

RAINFALL AT Barrowford Reservoir

Lat. 53° 51' 26"

Lon. 2° 12' 2"

County of Lancashire

Rain Gauge, by _____

Observer Leeds & Liverpool Canal Co.
R. H. White

Ribble 61

Diameter	8										
Height	1.0										
Altitude	473										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.38	3.77	3.83	1.32	4.73	3.18	3.10	1.77	5.98	8.12	4.118
February ....	.84	.52	2.23	6.47	7.77	.44	1.84	3.27	5.24	2.01	3.063
March	5.18	2.23	.70	1.76	4.48	3.29	7.29	5.64	2.29	3.00	3.586
April	1.29	1.68	1.46	.81	2.23	2.97	2.71	2.74	3.19	4.44	2.352
May	2.34	2.57	4.91	2.55	2.56	.71	.38	2.38	2.92	4.04	2.536
June	3.75	.76	3.64	3.60	4.24	3.48	2.57	4.87	3.78	1.49	3.218
July	3.37	3.30	1.59	3.33	4.17	6.97	2.53	2.66	.73	2.12	3.077
August	6.26	7.47	6.95	5.63	5.19	5.07	3.19	7.70	5.40	1.94	5.480
September....	3.38	4.18	4.69	4.05	.31	2.36	6.97	5.92	1.75	5.28	3.889
October	3.95	4.32	7.47	5.63	4.44	5.19	4.84	2.49	4.23	2.39	4.495
November....	4.88	4.06	2.00	4.14	3.54	3.77	1.60	5.27	4.99	2.49	3.674
December ....	.55	8.67	3.07	4.76	4.49	5.80	5.15	5.19	5.85	3.65	4.718
TOTALS	41.17	43.53	42.54	44.05	48.15	43.23	42.17	49.90	46.35	40.97	44.206

RAINFALL AT Barnford Reservoir
 Lat. N 53° 51' 26" Lon. W 2° 12' 2" County of Lancashire South
 Rain Gauge, by _____ Observer Leeds & Liverpool Canal Co.
Ribblesdale 2 White

Diameter ..	8										
Height	1.0										
Altitude ..	473										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	5.42	3.16	4.18	4.24	3.27	2.10	5.71	2.97	4.94	2.36	3.835
February ..	2.74	1.44	.84	5.20	4.95	2.53	3.13	3.01	3.57	3.11	3.052
March ....	.63	2.98	2.70	6.19	2.60	3.46	4.28	4.29	3.34	2.33	3.275
April	2.48	2.54	2.41	2.62	3.47	3.05	1.37	1.73	1.50	4.17	2.534
May	1.31	1.11	3.14	3.31	2.60	.83	4.20	3.21	3.55	2.03	2.529
June	3.00	1.90	1.33	2.71	1.92	2.35	1.61	7.01	2.11	2.35	2.629
July	2.32	1.95	3.12	3.96	1.79	2.20	2.14	2.57	5.11	3.30	3.046
August	5.24	2.90	3.14	6.50	5.50	4.14	5.07	5.18	3.92	3.15	4.464
September ..	1.91	.92	1.21	5.78	.76	2.72	1.49	1.05	4.84	2.58	2.326
October	7.03	3.38	4.72	11.27	2.62	3.37	5.84	4.23	1.42	4.32	4.820
November ..	4.51	7.01	2.21	3.40	4.31	3.77	5.04	3.10	3.74	1.85	3.894
December ..	5.17	5.59	3.73	2.50	3.20	2.16	3.77	5.56	2.37	5.90	3.995
TOTALS ..	41.76	34.88	32.73	57.68	36.99	32.68	43.60	43.91	40.31	39.45	40.300

Hub

RAINFALL at

Barnonford Reservoir

County of Central Lancashire

Observer Leeds & Liverpool Canal Co.

