

## RAINFALL AT WYRDALE, Old Gaige Basin

80

Lat. .... Lon. .... County of Lancashire  
 Rain Gauge, by Observer at Cleeve Eng. C.E.

Wyre &amp; 6.6

Diameter .....											8
Height .....											1.0
Altitude .....											9137
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 .....						3.35	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	1.45	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'd 17.VI.15

1884. Dernmore Church 2 miles N.W.

Wyrdale 2 miles S.

Gaige House 18ft high 180ft. W.

1885 Oct. about 2 in. short

RAINFALL AT Wyresdale Old Gauge Basin

Lat.

Long.

County of Lancashire

Rain Gauge, by

Observer

J Cook Esq. C.E.

Wyre &amp; 65 Monthly

Diameter .....	8										
Height .....	10										
Altitude .....	963 ft										
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	3.74149
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	3.019
July .....	3.95	3.10	1.70	3.10	4.80	7.71	4.85	1.77	.95	2.60	3.153
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	4.258
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	4.987
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 ~~W.M.~~

Rain Gauge, by

Observer

J. G. Lock Esq. C. I.

J. C. Mount Esq. C. I.

Wire 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	6.00	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 4.703

H.W.B.

RAINFALL at Queenmore Old Farm Barn

County of North Lancashire

Observer A. G. Bradshaw Esq.

River Basin Wyre + C 5

7 Hillby c.t.

*Rain Gauge, by*

Diameter	8										
Height	1.0										
Altitude	963 T										
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	7.23	1.65	5.30	4.95	5.71	4.90	4.67	3.07	4.58	4.82	
February	7.09	4.10	2.91	2.58	3.07	4.52	3.60	1.25	3.56	1.38	
March	.85	1.53	6.77	4.60	4.50	2.47	1.23	2.57	2.23	5.09	
April	2.22	3.58	.75	4.64	1.02	2.22	2.91	1.52	1.49	2.21	
May	2.82	1.69	2.19	2.72	3.34	1.82	3.71	1.71	2.52	2.47	
June	1.75	4.05	5.93	3.51	1.45	.69	2.78	2.88	2.43	2.08	
July	3.07	1.32	5.83	2.02	4.66	4.52	3.41	1.65	3.63	2.02	
August	9.83	4.44	6.87	3.51	3.80	4.82	3.07	6.23	5.11	6.04	
September	.72	3.65	1.69	3.72	2.85	.85	3.86	4.75	10.69	3.91	
October	3.51	4.44	4.45	2.71	1.18	1.19	7.76	6.35	5.45	3.29	
November	3.72	6.71	4.75	5.45	4.36	1.98	3.74	6.48	2.49	2.91	
December	5.53	9.09	5.30	3.63	4.31	7.09	3.47	2.90	9.53	6.07	
TOTALS	48.34	46.25	52.74	44.04	40.25	37.07	44.21	41.36	57.71	42.29	

## RAINFALL at Duerrow Old Gauge Basin

County of N. Lancashire

Observer F. Hill Esq C.E.

River Basin Wyre & C 5-

Cambridge Water Env.

*Rain Gauge, by*

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
1926.	51° 0' 41"	2° 41' 50"	Bay Horse	4½ m.	S.W.	Netherbyresdale, Abbylead, Christch.	2 m.	SSW

RAINFALL at Quernmore (Old Gauge Basin).

County of North Lancashire

Observer F. Hill, Esq., C.E.

River Basin..... Wyre & C - S.

Type of Gauge M.O.

Annual Average 46.1 in. based on 46 years obs. un-weighted. Period of average 1881-1915 Ref. 5

678707/26.

Diameter	8.										
Height	1.0.										
Altitude	963.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.42	6.31	4.33	5.93	3.03	4.89	3.85	2.98	5.10	2.80	Totals 51.64
February	5.23	.09	5.55	.14	7.31	3.06	7.65	3.05	4.56	1.92	38.51
March	.67	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	29.93
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)	6.30	4.63	1.03	40.36
July	6.45	8.43	5.10	5.42	3.45	7.85	(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	5.91	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	1.698	2.13	5.63	68.27
November	(8.12)	5.33	2.15	1.50	5.08	6.19	1.90	6.40	7.10	7.16	50.93
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	56.57	42.56	71.15	50.92	54.44	535.70 47.95

1931 Nov<sup>7</sup> 4 Dec<sup>7</sup> allocated.

1937 June & 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	1 m	N.W.	Quernmore	2 m	N.W.

Station No. 3065

## RAINFALL at Quernmore (Old gauge Brain) 41

County of North Lancashire Observer J. Head Eng. C.E.  
 River Basin Wyre & C. S. L. Rogers Eng. C.E. (1946)  
 Type of Gauge Inv.

Annual Average 46.1 in. based on 16 years obs. un-weighted. Period of average 1896-1945 Ref. S.

File No. 678707/16

Diameter	8"		577	880							
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.
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	30.77
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	3.16	1.60	4.97	7.49	.61	7.52	6.75	5.30	6.35	7.45	57.22
December	3.30	5.50	3.10	5.39	3.52	6.85	3.30	4.49	8.10	3.15	46.70
TOTALS	45.10	53.42	61.06	63.05	53.30	62.12	45.21	57.91	53.27	61.29	555.83
	M.	Yards									

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
1941			Balgate	4 km.	W.S.W.	Quernmore	3 m. N.W.

Station No. 3065

51

RAINFALL at High Cross Moor, Grasmere (Old Gauge Basin)

County of N. Lancashire

Observer D. Lyons Esq. C.E.

River Basin Wyre &amp; S.

Type of Gauge M.O.

Annual Average 46.1 in. based on 46 years obs. un-weighted. Period of average 1881-1955 Ref. 5  
 " " 52.19 " " 27 - - 1916-57. " - 1916-50 File No. 678707/26

Diameter ...	81		577	880							
Height ...	11' 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	<i>New gauge to 1956 is installed</i>	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	<i>Only 1956 months</i>	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	9.34		3.70	10.10	6.20	1.30	4.80	
October	1.98	4.47	3.00	12.15		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		n.p.	57.85	55.78	46.80	63.70	
	M	M	M						M	M	

1955 May gauge broken new one to be installed.

1956 New site. Chestnut Palings surround 3 1/2' at 7'.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference ... S. 27 E. 2.5 M. 5150

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Galgate	4 m. W.S.W.	Burnmoor	3 m 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
	✓ —	✓ —	✓ —	✓ —	✓ —