

RAINFALL AT Colinton Bonally

70

Lat.....

Long.....

County of...Edinburgh...

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

Observer...W. H. Cameron Esq

Almond + c - 5.

| | | | | | | | | | | | | |
|----------------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter..... | | | | | | | | | | | | |
| Height..... | | | | | | | | | | | | |
| Altitude..... | | | | | | | | | | | | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. | |
| January..... | | | | | 2.90 | 5.00 | 1.90 | 8.00 | 3.90 | 1.00 | | |
| February..... | | | | | 1.20 | 1.90 | 4.10 | 3.30 | 1.50 | 2.40 | | |
| March..... | | | | | 2.00 | 1.80 | 4.90 | 2.00 | 1.10 | 3.40 | | |
| April..... | | | | | 2.00 | 1.00 | 4.00 | 3.70 | 1.50 | 2.90 | | |
| May..... | | | | | 1.80 | 1.60 | 1.30 | 3.10 | 4.20 | 2.75 | | |
| June..... | | | | | 1.40 | 2.60 | 3.20 | 3.30 | 2.00 | 6.10 | | |
| July..... | | | | | 2.30 | 3.80 | 1.90 | 5.70 | 7.0 | 9.00 | | |
| August..... | | | | | 5.80 | 2.10 | 4.30 | 10.40 | 6.20 | 3.90 | | |
| September..... | | | | | 3.30 | 4.00 | 4.50 | 2.00 | 4.60 | 1.95 | | |
| October..... | | | | | 4.80 | 3.60 | 3.30 | 3.80 | 3.30 | 2.00 | | |
| November..... | | | | | 4.90 | 5.80 | 3.90 | 3.60 | 4.00 | 2.60 | | |
| December..... | | | | | 4.00 | 2.90 | 9.80 | 2.50 | 3.30 | 2.75 | | |
| TOTALS..... | | | | | 36.40 | 36.10 | 47.10 | 51.40 | 36.30 | 40.75 | | |

RAINFALL AT *Pentland Hills Harbour Hill*

Lat.

Lon.

 County of *Edinburgh*

Rain Gauge, by

 Observer *W. H. Cameron, Esq.*
Almond rc - 5.

| | | | | | | | | | | | |
|---------------|------|--------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|-------------|--------|
| Diameter | | <i>11</i> | | | | | | | | | |
| Height | | <i>0.6</i> | | | | | | | | | |
| Altitude | | <i>1112</i> | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | | <i>1.90</i> | <i>3.20</i> | <i>5.10</i> | <i>6.20</i> | <i>3.00</i> | <i>5.50</i> | <i>3.00</i> | <i>1.85</i> | <i>1.30</i> | |
| February | | <i>3.40</i> | <i>3.00</i> | <i>2.00</i> | <i>2.80</i> | <i>3.10</i> | <i>1.70</i> | <i>2.00</i> | <i>1.90</i> | <i>2.20</i> | |
| March | | <i>3.60</i> | <i>4.50</i> | <i>1.50</i> | <i>2.10</i> | <i>2.30</i> | <i>3.00</i> | <i>2.10</i> | <i>6.20</i> | <i>1.50</i> | |
| April | | <i>2.55</i> | <i>2.95</i> | <i>1.50</i> | <i>1.50</i> | <i>2.60</i> | <i>2.00</i> | <i>1.40</i> | <i>1.50</i> | <i>2.40</i> | |
| May | | <i>1.00</i> | <i>3.20</i> | <i>1.60</i> | <i>3.00</i> | <i>3.50</i> | <i>4.75</i> | <i>2.00</i> | <i>1.30</i> | | |
| June | | <i>2.00</i> | <i>4.00</i> | <i>2.00</i> | <i>.90</i> | <i>.70</i> | <i>1.50</i> | <i>.50</i> | <i>3.50</i> | <i>1.30</i> | |
| July | | <i>4.50</i> | <i>4.50</i> | <i>4.50</i> | <i>7.00</i> | <i>1.00</i> | <i>3.15</i> | <i>3.25</i> | <i>6.30</i> | <i>5.20</i> | |
| August | | <i>6.40</i> | <i>2.00</i> | <i>2.80</i> | <i>1.70</i> | <i>3.00</i> | | <i>2.50</i> | <i>3.00</i> | <i>6.20</i> | |
| September ... | | <i>4.10</i> | <i>2.90</i> | <i>3.50</i> | <i>3.30</i> | <i>3.80</i> | <i>3.55</i> | <i>5.55</i> | <i>.80</i> | <i>1.40</i> | |
| October | | <i>2.50</i> | <i>3.30</i> | <i>3.00</i> | <i>2.05</i> | <i>2.55</i> | <i>5.75</i> | <i>2.50</i> | <i>1.70</i> | <i>4.20</i> | |
| November ... | | <i>4.10</i> | <i>4.00</i> | <i>4.10</i> | <i>2.00</i> | <i>1.70</i> | <i>2.70</i> | <i>4.60</i> | <i>6.55</i> | <i>1.00</i> | |
| December | | <i>3.00</i> | <i>6.00</i> | <i>2.00</i> | <i>5.00</i> | <i>2.40</i> | <i>4.70</i> | <i>2.30</i> | <i>2.50</i> | <i>2.20</i> | |
| TOTALS | | <i>39.05</i> | <i>45.55</i> | <i>33.60</i> | <i>37.55</i> | <i>29.65</i> | | <i>31.70</i> | <i>37.10</i> | | |

