

RAINFALL AT Burnley Eastwistle No. 80

Lat.

 Lon. County of Lancashire

Rain Gauge, by

 Observer W. Williamson, Esq.
Ribble & Co. L.

Diameter		8	8								
Height		1. -	1. -	2.0							
Altitude		1310	1310	T							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...			4.25	6.17	6.95	2.72	6.50	2.67	2.38	2.00	
February ...			4.24	5.40	4.74	5.11	4.6	1.17	1.36	1.78	
March			4.91	1.24	3.83	3.55	3.76	2.28	3.71	3.71	
April		1.50	6.57	2.61	2.73	3.34	3.27	1.44	2.69	3.07	
May		3.87	2.09	1.57	2.00	3.39	5.37	2.54	1.38	2.55	
June		2.93	6.16	4.81	1.33	4.61	2.58	4.0	3.31	.60	
July		7.05	7.63	4.05	6.08	2.28	5.10	3.11	5.72	4.12	
August		5.55	4.72	3.52	2.03	2.12	3.01	2.19	4.10	5.96	
September ...		2.72	2.90	8.87	3.53	6.07	4.25	6.55	1.46	3.05	
October		4.56	5.48	6.26	3.96	8.12	7.75	3.54	2.06	5.73	
November ...		6.41	8.16	5.47	2.29	4.31	4.38	4.23	9.53	2.05	
December		4.50	5.28	4.96	6.22	2.50	6.68	3.23	3.21	3.07	
TOTALS			62.37	54.93	45.69	48.12	53.61	33.32	40.91	37.69	

RAINFALL AT Burnley Eastwistle Moor

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer W. Williamson Esq

Ribble & Co.

Diameter	8										
Height	2 0										
Altitude	1310 ^T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.94	2.54	3.41	1.49	4.00	4.15	1.98	1.91	4.11	7.06	3.562
February ....	.88	.60	2.34	5.07	4.73	.55	2.32	3.54	3.62	2.29	2.594
March	3.51	2.22	1.00	1.06	3.32	4.16	5.09	5.69	2.46	2.94	3.115
April	1.18	2.40	1.19	.88	2.41	3.05	2.61	3.72	3.35	4.14	2.493
May	2.95	3.50	4.77	2.39	2.52	.81	.96	2.47	3.98	3.79	2.814
June	4.15	1.61	4.20	3.59	3.74	2.92	3.29	4.36	3.68	1.52	3.306
July	3.57	4.05	2.15	3.70	4.67	5.41	2.23	2.56	1.15	2.60	3.209
August	6.53	9.15	5.26	5.50	5.18	4.56	2.90	6.34	5.21	1.99	5.262
September....	3.38	3.81	3.78	5.23	.30	2.02	8.20	5.73	1.70	7.10	4.125
October	3.20	5.38	7.76	4.45	5.46	4.90	5.57	2.27	5.35	3.43	4.777
November	7.71	4.99	2.38	3.60	3.44	5.34	2.49	4.60	3.56	2.52	4.063
December ....	.66	10.69	2.17	4.29	3.80	4.78	6.59	6.48	5.54	3.45	4.515
TOTALS	42.66	50.94	40.41	41.25	43.57	42.68	44.23	49.67	43.71	42.83	44.195

RAINFALL AT *Burnley Eastwistle Moor Top*

Lat.

Lon.

County of *Central Lancashire South*

Rain Gauge, by

Observer *W. Williamson Esq*

Ribble .1.

