

# RAINFALL AT Wyresdale, Old Gauge Basin 80

Lat. .... Lon. .... County of Lancashire  
 Rain Gauge, by ..... Observer A. Cross Esq. C.E.

Wyre 65

Diameter ....					8						
Height .....					1.0						
Altitude ....					963.5						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....					5.00	2.85	5.30	2.80	1.70	2.35	
February ....					3.55	3.25	1.60	2.50	1.95	2.55	
March .....					2.95	3.60	4.00	2.50	3.25	3.60	
April .....					1.40	2.25	2.45	2.20	2.45	2.05	
May .....					3.30	2.05	4.60	2.00	1.15	4.15	
June .....					1.25	2.95	2.30	4.45	1.35	1.60	
July .....					6.75	2.30	6.25	3.65	8.00	3.15	
August .....					2.60	2.70	2.65	1.90	3.70	7.30	
September...					4.00	6.90	5.60	5.20	3.00	3.55	
October ....					4.25	(6.25)	6.00	2.80	2.25	4.35	
November...					1.70	3.80	4.30	3.00	4.95	2.00	
December...					4.65	1.85	4.90	2.90	3.15	3.00	
TOTALS ....					41.40	36.75	49.95	31.90	36.90	39.65	

(40.75)

ext. 17. VI. 15

1884. Quernmore Church 2 miles N.W.

Wyresdale " 2 miles S.

Gauge House 18 ft. high 18 ft. W.

1885 Oct. about 2 in. short

# RAINFALL AT Wyresdale Old Gauge Basin

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Lancashire

Rain Gauge, by \_\_\_\_\_

Observer J. Cook Esq. C.E.

Wyre - 65 Monthly

Diameter ....	8											
Height .....	10											
Altitude ....	963 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	4.65	2.20	4.25	3.00	4.00	2.75	3.70	1.06	5.33	6.55	3.7119	
February ....	1.35	.55	2.00	4.50	5.35	2.00	2.04	3.63	3.26	2.24	2.692	
March .....	4.30	.60	.75	2.09	3.07	5.10	5.76	5.60	1.65	2.74	3.166	
April .....	1.60	1.40	1.35	.25	2.11	3.02	2.00	3.10	3.53	4.39	2.275	
May .....	2.30	1.10	5.20	1.60	3.24	1.03	.64	2.63	3.42	3.94	2.510	
June .....	4.30	.30	3.05	1.50	4.22	3.17	4.00	4.55	3.34	2.06	3.0119	
July .....	3.95	3.10	1.70	3.10	4.80	7.71	4.85	1.77	.95	2.60	3.453	
August .....	6.60	11.07	7.30	2.30	6.41	6.00	4.40	5.55	7.14	2.60	5.937	
September....	4.90	5.65	7.10	4.50	.83	1.13	6.23	4.34	2.26	6.61	4.353	
October.....	3.10	3.75	6.10	7.85	3.90	5.73	4.30	2.32	4.67	3.65	4.537	
November....	5.70	5.20	3.60	3.18	4.10	3.45	1.72	5.80	7.02	4.10	4.387	
December ....	1.10	6.20	2.55	4.44	4.41	4.35	5.19	5.50	5.02	3.97	4.273	
TOTALS ...	43.85	41.12	44.95	38.31	46.44	45.44	44.83	45.85	47.59	45.45	44.383	

RAINFALL AT *Quernmore Old Gauge Basin*

Lat. ....

Lon. ....

County of *Lancashire North*

Rain Gauge, by .....