1886 August Gauge out of order

1889 May Gauge maliciously emptied

RAINFALL AT *Pentland Hills Harbour Hill*

Lat. _____ Lon. _____ County of *Edinburgh*
 Rain Gauge, by _____ Observer *W Anderson Esq*

Almona &c - 5.

| | | | | | | | | | | | |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Diameter | <i>11</i> | | | | | | | | | | |
| Height | <i>0 6</i> | | | | | | | | | | |
| Altitude | <i>1112</i> | | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | <i>9.25</i> | <i>1.30</i> | <i>2.00</i> | <i>1.22</i> | <i>4.70</i> | <i>2.22</i> | <i>2.20</i> | <i>1.20</i> | <i>2.00</i> | <i>6.09</i> | |
| February | <i>.80</i> | <i>.60</i> | <i>2.73</i> | <i>3.30</i> | <i>11.22</i> | <i>1.10</i> | <i>1.84</i> | <i>3.30</i> | <i>3.30</i> | <i>2.50</i> | |
| March | <i>2.50</i> | <i>2.50</i> | <i>1.90</i> | <i>2.00</i> | <i>4.10</i> | <i>14.00</i> | <i>3.47</i> | <i>5.20</i> | <i>1.70</i> | <i>4.00</i> | |
| April | <i>1.20</i> | <i>1.00</i> | <i>.70</i> | <i>1.70</i> | <i>2.00</i> | <i>2.00</i> | <i>2.14</i> | <i>2.50</i> | <i>3.40</i> | <i>5.10</i> | |
| May | <i>2.10</i> | <i>2.40</i> | <i>2.72</i> | <i>2.00</i> | <i>4.90</i> | <i>1.10</i> | <i>.90</i> | <i>2.70</i> | <i>2.12</i> | <i>4.80</i> | |
| June | <i>3.70</i> | <i>1.80</i> | <i>3.39</i> | <i>5.12</i> | <i>3.20</i> | <i>2.85</i> | <i>4.15</i> | <i>5.20</i> | <i>2.60</i> | <i>1.78</i> | |
| July | <i>2.95</i> | <i>3.37</i> | <i>1.90</i> | <i>3.29</i> | <i>3.00</i> | <i>4.20</i> | <i>5.80</i> | <i>2.48</i> | <i>2.00</i> | <i>5.12</i> | |
| August | <i>4.90</i> | <i>6.90</i> | <i>4.53</i> | <i>4.60</i> | <i>5.60</i> | <i>6.20</i> | <i>2.10</i> | <i>3.40</i> | <i>4.40</i> | <i>.90</i> | |
| September.... | <i>1.90</i> | <i>7.30</i> | <i>2.61</i> | <i>2.42</i> | <i>.80</i> | <i>1.80</i> | <i>6.00</i> | <i>3.00</i> | <i>3.97</i> | <i>5.20</i> | |
| October | <i>3.10</i> | <i>2.50</i> | <i>4.92</i> | <i>4.70</i> | <i>2.90</i> | <i>4.61</i> | <i>5.30</i> | <i>1.74</i> | <i>5.50</i> | <i>4.30</i> | |
| November.... | <i>6.65</i> | <i>2.51</i> | <i>2.02</i> | <i>2.61</i> | <i>2.80</i> | <i>4.60</i> | <i>1.38</i> | <i>3.40</i> | <i>7.40</i> | <i>5.00</i> | |
| December | <i>1.55</i> | <i>7.50</i> | <i>3.41</i> | <i>4.02</i> | <i>3.70</i> | <i>4.37</i> | <i>6.28</i> | <i>7.00</i> | <i>6.50</i> | <i>3.30</i> | |
| TOTALS | <i>40.60</i> | <i>60.58</i> | <i>32.83</i> | <i>36.98</i> | <i>48.92</i> | <i>49.05</i> | <i>41.56</i> | <i>41.12</i> | <i>44.89</i> | <i>48.09</i> | <i>42.312</i> |

