

RAINFALL AT *Burnley H.W. (Cont. Clough No. 5. Stream)*

80

Lat.

Lon. County of *Lancashire*

Rain Gauge, by

Observer *W. Williamson Esq.*

Ribble & b. 1

Diameter			8	8							
Height			1.	- 2							
Altitude			900	900							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				5.80	5.68	2.39	6.06	2.55	2.13	1.79	
February				4.36	4.82	3.85	7.79	1.07	1.04	1.86	
March				1.49	3.87	2.86	3.10	1.97	3.46	2.91	
April				2.52	2.36	2.75	2.95	1.51	2.39	3.04	
May				1.22	1.81	3.09	4.88	2.41	1.28	2.69	
June				5.14	1.15	3.64	2.31	.55	2.78	.76	
July			# 5.85	3.66	5.64	1.53	3.98	3.49	5.41	3.56	
August			4.07	2.18	2.25	1.76	1.87	1.73	4.28	5.65	
September			2.52	7.29	2.68	5.01	3.60	5.57	1.09	2.51	
October			4.55	5.30	2.73	7.56	6.52	2.85	1.91	5.01	
November			6.73	4.72	1.52	3.31	3.70	3.89	8.35	1.81	
December			3.75	3.24	5.28	1.97	6.11	3.37	3.25	2.71	
TOTALS				46.92	39.79	39.72	45.87	30.90	37.37	34.30	

Rejected from Survey: 2. too low.

RAINFALL AT Burnley W. W. Cant Clough N Side

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer W. Williams Esq

Ribble + 6.1

Diameter	8											
Height	2 0											
Altitude	900					426 900						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.10	2.57	3.45	1.43	4.72	3.88	1.59	1.94	2.99	5.77	3.3111	
February ....	.86	.40	2.53	4.95	5.18	.59	2.20	3.26	2.61	2.01	2.459	
March	3.26	1.98	.92	1.20	3.88	3.51	4.96	5.12	1.89	2.18	2.890	
April	1.20	2.56	1.16	.83	2.37	2.75	2.05	3.03	2.54	3.39	2.188	
May	2.82	3.73	4.65	2.35	2.39	.82	.58	1.66	2.87	2.86	2.473	
June	3.84	1.47	3.89	3.63	2.77	2.93	2.53	3.67	2.87	1.39	2.899	
July	3.14	3.90	2.23	5.06	4.36	5.74	2.09	2.15	1.11	2.48	3.226	
August	6.30	8.66	5.06	4.65	4.23	4.22	2.38	6.28	4.00	1.53	4.734	
September....	2.77	3.47	3.53	4.25	.24	1.86	7.32	4.31	1.26	6.76	3.580	
October	2.77	5.13	6.58	4.17	4.93	4.46	5.15	1.99	4.21	2.86	4.225	
November....	7.36	4.59	2.47	3.09	3.27	5.11	2.20	4.01	2.74	1.99	3.683	
December ....	.92	8.74	2.36	4.78	3.35	4.16	5.76	5.21	4.39	2.98	4.265	
TOTALS . . .	40.34	47.20	38.83	40.45	41.69	40.03	38.81	42.63	33.48	36.20	39.966	

Rejected from Survey: 2" too low.

RAINFALL AT

Burnley W.W. Coast Clough N. side
Central
County of Lancashire South
Observer W. Williamson Esq.

Lat.

Lon.

Rain Gauge, by

Observer

Ribble: 1

Diameter ..	8										
Height	2.0										
Altitude ..	900				950			900			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.80	2.59	3.21	4.55	4.70	1.72	7.05	1.55	3.09	2.46	3.572
February ..	4.47	1.98	1.44	4.76	5.26	2.51	3.17	1.93	2.60	2.61	3.073
March ....	.78	3.13	2.43	6.55	2.49	3.81	2.77	2.81	3.32	3.41	3.150
April	2.02	2.62	2.37	2.43	2.66	3.47	1.25	2.20	2.86	3.65	2.553
May	2.32	1.30	3.47	3.27	3.13	.85	3.45	3.51	2.64	2.61	2.655
June	3.88	1.50	1.50	1.83	1.04	2.93	2.17	5.49	2.00	3.16	2.550
July	3.69	1.74	3.31	4.04	2.70	2.52	1.76	2.70	5.02	6.19	3.367
August	5.04	1.98	3.22	4.71	5.45	4.24	3.76	3.23	4.38	3.69	3.970
September ..	1.23	1.36	1.70	5.77	1.43	2.74	1.22	.70	4.53	2.89	2.357
October	4.97	3.43	4.30	11.07	1.73	3.80	6.58	5.58	2.25	6.04	4.875
November ..	3.71	5.54	2.98	2.63	3.28	4.93	4.45	2.49	3.41	1.58	3.500
December ..	4.57	5.39	4.23	3.27	3.60	.95	3.17	4.66	3.13	5.57	3.854
TOTALS ..	41.48	32.56	34.16	54.88	37.47	34.47	40.80	36.85	39.23	42.86	39.46

