

RAINFALL AT Northleach Leygore Manor

Lat. .... Lon. .... County of Gloucester East

Rain Gauge, by Observer Arthur E Moss Esq.

windmill - 7.

|              |      |      |       |       |       |       |       |        |       |       |        |
|--------------|------|------|-------|-------|-------|-------|-------|--------|-------|-------|--------|
| Diameter ..  |      |      | 5     |       |       |       |       |        |       |       |        |
| Height ....  |      |      | 10    |       |       |       |       |        |       |       |        |
| Altitude ..  |      |      | 700   | 750   |       |       |       |        |       |       |        |
| Year ....    | 1900 | 1901 | 1902  | 1903  | 1904  | 1905  | 1906  | 1907   | 1908  | 1909  | MEANS. |
| January ..   |      |      | 1.01  | 3.36  | 3.39  | .88   | 5.21  | 1.06   | 1.64  | 1.41  |        |
| February ..  |      |      | 1.46  | 1.18  | 4.13  | .77   | 2.42  | (1.60) | 1.22  | .40   |        |
| March .....  |      |      | 1.55  | 3.33  | 1.31  | 3.53  | 1.48  | .85    | 2.99  | 3.75  |        |
| April .....  |      |      | 2.07  | 2.27  | 1.25  | 2.59  | .64   | 2.92   | 2.79  | 2.22  |        |
| May .....    |      |      | 2.49  | 4.60  | 2.68  | .37   | 1.69  | 2.82   | 1.82  | 1.40  |        |
| June .....   |      |      | 3.20  | 3.88  | 1.01  | 4.48  | 2.60  | 2.61   | .87   | 3.43  |        |
| July .....   |      |      | 1.05  | 3.72  | 2.24  | .90   | 1.19  | 5.10   | 2.00  | 1.95  |        |
| August ..... |      |      | 2.89  | 2.79  | 2.44  | 4.93  | 1.09  | 2.14   | 3.71  | 2.53  |        |
| September .. |      |      | 2.95  | 2.45  | 2.36  | .99   | .78   | .58    | 1.32  | 3.46  |        |
| October....  |      |      | 2.19  | 6.53  | .64   | 1.55  | 5.86  | 6.54   | 2.05  | 3.89  |        |
| November ..  |      |      | 2.72  | 2.42  | 1.63  | 3.77  | 2.99  | 2.05   | 1.38  | .80   |        |
| December ..  |      |      | 2.22  | 1.73  | 2.29  | .90   | 2.25  | 4.38   | 2.37  | 4.15  |        |
| TOTALS ..    |      |      | 25.80 | 38.26 | 25.37 | 25.66 | 28.15 | 32.68  | 24.16 | 29.39 |        |

m m m m m m m

1903 Turhdean Church 1 mile N

Holymow Station 4½ " N

House 30 pds high 35 ft N

Replaced from Survey & it is also accepted 1976/83

MET.O.B. RAINFALL REC.  
RETROSPECTIVE 1976/83

253584

NGR: SP(42) 116165

NAME: 650 ft = 1018 metres Date of review 21/12/83

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## RAINFALL at Northleach Leygon Manor

County of Gloucestershire

Observer Arthur E. Moss Esq

River Basin Thames-Windrush &amp;c

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Snowdon Rain Gauge, by No 2

Gal. from nearly new 3.20.

Glass correct.

$\begin{cases} 4.98 \\ 5.01 \\ 4.98 \\ 4.99 \end{cases}$  Av 1916-1950. 30.16in based on 26yrs within 1916-42

