

RAINFALL AT *Wynhewin*

70

Lat.

Lon.

County of *Cumberland*

Rain Gauge, by

Observer *Rev. R. B. Lawson*

Diameter....									5		
Height									10		
Altitude									574		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January										2.96	
February. ...										6.96	
March										8.06	
April										3.38	
May										2.28	
June									# 4.11	8.33	
July									1.24	11.36	
August									7.48	10.29	
September ..									10.73	10.69	
October									12.04	5.80	
November ..									4.42	2.36	
December ..									4.64	7.62	
TOTALS ..										80.09	

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RAINFALL AT *Wythburn*

70

Lat.

Lon.

County of *Cumberland*

Rain Gauge, by

Observer *J. F. Bateman Esq F.R.S.*

Diameter.									7		
Height.									1. -		
Altitude.									585 T.		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.									9.60	2.10	
February.									6.60	5.70	
March.									4.00	4.10	6.90
April.									3.80	3.40	3.40
May.									6.80	7.80	2.00
June.									6.70	4.50	9.20
July.									10.80	1.30	9.40
August.									9.80	6.90	9.70
September.									5.60	10.10	10.40
October.									16.70	12.10	4.10
November.									22.00	3.40	1.90
December.									10.20	4.30	7.40
TOTALS									(22.40)	74.10	72.20

RAINFALL AT *Nyctburn* (In Gales Ferry)

Lat. _____

Lon. _____

County of _____

Rain Gauge, by _____

Observer _____

H. Patman, Esq., F.R.S.

Derwent - 2.

Diameter	7										
Height	1.0										
Altitude	580 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	3.20	1.10	8.60	15.40	15.70	6.90	9.00	8.70	4.50	6.10	7.930
February	11.90	7.40	10.40	13.90	10.00	16.00	2.40	5.30	1.10	3.90	8.230
March	3.80	9.20	8.20	4.30	8.40	6.90	7.10	2.40	4.60	5.40	6.030
April	7.00	2.10	7.10	3.40	2.50	6.00	6.10	5.00	5.00	5.10	4.930
May	3.40	8.70	5.90	5.10	7.60	5.00	7.60	3.60	5.40	4.80	5.710
June	6.70	9.60	8.90	6.00	.80	2.50	2.90	.60	2.10	.80	4.090
July	9.60	7.70	14.80	5.50	8.00	4.70	8.80	6.90	9.90	4.50	8.040
August	2.70	8.80	6.40	9.20	2.10	5.60	4.70	4.30	7.40	8.40	5.960
September....	8.40	4.00	5.30	9.70	8.60	12.80	14.60	8.50	2.10	4.00	7.810
October	3.60	4.80	6.90	11.00	5.70	16.60	8.90	5.70	11.30	13.40	8.190
November....	14.30	16.00	13.20	14.80	4.90	6.10	9.90	5.70	16.00	4.70	10.560
December	7.00	10.10	7.80	7.60	13.80	4.30	11.60	7.70	13.50	9.50	9.290
TOTALS	81.60	89.50	103.50	105.90	88.10	87.40	93.60	64.50	83.00	70.60	86.770

N. of Rev. Lawson's g. (vicarage)

RAINFALL AT Wythburn

Lat. _____ Lon. _____ County of Cumberland
Derwent - 2.
Rain Gauge, by _____ Observer G. H. Hiel Esq. C.E.

Monthly

Diameter	7										
Height	1 0										
Altitude	580 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	15.50	7.60	6.50	4.10	15.30	3.50	6.20	1.50	7.80	14.80	8.280
February	1.60	.70	3.00	12.00	18.60	.90	6.50	10.80	9.00	7.20	7.020
March	6.30	5.00	2.30	3.60	6.50	8.30	12.20	15.60	2.50	7.10	6.940
April	2.80	4.60	1.70	1.00	3.60	5.10	4.20	4.60	7.00	8.70	4.320
May	4.90	3.80	7.80	4.10	6.60	.60	.40	5.00	4.90	7.00	4.510
June	7.50	3.00	5.10	5.00	3.40	2.10	5.80	5.40	5.80	2.30	4.540
July	7.70	6.10	6.50	7.80	6.30	7.50	6.70	3.30	2.00	5.10	5.900
August	8.50	19.50	12.20	10.00	8.20	9.90	4.50	15.70	10.20	1.60	10.020
September....	9.00	14.00	15.40	7.80	.40	3.70	11.80	9.30	4.50	9.70	8.560
October	5.50	13.40	9.10	11.40	11.90	7.60	11.50	7.80	8.40	9.40	9.600
November....	16.40	10.60	10.00	6.00	13.60	12.70	3.50	11.60	12.00	14.30	11.070
December ....	.60	19.80	3.20	13.20	11.10	9.20	11.00	17.80	18.80	5.90	11.060
TOTALS . . .	86.30	108.10	82.80	86.00	105.50	71.10	84.30	108.40	92.90	93.10	91.850

1880—

RAINFALL AT *Wylsburn*

Lat.

