

RAINFALL AT *Lulmore, Crow Top,*

80

Lat.

Lon.

County of *Lancashire*

Rain Gauge, by

Observer *H. Cress*

June 4

Diameter					8						
Height					1.0						
Altitude					552T						
Year.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January					4.90	2.75	5.25	3.00	1.41	2.30	
February					3.30	3.70	4.0	2.50	1.15	2.55	
March					3.20	4.10	4.10	2.10	3.95	3.45	
April .....					.25	1.90	2.60	1.90	2.25	2.10	
May					3.25	1.90	4.85	1.55	1.40	4.10	
June .....					.90	2.50	1.86	.30	1.60	1.55	
July					7.00	2.05	5.60	2.65	7.65	3.00	
August					1.80	2.85	3.25	1.60	3.30	6.55	
September...					4.50	6.10	6.50	4.65	2.55	2.60	
October					3.90	4.00	5.80	2.55	2.45	5.25	
November...					1.90	3.60	4.25	3.30	4.20	2.15	
December...					4.50	1.60	5.65	(2.90)	3.70	.85	
TOTALS					39.40	37.05	50.11	(29.00)	35.61	36.45	

1887 Dec. Old Gauge Basin

1884 *Lulmore Church 1 mile N.W.*

Gauge House 15ft high 45ft S.

1887 *Gauge found to have been emptied in December*

RAINFALL AT Quernmore Brow Top

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer _____

J. Cook Esq C.E.

June 4.

Diameter	8										
Height	10										
Altitude	552										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.00	2.46	2.96	1.68	3.73	1.89	2.53	.74	4.66	5.60	3.325
February ....	.85	.40	1.81	4.68	4.78	.26	1.77	3.29	3.42	1.95	2.321
March	4.60	1.45	.48	1.64	3.28	4.35	5.56	5.44	1.41	2.10	3.031
April	1.65	2.20	1.47	.45	1.43	2.47	2.16	2.60	2.81	3.80	2.104
May	2.25	.75	5.55	1.47	2.50	.73	.52	2.20	2.82	3.29	2.208
June	3.65	.95	3.65	2.48	2.99	2.35	3.20	3.77	2.81	2.13	2.798
July	2.10	3.30	1.58	3.41	3.15	6.72	4.76	1.66	.50	2.21	2.939
August	26.00 2.45	11.09	6.34	4.16	4.60	4.36	3.95	6.20	6.01	2.20	5.076
September....	4.00	6.80	7.92	4.91	.38	.90	5.58	4.88	1.96	5.51	4.254
October	3.35	5.15	4.46	6.36	3.47	5.02	3.83	2.31	4.16	3.91	4.202
November....	6.40	5.40	3.09	2.46	3.49	3.14	1.74	5.69	4.27	4.46	4.014
December65	7.25	2.30	3.58	3.22	2.90	5.28	5.55	4.16	3.68	3.867
TOTALS	38.35 (1250)	47.20	41.61	37.28	37.02	35.09	40.88	44.33	38.97	40.84	574 40.29

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1890 August Gauge tampered with.

RAINFALL AT *Quemasse Pond Top*

Lat.

Lon.

County of *Lancashire North*

Rain Gauge, by

Observer *J. Cook Esq. C.E.*
J. C. Mount Esq. C.E.

June 4

Diameter ..	8										
Height	1.0										
Altitude ..	552 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.89	1.92	2.87	4.95	4.53	2.48	5.59	2.14	4.60	2.11	3.608
February ..	4.21	1.81	1.06	4.36	4.14	1.87	3.22	1.87	2.66	2.94	2.814
March ....	.85	3.43	3.17	4.47	2.88	3.38	3.61	4.23	3.10	3.73	3.285
April	2.79	2.37	2.04	2.36	3.82	3.07	1.74	1.75	2.27	4.10	2.631
May	2.26	1.14	3.57	3.63	3.29	1.43	5.93	4.24	2.56	2.45	3.050
June	3.52	2.15	1.27	2.01	1.65	2.04	3.69	8.71	2.67	3.03	3.074
July	3.23	1.66	4.78	4.41	2.61	2.66	3.07	4.57	4.14	8.50	3.963
August	6.15	3.85	3.07	8.13	3.61	4.36	5.59	6.01	4.45	4.14	4.936
September ..	2.61	1.50	1.42	6.14	1.96	3.94	1.63	1.08	5.26	3.22	2.876
October	7.50	4.77	4.21	9.99	3.50	3.71	8.19	5.75	1.80	6.20	5.562
November ..	4.29	4.71	3.15	4.08	3.40	4.78	4.03	4.29	4.27	2.36	3.936
December ..	5.93	4.62	3.80	3.64	3.39	1.48	3.44	5.36	3.42	8.30	4.333
TOTALS ..	48.23	33.93	34.41	58.17	38.78	35.20	49.73	50.00	41.20	51.08	44.073

Hub

RAINFALL at Quernmore Burn TopCounty of North LancashireObserver A. G. Bradshaw Esq.J. Hill Esq.River Basin Lune 4

