

## RAINFALL AT Lancaster Ecowbeck

Observer J. Grey

Rain { by

Gauge Diameter 12 in. Height above Ground, 2 ft. 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	5.80	1.37
April.....									4.13	2.75	2.88
May .....									2.26	2.00	3.12
June.....									1.62	.50	2.38
July .....									3.13	6.2	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 ....	45.50	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 Escowbeck

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer

J. Grey

Av 1832-1915 40.7

Diameter....	12										
Height ....	2 <sup>1</sup> / <sub>2</sub>										
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	5.50	1.50	1.12	2.63	2.00	1.62	1.25	1.737
May .....	2.38	2.00	2.00	1.62	1.50	2.50	3.50	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	5.50	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 .....	2.50	3.88	8.38	2.25	4.88	4.38	3.88	4.75	5.62	3.50	4.602
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  $4\frac{1}{2}$  miles from the nearest sea shore in the valley of the Lune.

Gauge in a Kitchen garden on the top of a hill no fluid trees above 5ft & none near not house 20ft distant 4ft 6in high

## RAINFALL AT Lancaster, Escowbeck, Cator

80

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer J. Greg, Esq.

Lune H.

Diameter .....	12								10		
Height .....	2.0									3.0	
Altitude .....	150 T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.38	.50	3.50	6.62	5.75	2.38	4.75	3.00	1.50	2.75	3.113
February .....	3.12	4.18	3.25	3.63	2.25	3.87	1.26	2.25	1.00	2.25	2.700
March .....	2.75	4.37	4.00	1.00	4.00	3.75	4.13	2.50	3.13	3.38	3.301
April .....	1.63	1.63	4.18	2.18	1.25	1.63	3.12	1.88	1.87	2.12	2.139
May .....	1.87	4.75	2.00	1.37	2.88	1.37	4.38	1.62	1.25	3.38	2.487
June .....	3.63	4.12	4.50	4.00	.75	2.38	1.62	.38	1.75	1.00	2.413
July .....	5.37	6.00	5.50	2.37	5.50	2.72	5.50	2.37	6.00	2.50	4.323
August .....	2.38	6.75	3.87	3.00	1.62	2.75	2.00	2.25	3.00	5.75	3.337
September .....	3.75	1.63	2.00	4.75	4.13	5.38	6.63	4.38	2.13	2.87	3.765
October .....	2.12	2.25	3.75	5.25	3.37	3.50	5.12	2.00	3.00	4.75	3.511
November .....	6.13	6.37	6.13	5.00	1.63	3.50	4.13	2.87	4.37	2.00	4.213
December .....	5.87	4.50	3.37	3.13	5.12	1.62	5.62	3.00	3.25	3.00	3.848
TOTALS .....	39.00	47.00	46.00	42.25	38.25	34.25	48.25	28.50	32.25	35.75	39.150

## RAINFALL AT Lancaster Escombe Caton

Lat.

Lon.

County of

Lancashire

Rain Gauge, by

Observer

A. Greg Es

Line 4

Diameter .....	10										
Height .....	30										
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	3.445
February .....	.88	.25	1.25	5.37	5.00	.25	1.87	2.75	5.37	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	2.061
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	4.63	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	4.226
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

1870-

## RAINFALL AT Caton Escowbeck

Lat.

Lon.

County of Lancashire North

Rain Gauge, by

Observer a Greg Eng

Lunett

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	2.88	2.75	2.814
March ....	.50	4.00	2.63	3.88	2.62	2.63	3.50	4.25	2.87	2.37	2.926
April.....	2.37	1.75	1.12	1.87	3.75	2.87	1.50	1.87	1.88	3.38	2.236
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	2.13	2.626
July .....	2.62	1.75	4.50	3.62	2.00	1.87	2.38	3.50	3.25	6.87	3.336
August ....	5.63	2.50	2.75	7.08	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	3.68	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

Hothouse 12 ft high 21 ft N

Hub

RAINFALL at Gatton, Edensorbeck

County of N. Lancashire

Observer Neville Holdens Esq J.H. Massey

River Basin Line 4

J.H. Massey (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
January ...						5.810	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	1.94	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....						5.40	5.83	5.35	5.86
November...						6.21	7.26	6.16	3.85
December...						1.81	3.92	5.36	3.75
TOTALS...	53.75	45.68	58.37		40.52	47.89	56.56	34.02	35.52

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 } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.W	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1926.	54° 18' N	2° 43' E	Gatton.	2 m	N	Brookhouse	1 m	E.
1929.								

## RAINFALL at

Calon (Cawdbeck House)

County of N. Lanes

Observer J. H. Massey Esq.

River Basin 4 - Lune

Type of Gauge M.Q.

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

906301/29.

Diameter		5"										
Height		1' 0"										
Altitude		150'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.95	4.12	5.23	1.79	4.94							
February	1.08	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	5.75	2.92	3.62							
September	5.40	1.99	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	1.73	5.63	2.90								
TOTALS	44.99	33.15	45.21	45.65								
		33.15	45.21	45.65								

Brendon &amp; Cawdbeck 1929, '30 &amp; '31. Returns in file

Boyle M.Q. gauge 8/1/31.

Glass houses 10' high 36' N.

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

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