1891 April gauge tampered with. estimated

" Sep. corr. by original 29.11.10

RAINFALL AT

Pentlands Hills Harbour Hill

Lat.

Lon.

County of

Edinburgh

Rain Gauge, by

Observer

W. Anderson Esq.

Almond + C - 5.

Messrs. Leslie & Reid Esq. (1899)

| | | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----|
| Diameter .. | 11 | | | | | | | | | | | |
| Height | 0 6 | | | | | | | | | | | |
| Altitude .. | 1112 | | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. | |
| January .. | 5.20 | 1.90 | 2.22 | 6.30 | 6.02 | 2.28 | 5.60 | 2.00 | 4.30 | 3.50 | 3.93 | 21 |
| February .. | 3.10 | 2.30 | 1.30 | 9.42 | 4.10 | 2.50 | 1.70 | 2.10 | 1.50 | 2.30 | 3.03 | 21 |
| March | 1.61 | 3.80 | 1.98 | 9.40 | 1.60 | 4.08 | 3.00 | 3.00 | 4.80 | 4.50 | 3.77 | 77 |
| April | 3.50 | 3.25 | 1.90 | 1.80 | 3.70 | 2.10 | 1.50 | 1.90 | 2.80 | 3.20 | 3.56 | 5 |
| May | 2.40 | 3.70 | 6.00 | 2.74 | 4.62 | 2.22 | 6.30 | 4.00 | 2.40 | 2.00 | 3.63 | 8 |
| June | 4.50 | 2.50 | 2.75 | 2.00 | 3.30 | 1.10 | 2.40 | 3.00 | 1.45 | 3.50 | 3.65 | 0 |
| July | 4.10 | 1.30 | 3.50 | 4.90 | 2.50 | 1.90 | 2.30 | 3.30 | 4.20 | 4.50 | 3.26 | 0 |
| August | 5.80 | 4.50 | 2.00 | 4.50 | 5.80 | 4.50 | 6.60 | 4.80 | 3.00 | 2.52 | 4.40 | 2 |
| September .. | 4.12 | 2.50 | 2.90 | 2.90 | 2.80 | 3.00 | 1.00 | 1.55 | 3.65 | 3.10 | 2.75 | 2 |
| October | 5.63 | 2.50 | 3.68 | 7.75 | 1.30 | 2.90 | 7.10 | 11.50 | 1.50 | 6.33 | 5.01 | 9 |
| November .. | 8.20 | 4.50 | 1.32 | 2.30 | 2.00 | 4.20 | 5.50 | 1.62 | 2.50 | 1.20 | 3.33 | 4 |
| December .. | 9.70 | 3.70 | 4.20 | 3.00 | 6.70 | 2.10 | 1.90 | 4.50 | 1.10 | 4.40 | 4.13 | 0 |
| TOTALS .. | 57.86 | 36.45 | 33.75 | 57.01 | 44.44 | 32.88 | 44.90 | 43.27 | 33.30 | 41.05 | 42.41 | 444 |