Diameter ..	8										
Height	2.0										
Altitude ..	1310 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.91	2.71	3.93	4.78	4.78	2.15	6.80	2.09	3.70	2.42	3.927
February ..	4.81	2.62	1.70	5.07	5.16	2.52	3.19	2.53	2.90	2.72	3.322
March	1.03	3.47	3.12	6.65	2.96	3.74	3.37	3.25	3.78	3.36	3.473
April	2.58	3.30	3.11	2.71	2.82	3.76	1.38	2.70	2.78	4.10	2.924
May	2.75	1.53	4.13	3.83	3.22	1.00	4.08	4.10	2.94	2.67	3.025
June	4.55	1.84	1.92	2.33	1.23	2.96	1.72	6.38	2.28	3.51	2.872
July	3.76	1.86	4.12	4.76	3.21	2.70	2.37	2.85	5.30	6.47	3.740
August	6.72	2.77	3.16	5.74	5.40	5.54	4.39	4.28	4.59	4.01	4.660
September ..	1.86	1.74	2.02	5.71	1.83	3.31	1.32	90	4.21	2.82	2.572
October	6.12	3.96	4.75	11.57	1.78	3.81	7.28	6.28	2.44	5.27	5.326
November ..	4.43	6.41	3.36	3.41	3.44	5.64	5.40	2.43	3.33	1.88	3.973
December ..	5.24	5.49	4.27	3.17	3.25	1.38	4.00	4.82	3.13	5.78	4.053
TOTALS ..	49.76	37.70	39.59	59.73	39.08	38.51	45.30	42.61	41.38	45.01	43.867

Southon Church 3 miles SW (1907)
2 9 miles N

Holme Station 3 1/2 " W

1907. *Burnley Station* 4 miles

Hals

RAINFALL at Burnby Linnets Moss TopCounty of Central LancashireObserver W. WilliamsRiver Basin Ribble & C 1

S. Paulson Esq. 1918.

Rain Gauge, by

Diameter ...	8											
Height	2 0											
Altitude ...	1310 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	5.75	2.38	5.42	5.66	4.26	6.51	4.50	3.06	3.11	6.00		
February ...	5.13	4.96	2.34	2.12	3.74	6.54	5.56	1.02	5.88	1.74		
March	1.33	2.43	5.84	6.32	5.42	2.27	4.00	3.27	1.90	6.25		
April	4.17	2.38	1.04	5.79	1.54	2.30	3.20	2.07	1.33	2.54		
May	2.82	2.13	3.06	4.79	2.33	1.90	3.34	2.10	2.36	1.81		
June	3.16	5.39	7.24	2.52	2.27	.73	8.21	3.04	2.45	1.81		
July	4.46	.51	5.68	1.73	3.76	5.07	3.17	1.94	3.45	2.77		
August	6.50	2.69	7.80	2.65	2.99	5.11	3.84	8.35	3.64	3.89		
September ..	.57	3.97	2.51	1.70	3.10	1.03	2.49	2.70	11.01	2.16		
October ...	4.30	4.09	4.63	2.40	2.95	1.86	9.99	7.44	4.08	3.24		
November ..	5.33	4.91	4.13	6.00	6.83	2.47	4.37	4.17	3.24	4.41		
December ...	5.79	8.39	5.39	3.21	7.79	8.13	4.19	2.89	7.86	7.53		
TOTALS ...	49.31	44.23	55.08	44.89	46.98	43.92	51.86	42.05	50.31	44.15		

+ Inspected

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

RAINFALL at Burnley Extensive Moss Lcp.County of G. Lancashire Observer A. Paulineau Esq.River Basin Ribble & C. 1 Burnley Corp. W.L.Splaishe Rain Gauge, by (126)

