

RAINFALL AT *Burralby N.W. (Concordia)*

80

Lat.

Lon.

County of *Lancashire*

Rain Gauge, by

Observer *H. Williamson Esq.*

Ribbles 6.1

Diameter			8	8							
Height			1.	2.							
Altitude			1116	1116							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January... ..				6.13	5.75	2.92	6.42	2.33	1.95	2.20	
February ...				3.74	3.83	4.51	86	1.00	1.01	1.98	
March .....				.89	3.28	2.68	3.44	2.00	2.82	2.91	
April				2.41	1.95	2.52	3.01	1.58	2.20	2.86	
May				1.25	2.10	3.04	5.12	2.13	1.39	2.92	
June				5.53	1.22	3.82	2.29	.43	2.70	.76	
July			#	6.05	4.24	5.15	1.76	4.29	2.90	5.93	3.58
August				4.02	2.46	2.56	2.03	1.81	1.53	4.84	6.23
September...				2.58	7.33	2.85	4.51	3.88	5.74	1.23	3.00
October				5.06	5.81	3.00	6.99	5.97	2.34	2.06	5.33
November...				7.09	5.45	1.75	3.57	3.94	3.26	8.34	1.95
December ...				4.37	3.93	6.05	2.28	6.09	3.16	3.49	3.66
TOTALS				49.7	39.49	41.87	47.12	28.40	37.96	37.38	

RAINFALL AT Burnley W.W. Causeway Side

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer W Williamson Esq

Ribble 96.1

Diameter	8										
Height	20										
Altitude	1116										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS
January	5.78	3.15	3.55	1.44	5.01	3.42	1.99	1.79	3.37	6.48	3.595
February ....	.78	.53	2.57	5.23	6.00	.59	2.23	3.10	2.91	2.15	2.609
March	3.62	2.19	1.13	1.08	3.43	3.62	5.40	4.71	2.07	2.47	2.992
April	1.43	2.66	1.09	.82	2.38	2.88	2.08	3.30	2.46	3.65	2.275
May	3.10	4.07	5.00	2.36	2.91	1.26	.60	1.90	2.86	3.08	2.714
June	4.12	1.33	3.85	3.81	3.07	2.62	2.71	3.56	2.75	1.71	2.953
July	3.05	3.88	2.14	4.59	5.24	6.20	2.09	2.06	1.21	2.40	3.286
August	6.13	8.72	5.00	3.94	4.36	4.51	2.65	6.02	4.39	1.73	4.745
September	3.00	3.85	3.90	4.84	.24	1.91	8.07	4.54	1.23	7.07	2.865
October	3.52	5.54	6.24	4.49	4.55	4.38	5.52	2.02	4.22	2.98	4.346
November	8.10	4.85	2.74	3.57	3.61	5.72	1.90	4.34	3.25	2.28	4.036
December ....	.60	9.16	2.72	4.90	3.80	4.82	5.86	5.62	5.00	3.19	4.567
TOTALS ...	43.23	49.93	39.93	41.07	44.60	41.92	41.10	42.96	35.72	39.19	41.966

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

Ribble 1

Diameter ..	8										
Height	2.0										
Altitude ..	1116										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.13	2.71	3.77	4.88	5.01	1.82	6.44	1.73	3.02	2.60	3.711
February ..	4.84	2.01	1.58	4.90	4.59	2.59	3.63	2.13	2.66	2.54	3.147
March ....	.78	3.15	2.75	6.55	2.61	3.81	3.08	3.33	3.48	3.25	3.279
April	2.26	2.67	2.41	2.56	2.96	3.59	1.37	2.23	2.91	3.89	2.685
May	2.47	1.39	3.53	3.31	3.09	.85	3.49	3.80	2.45	2.31	2.669
June	5.10	1.70	1.51	1.76	1.04	2.78	2.13	6.25	1.82	3.31	2.740
July	3.38	1.89	3.17	4.23	1.94	2.47	1.87	2.60	5.16	6.48	3.319
August	5.19	2.45	3.18	5.77	5.52	4.32	3.93	3.47	4.49	3.39	4.171
September ..	1.51	1.55	1.70	5.85	1.40	2.65	1.29	5.6	4.44	2.71	2.366
October	5.39	3.70	4.13	11.29	1.80	3.69	6.61	5.46	2.31	5.49	4.987
November ..	4.12	5.88	3.14	2.56	3.49	5.14	4.67	2.50	3.12	1.82	3.644
December ..	5.08	6.02	4.50	3.45	3.41	.98	3.76	4.86	3.33	6.06	4.145
TOTALS ..	45.25	35.12	35.37	57.11	36.86	34.69	42.27	38.92	39.19	43.85	40.863

1904 *Holme Church* 2 1/2 mile W

" *Station* 2 1/2 " W

House 30 *high* 1 mile W

1907 *Burnley Station* 3 1/2 miles N.W.