W.S.

RAINFALL at Pentland Hills, { = Bonally Reservoir } Harbour Hill.

10 513

County of Midlothian Observer Messrs Leslie & Reid G.S.
 River Basin Almond & C. 5
Left of Forth - Rt. bank - 3.

Rain Gauge, by _____

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ... | 11 | | | | | | | | | | |
| Height | 0 6 | | | | | | | | | | |
| Altitude ... | 1112 | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 5.00 | 2.50 | 1.60 | 2.60 | 2.60 | 2.32 | 3.00 | 2.50 | 2.12 | 2.80 | 2704 |
| February ... | 4.50 | 3.50 | 2.60 | 3.10 | 3.50 | 2.20 | 3.50 | 1.00 | 4.50 | 1.60 | 3000 |
| March | 1.60 | 1.70 | 3.40 | 5.90 | 4.10 | 1.70 | 6.70 | 1.50 | 1.00 | 2.00 | 2960 |
| April | 4.55 | 2.70 | .80 | 2.55 | 2.30 | 1.80 | 5.30 | 2.50 | 1.00 | 3.90 | 2740 |
| May | 2.30 | 1.70 | 1.50 | 1.80 | 2.70 | 1.40 | 3.90 | 1.50 | 2.50 | 1.00 | 2030 |
| June | 1.80 | 3.70 | 5.30 | 2.10 | 1.60 | 1.90 | 5.16 | 2.50 | 1.10 | 2.10 | 2726 |
| July | 4.80 | 1.50 | 2.00 | .50 | 4.40 | 3.80 | 5.00 | 1.90 | 3.90 | 1.30 | 2910 |
| August | 5.80 | 1.50 | 5.20 | 1.40 | 2.00 | 3.70 | 4.60 | 5.50 | 2.30 | 2.10 | 3410 |
| September .. | 1.10 | 2.30 | 4.10 | 2.60 | 1.00 | 3.00 | 2.00 | 2.20 | 4.40 | 3.70 | 2640 |
| October ... | 3.70 | 4.50 | 4.50 | 2.30 | 1.70 | 2.60 | 5.80 | 4.10 | 5.40 | 2.00 | 3660 |
| November .. | 3.30 | 8.00 | 3.10 | 3.30 | 4.00 | 1.40 | 4.30 | 4.60 | 2.89 | 6.10 | 4099 |
| December ... | 2.40 | 4.00 | 6.50 | 2.50 | 4.50 | 5.10 | 3.80 | 2.20 | 1.60 | 4.98 | 3758 |
| TOTALS ... | 40.85 | 37.60 | 40.60 | 30.65 | 34.40 | 30.92 | 53.06 | 32.00 | 32.71 | 33.58 | 36637 |

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

RAINFALL at Portland Hills (Borralley) M.County of Midlothian Observer W. P. L. & R. C. E.River Basin 5 Mm. to

Rain Gauge, by _____

Monthly.

