

RAINFALL AT *Rhayader (Abergwngy)*

Lat. _____

Lon. _____

County of *Pembrokeshire* *Cardigan.*

Rain Gauge, by _____

Observer *Mr. J. Evans**Wye-5.**JM Goundi Esq C.E.*

Diameter	5										
Height	1.										
Altitude	1200										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		7.30	6.20	3.30	6.95	3.55	3.40	2.40	4.50	7.75	
February25	4.25	8.40	9.40	.65	2.50	4.65	6.35	3.45	
March		3.60	1.40	1.05	6.35	4.85	10.05	6.60	2.85	2.25	
April		3.30	1.65	.45	1.90	2.60	1.90	6.65	4.45	4.10	
May		4.05	3.30	4.45	5.65	.80	.15	1.70	6.15	3.80	
June		3.85	2.80	4.75	3.35	1.35	1.85	3.80	4.15	2.15	
July		5.10	3.90	4.50	7.15	6.25	3.00	2.80	1.95	1.75	
August		10.10	5.15	4.30	6.05	5.95	5.05	5.55	6.45	1.60	
September....		5.25	4.70	5.95	1.35	1.65	12.10	7.50	2.25	5.85	
October		8.65	6.80	7.35	6.95	7.20	8.10	2.00	6.90	3.30	
November		5.70	4.50	5.80	5.90	5.85	2.55	6.55	4.50	4.30	
December	[#]	2.15	12.40	4.60	8.10	6.65	5.25	(7.90)	(8.15)	6.70	4.25
TOTALS		69.55	49.25	58.40	67.65	45.95	(58.55)	(58.35)	57.20	44.65 ⁹	

625

1899 Gauge out of order part of the year

RAINFALL at Birmingham W.S. AbergavennyCounty of CardiganObserver E. Antony Lewis EsqRiver Basin Wye 5

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	1200										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-1919 MEANS Totals
January ...	7.20	2.75	6.25	(7.70)	5.95	10.20	6.10	2.85	5.30	6.90	21.15
February ...	9.00	5.20	3.35	2.45	6.40	8.20	(7.90)	1.90	6.85	2.85	19.50
March	1.80	4.35	10.90	(8.35)	10.20	2.40	(3.30)	3.15	4.15	7.55	17.95
April	6.75	3.60	.80	8.20	2.05	3.55	7.70	3.30	2.05	4.95	18.00
May	4.05	1.55	2.15	3.65	3.90	4.00	4.75	3.45	4.40	1.00	13.60
June	7.25	4.65	6.80	4.35	2.80	2.15	4.30	3.35	2.95	4.45	15.05
July	9.05	1.20	5.10	1.60	5.20	6.00	2.85	2.60	6.75	2.40	14.60
August	6.95	4.25	12.85	2.70	5.05	6.70	4.55	13.50	3.60	4.45	26.10
September ..	.70	6.45	1.65	3.80	4.15	.95	4.65	4.25	15.00	4.45	28.35
October ...	6.75	6.20	7.25	5.65	2.80	3.40	10.60	11.20	5.70	3.15	30.65
November ...	8.45	9.15	7.05	9.50	8.05	4.85	4.50	6.80	6.00	6.00	23.30
December ...	12.75	12.10	10.20	5.00	9.75	11.80	4.35	2.10	12.60	16.15	35.20
TOTALS ...	80.70	61.45	74.35	(62.95)	66.30	64.20	65.55	58.45	75.35	64.10	267.45
	D	D	7	2	D	D	D	D		d	

1916 Feb & Mar and for S. 1910-15 Daily values in bound volume, shelf C5, R.14.

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

RAINFALL at Birmingham W.V. (Hedgecroft)County of CardiganObserver J.W. McCauley Esq. C.E.River Basin Wye-5for City of B'ham Water Dept.

Station Rain Gauge, by N.J.
Notes Boiler tank can catch
up to 100% of rain in 10 min.