Rain Gauge, by _____

Diameter ...	8										
Height	10										
Altitude ...	552 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.66	1.63	4.17	3.95	5.14	5.97	4.81	2.94	4.39	5.70	
February ...	5.24	4.86	2.12	2.51	4.74	6.45	4.02	1.31	5.43	1.52	
March	1.29	3.02	6.69	4.69	5.44	2.87	1.95	2.48	2.15	6.00	
April	3.17	4.00	1.04	5.61	1.19	3.30	3.24	1.71	1.20	2.12	
May	2.67	2.74	2.38	2.94	3.37	1.66	3.73	2.07	1.85	1.84	
June	2.54	3.59	6.90	3.22	1.74	.94	2.48	3.18	2.66	2.04	
July	5.49	1.08	5.88	1.65	5.10	4.77	3.30	2.18	5.51	1.95	
August	7.60	4.84	5.43	3.25	3.57	4.53	4.12	9.70	5.19	4.96	
September ..	.68	4.33	2.21	3.74	3.16	.81	3.65	6.74	9.97	3.44	
October ...	2.76	4.42	4.61	2.85	1.95	1.13	9.39	6.73	5.86	3.25	
November ..	4.80	5.71	7.17	5.80	6.55	2.37	4.29	6.59	3.21	2.76	
December ...	4.44	6.03	4.79	4.25	7.12	8.68	3.68	2.95	9.86	6.38	
TOTALS ...	46.37	48.25	53.42	44.59	49.07	43.48	48.56	48.52	57.28	41.96	

+ Inspected

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

RAINFALL at Quernmore, D. Grow TopCounty of N. LancashireObserver F. Hill Esq. C.E.River Basin Lune HWater Eng. Lancs. Coal.

Rain Gauge, by _____

Diameter ...	8										
Height	1 0										
Altitude ...	552										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS 1930
January ...	4.66	7.40	4.47	4.96	4.11	3.08	5.62	4.60	11.46	1.83	7.39
February ...	3.36	3.0	5.78	6.37	.78	6.17	5.22	3.16	5.70	1.10	.15
March	5.39	4.96	2.86	1.10	1.72	1.31	1.49	3.66	4.77	1.25	3.02
April	6.10	1.61	2.14	3.72	2.00	2.13	2.12	1.93	2.08	1.26	1.93
May	6.10	3.52	4.55	3.27	5.83	3.65	3.01	1.81	.69	2.30	1.20
June	2.46	.39	3.27	1.25	3.67	.62	3.68	3.71	8.05	1.66	2.71
July	6.93	1.23	5.80	5.14	3.19	2.48	4.38	4.32	5.41	4.25	4.24
August	2.04	6.62	6.09	5.47	6.29	3.94	3.67	7.18	5.76	4.31	8.07
September...	3.43	2.45	4.86	5.12	5.67	3.14	5.73	8.15	2.97	2.96	3.13
October	1.68	2.79	1.14	7.69	5.91	5.89	3.65	4.66	6.76	8.06	9.30
November...	3.25	2.12	3.32	6.60	3.30	2.22	5.49	6.41	6.90	8.68	5.47
December...	3.37	7.46	5.98	5.50	6.59	3.26	1.32	1.58	4.40	8.64	5.18
TOTALS...	48.77	40.85	50.26	56.19	49.06	37.89	45.38	51.17	63.75	49.50	51.79
							D	D	D	D	D

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
1926	54° 1' 18"	2° 43' 35"	Galgate	3 ³ / ₈ m.	SW.	Quernmore (St. Peter's)	1 m.	NNW.

RAINFALL at Quernmore (Brow Top)County of North LancashireObserver F. Hill, Esq. C.E.River Basin Lune - 4

Type of Gauge.....

Annual Average 43.1 in. based on 46 years obs. un-weighted. Period of average 1881-1915 Ref. 5

678707/26.

Diameter	8.											
Height	1.0.											
Altitude	552.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.34	5.17	3.31									
February	4.73	04	3.55									
March	6.1	2.39	2.43									
April	2.54	2.62	1.64									
May	2.14	5.82	2.78									
June	7.04	1.17	2.18									
July	6.16	8.17	3.40									
August	4.35	1.98	2.56									
September	3.69	6.25	1.19									
October	3.35	5.60	5.11									
November	7.12	3.03	1.91									
December	3.23	2.91	5.54	#								
TOTALS	51.30	45.15	30.60									
	2.	2	2.10									

v/s. Gauge moved 0.9 mile down valley near
Damas Gile Res. see Encl 17 & 17b. f 678707/26.

1933 Year. Run up.

Inspected 1934: Gauge not standard and is leaking. Recommended that gauge be abandoned and new gauge
set up in site selected just to southwest of the road. As ground is liable to slight flooding
the ground should be raised not more than 3 inches for a distance 2 to 3 ft. round gauge and
latter be surrounded by a turf wall.

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

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