Observer *J. Hook Esq. Ch.*  
*J. C. Mount Esq. Ch.**Wye 5**M*

Diameter ..	8										
Height ....	10										
Altitude ..	963 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.22	1.65	2.30	5.20	5.25	3.20	6.27	2.61	5.56	2.45	3.971
February ..	5.11	2.05	1.80	3.97	4.07	2.25	4.71	1.74	3.17	3.15	3.202
March ....	.72	3.50	3.35	4.22	2.90	3.38	4.26	4.72	3.55	2.85	3.345
April .....	2.81	2.25	2.09	2.28	4.34	3.96	1.71	1.50	2.56	3.70	2.720
May .....	2.40	1.31	3.73	4.44	2.72	1.05	6.78	4.27	3.95	2.50	3.315
June .....	4.54	2.36	1.49	2.04	1.81	2.24	4.46	10.15	3.62	2.81	3.552
July .....	3.30	3.10	4.91	4.60	3.20	3.80	4.11	4.78	5.00	9.09	4.589
August ....	6.09	3.65	3.55	8.95	3.75	4.52	5.49	7.40	5.25	3.24	5.189
September ..	4.17	2.10	1.63	6.13	2.27	4.70	2.23	1.22	7.30	3.25	3.500
October ....	7.03	4.45	4.06	10.64	4.07	4.20	8.63	6.00	1.41	7.07	5.756
November ..	4.50	3.25	3.60	4.40	3.70	5.53	4.53	5.47	4.46	2.39	4.183
December ..	5.50	4.61	3.75	4.33	4.20	1.50	4.09	6.67	3.27	9.11	4.703
TOTALS ..	51.39	34.28	36.26	61.20	42.28	40.33	57.27	56.53	49.10	51.61	48.025

*420*  
*48.025*

RAINFALL at Queensmere Old Forge BasinCounty of North LancashireObserver A. G. Bradshaw EsqRiver Basin Wyre + C 57 Hill Top C.E.

Rain Gauge, by \_\_\_\_\_

Diameter ...	8											
Height .....	1.0											
Altitude ...	960 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS.
January ...	7.23	1.65	5.30	4.95	5.71	4.90	4.67	3.07	4.58	4.82		76.19.
February ...	7.09	4.10	2.91	2.58	3.07	4.52	3.60	1.25	5.56	1.38		17.14
March .....	.85	1.53	6.77	4.60	4.50	2.47	1.23	2.57	2.23	5.09		11.12
April .....	2.22	3.58	.75	4.64	1.02	2.22	2.91	1.52	1.49	2.21		8.13
May .....	2.82	1.69	2.19	2.72	3.34	1.82	3.71	1.71	2.52	2.47		10.41
June .....	1.75	4.05	5.93	3.51	1.45	.69	2.78	2.88	2.43	2.08		10.17
July .....	3.07	1.22	5.83	2.02	4.66	4.52	3.41	1.65	5.63	2.02		12.71
August .....	9.83	4.44	6.87	3.51	3.80	4.82	3.07	6.23	5.11	6.04		20.45
September ..	.72	3.65	1.69	3.72	2.85	.85	3.86	4.75	10.69	3.91		23.21
October ...	3.51	4.44	4.45	2.71	1.18	1.19	7.76	6.35	5.45	3.29		22.85
November ..	3.72	6.71	4.75	5.45	4.36	1.98	3.74	6.48	2.49	2.91		15.62
December ...	5.53	9.09	5.30	3.63	4.31	7.09	3.47	2.90	9.53	6.07		21.97
TOTALS ...	48.34	46.25	52.74	44.04	40.25	37.07	44.21	41.36	57.71	42.29		185.58

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

RAINFALL at Quernmore Old Gauge BasinCounty of N. LancashireObserver F. Hill Esq. C.E.River Basin Myre & C 5Lancaster Water Eng.

