

RAINFALL AT Birmingham W.W. Gauge

Lat. _____

Lon. _____

County of RadnorCardigan

Rain Gauge, by _____

Observer E. Anthony Lees EsqWye - 5.

Diameter ...									5		
Height									10		
Altitude ...									1650		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									5.20	5.30	
February ...									4.80	1.80	
March									5.00	5.70	
April									3.52	6.30	
May									4.90	3.00	
June									3.25	3.80	
July									7.60	10.20	
August									7.30	3.30	
September ..									6.80	7.20	
October ...									2.68	11.90	
November ..									6.73	4.20	
December ...									7.45	6.20	
TOTALS ...									64.63	68.90	

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RAINFALL at Birmingham W.D. GurgaCounty of CardiganObserver E. Anthony Lee EsqRiver Basin Wye 5

Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	1650										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	8.30	4.50	6.50	8.25	7.55	10.45	6.10	3.00	6.15	6.65	21.90
February ...	9.95	6.50	3.70	2.25	5.95	8.15	7.15	2.60	8.95	5.85	21.55
March	1.80	5.10	12.00	9.15	11.20	3.10	4.10	3.10	4.80	8.65	20.65
April	7.60	(3.50)	1.08	(7.88)	2.55	3.95	7.50	3.80	2.20	6.00	19.50
May	4.70	2.10	2.50	3.72	5.50	3.80	5.40	3.45	5.65	1.20	15.70
June	8.20	6.00	6.40	5.85	2.70	1.75	4.40	3.70	4.13	5.20	17.43
July	9.40	1.11	6.10	2.50	6.60	6.56	3.55	3.14	5.80	2.60	15.09
August	8.95	4.90	15.15	5.10	6.00	6.00	4.55	15.15	3.90	5.70	29.30
September ..	1.05	(6.70)	2.00	4.05	5.00	1.30	6.10	4.05	15.10	4.25	29.50
October ...	6.32	6.80	10.40	5.90	3.30	3.50	10.85	10.60	6.40	2.90	30.25
November ..	8.50	9.30	7.60	11.35	8.15	5.20	4.70	8.80	7.30	6.85	27.65
December ...	12.70	(12.20)	10.50	5.55	9.55	12.65	4.75	2.40	12.00	17.05	36.20
TOTALS ...	88.17	(68.71)	83.93	(72.05)	74.05	66.41	69.15	63.29	82.38	69.90	234.72

1911 Apr, Sep & Dec partly est.^d

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

RAINFALL at Birmingham N.W. (Gongu)County of BarclayObserver J. W. Macaulay Esq. F.R.S.River Basin Wye - 5J. W. Wilkinson C.E.Cape Bedford Rain Gauge, by tick4.99
1.25
4.98 72

Diameter ...	5												
Height	1.0												
Altitude ...	1650	1490											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 TOTALS	
January ...	8.95	11.52	(9.30)	8.83	6.10	(7.46)	(8.40)	8.25	12.65	2.90	8.50	92.86	
February ...	7.05	7.0	8.00	12.46	1.90	(11.94)	4.83	6.40	8.75	2.10	.75	64.88	
March	6.70	(8.24)	4.70	3.20	2.32	(3.62)	(4.60)	6.60	3.80	.70	4.25	48.73	
April	10.20	2.10	4.16	3.50	5.40	(5.14)	3.03	4.95	2.80	1.40	4.85	47.53	
May	5.90	3.40	2.36	6.60	6.73	(5.41)	4.28	2.42	1.25	3.60	3.95	45.90	
June	4.70	1.00	4.60	1.80	3.90	(.12)	4.02	8.12	8.90	5.45	2.05	44.66	
July	8.00	4.19	6.50	5.80	6.43	4.22	6.70	6.12	(5.11)	5.75	10.30	69.12	
August	3.44	9.47	4.30	6.30	10.10	5.05	6.77	11.65	(7.91)	5.35	7.65	77.69	
September...	6.70	3.12	5.94	7.20	8.45	(6.22)	5.45	8.55	2.35	2.25	8.55	64.78	
October	5.30	3.24	1.78	13.10	7.73	9.68	6.38	5.77	(7.95)	9.55	(10.98)	81.48	
November...	2.34	6.10	2.85	6.24	4.60	4.65	8.73	6.35	(2.33)	12.95	(9.37)	75.51	
December...	3.77	8.23	6.55	8.93	9.73	(7.28)	3.45	3.05	(6.95)	(12.35)	8.00	78.29	
TOTALS...	72.75	(60.33)	(61.04)	83.96	73.39	(70.79)	(66.64)	78.23	(80.75)	(64.35)	(79.20)	791.43	