NGR. 42/116165

| Diameter ... | 5     | Height ..... | 10    | Altitude ... | 700   | 650 T |       |       |       |       |        |  |
|--------------|-------|--------------|-------|--------------|-------|-------|-------|-------|-------|-------|--------|--|
| Year ...     | 1910  | 1911         | 1912  | 1913         | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |  |
| January ...  | 2.88  | 1.15         | 4.64  | 4.69         | .92   | 3.75  | 1.82  | 1.70  | 3.43  | 4.82  |        |  |
| February ... | 4.14  | 1.58         | 2.21  | 1.35         | 2.88  | 4.94  | 5.02  | 1.27  | 1.54  | 3.32  |        |  |
| March .....  | .67   | 1.89         | 4.65  | 3.66         | 3.80  | 1.11  | 3.53  | 2.65  | 1.43  | 4.74  |        |  |
| April .....  | 3.12  | .96          | .09   | 3.86         | 1.13  | 1.03  | 1.35  | 1.74  | 2.78  | 2.86  |        |  |
| May .....    | 1.76  | 1.37         | 2.16  | 2.46         | 1.73  | 3.03  | 2.37  | 3.03  | 1.63  | 1.17  |        |  |
| June.....    | 3.31  | 2.26         | 5.41  | 64           | 2.62  | 1.54  | 2.42  | 2.16  | 1.03  | 1.33  |        |  |
| July .....   | 2.15  | .70          | 4.45  | 1.61         | 3.79  | 3.71  | 1.60  | 2.10  | 3.56  | 2.60  |        |  |
| August.....  | 3.63  | 3.15         | 7.22  | .91          | 1.46  | 3.26  | 3.60  | 6.22  | 1.29  | 2.66  |        |  |
| September .. | .32   | 1.63         | .82   | 2.46         | 1.54  | 1.11  | 1.70  | 2.57  | 5.94  | 1.80  |        |  |
| October ...  | 3.05  | 2.92         | 3.26  | 4.05         | 2.14  | 3.66  | 5.75  | 4.15  | 2.52  | 1.99  |        |  |
| November ..  | 4.10  | 3.25         | 1.76  | 2.92         | 4.37  | 2.11  | 3.48  | 1.10  | 2.63  | 1.68  |        |  |
| December ... | 5.33  | 6.22         | 4.54  | 1.24         | 5.69  | 6.19  | 3.97  | 1.38  | 2.96  | 4.67  |        |  |
| TOTALS ...   | 34.46 | 27.09        | 41.21 | 29.85        | 32.07 | 35.44 | 36.61 | 30.07 | 30.74 | 33.64 |        |  |
|              | -     | -            | -     | -            | -     | -     | -     | -     | -     | -     |        |  |

MET.O.B. RAINFALLER  
RETROSPECTIVE 1916-42

253584

NGR: SP(42) 116165

ALTI: 650 ft = 198 metres. Date of review 21/12/83

*Recked for 2nd July 21/7/83 accepted 19/12/83*

Inspected 31.3.20 C.S. collected in garden, on middle one of 3 terraces.  
 House 40 ft high 40 ft N.W. Holly 20 ft high 20 ft N.E., trees 80 ft high 60 ft S (bottom)  
 hedges 6 ft high 50 ft E + W. quite good site.

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
|       |         |       | Holym            | 4½ m      | N          | Linkden | 1 m       | N          |

2208  
20

RAINFALL at Notbleach (Leyburn Manor).

County of Gloucester. Observer at the F. & M. Expt.

River Basin 7 - windoush

Snowden Rain Gauge, by N. & J.

