

RAINFALL at

Llyn Gwynor Birmingham. W.W.

County of Brecon CardiganObserver E Anthony Lee EsqRiver Basin Wye & s

Rain Gauge, by _____

Diameter ...					5							
Height					1.0							
Altitude ...			1500									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEAN TOTALS	
January ...	(5.75)	9.15	5.00	8.15	6.20	3.20	8.35	7.65	25.40			
February ...	4.25	2.75	7.45	10.35	8.40	2.35	6.45	(4.40)	21.90			
March	(10.50)	9.45	9.75	2.50	5.40 (3.75)	4.25	9.15	22.85				
April	(6.80)	8.55	2.30	3.30	5.70	5.00	1.35	5.40	17.45			
May	(2.40)	5.10	4.13	3.85	5.15	4.65	4.90	1.44	16.04			
June	6.80	5.10	2.45	1.90	5.30	4.18	3.40	5.02	17.87			
July	5.08	2.75	7.00 (5.80)	4.75	3.40	6.50	3.75	18.40				
August.....	15.90	6.30	5.20	6.35	5.25	16.25	3.14	4.20	28.84			
September ..	2.05	3.70	3.45	1.70	6.65	4.00	13.65	4.65	28.95			
October ...	6.60	6.50	3.65	3.95	13.00 (1.00)	5.60	3.35	3.20	32.95			
November..	6.90	9.15	6.90	5.45	5.50	8.00	7.00	5.00	25.50			
December...	8.30	5.00	13.55	4.90	4.90	2.80	11.85	13.20	32.45			
TOTALS ...		75.23	72.50	70.83	68.20	76.80 (68.45)	76.44	(69.21)	288.90	X BP		

Probably Excessive rainfall

1917 Mar 8th col.

1919 February - corrected for Snow.

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

RAINFALL at Cwmpathon N.W. (Llyn y Groes)

County of Cardigan

Observer T. W. Waller, Esq., C.B.
J.W. Wilkinson C.E.

River Basin Myle 5

City of Carmarthen Water Dept.

Broadford Rain Gauge, by Casella
No. 8942

Diameter ...	5										
Height	1.0										
Altitude ...	1500										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	9.25	10.00	9.42	8.93	7.16	5.98	8.75	9.40	13.30	2.60	10.00
February ...	5.10	.80	8.27	15.14	1.90	11.45	4.95	6.35	8.00	1.95	.55
March	7.50	7.45	5.10	2.96	2.80	3.38	2.98	7.13	4.65	.75	4.30
April.....	9.60	2.70	4.97	3.70	6.10	5.05	3.65	4.73	2.40	1.30	4.35
May	5.90	3.63	2.12	6.17	8.30	6.18	5.02	2.45	1.30	4.20	3.90
June	3.85	1.30	4.60	3.26	3.93	.38	4.67	8.90	9.20	5.85	2.30
July	8.40	3.60	7.35	5.97	8.27	4.98	8.43	7.13	4.55	5.50	10.35
August	3.98	9.00	4.80	6.72	10.05	5.35	8.18	12.90	8.20	4.50	9.30
September...	6.23	3.27	6.82	8.54	8.67	6.85	5.92	9.70	2.45	2.25	9.20
October.....	7.40	3.60	1.53	13.00	7.57	10.35	6.00	6.93	8.90	11.40	12.70
November...	3.14	6.05	3.00	6.90	4.90	5.38	10.58	6.35	13.20	15.65	9.30
December...	5.70	8.33	8.42	9.87	10.74	4.62	3.17	3.40	5.45	(13.62)	9.10
TOTALS...	76.05	59.73	66.40	91.16	80.39	72.95	72.30	85.37	82.10	(69.57)	85.35

Inspected Oct 1929. g. Half-mile NE. of Lake on gently rising ground. Surrounded by hills, so ideal probably wind effect is minimized. Site will never be perfect, one turf wall should be raised to 2 ft. all round. Front to large enclosure & should be removed.

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 Birmingham w.w. (Slyn Gwynn)

County of Bardigan

Observer T. W. Wilkinson, C.E.

River Basin 5-West

H.A. Barnes, Egg & E 1940

Type of Gauge

P.B.392

Annual Average 10.7 in. based on 24 years obs., un-weighted. Period of average 1881-1905

Ref. A. w Shlo

71

38

1916 - 50

Diameter	5										
Height	10										
Altitude	1500										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means height
January	9.80	9.15	(7.10)	7.35	4.10	7.10	10.00	11.10	9.60	4.10	79.70
February	7.95	2.25	(7.65)	.80	8.15	3.40	9.80	4.10	7.80	5.30	55.20
March	9.40	5.30	4.70	6.10	2.65	3.75	3.95	2.15	4.20	5.05	39.25
April	7.25	5.40	1.00	5.55	6.50	3.45	7.50	1.40	4.75	3.95	46.75
May	4.50	5.60	2.50	4.30	2.45	3.20	2.80	3.90	1.15	2.05	32.45
June	4.90	2.20	5.50	3.55	6.05	6.00	2.10	7.20	4.00	1.10	44.20
July	6.25	7.60	4.90	3.60	1.95	9.80	3.50	8.10	10.55	11.00	67.25
August	6.40	1.65	3.00	8.35	3.55	1.45	1.45	5.70	3.95	2.60	38.10
September	4.20	7.35	1.50	4.25	12.50	5.70	5.45	3.35	1.50	4.60	50.40
October	3.85	13.75	8.40	9.60	10.75	6.80	4.90	10.35	3.85	7.70	49.95
November	10.15	7.25	1.95	3.40	9.25	8.35	2.40	11.10	17.10	14.10	85.05
December	5.85	5.60	1.25	14.20	5.75	10.95	6.35	8.45	6.20	7.35	71.45
TOTALS	72.50	71.10	49.45	71.05	74.25	69.95	61.20	76.90	74.65	69.20	690.25

Turf walls erected 28.9.37. (Footnote B.R.1937)

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

Palawan No.