Diameter ...	3											
Height	2 0										1 0	
Altitude ...	1310											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930	
January ...	5.30	8.93	4.96	5.58	3.64	4.63	6.16	5.28	9.91	2.32	6.01	
February ...	3.55	7.2	4.99	7.52	1.44	3.15	4.32	2.63	4.71	1.90	.79	
March	4.50	3.86	3.69	2.12	1.55	1.03	2.29	4.61	3.94	1.04	2.90	
April	7.13	2.03	4.09	4.16	2.53	3.61	2.19	3.56	1.32	1.29	3.55	
May	6.29	2.93	2.22	4.30	5.39	4.44	4.21	1.62	1.64	2.66	1.78	
June	2.40	2.7	3.03	1.35	3.17	1.3	3.97	3.46	6.41	1.70	1.32	
July	7.31	2.27	5.49	5.88	4.62	1.99	2.92	3.63	1.64	3.01	5.57	
August	2.19	6.58	6.65	6.86	6.30	4.78	4.66	6.50	6.19	3.43	6.22	
September...	3.05	2.21	4.96	6.83	5.69	3.90	3.83	5.70	0.93	1.34	4.04	
October	3.10	3.09	1.56	6.25	4.89	6.42	3.65	4.56	5.88	5.26	5.67	
November...	2.93	2.77	3.18	6.95	2.87	2.92	8.53	4.13	5.92	4.52	5.70	
December...	4.18	7.48	5.58	4.67	6.77	4.29	2.44	1.47	2.81	8.58	4.60	
TOTALS...	51.93	43.14	30.40	62.47	49.38	47.09	49.22	47.15	51.39	39.08	48.65	

1929. Low not printed.
1930. Low not printed.Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1926			Burnley	3 m.		Burnley	3 m.	

RAINFALL at Burnley (Extricate (near Top))

County of C. Lancs.Observer S. Paulinson, C.E.River Basin 1- Ribbles & c.J. Shepherd Esq. 21/4/5 (1933) C.E. (1933)Type of Gauge GlaisherAnnual Average 44.5 in. based on 48 years obs. un-weighted. Period of average 1881-1915 Ref. 56614.44 6/26

Diameter	8"										
Height	1' 0"										
Altitude	1310'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.15	4.94	3.49	3.88	1.76	4.54	3.73				
February	3.97	4.0	3.23	2.53	6.07	2.85	5.22				
March	5.0	2.68	2.59	3.04	1.59	2.37	2.05				
April	3.72	3.34	2.04	3.34	2.93	1.20	3.12				
May	2.37	4.56	2.52	2.68	1.10	1.18	2.42				
June	5.92	9.5	2.27	2.44	4.52	3.95	1.87				
July	3.93	3.47	2.97	2.38	1.65	4.23	1.70				
August	4.65	1.26	1.44	4.25	1.73	2.97	1.85				
September	4.25	5.34	2.01	3.82	6.65	4.16	2.01				
October	2.23	6.25	4.33	5.26	8.33	4.42	2.41				
November	7.72	2.84	3.14	2.17	5.21	4.71	1.97				
December	2.08	2.19	6.1	6.70	3.58	4.74	3.10				
TOTALS	46.49	38.22	30.64	40.49	45.12	41.32	31.45	#			
	wnp	wnp	wnp	wnp	wnp	wnp	wnp				

1931. Low. N.P.

1932. Low. N.P.

1933 low n.p.

1934 n/p.

1935 n/p low.

1936 n.p. low.

1937 inspected 16/9/37 G. badly over-exposed on moor. Site selected for new 5 in G.

Gauge abandoned 12/37.

1937 n/p low.

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 Direction from gauge	Parish Church.	Distance Direction from gauge

RAINFALL at *Estuette Moss Top* ^(Burnley W. V.) _(new gauge)County of *Central Lancs* Observer *J. Shepherd Esq, A.I.W.E. C.E.*River Basin *1 - Ribbles*

Type of Gauge

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

Ref
65444626

Diameter								5			
Height								1.0			
Altitude								1208			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January								6.26	6.69	2.73	
February								2.23	4.70	1.85	
March								2.38	3.09	3.06	
April								.94	2.36	3.61	
May								4.15	1.76	1.20	
June								4.31	3.26	.93	
July								5.12	7.08	4.88	
August								6.42	3.95	2.42	
September								2.14	1.55	4.12	
October								10.77	2.32	5.02	
November							# 2.00	7.71	7.46	7.74	
December							3.36	5.95	3.19	5.01	
TOTALS							imp.	58.38 w	47.36 w	42.57 w	

new Gauge, new Site. about 260 yds. N.E. of old gauge
1940 Jan. part estd for snow

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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

