

RAINFALL AT Burnley N.W. (Rams' Clough Head)

Lat. _____ Lon. _____ County of Lancashire
 Rain Gauge, by _____ Observer W. Williamson Esq.

Ribbles 6. 1.

Diameter				8							
Height				2							
Altitude				1260							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January... ..				5.08	5.48	2.30	6.36	2.57	2.08	1.86	
February				3.52	3.76	4.32	.88	.97	1.01	1.62	
March .....				.85	3.23	2.64	2.96	2.03	3.25	3.28	
April				2.38	2.24	2.48	2.68	1.43	2.50	2.62	
May				1.31	1.90	3.13	4.71	2.21	1.32	2.63	
June				4.87	1.26	3.80	2.40	.41	3.27	.70	
July			⁴⁵ 6.46	3.53	5.46	1.64	4.15	2.65	5.36	3.97	
August			4.53	2.59	2.10	1.89	2.33	1.73	4.55	5.82	
September....			2.73	7.66	2.91	5.11	3.57	5.24	1.30	2.71	
October			4.92	5.40	3.28	6.83	6.36	2.49	1.93	4.92	
November....			7.18	4.53	1.75	3.11	3.78	3.33	7.43	1.89	
December			4.29	3.58	5.37	1.95	5.84	3.13	3.05	2.87	
TOTALS				45.30	38.74	39.20	46.01	28.13	37.05	34.89	

Rejected from Survey : 6" too Low.

RAINFALL AT *Burnley W.H. Rams Clogh Head*

Lat. _____

Lon. _____

County of *Lancashire*

Rain Gauge, by _____

Observer *W. Williams. Esq*

Ribble & b. 1

Diameter	8											
Height	2 0											
Altitude	1260											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.21	2.41	3.34	1.36	3.74	4.10	1.98	2.02	3.95	6.76	2.487	
February ....	.74	.50	2.23	4.84	4.33	.56	2.21	3.39	3.54	2.04	2.428	
March	3.49	2.23	.97	1.03	3.25	4.05	5.31	5.39	2.43	2.44	2.059	
April	1.13	2.20	1.18	.81	2.38	2.87	2.36	3.15	3.08	3.61	2.277	
May	2.84	3.64	4.48	2.22	2.52	.83	.90	2.31	3.92	3.23	2.679	
June	3.95	1.42	3.89	3.53	3.47	3.18	2.75	3.89	3.19	1.46	2.073	
July	3.38	3.79	2.10	4.11	4.83	5.41	2.18	2.52	1.16	2.39	3.189	
August	6.19	8.60	5.12	4.68	4.89	4.50	2.61	6.44	4.53	1.68	4.924	
September....	3.11	3.58	3.53	4.40	.33	2.03	7.60	5.59	1.53	6.45	3.815	
October	2.88	4.95	6.31	3.92	5.40	4.99	5.49	2.23	5.09	3.05	4.431	
November....	6.91	4.24	2.32	2.89	3.23	5.26	2.19	4.50	3.20	2.13	2.687	
December ....	.64	7.81	1.79	3.82	3.75	4.98	6.53	6.47	5.04	3.23	4.407	
TOTALS ...	40.47	45.37	37.26	37.72	42.12	42.76	42.11	47.90	40.66	38.47	41.484	

Rejected from Survey : 6" too low.

RAINFALL AT *Burnley W.W. Rams Blough Head*
Central
 Lat. Lon. County of *Lancashire South*
 Rain Gauge, by Observer *W Williamson Esq*