Ar 1916-1950. 30.16 in based on 26 yrs within 1916-42 N.G.R.  
42/1161b5

| Diameter ...    | 5     |       |       |       |       |       |       |       |       |       |                |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Height .....    | 7.0   |       |       |       |       |       |       |       |       |       |                |
| Altitude .....  | 630   |       |       |       |       |       |       |       |       |       |                |
| Year .....      | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930<br>MEANS. |
| January .....   | 2.40  | 2.91  | 3.65  | 2.23  | 3.66  | 1.98  | 4.48  | 3.13  | 4.45  | 1.21  | 3.97           |
| February .....  | 1.17  | 1.46  | 3.51  | 5.77  | 1.84  | 3.82  | 2.09  | 3.73  | 2.60  | .67   | .58            |
| March .....     | 2.81  | 1.63  | 2.45  | 2.41  | 1.23  | 4.49  | 1.38  | 3.19  | 2.89  | .08   | 2.16           |
| April .....     | 4.94  | 1.24  | 2.89  | 2.61  | 3.11  | 2.06  | 3.02  | 1.78  | .74   | 1.41  | 2.96           |
| May .....       | 1.86  | 1.65  | .66   | 1.64  | 6.54  | 4.14  | 2.85  | 1.26  | .61   | 2.50  | 1.45           |
| June .....      | 3.08  | .26   | .79   | 3.7   | 2.43  | .19   | 2.46  | 2.89  | 2.30  | 1.59  | 2.11           |
| July .....      | 4.52  | .40   | 4.90  | 1.68  | 4.96  | 3.39  | 1.99  | 2.06  | 2.29  | 2.07  | 3.95           |
| August .....    | 1.32  | 1.95  | 5.11  | 2.15  | 2.89  | 2.34  | 1.47  | 4.09  | 2.00  | 1.66  | 2.79           |
| September ..... | 1.85  | 1.62  | 2.28  | 2.77  | 3.98  | 3.65  | 1.27  | 5.16  | .69   | .22   | 3.40           |
| October .....   | 2.92  | 1.44  | .79   | 4.81  | 4.24  | 3.13  | 2.50  | 1.88  | 4.95  | 3.87  | 2.27           |
| November .....  | 1.21  | 2.32  | 2.03  | 1.80  | 2.32  | 1.98  | 6.83  | 2.77  | 3.81  | 8.45  | 3.81           |
| December .....  | 3.43  | 1.54  | 4.17  | 3.46  | 4.20  | 2.64  | .53   | 3.58  | 2.53  | 6.94  | 3.90           |
| TOTALS.         | 32.41 | 17.62 | 33.23 | 31.70 | 40.45 | 29.81 | 29.87 | 35.52 | 29.86 | 30.67 | 33.35          |

Infected 31/3/20. (E.d.)  
"acute foot site".

MET-OS RAINMASTER  
RETROSPECTIVE JUL-REV

253584

MSB: SP(42) 116165

metres. Date of review 21/12/83

650 198

~~Rejected from Survey~~ ~~11/20/03~~ accepted 10/1/03

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

*Reference No. ....*

## RAINFALL at Northleach (Leygore Manor)

County of Gloucestershire Observer Arthur E. Moss Esq.,

River Basin - Barrow - Windrush - 7

Type of Gauge Standard

Annual Average 39.46 in. based on 28 years obs. un-weighted. Period of average 1902-1929 Ref. Survey  
30.16 26 within 1916-42 1916-1950

| Diameter  | 5     |       |       |       |       |       |       |       |       |       |       |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Height    | 10    |       |       |       |       |       |       |       |       |       |       |  |
| Altitude  | 650   |       |       | 580   |       |       |       |       |       |       |       |  |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means |  |
| January   | 1.63  | 2.60  | 2.12  | 2.52  | 1.77  | 3.17  | 4.04  | 3.38  | 6.40  | 2.54  |       |  |
| February  | 2.17  | 2.20  | 3.56  | 3.37  | 2.96  | 2.48  | 4.69  | 1.89  | 1.48  | 3.05  |       |  |
| March     | 1.13  | 2.13  | 3.02  | 2.24  | 1.41  | 2.19  | 3.45  | 1.21  | 1.93  | 2.17  |       |  |
| April     | 3.72  | 3.25  | 1.11  | 2.43  | 5.06  | 1.67  | 3.21  | 1.08  | 3.46  | 1.69  |       |  |
| May       | 4.37  | 5.42  | 1.81  | 1.91  | 1.12  | 1.59  | 1.64  | 1.76  | .88   | 1.72  |       |  |
| June      | 3.94  | 1.14  | 2.14  | 1.75  | 3.38  | 2.66  | 1.38  | 1.04  | 1.72  | 1.40  |       |  |
| July      | 3.00  | 2.39  | 2.20  | 1.41  | 1.73  | 1.81  | 2.46  | 1.92  | 4.89  | 3.20  |       |  |
| August    | 4.22  | 3.55  | 0.82  | 1.74  | 1.91  | 1.28  | 1.37  | 1.17  | 1.91  | 1.23  |       |  |
| September | 1.89  | 2.99  | 2.54  | 2.50  | 4.96  | 1.00  | 1.66  | 2.89  | 1.21  | 1.72  |       |  |
| October   | 1.74  | 4.76  | 2.93  | 1.50  | 4.03  | 1.12  | 3.73  | 3.48  | 4.02  | 3.70  |       |  |
| November  | 4.42  | 2.10  | 1.15  | 1.77  | 6.90  | 2.59  | 1.60  | 3.07  | 5.17  | 7.56  |       |  |
| December  | 1.27  | 1.93  | 0.53  | 6.45  | 4.23  | 3.32  | 2.25  | 3.64  | 2.21  | 1.50  |       |  |
| TOTALS    | 31.90 | 31.46 | 23.93 | 25.59 | 36.46 | 29.48 | 30.48 | 26.53 | 35.28 | 28.48 |       |  |