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

Extraville

RAINFALL at *Extraville from top (Barby 1861)* Station No. *TE 2962/6* 41

County of *Central Lancs* Observer *Jack Shepherd O.M. 9th B.E.*

River Basin *Ribble & C. - 1*

Type of Gauge

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

File No. *664446/26*

Diameter	5"										
Height	1'0"										
Altitude	1308'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.15	5.55	7.31	7.43	4.81	5.86	5.02	9.98	3.60	4.18	
February	7.04	2.13	3.50	2.78	5.80	6.94	2.50	3.54	4.51	6.24	
March	4.76	4.40	1.28	.86	1.84	1.66	7.59	2.97	2.48	2.95	
April	2.71	2.18	2.63	2.99	2.76	1.36	5.35	2.80	4.53	3.59	
May	2.55	3.73	3.35	3.52	4.86	2.03	2.98	1.66	2.77	2.28	
June	.46	1.42	3.74	4.12	4.61	3.42	3.49	5.69	.65	3.04	
July	1.98	5.38	3.08	3.27	2.96	3.95	4.68	2.24	2.49	5.65	
August	5.99	4.05	6.60	3.88	4.20	7.63	.27	4.85	3.48	7.60	
September	.73	2.97	4.84	6.95	3.10	8.40	3.40	3.54	1.41	9.36	
October	5.22	8.07	3.19	5.22	6.50	1.29	1.36	2.67	6.05	3.25	
November	3.47	1.23	3.77	8.70	.61	9.42	7.32	2.79	7.26	6.57	
December	3.33	4.53	3.02	5.57	3.41	5.31	4.10	5.25	7.93	3.58	
TOTALS	40.44 w	45.70 w	46.31 w	55.29 w	45.46 w	57.27 w	48.06 w	47.98 w	47.16 w	58.26 w	

X

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

Station No.
at Extwistle near Tod & Burnley W.W.

Station No. 2968/6 TR 67

Observer *J. Shepherd Esq. C.E.*

[illegible]Type of Gauge..... M. I

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

File No. 664446/26

Diameter	...	5"			574	332						
Height	...	1' 0"				1			10"			
Altitude	...	1308'				51			1245'			
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	...	6.52	6.31	1.93	4.86	2.75	5.87	4.88	6.29	3.86	6.10	
February	...	4.57	1.96	2.46	3.72	3.13	1.96	5.12	4.30	.82	5.28	
March	...	5.74	2.36	2.35	3.96	2.91	2.12	4.83	2.34	2.17	1.74	
April	...	3.14	3.47	3.79	.93	2.70	3.77	.33	1.55	4.00	3.40	
May	...	2.80	2.16	2.90	4.31	4.54	2.24	1.67	5.53	1.99	2.24	
June	...	1.75	3.33	3.21	3.39	3.51	2.90	2.20	5.47	3.81	1.23	
July	...	5.48	2.99	6.46	6.18	1.03	5.85	6.27	4.03	3.44	7.66	
August	...	4.89	6.31	7.13	8.33	1.27	12.60	7.00	5.16	.86	7.15	
September	...	2.87	4.97	5.48	6.11	3.84	5.15	7.07	5.41	.27	3.32	
October	...	1.41	5.75	2.49	8.73	3.69	2.81	6.34	4.64	5.96	6.26	
November	...	9.51	2.87	6.35	8.80	3.81	2.23	2.94	1.87	6.41	8.16	
December	...	10.34	4.84	2.25	8.51	6.38	6.86	6.63	5.91	8.86	6.34	
TOTALS	...	590.2 w	47.32 w	46.80 w	67.83 w	39.56 w	54.36 w	55.28 w	57.50 w	42.45 w	58.88 w	

1952. looks low but accept.
1956 Jan ascended 599 again.
1958 APR. 1800 ft. Reasonable site but time well to be made up.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference **SD 907 338**

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1955			Burnley Central	4 m	£ W	Worsbarn	2 m	£ W

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			Camp 1937	✓	