

589325

RAINFALL AT Broughton in Furness Seathwaite 80 Vicerage

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer Rev. S. R. M. WalkerDuddon 61

| | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|-------|-------|--------|
| Diameter | | | | | | | | | | 5 | |
| Height | | | | | | | | | | 1.0 | |
| Altitude | | | | | | | | | | 350 T | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | | | | | | | | | | 5.92 | |
| February | | | | | | | | | | 4.86 | |
| March | | | | | | | | | | 6.13 | |
| April | | | | | | | | | | 4.41 | |
| May | | | | | | | | | | 5.09 | |
| June | | | | | | | | | | 1.38 | |
| July .. | | | | | | | | | | 4.49 | |
| August | | | | | | | | | | 9.41 | |
| September.... | | | | | | | | | | 5.84 | |
| October | | | | | | | | | 7.86 | 8.63 | |
| November.... | | | | | | | | | 12.27 | 5.46 | |
| December | | | | | | | | | 10.80 | 10.91 | |
| TOTALS | | | | | | | | | | 72.53 | |

Seathwaite Church 30 yards W

Trees all round not less than height

MET. O.S. RAINMASTER
RETROSPECTIVE SITE REVIEWM.O. SIN.
NUMBER 589325

NGR: SD(34) 229961

ALT: 350 ft = 107 metres, Date of review 4-1-1979

RAINFALL AT *Duddon Valley Seathwaite Vicarage*

Lat. _____

Lon. _____

County of *Lancashire*

Rain Gauge, by _____

Observer *Rev. J. R. M. Walker**Duddon 6.1*

| | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter | 5 | | | | | | | | | | | |
| Height | 1 0 | | | | | | | | | | | |
| Altitude | 330 T | 350 | | | 330 | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. | |
| January | 12.26 | 5.87 | 8.98 | 4.92 | 11.12 | 5.32 | 6.48 | 2.11 | 7.34 | 12.58 | 7.698 | |
| February | 1.61 | .79 | 3.28 | 13.04 | 10.97 | 1.53 | 6.47 | 5.71 | 7.03 | 5.77 | 5.620 | |
| March | 6.83 | 3.51 | 2.30 | 4.22 | 4.62 | 6.70 | 10.22 | 11.43 | 3.16 | 6.63 | 5.962 | |
| April | 2.94 | 4.93 | 2.53 | 1.21 | 2.54 | 4.91 | 3.36 | 4.87 | 6.84 | 8.36 | 4.249 | |
| May | 4.51 | 3.43 | 7.16 | 3.62 | 5.69 | .60 | .85 | 3.87 | 5.05 | 6.34 | 4.112 | |
| June | 7.66 | 2.94 | 4.37 | 3.07 | 4.63 | 1.59 | 4.74 | 7.64 | 5.83 | 2.59 | 4.506 | |
| July | 7.17 | 4.66 | 5.18 | 6.18 | 6.44 | 7.00 | 7.53 | 4.11 | 2.34 | 4.50 | 5.511 | |
| August | 7.37 | 16.39 | 8.79 | 8.58 | 8.05 | 8.85 | 5.49 | 12.91 | 12.36 | 2.81 | 9.160 | |
| September... | 10.44 | 10.24 | 12.66 | 8.22 | .26 | 2.43 | 11.10 | 7.62 | 5.51 | 8.98 | 7.746 | |
| October..... | 6.87 | 10.35 | 9.90 | 10.59 | 8.91 | 7.86 | 8.46 | 5.14 | 9.00 | 5.81 | 8.289 | |
| November... | 17.06 | 9.51 | 8.37 | 5.93 | 12.53 | 6.57 | 3.06 | 12.07 | 10.08 | 10.70 | 9.588 | |
| December... | .93 | 15.85 | 7.47 | 10.59 | 10.15 | 8.38 | 11.07 | 14.13 | 11.94 | 8.15 | 9.866 | |
| TOTALS . . . | 85.65 | 88.47 | 80.99 | 80.17 | 85.91 | 61.74 | 78.83 | 91.61 | 86.48 | 83.22 | 12.307 | |

1890 Seathwaite church ⁵⁰ yards N.W.

Trees 20 to 40 ft high } more than their height

Rocks 60 " } all round

MET. O.S. RAINMASTER
RETROSPECTIVE SITE REVIEW.STATION
NUMBER 589325

NGR: SD(34) 229961

ALT: 350 ft = 107 metres. Date of review 4-1-1979

RAINFALL AT Duddon Valley Seathwaite Viaduct

Lat.

Lon.

County of Lancashire North

Rain Gauge, by

Observer Rev S R M Walker
Rev J B DitchfieldDuddon 1

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 5 | | | | | | | | | | |
| Height | 1.0 | | | | | | | | | | |
| Altitude .. | 330 T | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 10.87 | 5.43 | 7.06 | 9.35 | 10.65 | 4.15 | 9.66 | 3.72 | 7.65 | 4.68 | 7.322 |
| February .. | 9.84 | 3.55 | 4.64 | 8.41 | 6.75 | 5.73 | 6.49 | 3.44 | 4.60 | 5.43 | 5.888 |
| March | 1.19 | 5.19 | 6.56 | 10.92 | 6.22 | 6.48 | 4.35 | 8.14 | 7.24 | 8.05 | 6.434 |
| April | 5.22 | 5.15 | 3.55 | 3.16 | 6.02 | 7.88 | 3.33 | 3.63 | 2.90 | 5.60 | 4.744 |
| May | 4.30 | 2.31 | 4.21 | 3.74 | 4.05 | 3.69 | 10.00 | 6.70 | 5.46 | 4.08 | 4.854 |
| June | 6.32 | 4.75 | 1.46 | 2.96 | 3.12 | 4.12 | 2.81 | 10.74 | 4.32 | 2.40 | 4.300 |
| July | 2.85 | 1.95 | 5.05 | 7.54 | 5.74 | 2.96 | 4.70 | 3.78 | 6.98 | 9.24 | 5.079 |
| August | 10.29 | 8.99 | 5.76 | 10.36 | 5.15 | 6.90 | 7.54 | 8.16 | 7.79 | 5.76 | 7.670 |
| September .. | 7.29 | 4.42 | 3.16 | 9.27 | 5.77 | 4.75 | 2.50 | 1.86 | 8.39 | 4.36 | 5.177 |
| October | 10.50 | 9.38 | 6.48 | 15.76 | 4.64 | 6.26 | 10.43 | 10.88 | 4.09 | 12.45 | 9.087 |
| November .. | 9.40 | 12.69 | 6.89 | 6.86 | 6.89 | 9.11 | 6.56 | 8.85 | 7.18 | 3.97 | 7.840 |
| December .. | 14.34 | 9.83 | 10.30 | 7.77 | 7.54 | 4.95 | 7.19 | 13.16 | 8.38 | 13.12 | 9.658 |
| TOTALS .. | 92.41 | 73.64 | 65.12 | 96.10 | 72.54 | 66.98 | 75.56 | 83.06 | 75.98 | 79.14 | 78.053 |

1900 Seathwaite Church 50 yards W by N
 Trees 20 ft high all round
 1908 Broughton Tunnels Station 8 miles SE

 MET. G.S. RAIN-GAUGE
 RETROSPECTIVE SITE REVIEW

 S.D. SIN. 589325
 1908

NGR: SD(34) 229561

ALT: 350 ft = 107 metres, Date of review 4-1-1979

RAINFALL at Dundon Valley Scathwaite VicarageCounty of North LancashireObserver Rev J.R. DitchfieldRiver Basin Dundon & CRev C.W. Wakefield 714

Swindon Rain Gauge, by _____

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|--------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude ... | 330 T | | | | | | 348 | 349 | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 9.34 | 4.46 | 9.73 | 9.74 | 7.19 | 8.79 | 8.45 | 4.67 | 8.28 | 10.39 | |
| February ... | 11.48 | 9.79 | 5.60 | 4.53 | 10.38 | 13.44 | 6.61 | 1.84 | 8.45 | 2.13 | |
| March | 4.81 | 2.68 | 12.70 | 10.00 | 8.37 | 4.01 | 2.48 | 4.87 | 3.32 | 6.86 | |
| April | 6.00 | 5.49 | 2.19 | 8.44 | 1.75 | 4.86 | 5.91 | 3.08 | 1.66 | 5.31 | |
| May | 3.83 | 5.68 | 2.93 | 4.66 | 4.99 | 1.74 | 5.02 | 4.30 | 2.63 | 2.12 | |
| June | 2.97 | 4.78 | 8.97 | 6.41 | 1.78 | 1.27 | 5.11 | 4.37 | 3.66 | 2.72 | |
| July | 6.61 | 1.18 | 5.94 | 1.31 | 6.68 | 7.96 | 6.02 | 2.40 | 6.77 | 2.09 | |
| August | 10.72 | 6.05 | 10.00 | 3.30 | 6.11 | 5.08 | 3.32 | 13.74 | (5.08) | 6.00 | |
| September .. | 1.50 | 7.10 | 5.08 | 3.99 | 4.63 | 1.72 | 4.69 | 6.56 | 15.13 | 7.50 | |
| October ... | 4.06 | 7.41 | 9.64 | 5.87 | 3.29 | 4.04 | 13.36 | 12.94 | 10.80 | 3.11 | |
| November .. | 9.06 | 10.53 | 8.43 | 8.94 | 11.74 | 4.40 | 11.26 | 9.91 | 4.99 | 4.90 | |
| December ... | 11.71 | 16.98 | 10.25 | 6.24 | 11.52 | 14.15 | 7.29 | 5.72 | 12.25 | 14.55 | |
| TOTALS ... | 82.09 | 82.13 | 91.46 | 73.43 | 78.43 | 71.43 | 79.52 | 74.40 | (83.02) | 67.68 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |

1918 August part estimated.

MET.O.B. RAINMASTER
RETROSPECTIVE SITE REVIEWSTD. SN.
NUMBER 589325

NGR: SD(34) 229561

ALT: 350 ft = 107 metres. Date of review 4-1-1979

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|------------|-----------|------------|
| | | | Braydon | 8 | SE | Scathwaite | 80 yds | NE |

School } 1928

RAINFALL at *Duddon Valley Leathwaite Vicarage*

County of *N. Lancashire* Observer *Rev. F. H. Berry*

River Basin *Duddon & C. I.* *M. B. M. Kay*

Snowdon Rain Gauge, by *U. O. (126)* on *beam*. *Ar 1861-1965 77.8*

| Diameter ... | 5" | | | | | | | | | | | |
|---------------|--------------|--------------|--------------|--------------|----------|----------|----------|----------|--------------------------------------|--------------|----------------------|--|
| Height | 1 0 | | | | | | | | 0 9 | | | |
| Altitude ... | 348 | | | | | | | | ⁵ 350 <i>approx</i> | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | <i>Means</i> 1930 | |
| January ... | 9.92 | 13.80 | <i>8.18</i> | <i>7.70</i> | 8.19 | 6.52 | 11.47 | 10.37 | 18.78 | <i>4.20</i> | 9.74 | |
| February ... | 5.90 | 1.04 | <i>7.74</i> | <i>10.17</i> | 2.18 | 9.54 | 11.43 | 7.15 | 9.38 | <i>5.17</i> | .88 | |
| March | 9.51 | 11.04 | <i>4.89</i> | <i>3.29</i> | 2.43 | 2.60 | 4.09 | 6.67 | 8.51 | <i>1.64</i> | 5.60 | |
| April | 5.02 | 2.47 | <i>1.99</i> | <i>7.11</i> | 4.08 | 6.60 | 5.89 | 5.45 | 3.50 | <i>3.47</i> | 3.35 | |
| May | 8.29 | 5.45 | <i>4.25</i> | <i>5.34</i> | 7.82 | 8.61 | 4.58 | 3.57 | 1.19 | <i>5.82</i> | 4.05 | |
| June | 4.49 | <i>7.0</i> | <i>4.43</i> | <i>2.73</i> | 4.58 | .89 | 4.20 | 4.63 | 6.98 | <i>4.41</i> | 3.21 | |
| July | 8.92 | 4.16 | <i>7.84</i> | <i>5.31</i> | 7.07 | 3.84 | 6.21 | 7.57 | 9.02 | <i>9.64</i> | 4.74 | |
| August | 5.36 | 10.63 | <i>7.68</i> | <i>11.10</i> | 6.22 | 8.24 | 6.01 | 6.83 | 9.99 | <i>9.53</i> | 6.63 | |
| September... | 5.62 | 2.53 | <i>5.16</i> | <i>9.82</i> | 10.29 | 5.87 | 8.43 | 11.89 | 5.58 | <i>3.32</i> | 5.26 | |
| October | 4.22 | 4.37 | <i>3.88</i> | <i>14.46</i> | 6.36 | 9.65 | 6.17 | 8.80 | 12.53 | <i>12.16</i> | 17.82 | |
| November... | 5.39 | 6.51 | <i>5.92</i> | <i>10.63</i> | 6.76 | 4.08 | 12.13 | 9.52 | 18.29 | <i>19.63</i> | 8.09 | |
| December... | 8.99 | 10.00 | <i>9.47</i> | <i>11.42</i> | 14.22 | 5.80 | 3.52 | 2.42 | 11.13 | <i>15.85</i> | 12.26 | |
| TOTALS... | <i>81.63</i> | <i>72.73</i> | <i>71.43</i> | <i>98.48</i> | 80.13 | 72.24 | 84.13 | 84.87 | 114.78 | <i>95.04</i> | 81.63 | |
| | <i>D</i> | <i>D</i> | <i>D</i> | <i>d</i> | <i>d</i> | <i>d</i> | <i>d</i> | <i>d</i> | <i>d</i> | <i>d</i> | <i>d</i> | |

1920 House 6ft

1926. Gauge moved at beginning of 1926 to a better site in the school playground, (a distance of less than 50 yards.) G. moved 31. Aug. 122' E.S.E.
School 23' high, 39' N.

1928 Rock 1' 10" high 6' 5" SW
" 6" " 9' NNW
" 6" " 12' SW by S.
Swins Post 9' " 14' NE

DETAILS OF REVISOR'S REVIEW 589325

NGR: SD (34) 229961

ALT: 350 ft = 107 metres. Date of review 4-1-79

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 | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920 | 53° 23' | 4° | Droughton | 8 mi | SE | Leathwaite | 30 yds | NE |