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Diameter ... | 11 | | | | | | | | | | |
| Height | 0.6 | | | | | | | | | | |
| Altitude ... | 1112 | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. |
| January ... | 3.80 | 1.50 | 2.10 | 3.10 | 2.50 | 3.00 | 4.30 | 4.20 | 8.20 | 1.00 | 4.60 |
| February ... | 2.98 | .50 | 2.60 | 2.60 | .90 | 4.30 | 3.60 | 1.60 | 4.10 | .90 | .30 |
| March | 2.40 | 1.70 | 1.60 | 1.30 | .90 | 1.90 | 2.60 | 3.40 | 1.80 | .60 | 2.90 |
| April | 2.50 | .60 | 1.30 | 1.50 | 1.20 | 4.80 | 1.80 | 2.30 | .85 | 1.70 | .40 |
| May | 2.40 | 1.70 | 1.60 | 2.60 | 4.50 | 5.30 | 3.40 | 2.15 | 1.30 | 1.80 | 1.50 |
| June | 1.20 | .80 | 2.40 | 1.70 | 2.20 | .70 | 4.40 | 3.90 | 4.50 | 2.10 | 2.60 |
| July | 2.60 | 2.40 | 4.90 | 4.60 | 5.10 | 1.50 | 3.40 | 2.70 | 2.00 | 2.60 | 3.80 |
| August | 7.00 | 3.80 | 1.70 | 4.90 | 3.70 | 3.60 | 2.80 | 6.60 | 5.00 | 5.40 | 6.10 |
| September... | 1.60 | 2.10 | 2.20 | 2.90 | 3.70 | 4.40 | 4.30 | 10.65 | 2.80 | .80 | 4.30 |
| October | 1.00 | 3.10 | 2.40 | 4.10 | 3.77 | 2.80 | 3.40 | 4.90 | 3.60 | 3.40 | 4.00 |
| November... | 2.33 | 1.00 | 2.10 | 4.10 | 1.70 | 1.10 | 4.70 | 3.30 | 3.90 | 5.40 | 4.20 |
| December... | 1.93 | 4.60 | 4.00 | 3.00 | 5.50 | 3.80 | 1.20 | 1.80 | 2.55 | 5.30 | 2.30 |
| TOTALS... | 35.48 | 23.50 | 28.90 | 36.40 | 35.67 | 37.20 | 39.90 | 47.50 | 40.60 | 30.80 | 37.00 |

Site inspected by R. Glasford 17.9.27.

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| | | | | | | | | |

RAINFALL at Portland Hill (Bonaly Barron)County of MiddlesexObserver Frederic Sealby & Reid, C.E.River Basin 5- Almond & C.Edinburgh Water Engineer (1937)Type of Gauge Standard

33.9

Annual Average 25.0 in. based on 50 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. No 445
Overlap using Winton (1881-1900), additional 2 Gladstone Res. London 1915

| | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Diameter | 11" | | | | | | | | | | |
| Height | 0' 6" | | | | | 0' 8" | | | | | |
| Altitude | 1112' | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 2.50 | 6.00 | 4.40 | 4.00 | 1.85 | 4.15 | 3.45 | 5.00 | 4.10 | (1.20) | 36.65 |
| February | 2.50 | 4.0 | 1.50 | 2.9 | 3.20 | 2.65 | 3.40 | 1.45 | 2.0 | (1.20) | 16.89 |
| March | 1.10 | 3.20 | 1.20 | 3.10 | 1.45 | 1.50 | 2.90 | 2.05 | 2.87 | 2.60 | 21.97 |
| April | 2.20 | 4.00 | 2.50 | 3.70 | 3.70 | 1.20 | 1.45 | 1.30 | 1.85 | 2.40 | 23.30 |
| May | 3.30 | 4.30 | 2.20 | 1.70 | .95 | .90 | 3.25 | 3.50 | 1.20 | 2.20 | 23.50 |
| June | 4.20 | 1.50 | 2.30 | 2.70 | 2.50 | 1.50 | 1.50 | 4.40 | 2.00 | 1.05 | 23.65 |
| July | 2.50 | 2.80 | 5.10 | 2.55 | 1.20 | 6.20 | 5.50 | 3.20 | 2.75 | 9.25 | 41.05 |
| August | 5.50 | 1.10 | 1.50 | 3.70 | 2.80 | 1.60 | 4.10 | 2.15 | 1.25 | 1.20 | 34.90 |
| September | 1.60 | 3.70 | 2.40 | 2.60 | 4.00 | 3.00 | 2.50 | 3.00 | 2.00 | 3.10 | 27.90 |
| October | 2.50 | 6.65 | 2.90 | 4.10 | 7.75 | 3.00 | 3.70 | 5.65 | 2.75 | 3.20 | 42.20 |
| November | 5.05 | 2.50 | 1.30 | 1.80 | 4.80 | 2.70 | .40 | 5.90 | 5.15 | 5.30 | 34.90 |
| December | 2.20 | 7.80 | 1.10 | 4.85 | 1.35 | 3.90 | 1.95 | 2.25 | 1.70 | 2.55 | 29.65 |
| TOTALS | 35.15 | 43.95 | 28.40 | 35.09 | 35.55 | 32.30 | 34.10 | 38.85 | 27.82 | 35.35 | 346.56 |