Rain Gauge, by \_\_\_\_\_

Diameter ...	8											
Height .....	10											
Altitude ...	963											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930	TOTALS
January ...	4.67	8.42	3.44	6.29	4.27	3.65	5.72	4.95	11.59	1.73	6.73	61.46
February ...	3.75	4.5	5.86	4.37	8.0	5.55	5.07	3.36	5.77	1.19	2.7	36.64
March .....	5.37	5.42	2.63	1.50	1.80	1.87	3.30	4.63	3.57	1.33	3.65	35.07
April .....	5.58	2.06	2.20	3.02	2.37	3.55	3.82	2.67	2.74	1.34	2.03	30.81
May .....	6.73	3.69	2.93	3.97	4.57	4.03	2.58	2.08	1.12	2.70	1.53	35.93
June .....	3.56	7.4	3.06	1.50	5.27	1.05	3.71	4.22	9.27	2.17	2.92	37.47
July .....	6.95	2.69	7.25	7.10	3.75	3.10	6.60	3.75	5.57	4.28	4.60	55.66
August .....	3.09	6.91	6.08	6.03	7.00	5.05	4.72	7.67	7.62	8.43	8.64	71.24
September...	3.78	2.76	5.10	6.50	7.22	5.22	6.39	8.65	3.65	4.11	3.54	56.92
October .....	1.84	3.80	1.72	7.54	5.65	6.65	3.97	5.20	7.22	9.09	9.22	61.90
November...	3.67	2.34	2.97	6.64	4.45	3.03	6.33	5.19	8.10	9.10	6.05	57.87
December...	3.46	5.10	6.05	5.12	6.88	3.48	2.42	2.16	4.35	6.90	5.35	56.27
TOTALS...	52.45	47.38	49.29	59.58	54.03	46.23	54.63	54.53	70.19	54.110	54.53	597.24

1925. Records taken monthly

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	54° 0' 41"	2° 41' 56"	Bay Horse	4 1/2 m.	S.W.	Netherby, Leeds	2 m.	SSW.

RAINFALL at Quernmore (Old Gauge Basin)County of North LancashireObserver F. Hill, Esq., C.E.River Basin Wyre & C - SType of Gauge n.o.Annual Average 46.1 in. based on 46 years obs. un-weighted. Period of average 1881-1926 Ref. 5

678707/26.

Diameter	8.											
Height	1.0.											
Altitude	963.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	6.42	6.31	4.33	5.93	3.03	4.29	3.85	2.98	5.10	2.80		51.64
February	5.23	5.09	5.55	1.9	7.31	3.06	7.55	3.05	4.54	1.92		38.51
March	6.7	2.51	2.65	3.03	1.81	3.05	1.52	2.01	2.20	5.20		24.65
April	2.72	3.32	2.67	2.50	3.30	1.02	4.44	1.10	3.90	3.98		29.95
May	2.17	5.17	3.10	5.33	1.78	2.30	2.50	4.48	1.10	1.67		29.60
June	7.03	1.19	2.64	3.81	5.15	4.08	(4.50)	6.20	4.63	1.03		40.36
July	6.45	8.43	5.10	8.42	3.45	7.25	(4.00)	7.10	10.20	6.10		62.10
August	4.65	2.21	3.51	6.69	3.10	4.68	3.13	4.20	2.90	3.95		38.92
September	3.87	7.33	2.01	5.85	8.85	5.97	4.90	2.90	2.50	8.70		52.88
October	4.54	7.76	6.42	7.45	9.21	6.15	2.00	16.98	2.13	5.63		68.27
November	(8.12)	5.33	2.15	1.50	5.08	6.19	1.90	6.20	7.10	7.16		50.73
December	(6.71)	5.15	1.05	7.09	2.70	7.33	2.27	7.65	4.70	6.30		47.95
TOTALS	55.58	54.80	41.18	53.79	54.77	56.37	42.56	71.15	50.92	54.44		585.76
		M	M.	M	M.	M	M			M		1926

1931. Nov &amp; Dec allocated.

1937 June &amp; July allocated.

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
			Galgate	4 m	N.W.	Quernmore	2 m	N.W.
							3 m	

Station No. 3065

RAINFALL at Querrmore (Old Gauge Basin) 41County of North LancashireObserver J. Hall Esq. C.E.River Basin LymingtonL. Lysons Esq. C.E. (1946)Type of Gauge tno.Annual Average 44.1 in. based on 46 years obs. un-weighted. Period of average 1881-1926 Ref. SFile No. 678727/16