Ribble 1

Diameter ..	8										
Height	2 0										
Altitude ..	1260										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	5.11	2.54	3.76	4.36	4.18	1.89	6.04	1.80	3.54	2.48	3.570
February ..	4.53	2.29	1.63	4.46	4.68	2.24	2.94	2.30	2.86	2.67	3.060
March ....	.89	3.27	2.76	5.99	2.57	3.34	2.98	3.11	3.67	3.30	3.188
April	2.26	2.95	2.60	2.35	2.63	3.46	1.27	2.25	2.70	3.77	2.614
May	2.43	1.32	3.47	3.15	3.08	.90	3.70	3.67	2.71	2.48	2.691
June	3.90	1.51	1.62	1.99	1.20	2.77	1.60	5.83	2.01	3.18	2.561
July	3.50	1.75	3.50	4.04	3.21	2.39	2.27	2.68	4.84	6.28	3.446
August	5.88	2.41	2.88	4.89	5.00	5.05	4.06	3.94	4.39	3.61	4.211
September..	1.50	1.54	1.73	5.31	1.55	2.83	1.21	.81	4.09	2.56	2.313
October	5.19	3.63	4.26	10.45	1.72	3.53	6.49	5.78	2.19	4.79	4.803
November ..	3.75	6.12	3.14	2.85	3.25	5.13	4.98	2.31	3.37	1.68	3.658
December ..	4.66	5.22	3.93	2.82	3.02	1.10	3.78	4.42	3.17	5.36	3.758
TOTALS ..	43.60	34.65	35.18	52.66	36.09	34.63	41.32	38.90	39.54	42.16	39.873

1903 Wanthorpe Church ^{1 1/4} 2 miles W
 Burnley Station ^{3 1/2} 5 " W
 Holme Station 3 1/2 " W

Rejected from Society 6" too low

Hills

RAINFALL at Pans Gough Head Bumbley W.V.County of Central LancashireObserver W. Williamson Esq.River Basin Ribble + C 1

S. J. Rawlinson Esq. 1918

Rain Gauge, by _____

Diameter ...	8											
Height	20											
Altitude ...	1260T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	5.20	2.24	5.20	5.51	4.01	6.29	4.11	2.93	2.89	5.34		
February ...	4.93	4.74	2.20	2.09	3.54	6.27	5.33	.95	5.23	1.66		
March	1.22	2.27	5.62	5.87	4.96	2.05	3.88	3.10	1.76	5.94		
April	3.85	2.29	1.13	5.73	1.43	2.15	3.07	2.00	1.25	2.31		
May	2.62	2.15	2.79	4.47	2.31	1.72	3.16	1.83	2.30	1.87		
June	3.04	5.21	6.93	2.26	2.20	.83	3.02	2.73	2.13	1.64		
July	4.08	.50	5.49	1.79	3.77	4.66	2.88	1.75	3.35	2.66		
August	5.85	2.55	7.21	2.53	2.85	5.05	3.55	7.54	3.40	3.44		
September ..	.52	3.76	2.40	1.62	2.97	.95	2.23	2.33	10.17	1.88		
October ...	3.92	3.92	4.48	2.20	2.72	1.59	9.49	7.38	3.62	2.93		
November ...	5.01	4.61	3.94	5.37	6.63	2.36	4.03	3.81	3.17	4.03		
December ...	5.52	7.78	5.09	3.01	7.45	8.00	4.07	2.81	7.33	6.57		
TOTALS ...	45.86	42.02	52.58	42.45	44.84	41.92	48.82	39.16	46.60	40.27		

Reflected from Survey : 6" too low.

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

RAINFALL at Panns Blough Head Burnley H.W.County of C. LancashireObserver L. Paulinson EsqRiver Basin Ribble & C 1Rain Gauge, by
(126)