Lon.

County of *Cumberland*

Rain Gauge, by

Observer *G. H. Hill Esq. C.E.**Detment - 2. M*

Diameter ..	7										
Height	1.4										
Altitude ..	580 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	10.20	5.80	6.00	12.50	11.50	5.50	13.10	3.00	10.80	8.60	8.700
February ..	7.60	(3.50)	3.50	14.20	7.90	5.90	5.20	4.40	5.70	6.00	6.390
March ....	.50	6.40	5.80	17.20	7.00	7.90	6.10	8.00	7.70	5.20	7.180
April	6.10	(6.00)	4.50	2.50	8.30	8.50	2.00	5.80	3.70	5.20	5.260
May	6.00	(3.00)	4.40	4.70	5.00	2.70	8.70	8.00	5.20	3.40	5.110
June	6.20	4.80	1.90	3.00	3.40	3.50	2.30	10.00	3.50	4.60	4.320
July	3.90	1.60	4.70	6.00	5.00	2.90	5.10	3.10	6.20	9.50	4.800
August	9.20	8.10	4.30	11.50	10.30	6.00	8.00	7.40	10.20	4.50	7.950
September ..	6.90	6.80	4.90	8.50	4.80	6.00	3.30	.90	9.20	4.50	5.580
October	12.20	8.20	9.30	22.00	4.20	7.00	12.40	11.60	4.50	16.70	10.810
November ..	8.80	11.50	6.50	6.00	7.00	10.30	10.00	7.10	7.60	5.40	8.020
December ..	20.70	9.40	10.60	7.80	10.00	6.00	5.70	14.00	7.80	11.50	10.350
TOTALS ..	98.30	(75.10)	66.40	115.90	84.40	72.20	81.90	83.30	82.10	85.10	84.40

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1901 Gauge leaking

* { 1901 Manchester Corp. printed table gives
1906 - - - - -

84.60

83.00

} recd. 11.22 entd. 11.22

Hill

RAINFALL at WythburnCounty of CumberlandObserver G. H. Hill Esq. C.E.River Basin Derwent 2

Rain Gauge, by _____

Diameter ...	7										
Height	1.4										
Altitude ...	590 T						610				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS TOTALS
January ...	9.50	4.30	7.60	10.30	8.70	10.10	13.60	3.90	11.80	11.20	40.50
February ...	15.40	11.80	7.70	7.20	15.20	15.10	11.60	1.60	13.40	1.60	28.20
March	3.20	3.10	11.40	11.30	9.10	2.10	3.40	4.20	4.20	5.80	20.60
April	6.80	6.30	2.20	9.90	3.50	5.40	7.70	4.40	1.50	4.40	18.00
May	4.70	4.10	4.00	4.00	4.40	1.50	4.90	4.90	2.90	3.60	16.30
June	2.50	6.10	7.90	7.30	2.80	2.10	5.20	4.20	2.90	3.90	16.20
July	8.00	2.50	7.50	1.00	6.20	7.20	5.40	2.50	6.90	2.30	17.10
August	13.80	5.90	8.40	7.20	5.70	3.90	4.60	16.20	7.70	7.20	35.70
September ..	.90	4.50	4.20	3.80	4.50	1.50	3.90	8.50	17.30	9.10	38.80
October ...	5.50	10.50	9.80	7.50	2.00	2.10	21.90	16.50	15.90	3.00	57.30
November ..	7.00	13.30	6.80	8.10	13.10	4.50	14.50	10.40	9.40	7.60	41.90
December ...	16.90	19.10	18.00	9.00	17.00	15.00	8.60	4.40	14.70	16.40	44.10
TOTALS ...	88.20	91.50	95.40	86.60	92.20	70.50	105.30	81.70	108.60	79.10	374.70

moved Feb. 1916

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

RAINFALL at WYTHBURNCounty of CumberlandObserver L. HOLME LEWISRiver Basin Derwent 260 ft.
Manchester, NW