Diameter	8"			5.77	8.80							
Height	1' 0"				1							
Altitude	963				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.21	5.30	8.35	7.60	4.97	4.65	4.40	9.30	4.75	3.10		Totals. 53.63
February	6.53	2.10	3.38	2.55	6.14	5.76	1.01	2.87	3.10	5.40		38.84
March	3.60	3.10	1.84	1.10	4.47	1.40	6.50	3.88	2.10	2.80		30.79
April	2.26	2.20	3.82	3.95	3.49	2.37	4.50	2.46	6.13	3.25		34.42
May	3.80	4.50	4.40	4.07	4.19	2.36	2.90	1.40	2.25	2.09		31.96
June	.98	1.30	4.45	5.35	5.86	4.60	3.88	6.60	1.09	4.63		38.84
July	1.70	6.22	4.30	5.10	5.21	7.30	5.79	4.30	5.70	5.37		50.99
August	7.80	6.20	9.98	3.85	3.32	9.19	.22	4.30	4.10	9.05		58.01
September	2.45	5.30	6.50	9.20	5.20	9.53	5.20	7.41	2.07	9.50		62.36
October	8.30	10.10	5.97	7.40	6.32	.59	.76	5.60	7.53	5.50		58.07
November	3.18	1.60	4.97	7.49	.61	7.52	6.75	5.30	6.35	7.45		51.22
December	3.30	5.50	3.10	5.39	3.52	6.85	3.30	4.49	8.10	3.15		46.70
TOTALS	43.10 M.	53.42 M.	61.06 M.	63.05 M.	53.30 M.	62.12 M.	45.21 M.	57.91 M.	53.27 M.	61.29 M.		555.83 466

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.
1941			<u>Galgate</u>	<u>4m.</u>	<u>W.S.W.</u>	<u>Querrmore</u>	<u>3m.</u>	<u>N.W.</u>

BRITISH RAINFALL ORGANIZATION

RAINFALL at High Cross Moor, Burnham (Old Gauge Basin) Station No. 3065  
 County of N. Lancashire Observer L. Lyons Esq. C.E.  
 River Basin Wyre & S.  
 Type of Gauge M.O.

51

Annual Average 46.1 in. based on 46 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 " " 52.19 " " 27 - - 1916-57 " " 1916-50 File No. 648707/26

Diameter ...	8"			577	880						
Height ...	1' 0"				1						
Altitude ...	963'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.56	5.20	3.10	6.30	2.82	New gauge in Feb. 1955	5.40	4.60	3.40	7.40	
February ...	4.70	1.60	2.24	4.08	2.91		3.70	7.68	1.60	5.60	
March ...	5.80	3.10	1.08	3.34	1.21		3.70	2.30	3.00	2.00	
April ...	3.55	3.75	2.80	1.49	3.94	Only part of month	1.10	2.20	3.00	4.10	
May ...	2.63	3.19	2.68	3.10			3.60	3.65	6.20	3.40	3.20
June ...	1.55	6.23	3.45	5.66			3.74	2.70	4.70	4.90	2.60
July ...	4.55	3.00	7.02	9.54		5.50	5.80	4.10	5.50	9.50	
August ...	5.45	8.22	6.50	8.09		14.45	5.10	5.90	.50	6.00	
September ...	5.70	5.85	4.90	8.34		3.70	10.10	6.20	1.30	4.80	
October ...	1.98	4.47	3.00	13.15		4.30	8.40	5.80	5.00	3.70	
November ...	10.10	3.19	6.20	9.23		1.80	2.40	2.50	6.40	8.80	
December ...	12.23	4.96	2.97	7.50		6.80	5.80	3.60	8.80	6.00	
TOTALS ...	63.80	52.76	48.94	79.82			57.85	55.78	46.80	63.79	

1955 May gauge broken new one to be installed.  
 1956 NP inc. Chestnut Paling fence surround  $3\frac{1}{2}'$  at 7'.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference SDX30.554576

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Balgate	400. W. S.W.	Burnham	3m N.W.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-Rejected

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