Diameter ...	9											
Height	2 0										1 0	
Altitude ...	1260											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS 1920	
January ...	4.51	3.07	4.40	4.59	3.48	3.97	5.79	4.59	9.99	2.41	5.89	
February ...	3.21	.66	4.50	6.78	1.41	7.89	3.94	2.37	4.85	.95	.80	
March	4.20	3.37	3.21	2.07	1.53	1.69	2.05	4.19	3.90	1.09	2.87	
April	6.34	1.93	3.90	3.94	2.34	3.35	2.14	3.29	1.25	1.37	3.52	
May	5.57	2.64	2.10	3.86	5.01	4.04	3.98	1.45	1.69	2.83	1.95	
June	2.28	.24	2.76	1.20	2.90	.10	3.89	3.44	6.32	1.71	2.07	
July	6.98	2.12	5.15	5.60	4.24	1.92	2.54	3.65	1.63	2.96	5.89	
August	2.00	6.22	5.97	6.18	6.14	4.36	4.24	6.42	6.24	3.71	6.89	
September...	2.79	2.08	4.47	6.09	5.35	3.74	3.48	5.68	0.90	1.44	3.91	
October	2.85	2.92	1.42	5.61	4.32	5.84	3.39	4.60	6.09	5.52	6.15	
November...	2.61	2.49	2.86	6.39	2.48	2.63	7.61	4.35	6.04	7.87	5.80	
December...	3.80	6.44	5.30	4.68	5.98	3.96	2.05	1.49	2.90	6.93	4.41	
TOTALS...	47.44	39.23	46.04	56.99	45.18	43.19	45.10	45.52	51.88	40.81	50.15	

Referred from Survey 6" too low

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			Burnley	3 m.		Burnley	3 m.	

RAINFALL at Ran's balough Head (new gauge)County of C. LancasterObserver J. Shepherd Esq., A.M.C.E.River Basin Ribble & C. 1

Type of Gauge.....

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

Diameter							5"				
Height								1.0			
Altitude								1236			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January								6.45	7.04	2.86	
February								2.16	4.81	1.97	
March								2.36	3.15	3.20	
April .....								.97	2.47	3.75	
May								4.22	1.78	1.18	
June								4.27	3.30	.90	
July								5.08	6.90	4.76	
August								6.40	3.47	2.47	
September								2.22	1.55	4.19	
October								10.79	2.30	5.00	
November						#	2.09	7.82	7.68	7.97	
December							3.17	5.82	3.07	5.01	
TOTALS							imp.	58.58 W	48.02 W	43.26 W	

1940 Jan. part. estd. for snow.

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.

RAINFALL at Rams Clough Head (Burnley W.W.)

County of Central LancashireObserver S. Rawlinson, Esq., C.E.River Basin Ribbles C.J. Shephard Esq., C.E. (1933)Type of Gauge Standard

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

66446/26.

Diameter	8.										
Height	1.0.						0 9				
Altitude	1260.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.61	4.94	3.48	3.84	1.95	4.84	3.90				
February	4.35	4.7	3.33	5.4	5.91	2.99	5.16				
March	5.9	2.73	2.53	3.11	7.54	2.50	2.00				
April	3.89	3.35	1.99	3.16	3.08	1.17	3.10				
May	2.33	4.45	2.47	2.69	1.04	1.22	2.51				
June	5.97	9.6	2.12	2.46	4.31	3.94	1.93				
July	3.92	3.70	3.08	2.50	1.70	4.42	1.71				
August	4.71	1.26	1.55	4.23	1.74	3.07	1.63				
September	4.18	5.48	2.06	3.55	7.06	4.18	2.03				
October	2.32	6.54	4.43	5.41	8.68	4.48	2.46				
November	7.63	2.91	3.12	2.07	5.41	4.72	2.06				
December	2.13	2.22	6.5	6.86	3.31	4.93	2.93				
TOTALS	47.63	39.01	30.81	40.42	45.73	42.46	31.62				
	w	w	w	w	w	w	w				

1933 not published. Low.

1935 n/p. Low.

1936 Low n/p.

1937 suspected 10/19/37. G. badly overexposed. New site selected.

1937 n/p. Low.