Rain Gauge, by _____

Diameter ...						5						
Height						1.0						
Altitude ...						610						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	1920-30 Total *
January ...	13.90	21.30	8.30	8.40	9.70	(11.00)	15.90	11.80	24.10	4.20	19.30	147.90
February ...	10.40	5.0	9.60	14.40	1.50	12.30	12.10	6.70	11.80	2.60	1.80	82.70
March	13.40	15.90	7.00	5.30	2.10	3.00	6.00	9.50	11.20	1.70	6.20	81.30
April	8.60	2.20	4.20	7.00	5.10	11.00	6.50	5.50	4.60	3.20	3.80	61.70
May	11.00	5.20	5.10	6.30	7.40	10.40	4.80	4.80	1.80	6.70	4.30	67.80
June	3.70	1.60	4.70	2.70	4.60	4.0	6.10	6.10	12.70	3.50	3.40	48.50
July	10.20	5.20	10.50	5.80	9.30	2.50	7.60	9.30	5.70	9.80	6.70	82.10
August	6.80	11.10	7.00	17.90	7.30	9.00	9.00	11.20	17.30	12.60	14.30	123.20
September...	4.30	3.10	6.10	12.70	14.70	7.30	8.20	12.60	6.40	3.50	6.50	85.40
October.....	4.10	4.50	3.00	21.70	9.60	16.30	8.80	12.80	25.90	14.40	20.00	136.10
November...	9.10	4.30	5.20	12.10	7.80	3.20	16.20	11.60	20.20	24.10	12.20	126.00
December...	10.40	19.70	15.00	9.40	21.60	10.20	2.10	4.90	9.70	24.00	11.90	138.90
TOTALS...	105.90	93.60	85.70	123.70	100.70	(96.60)	103.30	106.80	146.10	109.80	109.40	1181.60

1925 Gauge fixed 19 Jan. Total for Jan computed from slugs gauge.
 1929. Average deleted from B.R.

1921-24 readings from old g. (previous street)

* Readings from old gauge added in figs. 1920-24.

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	Parish Church.	Distance from gauge	Direction

RAINFALL at KythburnCounty of CumberlandObserver Messrs G. H. Hill & Sons G.E.River Basin Derwent 2L. Holme Lewis, (1921)

Rain Gauge, by _____

Diameter ...	7										
Height	1.4										
Altitude ...	610										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	13.90	21.30	8.30	9.40	9.70	11.00					
February ...	10.40	5.50	9.60	14.40	1.50	12.60					
March	13.40	15.90	7.00	5.30	2.10	2.90					
April	8.60	2.20	4.20	7.00	5.10	10.60					
May	11.00	5.20	5.10	6.30	7.40	10.30					
June	3.70	.60	4.70	2.70	4.60	4.00					
July	10.20	5.20	10.50	5.80	9.30	2.50					
August	6.80	11.10	7.00	17.90	7.30	8.90					
September...	4.30	3.10	6.10	12.70	14.70	7.10					
October	4.10	4.50	3.00	21.70	9.60	16.10					
November...	9.10	4.30	5.20	12.10	7.80	3.10					
December...	10.40	19.70	15.00	9.40	21.60	9.70					
TOTALS...	105.90	93.60	85.70	123.70	100.70	95.20	<u>see new gauge</u>				

1925 N. P. check.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Wythburn

County of Cumberland Observer Manchester Corpn. W.W.

River Basin Derwent - 2

Type of Gauge

Annual Average 99.5 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref. 8 P.B. 408
96.8 12 Revised VII/37
660604/26.

Diameter	5.											
Height	1.0.											
Altitude	610.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means	107.15
January	10.10	23.20	14.13	16.99	4.64	14.16	16.11	10.56	15.18	1.82	13289	
February	9.30	.12	9.52	.68	18.51	5.32	11.10	5.33	15.31	3.75	7894	
March	2.20	6.84	8.07	6.50	2.50	6.28	4.43	6.46	7.90	11.08	6226	
April	4.60	9.38	2.97	6.58	7.79	1.88	5.87	1.10	4.11	3.93	4821	
May	6.50	5.53	4.22	7.03	1.04	1.48	3.16	7.98	1.46	2.16	4056	
June	9.90	4.58	3.28	3.34	8.87	6.44	4.46	14.44	7.08	.90	6329	
July	9.20	9.77	8.48	2.54	4.00	9.80	5.25	13.76	13.44	8.72	8496	
August	6.20	1.63	5.97	9.89	4.48	5.44	5.13	6.35	4.14	4.01	5324	
September	3.60	9.88	1.92	13.97	16.26	10.97	8.96	6.49	2.47	8.48	8300	
October	7.40	15.64	8.40	16.96	17.04	12.14	5.88	24.71	5.58	10.63	12418	
November	21.80	7.70	4.11	3.07	10.26	11.41	2.97	19.09	19.50	11.86	11207	
December	8.00	19.42	1.46	17.99	7.04	17.45	7.10	9.03	6.31	11.05	10515	
TOTALS	98.80	113.69	72.53	106.54	102.43	103.39	80.42	131.30	102.28	78.39	98875	M

