

RAINFALL AT *Lancaster Escowbeck*Observer *J. Grey*

Rain { By

Gauge {

Diameter, *12* in.Height above Ground, *2* ft. *6* in.Above Mean Sea Level *150* ft.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS
January.....								4.50	3.37	4.75	
February.....								3.63	3.38	6.63	
March.....								1.62	5.50	1.37	
April.....								4.13	2.75	2.88	
May.....								2.25	2.00	3.12	
June.....								1.62	.50	2.38	
July.....								3.13	.62	1.00	
August.....								3.12	5.00	2.37	
September.....								4.63	1.88	8.63	
October.....								4.62	5.62	3.62	
November.....								1.75	2.75	5.13	
December.....								3.63	9.13	4.87	
TOTALS	45.56	45.50	46.25	50.50	42.00	33.50	54.13	38.63	42.50	46.75	

The Gauge is situated $\frac{3}{4}$ of a mile S.W. of Caton Parsonage. 4 miles E of Lancaster. and $4\frac{1}{2}$ from the sea in the valley of the Lune.

RAINFALL AT Lancaster Escarbeck

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer.

J. Grey

No 1332-1915 407

Diameter....	12										
Height	2 ft										
Altitude	150										
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	4.00	1.75	7.25	6.25	4.63	4.75	2.00	7.13	3.50	1.38	4.264
February....	2.12	4.13	4.38	7.5	1.62	1.00	4.75	4.50	2.00	2.75	2.800
March.....	2.38	1.87	4.87	3.13	3.75	.88	3.00	4.00	1.63	2.00	2.757
April	1.62	3.00	2.13	.50	1.50	1.12	2.63	2.00	1.62	1.25	1.937
May	2.38	2.00	2.00	1.62	1.50	2.50	.50	2.50	3.38	2.37	2.075
June	2.00	2.13	5.50	2.38	1.00	4.00	4.25	2.50	4.00	5.13	3.289
July.....	2.00	6.25	6.50	4.12	2.13	3.75	3.87	4.12	.50	5.50	3.874
August	2.12	1.87	5.37	5.63	6.62	3.50	3.75	6.38	5.50	5.25	4.599
September ..	5.50	3.88	8.38	2.25	4.88	4.38	3.88	4.75	5.62	3.50	4.502
October	10.00	5.87	6.62	6.50	6.50	2.87	2.62	6.50	4.50	2.62	5.460
November ..	2.88	1.75	5.00	1.87	4.62	4.88	3.25	8.25	3.13	1.13	3.676
December ..	3.00	4.63	4.75	2.00	3.75	2.62	5.25	5.12	2.50	2.25	3.587
TOTALS ..	38.00	39.13	62.75	37.00	42.50	36.25	39.75	57.75	37.88	35.13	42.614

The gauge is situated $\frac{3}{4}$ of a mile from Caton Parsonage S.W. 4 miles E. of Lancaster 4½ miles from the nearest sea shore in the valley of the Lune.

Gauge in a kitchen garden on the top of a hill no fruit trees above 5 ft & none near not more 20 ft distant 4 ft 6 in high

RAINFALL AT *Lancaster, Escowbeck, Calton*

80

Lat. _____

Lon. _____

County of *Lancashire*

Rain Gauge, by _____

Observer *J. Greg, Esq.*

June 4.