River Basin Ribblesc 1

Rain Gauge, by

Diameter ...	8										
Height	1.0										
Altitude ...	473										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.36	2.05	3.48	3.91	3.39	7.16	5.32	3.69	3.39	4.41	
February ...	4.69	6.03	1.39	2.39	2.84	4.73	5.59	.91	7.16	1.45	
March .....	.73	3.09	5.39	6.04	5.44	2.25	3.67	2.17	1.16	4.85	
April	2.88	2.67	1.51	4.34	1.58	2.24	3.41	2.24	1.33	2.08	
May	2.69	2.50	2.28	2.85	2.26	2.10	2.40	1.46	1.14	2.01	
June	2.70	4.83	7.33	2.57	2.06	.74	2.75	3.42	2.23	1.32	
July	4.41	.51	3.52	1.19	3.03	5.23	2.97	2.65	3.32	1.83	
August	6.32	2.76	7.40	1.83	2.51	3.36	3.93	5.24	3.40	3.86	
September ..	.34	4.17	2.03	1.41	3.42	1.30	3.19	3.05	11.63	2.95	
October ...	2.92	2.95	4.82	2.00	2.20	1.30	9.90	8.42	4.12	2.55	
November ..	5.14	3.55	4.75	5.81	7.82	2.59	3.92	5.02	2.60	3.35	
December ...	4.00	5.98	5.58	4.23	6.55	5.35	3.90	2.88	9.28	6.98	
TOTALS ...	43.18	41.09	50.48	38.57	43.10	38.35	50.85	41.17	50.76	37.64	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 51' 26" N	2° 12' 2" W						

RAINFALL at Barnwood ReservoirCounty of GloucestershireObserver Leeds & Liverpool Canal Co.River Basin Ribble & C. 1

Gauged Rain Gauge, by

(27)

Diameter ...	8											
Height	1	0										
Altitude ...	473											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means 1920	
January ...	4.63	7.88	3.42	4.23	3.25	3.12	4.25	4.10	10.55	1.83	6.89	
February ...	5.26	7.4	5.50	5.12	9.9	7.61	4.60	1.71	6.36	6.68	5.6	
March	3.15	4.60	2.38	1.83	1.49	1.43	2.54	3.70	1.89	1.40	2.66	
April	4.28	1.65	2.76	2.95	1.93	3.64	1.92	3.33	1.21	1.05	3.32	
May	5.62	1.96	1.87	5.04	4.63	4.35	3.74	1.85	1.17	2.77	2.90	
June	2.40	4.4	2.79	1.23	4.30	1.9	2.29	4.08	5.42	1.91	2.92	
July	7.09	2.69	5.60	4.46	3.92	1.88	3.14	3.83	2.51	3.46	5.40	
August	2.85	6.08	6.62	5.63	6.25	4.74	4.52	6.91	6.12	5.54	6.03	
September...	2.08	2.89	3.67	5.85	4.34	3.67	4.70	6.48	1.15	2.13	3.28	
October	1.57	2.31	1.06	5.96	4.18	4.59	4.59	4.92	4.88	5.74	6.84	
November...	2.80	2.39	2.55	6.74	4.34	2.33	6.01	4.95	6.42	6.87	5.44	
December...	2.81	7.14	4.57	3.71	3.84	4.80	1.64	1.97	2.53	9.09	2.40	
TOTALS...	44.524	40.47	42.79	52.75	43.46	42.35	43.94	46.83	50.21	42.44	48.64	

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 51' 26"	2° 12' 2"						

RAINFALL at Barrowford ReservoirCounty of Central LancashireObserver Leeds & Liverpool Canal Co.,River Basin Ribble & C - 1.Type of Gauge GlaisherAnnual Average 41.0 in. based on 41 years obs. un-weighted. Period of average 1891-1931 Ref. S

749/24/27.

Diameter	8.										
Height	1.0.										
Altitude	473.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.67	5.46	3.26	4.58	2.23	4.18	4.31	6.24	5.24	1.13	
February	3.88	2.1	4.56	.36	8.41	1.85	6.71	2.23	4.88	1.71	
March	.71	2.68	2.41	2.65	1.79	2.78	2.51	1.68	2.68	3.10	
April	2.57	3.15	1.74	2.54	2.58	1.39	2.70	.90	1.88	2.71	
May	1.82	4.38	2.41	3.91	1.31	.79	2.26	3.59	.93	1.75	
June	5.56	.65	2.45	3.01	4.31	3.73	2.46	4.82	3.23	0.80	
July	3.24	6.78	3.64	2.84	1.86	4.90	2.47	4.56	6.59	4.34	
August	3.41	1.40	1.53	4.47	1.52	3.55	2.16	6.07	2.38	2.17	
September	2.71	7.30	1.88	4.18	7.45	4.87	1.91	1.43	1.18	4.96	
October	2.91	7.91	4.39	6.88	11.72	5.37	5.37	11.45	1.72	4.03	
November	5.16	4.02	1.86	2.25	5.15	5.72	1.77	6.14	8.54	7.07	
December	1.64	2.02	.56	5.42	3.31	5.40	2.09	5.05	3.59	5.61	
TOTALS	37.18	45.96	30.69	42.09	51.64	44.53	37.72	54.16	42.86	39.38	

1931 LOW NP.

G. moved May 1932.

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	Parish Church.	Distance	Direction
				from gauge			from gauge	