1936. Walls 5 ft. high 60 yds. S. & W.

1940 Jan. & Feb. apportioned.

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 | | | Colinton | 3 mi. | N. | Colinton | 2 mi. | N. |

Station No.

5131

RAINFALL at Pentland Hills (Bonaly Res.)

41

County of Midlothian

Observer

Edinburgh Water Engineer.River Basin 5 - Almond & C.Type of Gauge learned by Rd.Annual Average 33.9 in. based on years obs. un-weighted. Period of average 1881-1915 Ref P.B. No 445

File No.

| Diameter | 11" | | | | 9.00 | 0.43 | | | | | |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|
| Height | 0'8" | | | | | 1 | | | | | |
| Altitude | 1112' | | | | | 41 | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 1.95 | 3.25 | 2.85 | 3.50 | 3.90 | 3.50 | 2.75 | 5.50 | 3.25 | 1.60 | 3.205 |
| February | 2.35 | 1.60 | 2.10 | 1.70 | 3.50 | 2.00 | (1.70) | 4.10 | 3.50 | 4.40 | 2.695 |
| March | 3.15 | 1.50 | 1.70 | .50 | 2.15 | 1.42 | (5.00) | 2.50 | .93 | 3.30 | 2.215 |
| April | 1.55 | 1.65 | 1.15 | 2.10 | 1.50 | 1.00 | 5.30 | 2.20 | 2.50 | 3.85 | 2.280 |
| May | 3.40 | 2.05 | 3.45 | 2.30 | 4.75 | 1.85 | 2.45 | 2.50 | 2.70 | 1.85 | 2.730 |
| June | 0.95 | 1.40 | 2.30 | 3.20 | 2.20 | 2.30 | 2.80 | 5.10 | 1.30 | 1.50 | 2.305 |
| July | 3.70 | 3.10 | 2.80 | 3.05 | 3.25 | 4.10 | 2.95 | 2.90 | 1.65 | 3.65 | 3.115 |
| August | 3.70 | 2.95 | 4.50 | 2.30 | 4.00 | 4.40 | .30 | 10.13 | 3.75 | 4.00 | 4.063 |
| September | 1.10 | 3.50 | 2.30 | 5.58 | 4.00 | 4.90 | 2.25 | 3.30 | 2.75 | 6.40 | 3.608 |
| October | 3.75 | 4.10 | 4.15 | 3.15 | 3.86 | .87 | 1.50 | 2.25 | 4.48 | 3.60 | 3.171 |
| November | 2.30 | .90 | 1.35 | 7.00 | .62 | 4.50 | 5.00 | 3.50 | 4.36 | 4.27 | 3.380 |
| December | 1.35 | 2.65 | 1.50 | 2.75 | 2.40 | 3.50 | 2.30 | 3.60 | 6.00 | 1.80 | 2.785 |
| TOTALS | 29.25 M | 28.65 M | 30.15 M | 37.73 M | 36.13 M | 34.34 M | 34.30 M | 47.58 M | 37.17 M | 40.22 M | 35552 |

Wall 5' high boyds s.w.