Inspected 12.7.31. In top of rounded hill sloping NW - S. 50° E. on hill a ridge on N. 100 yds. distant. No long wall - a very indistinct exposure. A new site situated 200 yds. NE. of peak by stream on 1500 ft. contour, on nearly level ground rising slightly to the N. - slight hummock on W. This is a much better site & devoid of access.

1921. g. moved in Sept. Rechecked by our station.
1922 Jan. corr. by obs.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Birmingham W.W. (Gungu)County of CardiganObserver J.W. Wilkinson, B.E.River Basin 5-WyeA.A. Barnes Esq. 6.2.1940

Type of Gauge.....

R.O. 292

Annual Average 68.6 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. A.W. Sh. 6Revised - Feb. 1940 15 hrs with rise660.558/26

Diameter	5											
Height	1.0											
Altitude	1490											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	8.45	8.68	6.50	6.75	4.75	8.40	10.85	10.85	9.65	4.50	79.38	
February	9.60	2.0	6.90	.80	8.10	3.95	9.60	4.45	8.60	5.15	57.35	
March	2.20	5.20	4.20	4.95	2.55	3.30	4.40	2.20	4.00	4.80	37.80	
April	7.05	6.10	0.80	5.10	6.50	(4.10)	6.70	1.25	4.90	3.25	45.75	
May	4.95	5.10	2.15	3.75	2.15	2.80	2.40	3.75	1.40	2.10	30.55	
June	4.90	1.60	5.60	2.90	5.40	5.10	3.00	6.25	3.10	.80	38.65	
July	6.75	6.75	3.65	3.55	2.75	(8.50)	3.50	7.30	9.90	10.10	62.75	
August	6.20	1.70	2.70	8.75	2.80	1.70	1.20	5.65	3.65	2.65	37.00	
September	4.30	7.40	1.60	4.20	10.75	6.35	3.50	3.15	1.20	4.85	47.30	
October	3.60	12.40	7.65	9.10	11.30	6.65	3.85	9.45	3.75	8.30	76.05	
November	(9.15)	6.30	2.35	3.70	8.85	8.25	2.75	9.70	18.10	13.95	83.10	
December	5.40	4.35	1.20	12.85	4.95	8.95	6.85	7.85	6.30	6.85	65.55	
TOTALS	(72.55)	(65.78)	45.80	66.40	70.85	68.05	58.60	71.85	74.55	67.30	661.23	

1936 Apr. + July corrected by observer.

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, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 4138

RAINFALL at Birmingham W.W. (Gwngu)

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County of Cardigan

Observer A.A. Barker, Esq., C.E.

River Basin 5 - Wye

C.A. Richards, Esq., C.E.