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

Station No. 2988

RAINFALL at Barrowford Reservoir

41

County of Central Lancashire Observer Leeds & Liverpool Canal Co.River Basin Little O. C. 1Ducks & Inland WaterswaysType of Gauge GlaisherAnnual Average 41.0 in. based on 41 years obs. unweighted. Period of average 1881-1915 Ref. SFile No. 749124/27

Diameter	8"			574	762						
Height	1'0"				1						
Altitude	473'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.89	4.94	5.34	7.76	4.45	5.45	(4.50)	8.50	3.12	4.02	
February	5.42	1.67	3.60	2.68	6.00	6.85	(3.00)	3.73	4.24	6.38	
March	3.65	3.37	1.68	.75	1.84	1.68	(6.90)	2.62	1.65	2.31	
April	2.32	1.55	2.82	2.88	2.59	1.51	4.28	2.45	4.45	3.97	
May	2.93	2.48	2.66	3.38	5.84	1.53	2.50	1.22	2.44	2.37	
June	.61	1.16	5.43	3.60	4.80	3.13	3.37	5.73	.69	3.53	
July	1.26	5.13	4.07	3.36	3.03	4.91	4.62	2.14	2.52	4.07	
August	5.93	5.30	6.86	3.01	2.78	6.98	.15	5.00	3.54	7.03	
September	.84	3.43	4.46	7.86	3.23	9.23	3.92	3.56	1.52	8.17	
October	6.69	8.05	3.53	4.74	6.24	1.25	.93	2.97	4.86	4.46	
November	2.83	1.59	3.63	8.22	.52	7.26	7.88	3.08	6.03	6.73	
December	2.62	5.09	2.47	5.03	2.32	4.09	4.52	3.43	9.85	2.49	
TOTALS	35.99	43.76	46.55	53.27	43.64	53.87	(46.57)	44.43	45.24	55.73	

1940. Above 20" high, 20 gals. SK. San. Felt. Man. used for snow.

70004

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.
June 1917			COLNE	$\frac{3}{4}$ mi.	SE.	COLNE	$\frac{1}{2}$ mi.	E

BRITISH RAINFALL ORGANIZATION

Station No. 2988

RAINFALL at Barrowford Reservoir

County of Central Lancashire

Observer ~~Donker~~ ^{BRITISH} ~~Robert~~ ^{Matthews}

River Basin Ribble & C. - 1

Type of Gauge ~~Standard~~ Mk IIAnnual Average 41.0 in. based on 41 years obs. un-weighted. Period of average 1881-1915 Ref. S. 5.
" " 46.67 " " 21 " " within 1933-57 " " 916-58 File No. 6720/3/26 E16427, S.

Diameter ...	8"			574	762			5"			
Height ...	" 0"				1			1' 0"			
Altitude ...	443'				51			473'			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.99	5.98	2.02	4.19	2.32	6.26	4.66	3.17	3.40	5.67	
February ...	4.16	1.90	2.24	2.86	2.64	1.29	3.15	6.89	.76	2.28	
March ...	3.95	2.46	2.22	2.97	2.30	2.51	3.94	2.32	1.58	1.54	
April ...	2.68	2.95	3.34	.91	2.12	3.06	.60	1.58	3.13	2.77	
May ...	2.24	1.75	1.69	2.91	3.93	2.33	1.13	5.30	1.48	1.63	
June ...	1.12	3.54	3.23	2.22	2.96	2.23	2.18	4.39	3.15	1.03	
July ...	3.74	2.28	5.60	6.26	1.07	4.11	6.03	3.28	3.50	6.22	
August ...	4.57	6.91	6.52	7.60	.88	100	5.57	4.34	.59	4.49	
September ...	3.63	5.01	4.86	6.29	3.17		5.53	5.14	.33	2.62	
October ...	1.57	4.04	1.78	9.29	2.94		7.49	3.38	5.72	3.60	
November ...	8.99	2.03	6.20	6.34	1.85		2.09	1.75	4.80	7.26	
December ...	10.18	4.32	3.31	7.40	7.08	100	5.99	4.21	(7.86)	5.31	
TOTALS ...	52.82	43.17	43.01	59.24	33.26	100	48.36	46.01	36.30	44.42	
	D	D	d	d	d	d n.p.	d	d	d	d	

1951 House 20' high at 60' N.E.

1956 N.A. Inc.

1954, 1956, 1959 1/20th. Reasonable site. Subject to interference.

1959:- Acc past 204.

00014

Position of Station on Ordnance One-Inch map :

No. of Map 95

National Grid Reference 5D 858403

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			bolne	3/4 m.	S.E.	bolne	1 1/2 m.	E

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓ n.p. 31	✓	d 50