Worsthorne Church 2 1/2 " E.

Hals

RAINFALL at causeway side Burnley W. U.County of Central LancashireObserver W. Williams Esq.River Basin Ribble + CS. Rawlinson Esq. 1918

Rain Gauge, by _____

Diameter ...	8										
Height	20										
Altitude ...	1116 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.35	2.21	5.56	4.64	3.67	6.38	3.64	2.92	3.20	4.93	
February ...	4.99	5.00	2.10	2.00	3.69	6.24	5.65	1.01	5.46	1.91	
March	1.26	2.43	6.44	5.32	4.81	1.62	3.71	3.04	1.83	6.06	
April	3.65	2.52	.99	5.55	1.58	2.24	3.25	1.89	1.20	1.81	
May	2.83	2.79	2.64	3.81	2.21	1.45	2.93	1.53	1.87	1.93	
June	3.61	5.11	6.11	2.61	1.85	1.03	2.28	2.64	1.52	2.08	
July	4.14	.60	5.11	1.12	4.17	4.20	2.71	2.00	4.03	2.71	
August	6.00	2.67	7.00	2.80	2.69	4.54	4.02	7.17	3.16	3.70	
September ..	.44	3.70	2.14	1.66	3.15	.78	2.16	2.57	10.54	2.13	
October ...	3.97	3.57	4.91	1.77	2.33	1.04	5.95	8.75	4.12	2.39	
November ...	5.45	4.89	3.49	5.07	6.79	2.19	3.60	3.93	2.62	4.80	
December ...	5.47	7.71	5.06	2.56	7.66	8.34	3.76	2.54	8.16	8.19	
TOTALS ...	47.16	43.20	51.55	39.24	44.60	40.05	46.66	39.99	47.76	42.64	

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

RAINFALL at Causeway Side Burnley W. 18County of LancashireObserver A. Paulinsson Esq.River Basin Ribble & C. 1Manager Burnley Ltd.

Glaisher Rain Gauge, by

(126)

No 1831-1915 41.7

Diameter ...	8										
Height	2.0										1 0
Altitude ...	1116										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1920
January ...	5.62	8.68	4.83	4.52	3.29	4.16	4.80	5.34	10.21	2.30	6.75
February ...	4.00	.77	5.12	6.29	1.30	6.77	4.25	2.45	5.03	1.00	.81
March	5.16	4.96	3.75	2.36	1.44	1.79	1.96	4.38	3.69	9.41	2.73
April	6.73	2.07	3.97	4.00	2.51	3.01	2.10	3.26	1.31	1.45	3.38
May	6.78	3.01	2.06	4.69	5.57	3.73	4.26	1.50	2.01	2.91	2.23
June	1.91	.20	3.36	1.37	2.50	.05	3.73	4.05	6.80	1.51	2.07
July	6.77	2.51	5.98	5.27	3.91	1.60	2.41	3.70	1.71	2.89	6.16
August	1.81	4.98	5.84	6.48	6.72	4.33	4.43	7.42	6.41	4.89	7.58
September...	2.50	2.12	5.13	6.45	5.52	3.75	3.43	6.01	0.71	1.53	4.61
October	1.68	3.09	1.13	6.24	5.07	5.41	4.17	4.43	5.42	5.86	6.35
November...	2.88	2.33	3.66	5.92	3.06	2.87	6.81	3.29	6.52	9.03	5.92
December...	4.62	7.01	5.28	4.86	6.89	3.74	1.93	1.58	3.01	9.12	4.53
TOTALS...	50.46	41.73	50.11	58.45	47.78	41.21	44.28	47.41	52.83	42.93	53.12

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

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 Causeway Side (Burnley W.W.)⁺County of Central LancashireObserver S. Rawlinson, Esq., C.E.River Basin Ribble & C.-1.T. Shepherd Esq., A. I. C. E. (2nd) C.E.Type of Gauge StaircaseAnnual Average 41.7 in. based on 47 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S

664446/26.

Diameter	8.										
Height	1.0.										
Altitude	1116.								1116		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.97	4.57	4.04	4.18	2.16	5.54	4.80	5.91	4.14		
February	4.87	3.0	3.31	4.6	6.70	3.07	5.94	1.95	4.36		
March	5.2	2.80	2.71	3.04	1.60	2.77	2.39	1.76	2.81		
April	3.92	3.43	1.79	3.42	3.31	1.11	3.38	6.7	1.87		
May	2.35	4.44	2.56	2.37	9.9	1.26	2.35	4.34	1.66		
June	6.61	1.23	2.24	2.76	4.00	4.01	2.08	4.06	3.10		
July	4.54	4.35	3.14	2.45	1.66	4.19	2.14	4.54	6.25		
August	5.02	1.26	1.64	5.01	1.59	3.50	1.98	5.61	3.59		
September	4.81	5.36	2.22	4.28	6.99	5.61	2.18	2.19	1.76		
October	2.57	7.08	4.86	5.91	9.07	4.73	2.44	9.33	2.24		
November	7.93	3.08	3.00	1.86	5.83	5.58	1.76	6.19	7.82		
December	2.00	2.51	5.7	7.31	3.84	5.56	2.96	5.27	2.76		
TOTALS	49.81	40.41	32.08	43.05	47.74	46.93	34.40	51.82	42.36		
	W	W	W	W	W	W	W	W	W		

Inspected 21.9.38 by Dr. Glasshouse. Site selected for new gauge.