Station No. T.F. 4135

RAINFALL at § Birmingham W.W. (Mlyn y Mawr)

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County of Cardigan

Observer A.A. Baxters, Esq., C.E.

River Basin 5 - Wye

C.A. Risbridge, Esq., C.E.

Type of Gauge.

P.B. 392
Ref. A.V. W. Sheets

Annual Average 20.2 in. based on 24 years obs. un-weighted. Period of average 1881-1915

71.81 35 1916-50

File No. 660557 71 E 317045

Diameter	5			405	102				
Height	1	0			1				
Altitude	1500				41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1950
January	3.65	8.55	10.25	9.15	5.80	7.65 (5.60)	13.75	5.15	4.60
February	9.00	2.30	6.90	5.25	8.10	9.85 (2.90)	4.50	2.95	8.55
March	5.70	5.40	2.80	1.40	3.40	1.85 (13.10)	3.70	4.50	3.55
April	2.90	4.15	3.15	2.25	4.15	2.25	5.25	3.40	6.40
May	4.55	7.65	6.00	3.80	4.95	3.15	3.80	2.95	5.80
June	1.80	1.00	5.95	4.50	6.35	5.30 (3.10)	8.30	.65	2.75
July	4.50	8.25	5.20	5.05	4.00	4.70	4.20	4.85	1.15
August	8.80	5.80	6.55	4.00	4.70	11.75	1.05	6.25 (4.50)	8.70
September	1.45	5.75	7.55	7.75 (5.55)	8.35	4.50	7.60	2.05	13.25
October	7.20	11.30	6.00	11.25	4.70	3.25	1.70	6.85	8.80
November	4.75	1.45	8.85	12.15	1.05	11.45	8.25	4.10	9.15
December	6.70	10.80	4.15	7.35	7.65	7.45	8.70	10.75	9.80
TOTALS	61.00	72.40	73.35	73.90	60.40	77.00	62.15	60.80	74.90
	M	M	M	M	M	M	M	M	M

1945 Sept. part est'd. Insp by Eng. Surveyor to N.G. Turf wall lost all round.

31046 Gauge and site completely overhauled.

1947 Jan. Feb. Mar. 8 Aug. 1946 by observer. Station overhauled 5.8.48.

00104

91004

00204

XBP

§ Turf wall round gauge.

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

Air Ministry, Meteorological Office

Station No. T.F194135

RAINFALL at Birmingham W.D. (Llyn Gynon)

County of Ceredigion

Observer C.A. Risbridger Esq. C.E.

River Basin S-Wye

Type of Gauge

Annual Average 70.7 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. P.B.3924 A.W.S.
 " " 71.81 " 35 " 1916-50 " " 1916-50 File No. E 3170/45

Diameter	5'		465	102		5'					
Height	1'			1		10"					
Altitude	1500'			51		1450'					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means T. At 100
January	6.70	7.15	3.75	5.70	5.55	8.60	6.45	7.25	7.80	11.05	70.00
February	7.00	5.95	4.05	7.44	2.85	(1.70)	6.45	10.50	1.50	9.55	56.99
March	8.05	3.70	5.75	4.65	(3.90)	5.15	5.75	1.70	5.50	2.25	46.40
April	6.30	3.60	4.85	3.65	(5.40)	2.70	0.65	2.85	7.15	5.85	42.90
May	3.60	3.30	3.75	3.80	6.68	2.50	3.25	4.75	1.00	2.15	34.68
June	1.70	4.00	2.10	6.45	6.55	4.20	2.95	5.75	3.35	3.15	40.20
July	3.30	2.55	7.56	8.85	1.30	4.65	9.70	6.05	6.05	7.05	56.05
August	8.10	6.15	5.25	7.80	1.19	10.90	10.85	5.05	.80	7.50	63.59
September	5.40	5.15	7.00	7.75	8.50	6.05	12.95	9.45	.75	6.15	69.15
October	2.90	7.10	4.05	10.95	5.60	5.65	7.90	8.35	10.25	7.05	70.10
November	12.50	4.85	6.70	10.00	3.60	4.95	4.05	3.86	8.25	11.80	71.55
December	8.75	8.05	3.20	10.15	7.05	(7.25)	7.05	6.66	11.65	9.35	78.35
TOTALS	74.00	62.35	58.00	87.19	58.07	64.30	77.90	70.20	64.05	83.90	699.96
	M	M	M.	M.	M.	M.	M.	M.	M.	M	

1956 Aug New gauge installed

1959 Insp. Mr. O'Kane (5/59) Q/E in all directions. Roof wall needs rebuilding. Leak at junction of delivery tube

+ funnel

✓ (1959)

Position of Station on Ordnance One-Inch map:			No. of Map	National Grid Reference SN(22)801651		
Date	Lat. N.	Long.	Railway Station	Distance from gauge	Parish Church	Distance from gauge

Summary of Earlier Records from 10-year Sheets: 1916 - 50 P acq'd.

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		1912-19	✓	✓	✓	
		All blank	All blank	1931, 39-40 M Rust blank	M	