Diameter	<i>12</i>							<i>10</i>			
Height	<i>2.0</i>								<i>3.0</i>		
Altitude	<i>150 T</i>										
Year	<i>1880</i>	<i>1881</i>	<i>1882</i>	<i>1883</i>	<i>1884</i>	<i>1885</i>	<i>1886</i>	<i>1887</i>	<i>1888</i>	<i>1889</i>	MEANS.
January	<i>.38</i>	<i>.50</i>	<i>3.50</i>	<i>6.62</i>	<i>5.75</i>	<i>2.38</i>	<i>4.75</i>	<i>3.00</i>	<i>1.50</i>	<i>2.75</i>	<i>3.113</i>
February	<i>3.12</i>	<i>4.13</i>	<i>3.25</i>	<i>3.63</i>	<i>2.25</i>	<i>3.87</i>	<i>1.25</i>	<i>2.25</i>	<i>1.00</i>	<i>2.25</i>	<i>2.700</i>
March	<i>2.75</i>	<i>4.37</i>	<i>4.00</i>	<i>1.00</i>	<i>4.00</i>	<i>3.75</i>	<i>4.13</i>	<i>2.50</i>	<i>3.13</i>	<i>3.38</i>	<i>3.301</i>
April	<i>1.63</i>	<i>1.63</i>	<i>4.13</i>	<i>2.13</i>	<i>1.25</i>	<i>1.63</i>	<i>3.12</i>	<i>1.88</i>	<i>1.87</i>	<i>2.12</i>	<i>2.139</i>
May	<i>1.87</i>	<i>4.75</i>	<i>2.00</i>	<i>1.37</i>	<i>2.88</i>	<i>1.37</i>	<i>4.38</i>	<i>1.62</i>	<i>1.25</i>	<i>3.38</i>	<i>2.487</i>
June	<i>3.63</i>	<i>4.12</i>	<i>4.50</i>	<i>4.00</i>	<i>.75</i>	<i>2.38</i>	<i>1.62</i>	<i>.38</i>	<i>1.75</i>	<i>1.00</i>	<i>2.413</i>
July	<i>5.37</i>	<i>6.00</i>	<i>5.50</i>	<i>2.37</i>	<i>5.50</i>	<i>2.12</i>	<i>5.50</i>	<i>2.37</i>	<i>6.00</i>	<i>2.50</i>	<i>4.323</i>
August	<i>2.38</i>	<i>6.75</i>	<i>3.87</i>	<i>3.00</i>	<i>1.62</i>	<i>2.75</i>	<i>2.00</i>	<i>2.25</i>	<i>3.00</i>	<i>5.75</i>	<i>3.337</i>
September	<i>3.75</i>	<i>1.63</i>	<i>2.00</i>	<i>4.75</i>	<i>4.13</i>	<i>5.38</i>	<i>6.63</i>	<i>4.38</i>	<i>2.13</i>	<i>2.87</i>	<i>3.765</i>
October	<i>2.12</i>	<i>2.25</i>	<i>3.75</i>	<i>5.25</i>	<i>3.37</i>	<i>3.50</i>	<i>5.12</i>	<i>2.00</i>	<i>3.00</i>	<i>4.75</i>	<i>3.511</i>
November	<i>6.13</i>	<i>6.37</i>	<i>6.13</i>	<i>5.00</i>	<i>1.63</i>	<i>3.50</i>	<i>4.13</i>	<i>2.87</i>	<i>4.37</i>	<i>2.00</i>	<i>4.213</i>
December	<i>5.87</i>	<i>4.50</i>	<i>3.37</i>	<i>3.13</i>	<i>5.12</i>	<i>1.62</i>	<i>5.62</i>	<i>3.00</i>	<i>3.25</i>	<i>3.00</i>	<i>3.848</i>
TOTALS	<i>39.00</i>	<i>47.00</i>	<i>46.00</i>	<i>42.25</i>	<i>38.25</i>	<i>34.25</i>	<i>48.25</i>	<i>28.50</i>	<i>32.25</i>	<i>35.75</i>	<i>39.150</i>

RAINFALL AT Lancaster Escovbeck Caton

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer

A. Greg Esq

Line H

Diameter	10											
Height	3 0											
Altitude	150 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.25	2.50	3.50	1.38	3.63	2.00	2.88	.88	4.63	5.50	3.415	
February ....	.88	.25	1.25	5.37	5.00	.25	1.87	2.75	3.37	2.38	2.337	
March	4.12	1.88	1.00	1.38	3.50	4.13	5.75	5.75	1.25	1.75	3.051	
April	1.38	1.87	1.88	.37	1.50	2.50	2.38	2.62	2.88	4.25	2.163	
May	2.37	2.00	5.62	2.38	3.00	.50	.50	2.00	2.50	3.00	2.387	
June	3.25	1.13	3.25	1.75	3.12	2.50	3.12	3.50	3.12	2.00	2.674	
July	4.50	2.25	1.50	3.75	3.13	7.62	4.38	1.38	.63	1.87	2.101	
August	6.75	11.62	7.00	4.12	4.50	2.63	3.12	5.00	6.50	2.25	5.549	
September	5.38	6.75	7.75	4.63	.62	1.00	5.25	4.25	1.87	4.75	4.225	
October	3.62	4.38	4.88	6.75	4.13	5.00	4.00	2.00	4.13	3.38	4.227	
November	6.38	4.87	3.37	2.25	4.00	3.00	1.63	5.50	4.50	3.00	3.850	
December ....	.62	6.25	3.13	4.00	4.12	4.00	6.37	6.12	4.87	3.50	4.298	
TOTALS ...	46.50	45.75	44.13	38.13	40.25	37.13	41.25	41.75	40.25	37.63	41.277	

1890 -

RAINFALL AT *Caton Escowbeck*

Lat.