Type of Gauge

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

Feb 1940 Birmingham Water Bill No. P.5392

File No. 61552 2L F.112/65

Diameter	5				464	759					
Height	1 0					1					
Altitude	1490					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	3.90	8.95	8.95	7.95	5.85	7.90	(5.40)	14.40	5.00	4.30	72.60
February	7.25	2.25	5.95	5.00	7.60	12.10	(3.10)	5.80	2.55	(10.60)	62.20
March	6.10	5.20	2.40	1.05	3.31	1.60	(12.00)	4.10	4.25	3.25	43.26
April	2.55	4.55	3.00	3.45	3.00	2.50	4.50	3.50	5.15	5.75	37.95
May	4.50	6.90	6.40	4.10	4.85	2.75	3.45	2.80	5.20	2.25	43.20
June	1.70	1.00	5.70	4.15	6.65	5.60	2.65	7.40	.54	2.50	37.89
July	4.25	7.10	5.20	4.80	3.25	4.25	4.70	3.50	2.70	4.65	44.40
August	9.85	5.75	6.80	3.20	4.70	10.35	.80	6.10	3.90	7.80	59.25
September	1.55	5.80	7.05	7.25	4.55	8.75	3.25	5.65	2.40	(12.65)	59.50
October	7.60	9.40	5.65	10.00	5.55	2.90	1.15	5.80	8.20	3.90	60.15
November	5.60	1.25	8.10	11.30	.95	10.95	7.90	3.55	9.85	7.95	67.40
December	7.15	10.35	3.55	7.45	7.50	6.60	7.90	9.80	11.65	(6.15)	78.10
TOTALS	62.00	68.50	68.75	69.70	57.76	76.25	57.40	72.40	61.39	71.75	665.90
		M	M	M	M	M	M	M	M	M	

1941 Mar. July Aug. pt. estd.

23.7.47. Station overhauled. Cross cut + gauge reset

1947 Jan. Feb. Mar. used for snow.

A49 Aug + Sept Adj.

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

Air Ministry, Meteorological Office

Station No. T.E. 4138

RAINFALL at Birmingham W.W. (Gungu)

County of Cardigan

Observer C.A. Ridgley Esq. CE

River Basin S-Wye

Type of Gauge

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

Ref.

Feb 1940 Birm. Water Bill At. PB 392

File No. E 3170/45

Diameter ...	5"					464	439				
Height ...	1'						1				
Altitude ...	1420'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.72	6.85	3.60	5.75	(5.05)	8.10	6.08	6.90	8.10	10.45	
February ...	7.75	5.20	3.80	6.65	3.40	10.40	(6.30)	9.76	1.75	(9.00)	
March ...	8.17	3.23	6.15	5.00	(4.00)	4.20	5.85	2.15	4.30	3.35	
April ...	6.25	2.60	5.20	2.90	5.65	2.65	0.54	2.95	6.80	(5.80)	
May ...	3.32	3.20	3.40	3.55	7.60	(2.00)	3.60	3.95	2.10	2.85	
June ...	1.50	3.70	1.70	5.30	6.20	3.95	2.70	5.25	3.10	(3.00)	
July ...	3.10	2.70	9.10	7.20	1.15	6.00	9.60	5.00	4.90	9.50	
August ...	6.60	5.85	5.20	7.10	2.25	8.10	12.70	4.30	1.00	6.85	
September ...	4.75	6.30	5.70	7.50	6.14	6.90	14.20	9.10	.50	6.25	
October ...	2.45	7.10	3.50	10.70	5.70	4.45	7.20	8.10	11.00	6.30	
November ...	12.60	5.50	5.40	11.16	4.30	4.45	4.17	4.10	7.35	(10.80)	
December ...	7.21	7.30	2.68	10.10	7.65	(7.75)	8.00	6.20	12.20	(10.00)	
TOTALS ...	72.62	59.73	65.63	85.51	59.09	(59.95)	80.74	67.76	63.10	(83.15)	
	M	M	M	M	M	M	M	M	M	np	

1959 Abogauge leaking

1957. N.P. low. In new can fitted 6 May.

1958. n.p. low

1959 Insp. No. 0/100 (5/5) 9/10 WSW & SE. Tank well recommended

1954 n.p. low.

1960 np to much ext.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference SN(22) 529732

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ All blank	✓ All blank	✓ 1931, 39-40 M Rest blank	✓ M and 1741 blank	