1904 Worsbrough Church $1\frac{1}{2}$ mile N
Holme Station $3\frac{1}{2}$ " W
Barn 20 fathoms 200 yards E
1907 Burnley Station $3\frac{1}{2}$ miles

Adjusted from Burnley 2° less down

10²⁹⁶⁰¹¹RAINFALL at Cart Clough North Side Burnley & (W)County of Central LancashireObserver W. Williamson EsqRiver Basin Pibble & C 1J. B. Paulin Esq. 1918

Rain Gauge, by _____

Diameter ...	8										
Height	2.0										
Altitude ...	900 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.69	2.04	4.98	5.10	3.66	6.02	3.80	2.59	2.66	4.87	
February ...	4.70	4.57	1.92	2.02	3.75	6.21	5.35	.84	4.83	1.81	
March	1.13	2.03	5.51	5.49	4.72	1.65	3.65	2.85	1.61	5.69	
April	4.16	2.21	.95	5.52	1.38	1.78	2.75	1.98	1.06	1.87	
May	2.60	2.78	2.95	3.97	2.26	1.59	2.87	1.38	2.00	1.69	
June	2.73	4.91	6.20	2.05	2.20	.78	2.43	2.26	1.39	1.47	
July	3.73	.56	5.21	1.35	3.72	4.12	2.56	1.77	3.53	2.30	
August	6.18	2.61	7.47	2.72	2.51	4.75	3.49	6.95	2.87	3.18	
September ..	.44	3.73	2.29	1.52	2.93	.95	2.04	2.25	10.05	1.59	
October ...	3.98	4.05	4.66	2.23	2.41	1.52	8.83	7.79	3.16	2.87	
November ..	5.17	4.94	3.55	5.01	6.62	2.53	3.65	3.20	2.26	3.59	
December ...	5.45	8.20	4.71	2.71	7.37	8.45	3.49	2.62	6.61	5.96	
TOTALS ...	44.96	42.63	50.40	39.69	43.53	40.45	44.94	36.48	42.03	36.89	

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

RAINFALL at Cant. Clough North Side Burnley N.W.County of C. LancashireObserver J. Paulson Esq.River Basin Pibble & C. 1Glaisher Rain Gauge, by
(126)

Diameter ...	8										
Height	2.0									1	0
Altitude ...	900										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930
January ...	4.33	6.75	4.24	3.74	3.02	3.50	5.16	4.13	10.00	2.13	8.50
February ...	2.54	1.51	4.26	6.46	1.00	7.11	3.74	2.24	4.73	.89	1.00
March	3.74	2.74	3.06	2.16	1.33	1.38	1.79	4.09	4.14	1.01	3.00
April	6.14	1.43	3.93	3.61	2.03	2.88	2.14	2.93	1.22	1.44	4.35
May	5.03	2.40	1.82	3.56	4.79	3.99	3.90	1.30	1.97	3.22	2.47
June	2.04	1.15	2.28	1.19	2.33	.05	3.91	3.69	6.76	1.56	2.37
July	6.63	2.08	5.10	5.58	3.54	1.55	2.41	3.48	1.67	2.69	6.64
August	1.94	5.44	6.15	5.47	6.15	4.31	4.11	7.11	7.12	4.51	7.43
September...	2.54	1.95	4.60	5.44	5.54	3.72	3.30	5.66	0.94	1.67	3.82
October	2.57	2.53	1.11	5.75	4.54	5.51	3.46	4.43	6.55	6.15	5.78
November...	2.35	2.28	2.86	5.50	2.48	2.86	7.73	4.30	7.11	9.57	5.68
December...	3.29	6.03	5.00	4.02	5.33	3.69	1.82	1.32	3.05	10.65	4.54
TOTALS...	43.44	34.29	44.41	52.48	41.78	40.55	43.47	44.68	55.26	45.49	55.58
						D	D	D	D	D	D

Revised from Survey: 2' too low. { Gauge lowered 6 1/2 ft. 1/1/20. Average 1920-22. 41.6. This is O.K.

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	4 m.		Burnley	4 m.	

RAINFALL at Cant. Clough N. Side (Bunnley W.W.) NEW GAUGE.County of Central LancashireObserver J. Shepherd Esq. A.M. Inst. C.E.River Basin Ribble &c. - 1

Type of Gauge.....