30004

1947 Feb. obs. hav. adj. for snow 1948 np. big. To be inserted as soon as possible by up. obs.
 1949 pit with snow. Big. Possibility of interference.

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1941 | | | Colinton | 3ml | N. | Colinton | 3ml | N. |

BRITISH RAINFALL ORGANIZATION

Station No. 51.31

RAINFALL at Pentance Hills (Bandy Res)

51

County of Wiltshire

Observer Edmunds Water Engineer

River Basin S. Almond & C.

Type of Gauge measured by rod

Annual Average 33.4 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. P.O. No. 445
" " 36.36 " " 42 " " " 1916-50 " S.
" " " " " " " 1916-50 File No.

| Diameter ... | 11" | | | | 900 | 043 | | | | | | |
|---------------|---------|--------|-------|-------|-------|-------|--------|--------|-------|-------|-------|--|
| Height ... | 0' 8" | | | | | 1 | | | | | | |
| Altitude ... | 1112' | | | | | 51 | | | | 1250' | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means | |
| January ... | 2.95 | 1.30 | 1.10 | 3.75 | 2.00 | 1.90 | 5.40 | 2.60 | 1.85 | 3.50 | | |
| February ... | 2.30 | (.50) | 1.30 | 2.60 | 1.50 | 1.36 | 2.12 | (2.25) | 1.12 | 3.12 | | |
| March ... | 3.00 | (1.20) | .45 | 1.90 | 1.80 | 2.25 | 2.50 | 2.22 | .40 | 1.40 | | |
| April ... | 3.60 | 1.80 | 3.12 | 1.10 | 1.40 | 1.00 | 1.25 | (2.00) | 2.18 | 1.60 | | |
| May ... | 2.90 | 1.10 | 2.50 | 4.60 | 3.12 | 1.60 | 2.06 | 2.50 | .90 | 1.10 | | |
| June ... | 2.20 | 3.40 | 1.90 | 2.75 | 1.00 | 3.70 | 1.58 | 4.50 | 2.00 | 1.62 | | |
| July ... | 3.25 | 3.00 | 5.10 | 2.60 | 2.50 | 6.45 | (5.50) | 7.00 | 3.80 | 3.40 | | |
| August ... | 6.65 | 3.80 | 2.75 | 5.80 | 1.50 | 8.00 | (4.50) | 3.80 | .60 | 4.75 | | |
| September ... | (1.30) | 3.00 | 3.85 | 5.60 | 2.25 | 4.75 | 2.50 | 3.75 | .65 | 2.25 | | |
| October ... | 0.50 | 2.25 | 1.25 | 7.00 | 2.50 | 2.75 | 3.25 | 2.00 | 3.12 | 3.50 | | |
| November ... | (5.60) | 2.75 | 5.50 | 4.30 | 2.00 | 1.56 | 2.12 | 1.25 | 5.75 | 3.25 | | |
| December ... | (2.50) | 3.25 | 3.60 | 4.80 | 4.75 | 4.25 | 4.00 | 4.50 | 3.75 | 5.12 | | |
| TOTALS ... | (36.75) | 27.35 | 32.42 | 46.80 | 26.32 | 39.57 | 36.78 | 38.21 | 26.12 | 34.61 | | |
| | NP | M | n.p. | n.p. | n.p. | n.p. | n.p. | M | n.p. | n.p. | | |

1951. N.P. interfered with. * M.O. Edn. will arrange to inspect station - only check 50% of res.
 1952. print.
 1953. n.p. high.
 1954. n.p. big.
 1955. n.p. big.
 1956. n.p. big.
 1957. print.
 1958. n.p. on insp. rept.
 1960. n.p. on insp. rept.
 00134 20004

hs. 27.7.60. On steep east slope. Site unorthodox & far from ideal. Catch most unlikely to be representative. G. is poor. Move to sheltered hollows 50% w/ res. Initial new S.