† 1439 fathole in B.R. gauge overtopped

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	Parish Church.	Distance from gauge	Direction

Station No. T.F. 2957/1

RAINFALL at Cauxway Side (Bunley W.W.)

41

County of Central Lancashire

Observer J. Shepherd Esq. C.E.

River Basin Ribblesdale

Type of Gauge

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

Diameter			574	217	5"							
Height				1	1"							
Altitude	1110'			41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.25	5.68	8.74	7.49	4.70	6.48	5.20	10.84	3.53	4.60		
February	6.44	2.25	3.84	2.96	5.83	7.68	4.15	4.27	4.24	6.96		
March	4.88	4.16	1.46	.88	1.86	2.04	4.84	3.20	2.54	3.59		
April	2.84	2.93	2.96	3.46	2.76	1.93	5.76	3.24	4.40	4.58		
May	2.57	4.27	3.55	3.63	5.06	1.81	3.51	1.71	3.39	2.90		
June	4.5	1.19	3.83	3.83	5.04	3.47	3.53	6.27	.77	2.94		
July	1.89	5.45	2.86	3.51	3.82	3.77	4.83	2.10	2.19	5.69		
August	6.49	5.10	6.69	3.65	4.22	8.43	.32	5.16	3.77	8.18		
September	.77	2.98	5.08	7.23	3.39	7.75	3.89	4.08	1.81	9.42		
October	5.55	8.16	3.45	5.80	6.66	1.67	1.53	3.14	6.72	3.50		
November	3.55	1.13	4.45	8.68	.58	9.60	6.96	2.86	7.64	7.26		
December	3.62	4.49	3.51	5.63	4.25	6.42	5.09	5.56	9.72	4.84		
TOTALS	41.30 W	47.73 W	50.42 W	56.81 W	47.67 W	61.05 W	49.61 W	52.43 W	50.42 W	64.46 W		

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 Houseway Side of Burnley, W. L.R. Station No. 2957/1
 County of Central Lancashire Observer J. Shiphead Esq. C.E.
 River Basin Ribble 96-1
 Type of Gauge M.I.

Annual Average in. based on years obs. un-weighted. Period of average. Ref. 5
 " " 53.80 " " 18 " " within 1939-57 " " 1916-50 File No. 66p. 44p. 6/24

Diameter ...	5"			574	217							
Height ...	1' 0"				1							
Altitude ...	1110'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	5.68	6.73	2.78	5.77	3.12	6.52	5.16	6.09	3.61	6.40		
February ...	5.41	2.36	4.10	4.20	3.14	2.03	4.80	7.67	.77	5.76		
March ...	6.51	2.90	2.47	3.41	3.16	2.18	4.67	2.78	2.31	1.88		
April ...	3.72	3.89	4.23	.86	2.62	4.25	.40	1.72	4.28	3.73		
May ...	2.87	2.38	3.22	4.66	4.96	2.10	2.05	5.71	2.47	2.35		
June ...	1.66	4.12	3.44	3.47	3.40	3.50	2.26	4.87	3.94	1.47		
July ...	4.96	3.25	6.33	6.00	1.58	5.72	6.04	4.17	3.71	8.02		
August ...	5.90	7.68	6.22	3.55	1.67	12.66	7.12	3.95	.90	6.00		
September ...	3.89	5.58	5.48	6.21	3.42	4.71	6.72	6.16	.28	3.55		
October ...	1.76	6.15	2.34	8.80	3.62	2.98	6.78	4.24	6.25	6.42		
November ...	12.60	3.26	6.67	9.03	3.61	2.15	2.95	1.84	6.45	9.17		
December ...	10.92	5.49	2.21	8.70	6.64	7.25	6.71	5.82	9.99	5.87		
TOTALS ...	65.88 W	53.78 W	47.49 W	69.66 W.	40.94 W	56.05 W	55.66 W	55.02 W.	44.96 W	60.62 W		

INSP. APR 1955 gbook. good info

Position of Station on Ordnance One-Inch map : No. of Map 95 National Grid Reference SD 890282

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1954			Burnley	4 m	SE	Worthington	2 m	SE

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			c 1939	✓	