1933 House 28' high 12 yds N. Trees 50' high 25 yds S.  
1934 House 34' 35 ft N. Trees 56' high 72' S.MET. & RAINFALL  
RETRIEVAL UNIT

253584

NGR: SP(42) 116165

650 m - 198 metres. Date of revision 21/12/183

Position of Station on reduced Ordnance Survey Map, } No. of Map ..... N.G. Reference No. 42/116165  
1 mile to 1 inch Series }

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1931. |         |       | Hotgrave         | 1/2 m               | N.        | Yarke Dean     | 1 m                 | N.        |

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

Station No. 2208

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## RAINFALL at Northleach (Heygore Manor)

County of Gloucestershire

Observer Arthur E. Moss died 20/1/43

River Basin Thames-Windrush &amp;c-1

Type of Gauge Snowdon

Annual Average 2.94 in. based on 28 years obs. un-weighted. Period of average 1902-1929 Ref. S  
 30.16 " 26 - with 1916-42 1916-1950

File No.

| Diameter  | 5"    |       |      |      |      |      |      |      |      |      |       |
|-----------|-------|-------|------|------|------|------|------|------|------|------|-------|
| Height    | 1' 0" |       |      |      |      |      |      |      |      |      |       |
| Altitude  | 580'  |       |      |      |      |      |      |      |      |      |       |
| Year      | 1941  | 1942  | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January   | 3.54  | 3.57  | 5.45 |      |      |      |      |      |      |      |       |
| February  | 2.81  | 73    | #    |      |      |      |      |      |      |      |       |
| March     | 2.62  | 2.50  |      |      |      |      |      |      |      |      |       |
| April     | 1.17  | 1.10  |      |      |      |      |      |      |      |      |       |
| May       | 1.96  | 4.06  |      |      |      |      |      |      |      |      |       |
| June      | 1.92  | .21   |      |      |      |      |      |      |      |      |       |
| July      | 2.27  | 2.68  |      |      |      |      |      |      |      |      |       |
| August    | 4.67  | 5.21  |      |      |      |      |      |      |      |      |       |
| September | .66   | 1.82  |      |      |      |      |      |      |      |      |       |
| October   | 2.10  | 3.29  |      |      |      |      |      |      |      |      |       |
| November  | 2.64  | 1.71  |      |      |      |      |      |      |      |      |       |
| December  | 1.66  | 4.06  |      |      |      |      |      |      |      |      |       |
| TOTALS    | 26.04 | 30.94 |      |      |      |      |      |      |      |      |       |
|           | D     | D     |      |      |      |      |      |      |      |      |       |

1942 Dm. T. owing to death of observer.

EMERG.  
RETROG. DIV.

253584

NGR: SP(42) 116125

Elev. 650 ft = 198 miles Date of record 21/12/83

Position of Station on reduced Ordnance Survey Map, } No. of Map ..... N.G. Reference No 42/116165  
1 mile to 1 inch Series

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

BRITISH RAINFALL ORGANIZATION