1937 Gauge abandoned 12/37

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

Station No. 2961/1

RAINFALL at Ram's* Clough Head (Burnley N.W.) 41County of Central LancashireObserver J. Shepherd Esq. C.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"			574	333						
Height	1'0"				1						
Altitude	1236'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.34	5.21	7.21	7.27	4.75	5.83	4.88	11.13	3.50	4.22	
February	6.86	2.26	3.50	2.73	5.74	6.89	2.59	3.73	4.21	4.92	
March	4.77	4.27	1.24	.81	1.81	1.65	7.61	2.85	2.31	3.14	
April	2.40	2.11	2.55	2.31	2.68	1.29	5.22	3.09	4.51	3.54	
May	2.59	3.64	3.27	3.46	4.77	1.96	2.85	1.66	3.05	2.43	
June	.46	1.33	3.70	4.01	4.55	3.40	3.19	5.92	.78	2.97	
July	1.95	5.26	3.01	3.21	2.89	3.87	4.33	2.58	2.48	5.39	
August	6.08	3.31	6.45	3.78	4.24	7.53	.27	4.84	3.29	7.38	
September	.71	2.85	4.72	6.35	3.09	8.31	3.32	3.57	1.46	8.72	
October	5.18	7.96	3.14	5.14	6.43	1.28	1.40	2.70	6.76	3.25	
November	3.41	1.23	3.75	8.53	.59	9.30	7.20	2.81	7.93	6.61	
December	3.31	4.50	2.97	5.47	3.31	5.25	4.53	5.26	8.64	3.53	
TOTALS	40.39 W	44.53 W	45.51 W	54.33 W	44.85 W	56.56 W	47.39 W	50.14 W	18.92 W	58.10 W	

* No apostrophe appears on F. 1090 in Official Tables.

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

RAINFALL at S Rams Colough Head Burnley W. Ry. Station No. 2961/1 51
 County of Central Lancashire Observer J. Shepherd Esq.
 River Basin Ribble & C-1
 Type of Gauge M.H.I.

Annual Average 50.88 in. based on 19 years obs. un-weighted. Period of average 1915-35 Ref. 664546/36
 File No. 664546/36

Diameter ...	5"			574	333						
Height ...	1' 0"				1						
Altitude ...	1236'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.08	7.28	1.85	4.93	2.96	5.88	4.68	6.39	3.88	6.31	
February ...	4.62	2.07	2.50	4.00	3.33	2.02	5.50	(4.55)	7.6	5.29	
March ...	5.48	2.58	2.18	4.01	2.98	2.03	4.59	2.57	2.23	1.89	
April ...	2.97	4.08	3.78	.80	2.62	4.16	.33	176	4.08	3.34	
May ...	3.36	2.48	2.82	4.33	4.59	2.18	1.64	5.47	1.98	2.33	
June ...	1.80	3.42	3.34	3.58	3.46	276	2.15	5.33	3.77	1.25	
July ...	4.82	3.41	6.01	6.09	1.08	5.58	6.25	4.06	3.27	7.17	
August ...	5.15	6.34	6.48	8.33	1.37	12.62	7.13	4.98	.92	6.98	
September ...	2.96	5.06	4.81	6.20	3.88	4.72	7.08	5.39	.29	3.29	
October ...	1.69	6.91	2.53	8.84	3.68	2.58	6.57	4.64	5.89	6.25	
November ...	10.80	2.85	5.77	8.92	3.48	2.08	3.05	184	6.34	8.31	
December ...	10.51	4.84	2.34	8.83	6.31	6.62	6.78	6.04	9.02	6.34	
TOTALS ...	60.24	51.32	44.41	68.86	39.74	53.23	55.75	58.02	42.43	58.75	
	W	W	W	W	W	W	W	W	W	W	

1956 Jan amended M03, Eng agrees. March amended M03
 185P. APR. 1958 980K. Eng agrees. Turf wall needs ramming

20004

Position of Station on Ordnance One-Inch map : No. of Map 95 National Grid Reference SD 903 326

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1954			Burnley	4 m E	Worsthorne	1 3/4 m E

Summary of Earlier Records from 10-year Sheets :

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