Lon.

County of *Lancashire North*

Rain Gauge, by

Observer

A. Greg. Esq.

Summit

Diameter ..	10	12									
Height	3.0	1.6			1.0		1.6				
Altitude ..	150 T				150						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.50	2.00	2.50	4.38	4.88	2.25	5.50	1.75	4.50	2.13	3.439
February ..	4.13	1.63	1.00	4.12	4.75	2.25	3.25	1.88	2.38	2.75	2.814
March ....	.50	4.00	2.63	3.88	2.62	2.63	3.50	4.25	2.87	2.37	2.925
April	2.37	1.75	1.12	1.87	3.75	2.87	1.50	1.87	1.88	3.38	2.2036
May	2.13	1.25	2.50	2.88	3.25	1.50	5.38	3.75	2.87	1.87	2.738
June	2.75	1.62	.75	1.50	1.38	2.13	3.12	8.13	2.75	2.10	2.626
July	2.62	1.75	4.50	3.62	2.00	1.87	2.38	3.50	3.25	6.87	3.236
August	5.63	2.50	2.75	7.38	2.75	4.38	4.62	4.75	5.38	4.63	4.477
September ..	2.25	1.25	1.00	6.62	1.62	3.50	1.13	.75	5.50	2.75	2.637
October	6.87	4.63	4.00	8.63	2.88	3.00	6.87	4.62	1.75	6.25	4.950
November ..	3.75	4.12	2.38	3.87	2.87	4.75	4.13	4.25	4.37	1.87	3.636
December ..	5.88	4.88	3.50	3.88	3.63	1.12	3.00	5.25	3.13	8.13	4.240
TOTALS ..	43.38	31.38	28.63	52.63	36.38	32.25	44.38	44.75	40.63	45.13	39.054

1903 Caton Church 1/4 miles E
 Station 1/2 NE
 Hawthorn 12 p.m. 21 ft N

H. H. H.

RAINFALL at Caton, EdgworthCounty of N. LancashireObserved by Rev. Mr. Holden Esq. J.H. MurrayRiver Basin Lune 4

J.H. Murray (1928)

Rain Gauge, by _____

Wilson Recorder 1928

Diameter ...							5		8		
Height							10		3.10		
Altitude ...	158						158		150		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAS. 1930
January ...							5.86		10.69	1.82	4.70
February ...							5.43		5.64	1.84	2.20
March							1.72		3.48	1.00	2.14
April							1.89		1.86	1.56	1.19
May							3.28		1.06	2.11	1.69
June							3.31		7.48	1.97	1.96
July							4.47		5.71	3.36	3.07
August							3.35		6.60	4.96	4.92
September...							5.10		3.03	2.53	2.19
October							5.46		5.83	5.55	5.86
November...							6.21		7.26	6.16	3.85
December...							1.81		3.92	5.36	2.75
TOTALS...	53.75		45.68	58.37		40.52	47.89		62.56 1.6605726	37.02	35.52 D

1926. Former owner is dead, no more records.

1928 Greenhouses 6' high 45' w

1930 Recorder np. (low)

Position of Station on reduced Ordnance Survey }
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1926.	54° 4' 13"	2° 43' 25"						
1929.			Caton.	1/2 m	N.	Brookhouse	1 m	E.

RAINFALL at Calton (Creswick House)County of N. Lanark.Observer J. H. Massey Esq.River Basin 4 - Lunc.Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average Ref.

905301/29.

Diameter	5"										
Height	1' 0"				1.6.						
Altitude	150'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.38	4.12	5.23	1.79	4.94						
February	.08	4.37	29	5.60	2.99						
March	2.75	2.28	2.43	1.40	2.23						
April	3.05	1.98	3.18	2.92	.72						
May	6.11	2.28	4.65	1.36	1.91						
June	1.40	1.35	1.99	4.13	3.38						
July	6.06	4.12	2.63	2.83	4.68						
August	1.93	2.97	3.75	2.92	3.62						
September	5.40	.99	5.17	8.57	#						
October	6.26	5.68	6.74	6.61							
November	3.28	2.28	1.52	4.62							
December	3.29	.73	5.63	2.90							
TOTALS	44.99	33.15	45.21	45.65							
	3	2	3	3							

Records & Log/pts 1929, 30 & 31. Retains in file

Bought M.O. gauge £11/31.

Glass houses 10' high 36' N.

1937. Read T. 7/4/37 on notification that Mr. Massey had moved to Bentley, Hunter where he was continuing to record.

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
1932			Calton	1/2 m	NNE	Brookhouse	1 m	E.