00604 24004

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NI(36)207654

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

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|---------|---------|---------|-----------------|---------|
| | ✓ | ✓ | ✓ | ✓ n.p. + 8 7/10 | |

Station No. 5131

RAINFALL at Pentland Hills (Bonaly Reservoir)

51

County of Middlesex

Observer Edinburgh Water Engineer

River Basin S. Almond & C.

Type of Gauge

Annual Average 33.9 in. based on years obs. un-weighted. Period of average Ref.

File No. R91

| Diameter | 11" | | | | | | | | | | 11" | |
|-----------|--------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Height | 8" | | | | | | | | | | 12" | |
| Altitude | 1112' | | | | | | | | | | 1250' | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means | |
| January | 2.95 | 1.30 | 1.10 | 3.75 | 2.00 | 1.90 | 5.40 | 2.60 | 1.85 | 3.50 | 2635 | |
| February | 2.30 | (.50) | 1.30 | 2.60 | 1.50 | 1.36 | 2.12 | 2.25 | 1.12 | 3.12 | 1817 | |
| March | 3.00 | (1.20) | .45 | 1.90 | 1.80 | 2.25 | 2.50 | 2.12 | .40 | 1.40 | 1702 | |
| April | 3.60 | 1.80 | 3.12 | 1.10 | 1.40 | 1.00 | 1.25 | 2.00 | 2.18 | 1.60 | 1905 | |
| May | 2.90 | 1.10 | 2.50 | 4.60 | 3.12 | 1.60 | 2.06 | 2.50 | .90 | 1.10 | 2238 | |
| June | 2.20 | 3.40 | 1.90 | 2.75 | 1.00 | 3.70 | 1.58 | 4.50 | 2.00 | 1.62 | 2465 | |
| July | 3.25 | 3.00 | 5.10 | 2.60 | 2.60 | 6.45 | (5.50) | 7.00 | 3.80 | 3.40 | 4260 | |
| August | 6.65 | 3.80 | 2.75 | 5.80 | 1.50 | 8.00 | (4.50) | 3.80 | 0.60 | 4.45 | 4215 | |
| September | (1.30) | 3.00 | 3.85 | 5.60 | 2.25 | 4.75 | 2.50 | 3.75 | 0.65 | 2.25 | 2990 | |
| October | .50 | 2.25 | 1.25 | 7.00 | 2.50 | 2.75 | 3.25 | 2.00 | 3.12 | 3.50 | 2812 | |
| November | 3.60 | 2.75 | 5.50 | 4.30 | 2.00 | 1.56 | 2.12 | 1.25 | 5.75 | 3.25 | 3208 | |
| December | 1.80 | 3.25 | 3.60 | 4.80 | 4.76 | 4.25 | 4.00 | 4.50 | 3.75 | 5.12 | 3982 | |
| TOTALS | 34.05 | 27.35 | 32.42 | 44.80 | 26.32 | 39.57 | 36.78 | 38.27 | 26.12 | 34.61 | 34229 | |
| | M | M | M | M | M | M | M | M | M | M | | |

1953 n.p. high 1954 n.p. high

1955 n.p. high

1956 "

1957 n.p. big 1959 n.p. on high. Refs.

Included 27/7/60. Site badly over-exposed and liable to interference. Obscure pattern gauge in poor condition. Recommended install new gauge in sheltered hollow some 50 yds. W. of reservoir. Further details on form.

1960 n.p. on high. Refs.

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 36207654

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge. | Direction from gauge. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1944 | | | Colinton | 3m | N | Colinton | 3m | N |

Summary of Earlier Records from 10-year Sheets:

| Record B, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|---------|---------|---------|---------|---------|
| C1574 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | - | - | - | - | - |