

## RAINFALL AT Little Langdale Fell Post

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Westmorland

Rain Gauge, by Observer P. A. Marshall Esq  
Leven - 2 W. E. Tyson

|                 |        |        |        |        |        |       |        |        |        |        |         |
|-----------------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|---------|
| Diameter .....  | 5      |        |        |        |        |       |        |        |        |        |         |
| Height .....    | 2      | 2      |        |        |        |       |        |        |        |        |         |
| Altitude .....  | 380    |        |        |        |        |       |        |        |        |        |         |
| Year .....      | 1890   | 1891   | 1892   | 1893   | 1894   | 1895  | 1896   | 1897   | 1898   | 1899   | MEANS.  |
| January .....   | 17.30  | 8.00   | 14.10  | 5.55   | 18.50  | 5.20  | 10.10  | 2.50   | 17.00  | 17.55  | 11.580  |
| February .....  | 1.50   | 2.70   | 4.40   | 16.30  | 19.50  | 1.85  | 8.50   | 9.60   | 14.35  | 9.00   | 8.770   |
| March .....     | 11.00  | 7.10   | 2.35   | 6.45   | 8.60   | 10.10 | 17.90  | 16.85  | 6.00   | 4.50   | 9.085   |
| April .....     | 4.20   | 5.30   | 3.85   | 1.30   | 2.80   | 7.00  | 5.80   | 6.05   | 9.30   | 10.30  | 5.590   |
| May .....       | 6.25   | 3.70   | 10.00  | 4.00   | 8.60   | .60   | .65    | 4.70   | 6.15   | 6.80   | 5.145   |
| June .....      | 10.50  | 3.00   | 6.30   | 4.35   | 2.70   | 2.00  | 5.25   | 9.25   | 8.00   | 2.20   | 5.265   |
| July .....      | 9.00   | 4.85   | 6.15   | 6.50   | 6.70   | 8.70  | 8.45   | 6.40   | 4.00   | 5.20   | 6.685   |
| August .....    | 8.60   | 21.80  | 12.50  | 10.10  | 11.00  | 12.70 | 6.85   | 17.40  | 16.70  | 2.70   | 12.045  |
| September ..... | 13.65  | 14.15  | 18.20  | 11.15  | .10    | 3.25  | 14.20  | 9.65   | 6.30   | 10.90  | 10.155  |
| October .....   | 10.50  | 14.35  | 10.80  | 15.70  | 12.70  | 10.40 | 11.45  | 8.90   | 9.20   | 7.50   | 11.150  |
| November .....  | 21.90  | 11.25  | 9.85   | 11.15  | 17.40  | 11.00 | 3.55   | 15.10  | 12.10  | 17.10  | 13.040  |
| December .....  | .70    | 20.40  | 9.80   | 16.20  | 11.85  | 12.50 | 16.30  | 20.65  | 18.20  | 8.30   | 13.490  |
| TOTALS .....    | 115.10 | 116.60 | 108.30 | 108.75 | 120.45 | 85.30 | 109.00 | 127.05 | 127.30 | 102.15 | 112.000 |

RAINFALL AT Little Langdale Fell Foot-

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer S. A. Marshall Esq  
M. J. Marshall

Leven - 2.

M

| Diameter ..  | 5      |        |       |        |        |       |        |         |         |        |        |
|--------------|--------|--------|-------|--------|--------|-------|--------|---------|---------|--------|--------|
| Height ....  | 2.2    |        |       |        |        |       |        |         |         |        |        |
| Altitude ..  | 380    |        |       |        |        |       |        |         |         |        |        |
| Year ....    | 1900   | 1901   | 1902  | 1903   | 1904   | 1905  | 1906   | 1907    | 1908    | 1909   | MEANS. |
| January ..   | 15.55  | 9.85   | 14.50 | 15.50  | 14.24  | 7.64  | 17.26  | 7.36    | 15.48   | 9.95   | 12.733 |
| February ..  | 9.90   | 4.50   | 5.00  | 18.00  | 10.47  | 8.87  | 9.85   | 8.82    | (7.85)  | 14.91  | 9.817  |
| March ..     | .90    | 7.50   | 8.30  | 16.60  | 8.90   | 10.18 | 6.88   | 11.66   | (11.10) | 7.32   | 8.934  |
| April ..     | 8.10   | 7.30   | 5.80  | (4.67) | 10.14  | 10.57 | 3.19   | 5.18    | 4.50    | 7.62   | 6.707  |
| May ..       | 5.60   | 2.70   | 4.80  | 6.18   | 5.80   | 4.45  | 14.20  | 8.42    | 7.20    | 4.80   | 6.415  |
| June ..      | 8.40   | 5.40   | 1.40  | 3.10   | 3.84   | 5.11  | 3.26   | 12.70   | 5.20    | 2.94   | 5.135  |
| July ..      | 3.40   | 1.80   | 6.80  | 8.97   | 6.54   | 4.63  | 6.92   | 3.73    | 6.63    | 14.64  | 6.406  |
| August ..    | 10.10  | 12.70  | 6.35  | 16.21  | 8.30   | 8.80  | 9.81   | (11.00) | 10.38   | 5.72   | 9.937  |
| September .. | 8.30   | 7.00   | 4.80  | 9.91   | 6.00   | 7.32  | 3.40   | (13.70) | 14.02   | (5.40) | 6.885  |
| October ..   | 12.60  | 12.10  | 10.00 | 23.35  | 6.12   | 8.24  | 16.38  | 13.00   | 5.25    | 18.50  | 12.554 |
| November ..  | 10.20  | 23.50  | 8.80  | 8.97   | 14.23  | 12.88 | 12.50  | 10.35   | 10.25   | 7.20   | 11.888 |
| December ..  | 23.20  | 13.40  | 14.50 | 9.90   | 12.20  | 10.22 | 12.70  | 16.66   | 9.70    | 16.00  | 13.848 |
| TOTALS ..    | 116.25 | 107.75 | 91.05 | 141.36 | 106.78 | 98.91 | 116.35 | 111.58  | 107.56  | 115.00 | 112.56 |

1903 April amount estimated gauge burnt tamperd with

H.C.

## RAINFALL at Little Langdale Fell Foot

County of Westmorland

Observer Miss C Marshall

River Basin Leven 2

Rain Gauge, by

| Diameter ... | 5      |        |        |        |        |       |        |       |        |       |       |       |
|--------------|--------|--------|--------|--------|--------|-------|--------|-------|--------|-------|-------|-------|
| Height ..... | 2.2    | .      |        |        |        |       |        |       |        |       |       |       |
| Altitude ... | 380    |        |        |        |        |       |        |       |        |       |       |       |
| Year ...     | 1910   | 1911   | 1912   | 1913   | 1914   | 1915  | 1916   | 1917  | 1918   | 1919  |       | MENS. |
| January ...  | 13.70  | 8.06   | 12.45  | 14.38  | 9.38   | 13.43 | 14.10  | 7.51  | 12.31  | 13.99 | 5131  |       |
| February ... | 10.60  | 18.12  | 6.45   | 8.44   | 17.35  | 18.90 | 10.90  | 2.47  | 16.33  | 2.20  | 3190  |       |
| March .....  | 8.90   | 5.66   | 18.65  | 13.70  | 15.43  | 5.68  | 2.33   | 6.44  | 3.85   | 9.75  | 2227  |       |
| April .....  | 6.85   | 8.83   | 4.90   | 10.82  | 3.20   | 6.98  | 9.48   | 4.34  | 1.80   | 5.50  | 2082  |       |
| May .....    | 6.21   | 8.62   | 4.97   | 5.21   | 6.61   | 1.70  | 6.58   | 5.18  | 2.40   | 2.50  | 1666  |       |
| June .....   | 3.55   | 6.90   | 11.50  | 8.50   | 1.27   | 2.58  | 5.95   | 3.86  | 4.14   | 3.96  | 1771  |       |
| July .....   | 6.90   | 1.38   | 8.47   | 1.35   | 6.20   | 9.45  | 6.73   | 3.42  | 7.18   | 8.70  | 2003  |       |
| August ..... | 15.85  | 8.79   | 12.85  | 4.20   | 7.73   | 3.42  | 4.58   | 15.92 | 8.82   | 8.43  | 3775  |       |
| September .. | 1.18   | 7.14   | 4.04   | 4.51   | 5.12   | 1.65  | 6.73   | 10.70 | 17.66  | 10.53 | 4594  |       |
| October ...  | 4.09   | 9.10   | 10.40  | 6.40   | 3.55   | 3.87  | 20.84  | 16.91 | 15.28  | 2.00  | 5583  |       |
| November ... | 9.45   | 16.20  | 11.38  | 13.48  | 18.70  | 4.79  | 17.22  | 14.36 | 6.91   | 8.55  | 4684  |       |
| December ... | 20.10  | 23.60  | 16.35  | 10.16  | 14.20  | 19.82 | 10.25  | 7.35  | 19.39  | 2127  | 5823  |       |
| TOTALS ...   | 116.38 | 122.40 | 122.41 | 101.15 | 108.74 | 91.77 | 119.26 | 98.46 | 115.77 | 91.90 | 42539 |       |

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

## RAINFALL at Little Langdale Fell Foot

County of Westmorland

Observer Miss C. Marshall

River Basin Seven 2

Obs. by yourself

↑ Cn Briford Rain Gauge, by Bella  
dine500  
507  
493

↑ gauge set on flat bottom

|       |       |
|-------|-------|
| Total | Total |
| 4.98  | 1.50  |
| 1.00  | 1.00  |
| .38   | .37   |
| .27   | .27   |
| .16   | .16   |
| 2.25  | 0.85  |

| Diameter ...   | 5"     |        |       |        |        |        |        |         |        |        |                 |        |  |
|----------------|--------|--------|-------|--------|--------|--------|--------|---------|--------|--------|-----------------|--------|--|
| Height .....   | 2.2    | 1.6    |       |        |        |        |        |         |        |        |                 |        |  |
| Altitude ...   | 380    |        |       |        |        |        |        |         |        |        |                 |        |  |
| Year .....     | 1920   | 1921   | 1922  | 1923   | 1924   | 1925   | 1926   | 1927    | 1928   | 1929   | 1930.<br>MEANS. |        |  |
| January .....  | 15.92  | 23.75  | 9.22  | 16.47  | 11.48  | 10.12  | 15.56  | 14.99   | 27.54  | 3.68   | 16.58           | 16511  |  |
| February ..... | 13.80  | 9.8    | 11.17 | 13.58  | 2.40   | 18.00  | 12.69  | 8.11    | 13.25  | (295)  | 1.08            | 9321   |  |
| March .....    | 10.11  | 21.69  | 6.81  | 8.70   | 3.37   | 4.45   | 11.30  | 12.60   | 10.71  | (1.81) | 6.00            | 9955   |  |
| April .....    | 11.30  | 3.30   | 3.70  | 8.25   | 6.10   | 10.12  | 6.33   | 8.54    | 4.56   | 4.47   | 3.81            | 7029   |  |
| May .....      | 11.76  | 7.12   | 4.55  | 7.65   | 11.60  | 11.48  | 4.58   | 6.10    | 140    | 6.25   | 5.53            | 7797   |  |
| June .....     | 3.81   | 5.1    | 6.70  | 3.92   | 7.40   | 4.2    | 6.53   | 7.36    | 11.50  | 4.92   | 4.08            | 5715   |  |
| July .....     | 11.91  | 5.11   | 7.99  | 9.10   | 10.30  | 2.92   | 7.44   | 9.12    | 13.10  | 9.15   | 5.49            | 5184   |  |
| August .....   | 7.47   | 11.55  | 8.57  | 18.30  | 9.95   | 10.48  | 9.78   | 10.00   | 13.52  | 13.48  | 15.45           | 12850  |  |
| September...   | 7.20   | 4.10   | 8.80  | 16.20  | 16.10  | 8.41   | 11.30  | 14.48   | 7.32   | 3.65   | 6.64            | 10320  |  |
| October.....   | 4.84   | 6.96   | 4.60  | 23.60  | 11.46  | 14.97  | 7.68   | 11.77   | 17.45  | 15.58  | 22.52           | 14143  |  |
| November...    | 7.56   | 7.30   | 6.95  | 18.50  | 10.46  | 4.54   | 18.12  | 12.13   | 24.48  | 23.55  | 14.95           | 14854  |  |
| December...    | 11.33  | 21.16  | 16.40 | 14.00  | 27.15  | 10.97  | 5.26   | 3.00    | 9.00   | 22.32  | 13.56           | 15415  |  |
| TOTALS...      | 122.01 | 113.62 | 95.46 | 154.27 | 127.97 | 101.80 | 116.57 | (18.20) | 153.43 | 111.81 | 115.89          | 133094 |  |

+ Depth R. Bellis x .25. G. fixed in stone by stakes in raised adome in field, & end falls to N. over S. Rail 3 ft. G. 346 f. all round. All at equal angle of 18°. A very good gauge & well exposed.

1929. Feb. &amp; March proportions.

|  |            |               |
|--|------------|---------------|
| 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 | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
|       |         |       |                  |                     |           |                |                     |           |

## RAINFALL at Little Langdale (Fell Foot)

County of Westmorland, Observer Miss C. Marshall,

River Basin Bevert 2.

Type of Gauge

Annual Average 28.2 in. based on 39 years obs. un-weighted. Period of average 1881-1910 Ref. 5

662692/26.

| Diameter  | 5.     |        |       |        |        |        |       |        |        |      |       |
|-----------|--------|--------|-------|--------|--------|--------|-------|--------|--------|------|-------|
| Height    | 2.2.   |        |       |        |        |        |       |        |        |      |       |
| Altitude  | 380.   |        |       |        |        |        |       |        |        |      |       |
| Year      | 1931   | 1932   | 1933  | 1934   | 1935   | 1936   | 1937  | 1938   | 1939   | 1940 | Means |
| January   | 14.86  | 22.13  | 13.19 | 15.41  | 6.46   | 13.42  | 13.73 | 14.78  | 15.55  |      |       |
| February  | 13.74  | .00    | 15.15 | 1.01   | 20.96  | 4.40   | 15.46 | 6.50   | 15.34  |      |       |
| March     | 1.45   | 8.55   | 8.29  | 7.91   | 3.17   | 7.89   | 4.11  | 7.28   | 9.44   |      |       |
| April     | 6.29   | 9.46   | 5.44  | 6.60   | 7.46   | 1.48   | 5.73  | .71    | 8.06   |      |       |
| May       | 5.15   | 6.64   | 4.01  | 9.62   | .88    | 1.13   | 3.23  | 8.58   | 1.95   |      |       |
| June      | 13.14  | 3.25   | 5.21  | 4.09   | 9.15   | 5.43   | 6.33  | 11.00  | 4.21   |      |       |
| July      | 12.11  | 10.16  | 10.30 | 4.59   | 7.71   | 11.50  | 6.39  | 13.80  | 12.33  |      |       |
| August    | 6.53   | 1.70   | 7.60  | 12.28  | 5.46   | 5.54   | 5.81  | 7.28   | 4.22   |      |       |
| September | 3.59   | 16.50  | 1.67  | 14.60  | 16.68  | 12.87  | 7.73  | 7.16   | 4.03   |      |       |
| October   | 9.54   | 12.70  | 8.11  | 19.51  | 18.81  | 12.10  | 5.30  | 24.83  | 4.39   |      |       |
| November  | 25.00  | 8.07   | 3.09  | 2.94   | 11.26  | 12.63  | 2.84  | 18.69  | 13.50  |      |       |
| December  | 12.74  | 17.80  | 2.08  | 19.59  | 8.32   | 15.11  | 6.55  | 11.40  | 6.40   |      |       |
| TOTALS    | 124.14 | 115.44 | 84.14 | 118.15 | 116.32 | 104.10 | 85.51 | 132.11 | 106.14 | N.R. |       |

With Suspense

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1938  |         |       | Comiston         | 3½ m                | S         | Chapel Stile   | 2 m                 | N.E.      |

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. M. 3669

## RAINFALL at Little Langdale (Fell Foot.)

41

County of Westmorland Observer Miss C. Marshall.

River Basin Lune - 2

Type of Gauge.

Annual Average 102.2 in. based on 39 years obs. unweighted. Period of average 1881-1915 Ref. S

File No. 662692/26

| Diameter  | 5"   |      |      |      |      |      |      |      |      |      |       |
|-----------|------|------|------|------|------|------|------|------|------|------|-------|
| Height    | 22'  |      |      |      |      |      |      |      |      |      |       |
| Altitude  | 380' |      |      |      |      |      |      |      |      |      |       |
| Year      | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January   |      |      |      |      |      |      |      |      |      |      |       |
| February  |      |      |      |      |      |      |      |      |      |      |       |
| March     |      |      |      |      |      |      |      |      |      |      |       |
| April     |      |      |      |      |      |      |      |      |      |      |       |
| May       |      |      |      |      |      |      |      |      |      |      |       |
| June      |      |      |      |      |      |      |      |      |      |      |       |
| July      |      |      |      |      |      |      |      |      |      |      |       |
| August    |      |      |      |      |      |      |      |      |      |      |       |
| September |      |      |      |      |      |      |      |      |      |      |       |
| October   |      |      |      |      |      |      |      |      |      |      |       |
| November  |      |      |      |      |      |      |      |      |      |      |       |
| December  |      |      |      |      |      |      |      |      |      |      |       |
| TOTALS    |      |      |      |      |      |      |      |      |      |      |       |

War suspense. No further communications from Miss Marshall. Continued T. 11/12/53

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|-----------------------|
|       |         |       |                  |                     |                      |                |                     |                       |