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. TF. M. 3632RAINFALL at Wyrburn

41

County of CumberlandObserver Manchester Canon W.N.River Basin Derwent - 2

Type of Gauge

Annual Average 36.3 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 423File No. 660494/25

Diameter	5"				592	787						
Height	1' 0"					1						
Altitude	610'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	1941-50 Total
January	4.10	7.62	16.68	16.21	8.99	16.60	11.86	17.46	7.92	9.09	115.53	
February	10.25	3.39	9.34	4.95	12.33	7.46	(2.30)	4.54	9.60	13.79	82.95	
March	3.61	8.44	3.87	1.15	7.33	6.18	(9.50)	9.18	3.78	7.06	60.10	
April	3.92	6.97	5.89	5.73	4.47	2.63	13.54	11.62	11.34	9.03	67.14	
May	5.85	9.37	8.94	4.30	6.85	1.98	5.01	3.77	4.75	4.13	54.95	
June	5.54	1.25	6.86	7.44	7.85	9.39	6.32	13.20	1.81	4.25	58.91	
July	2.45	7.12	6.40	4.51	6.85	6.92	5.53	6.84	2.68	7.25	56.55	
August	13.65	12.08	15.36	8.06	2.55	11.26	.05	11.39	5.53	14.68	94.61	
September	2.49	12.35	11.82	9.90	10.39	16.49	9.60	11.89	3.35	22.82	111.10	
October	10.19	13.20	15.41	10.20	13.84	1.07	3.53	9.26	13.98	8.20	98.88	
November	8.35	3.14	7.47	17.07	87	20.01	18.74	9.41	18.13	10.12	113.31	
December	8.06	18.85	5.78	11.99	8.14	12.87	5.45	14.56	19.12	6.05	109.57	
TOTALS	73.46 M	103.78 M	113.82 M	101.51 M	90.46 M	112.86 M	91.43 M	121.12 M	101.99 M	113.47 M	1023.90	10

1947. Feb 6 (Manchester for 500)

30004

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

Station No. 3632

1.39

RAINFALL at Nybburn

51

County of CumberlandObserver Manchester Lcpn. W.W.River Basin Lerwent - 2

Type of Gauge.....

Annual Average 76.8 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 408101.97 " " 35 " " 1916-1950File No. 196735/32 P

E20136136

22.4.21/59

Diameter ...	5"				592	787					
Height ...	1' 0"					1					
Altitude ...	610'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	10.81	9.12	5.35	7.95	9.16	7.14	17.71	11.10	7.08	14.90	100.32
February ...	11.56	2.18	4.14	7.47	3.24	1.94	10.38	11.36	2.82	12.87	67.96
March ...	8.50	6.90	1.69	7.74	3.15	4.30	8.60	2.06	8.53	3.36	54.83
April ...	7.22	5.73	6.67	2.41	4.28	1.97	2.41	3.09	8.21	7.98	49.97
May ...	4.34	4.63	4.81	7.58	8.80	4.80	4.94	8.44	2.01	3.93	54.28
June ...	2.09	4.59	6.15	8.58	6.43	4.44	3.10	5.86	5.94	7.02	54.20
July ...	5.35	5.89	12.52	8.20	4.71	8.48	6.66	5.74	10.13	9.07	76.45
August ...	11.78	11.31	10.40	8.18	4.65	13.95	10.55	7.37	1.98	5.67	85.74
September ...	14.87	9.46	16.16	18.77	7.47	7.29	10.88	11.47	1.45	6.58	104.40
October ...	1.72	10.20	5.65	22.89	7.54	7.94	12.66	10.52	13.59	6.25	98.96
November ...	22.06	5.29	17.82	22.97	4.88	4.03	4.44	2.58	14.63	20.45	119.15
December ...	20.02	8.52	6.80	15.03	14.20	15.91	12.56	10.05	20.61	11.89	135.19
TOTALS ...	120.32	83.82	98.16	137.77	78.41	82.19	104.89	89.64	96.78	109.57	1001.75
	M	M	M	M	M	M	M	M	M	M	

Insp. July 1956 Dales. 9/5 trees SW 45°.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

NV(35)315132

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

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