | .40 | 18.83 |
| July | 3.52 | 1.69 | 5.26 | 3.01 | .61 | 3.44 | 4.21 | 2.34 | 1.84 | 7.54 | 33.46 |
| August | 5.61 | .39 | .76 | 3.75 | 2.45 | 1.03 | 4.53 | 1.12 | 1.20 | .72 | 21.56 |
| September | 2.03 | 2.81 | 2.19 | 1.77 | 3.01 | 2.79 | 1.59 | 1.82 | 1.34 | 1.93 | 21.28 |
| October | 1.24 | 6.96 | 2.40 | 3.40 | 5.61 | 1.13 | 4.19 | 4.14 | 2.05 | 2.33 | 32.45 |
| November | 4.72 | 1.74 | 1.73 | 1.08 | 3.41 | 2.11 | .25 | 3.99 | 3.00 | 3.49 | 26.82 |
| December | 1.21 | 5.52 | .89 | 3.59 | 1.08 | 1.81 | 2.66 | 2.29 | .90 | 2.04 | 21.89 |
| TOTALS | 32.63 | 31.40 | 24.93 | 30.80 | 26.13 | 23.02 | 29.22 | 25.94 | 21.72 | 27.11 | 32.87 |

1935 Total Considered Low

1936 Conasa Butte 3 ft. high 11 yds. E

Ventilatör 18" .. 6 .. N.S.

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

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|------------------------|-----------|----------------|------------------------|-----------|
| 1936 | | | Craigforthart | 1 mi. | N.E. | Craigforthart | 1000 yds. | NVV. |

Station No. 5736

RAINFALL at Colinton (Finkill Tank) 41

County of Midlothian Observer Edinburgh Water Engineer

River Basin 5-Almond & C.

Type of Gauge 11

Annual Average 29.2 in. based on 21 years obs. un-weighted. Period of average 1881 - 1915 Ref. Survey

File No.

| Diameter | 5" | | | 999 | 906 | | | | | | |
|-----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 0' 10" | | | | 1 | | | | | | |
| Altitude | 412' | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 1.92 | 3.21 | 8.30 | 1.63 | 3.43 | 2.30 | 2.73 | 5.70 | 2.28 | 1.42 | 26.92 |
| February | 3.06 | 1.53 | 1.24 | 98 | 3.27 | 1.66 | 1.69 | 2.32 | 1.83 | 2.99 | 20.57 |
| March | 2.59 | 1.13 | 1.50 | .55 | 1.15 | 1.76 | 4.12 | 1.26 | .87 | 2.41 | 17.34 |
| April | 1.29 | 1.41 | .93 | 1.72 | 1.25 | .45 | 3.52 | 1.81 | 1.45 | 2.42 | 16.25 |
| May | 2.85 | 1.68 | 2.86 | 2.34 | 3.72 | 2.21 | 3.41 | 2.61 | 2.53 | 2.29 | 26.90 |
| June | 0.72 | .96 | 1.69 | 2.40 | 1.44 | 2.18 | 2.57 | 4.49 | 1.29 | 1.66 | 19.40 |
| July | 2.68 | 2.58 | 1.47 | 2.62 | 2.87 | 3.10 | 3.32 | 3.26 | 2.84 | 3.98 | 28.72 |
| August | 2.96 | 2.12 | 3.15 | 3.13 | 3.19 | 3.78 | .21 | 10.27 | 2.87 | 2.91 | 34.69 |
| September | .84 | 2.58 | 1.25 | 4.82 | 3.66 | 3.17 | 1.36 | 2.97 | 1.71 | 5.25 | 27.61 |
| October | 3.05 | 2.31 | 3.06 | 2.96 | 4.08 | .95 | 1.37 | 1.44 | 5.22 | 2.15 | 26.59 |
| November | 1.87 | .58 | .76 | 5.23 | .52 | 3.75 | 3.18 | 2.67 | 3.31 | 3.95 | 25.88 |
| December | .90 | 1.25 | .80 | 1.92 | 2.36 | 2.09 | 2.30 | 2.94 | 4.29 | 1.95 | 20.80 |
| TOTALS | 24.73 | 21.34 | 21.41 | 30.36 | 30.94 | 27.40 | 29.78 | 41.74 | 30.19 | 33.38 | 29127 |
| | D | D | D | D | D | D | D | D | D | D | |

Halt Point with gauge. To be inspected by me.

big? n.s. 135

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

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

BRITISH RAINFALL ORGANIZATION

Station No. 5136

RAINFALL at Colinton (Firhill Tank)

51

County of Midlothian

Observer Edinburgh Water Engineer,

River Basin 5-Almond & C

Type of Gauge M.O.

Annual Average 29.5 in. based on 21 years obs. w/w weighted. Period of average 1881-1915 Ref Survey.
 " 29.39 " " 43 " within 1916-38. " " " 1916-50 " 8. File No.

| Diameter ... | 5" | | | | 899 | 806 | | | | | |
|--------------|----------|-------|-------|-------|-------|------|-------|-------|-------|--------|-------|
| Height ... | 5 ft 10" | | | | | | 1 | | | | |
| Altitude ... | 412' | | | | | | 51 | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 3.06 | 2.38 | 0.41 | 2.38 | 1.97 | 1.55 | 3.20 | 1.54 | 1.02 | 2.78 | |
| February | 2.60 | .49 | .81 | 1.90 | 1.68 | 1.96 | 3.15 | 2.22 | .48 | 2.37 | |
| March | 3.39 | 1.23 | .38 | 1.69 | 1.87 | 1.22 | 1.88 | 2.59 | .63 | 1.14 | |
| April | 2.52 | 1.62 | 2.81 | 1.54 | .43 | .72 | .70 | 2.07 | 2.01 | .88 | |
| May | 3.87 | 1.96 | 1.98 | 4.62 | 2.37 | .69 | 2.05 | 2.35 | .71 | 1.55 | |
| June | 1.91 | 2.46 | 1.66 | 2.24 | .87 | 2.23 | 1.30 | 3.91 | 1.69 | .97 | |
| July | 3.92 | 1.96 | 3.85 | 1.77 | 1.76 | 5.91 | 5.10 | 6.91 | 2.54 | 2.66 | |
| August | 5.66 | 4.51 | 1.97 | 5.61 | 1.08 | 6.26 | 3.22 | 3.33 | .29 | 4.72 | |
| September | 0.90 | 2.14 | 3.37 | 3.03 | 1.12 | 4.36 | 1.74 | 3.31 | .53 | 1.51 | |
| October | .63 | 1.92 | 1.54 | 7.07 | 1.63 | 1.66 | 1.92 | 1.12 | 1.99 | 3.69 | |
| November | 5.27 | 2.63 | 3.52 | 3.26 | 1.00 | .81 | 2.28 | 1.13 | 5.08 | 2.92 | |
| December | 2.80 | 2.56 | 3.50 | 3.04 | 4.40 | 2.61 | 2.58 | 4.92 | 3.25 | 2.61 | |
| TOTALS | 36.53 | 25.76 | 25.80 | 37.95 | 20.18 | 29.8 | 28.80 | 35.40 | 20.22 | 27.80. | |
| | D | D | D | D | D | D | D | D | D | D | |

1958 rather high but accept.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NT(36) 226699

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

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|--|----------------|---------|---------|---------|---------|
| | | C 1912 | / | / | / | / |
| | | - (st D 15-19) | / | / | / | |