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

Diameter												
Height									0.0			
Altitude									846'			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January									* 6.65	(2.91)		
February									5.67	2.29		
March									3.76	3.48		
April									2.55	4.05		
May									2.02	1.36		
June									3.53	.92		
July									7.17	4.45		
August									3.71	2.42		
September									1.79	4.34		
October									2.55	5.25		
November									8.17	9.11		
December									3.08	4.67		
TOTALS									50.65	45.31		
									D	D		

1940 Jan. 26-31 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.

RAINFALL at Cant Clough N. Side (Burnley W.W.)County of Central LancashireObserver S. Rawlinson, Esq. C.E.River Basin Ribble & C. - 1T. Skelton Esq. A.S.W.E. (1933) C.E.Type of Gauge GlaisherAnnual Average 41.5 in. based on 3 years obs. un-weighted. Period of average 1930-32. Ref. Sanday.

664446/26.

Diameter	8.										
Height	1.0.										
Altitude	900.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.86	4.97	3.07	4.16	1.98	4.81	3.99	5.17	3.88		
February	4.23	3.35	3.39	5.1	5.80	2.80	5.21	1.73	4.06		
March	4.49	2.85	2.72	3.28	1.53	2.40	2.02	1.54	2.59		
April	3.87	3.60	2.01	3.49	3.12	1.12	3.55	6.4	1.83		
May	2.62	4.52	2.33	3.31	1.03	1.31	2.22	3.95	1.57		
June	6.18	1.07	2.45	2.66	4.05	4.11	1.93	3.97	3.02		
July	4.16	4.59	3.02	2.36	1.65	4.19	1.82	4.36	6.35		
August	4.90	1.35	1.59	4.82	1.57	3.54	1.84	4.87	3.20		
September	4.78	5.53	2.16	3.79	6.42	4.81	2.14	1.95	1.64		
October	2.57	6.57	4.87	5.78	9.07	4.57	2.30	8.05	2.20		
November	7.78	3.04	3.12	2.03	5.51	4.91	1.49	6.20	7.44		
December	2.05	2.32	5.59	7.06	3.56	5.59	2.44	4.68	2.61		
TOTALS	48.49	40.76	31.32	43.25	45.29	44.16	30.95	47.11	40.39		
	D	D	D	D	D	D	D	D	D		

+ Inspected by Dr Glaspoole 21.9.38. Site overtopped to S.W. New site selected for new gauge.

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.

Station No. 2949/1RAINFALL at East Glough N. Side (Barley W.O.)

41

County 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. 664.446/26

Diameter	.....	.....	574	389	5"	.....	.....	.....	.....	.....	.....
Height	.....	.....	.....	1	1'	.....	.....	.....	.....	.....	.....
Altitude	<u>846</u>	.....	.....	41	.....	.....	.....	.....	.....	.....	.....
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.54	5.39	8.46	7.23	4.53	6.31	4.75	11.15	3.26	4.99	
February	6.08	2.30	3.88	2.80	5.76	6.88	3.63	3.94	3.91	4.43	
March	4.86	4.20	1.42	.79	1.81	1.92	5.13	2.99	2.08	3.25	
April	2.82	2.57	2.99	3.27	2.58	1.81	5.92	3.01	4.28	3.97	
May	2.54	3.99	3.40	3.69	4.84	1.70	3.17	1.55	2.98	2.67	
June	.45	1.12	3.73	3.75	4.74	3.19	3.25	5.61	.79	2.52	
July	1.90	5.19	2.89	3.43	3.18	3.48	4.45	2.20	1.99	5.30	
August	6.20	4.65	6.69	3.60	4.05	8.01	.31	5.19	3.46	7.67	
September	.75	2.90	4.79	7.21	3.22	7.49	3.61	4.06	1.37	8.35	
October	5.51	7.94	3.37	5.72	6.51	1.58	1.40	2.95	6.39	3.86	
November	3.46	1.15	4.35	8.29	.53	9.19	6.48	2.66	7.32	6.73	
December	3.52	4.45	3.28	5.37	4.00	6.03	4.70	5.44	9.04	4.05	
TOTALS	40.63 D	45.85 P	49.25 2	55.15 P	45.75 D	57.59 D	46.80 D	50.75 D	46.87 D	58.99 D	

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

51

Observer J. Shepherd Esq. C.F.

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File No. 66-4446-126

WSP. APR. 1958 / BOX. Good site. Turf Wall in good condition. * Original list given appears to be 50' thick

National Grid Reference **SD 890313**

Summary of Earlier Records from 10-year Sheets :

(62) Wt. 13072—389 10M 6/50 T.S. 841