502
448
850
500

Diameter ...	* 5	* 1886 to 1920 Hgt. Sta. No. 50-444760 Hgt. 30 (22) 869734 alt 366m	† 1921 to Hgt. Sta. No. 50-444760 Hgt. 30 (22) 870734 alt. 351m										
Height	1.0												
Altitude ...	1200	1150											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1931	1920-30 Totals	
January ...	9.20	9.50	9.90	11.35	5.55	7.85	9.80	9.35	15.85	2.55	10.10	101.00	
February ...	7.25	3.5	9.70	14.80	2.30	12.95	5.25	5.80	10.35	2.25	.85	71.85	
March	7.40	7.50	5.55	3.55	2.40	3.45	4.55	7.95	14.45	.50	4.30	51.60	
April	10.35	2.05	4.60	4.95	5.50	5.95	3.00	5.45	3.10	1.40	4.45	50.80	
May	5.20	2.60	1.65	6.50	7.45	6.40	4.95	2.25	1.45	3.65	(4.10)	46.20	
June	4.85	5.0	3.55	1.25	4.15	.15	3.50	8.45	7.40	6.10	2.20	42.10	
July	7.00	4.05	7.15	5.90	6.90	3.65	6.75	5.80	5.05	5.20	8.20	65.65	
August	2.55	8.60	5.45	7.20	9.05	5.15	7.05	11.75	8.50	4.45	7.15	76.90	
September...	6.75	(2.30)	6.05	9.90	9.25	6.15	5.15	8.25	2.45	2.00	9.35	67.60	
October	5.00	3.60	1.85	14.90	9.15	11.05	7.25	6.45	8.20	10.25	11.95	89.65	
November...	2.85	5.65	3.10	7.25	5.05	5.20	10.40	6.90	13.40	14.20	10.95	84.95	
December...	4.90	10.60	7.35	8.60	10.40	7.95	3.60	3.45	7.15	14.75	9.10	87.85	
TOTALS...	73.30	7.30	65.90	96.15	77.15	75.90	71.25	81.85	87.35	67.30	(82.70)	836.15	
	D	D	D	D	D	D	D	D	D	D	D	XBD	

Station C. 13.7.21 Station not well placed Station on hillside on top of flat meadow plateau fairly soft. 50% S.E. but level on windward side. Suggest 100% E to meadow also a phone preferably flat & sheltered in all winds. Warned to keep away from station on N.W. Slight drop on E but not to be lost.
 1921 Station corr. by Station station.

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. (Abercrombie)*County of *Cardigan*Observer *J.W. Wilkinson, B.E.*River Basin *5-Wye**A.A. Barnes, Esq. 6.2.1940*Type of Gauge *Angford*Annual Average *67.1* in. based on *13* years obs. un-weighted.Period of average *1881-1915*Ref. *Av. 6.2.1940*

70.90

37

1916-54

1916-50

660552/26

Diameter	5											
Height	1.0											
Altitude	1150											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	Total
January	9.25	9.95	(6.80)	7.55	4.05	8.75	11.25	13.29	11.96	3.89	86.84	
February	10.10	10	(8.10)	6.0	10.25	4.00	10.85	5.73	8.87	5.07	636.7	
March	1.25	5.60	(4.20)	5.45	2.50	3.80	4.35	2.28	4.40	5.49	39.32	
April	6.90	7.15	0.80	5.65	7.05	3.80	6.00	1.00	5.12	4.00	48.07	
May	5.05	5.33	(2.28)	3.75	1.65	2.55	2.20	3.46	1.21	2.25	29.70	
June	4.10	1.87	6.10	2.60	6.60	5.35	2.55	6.87	3.13	.75	39.92	
July	5.25	6.82	4.30	3.55	2.30	5.35	3.20	6.94	10.10	9.68	60.59	
August	5.50	1.70	2.15	(8.43)	2.95	1.50	.95	5.18	2.97	2.27	33.62	
September	4.15	6.85	1.40	11.50	10.30	6.15	3.05	2.69	1.13	5.38	45.60	
October	3.25	12.55	8.25	8.45	12.25	6.85	4.20	11.25	3.75	8.69	79.49	
November	9.50	6.55	1.80	3.55	9.35	9.00	2.70	10.05	19.47	15.11	87.08	
December	4.95	4.51	1.50	11.45	5.85	9.65	6.50	8.45	6.66	6.95	66.47	
TOTALS	69.25	68.98	(47.65)	65.55	75.10	69.75	58.50	77.29	76.77	69.53	680.37	

Base level found in container at time of Feb. 1933, gauge replaced.

† Inspected 9.8.37. Gauge in good order with excellent exposure to S.W. & W. but rather open to E. That wall suggested.

Turf wall erected 30.9.37. (Footnote B.R. 1937)

NGA (SN 22) 870734

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 1139RAINFALL at § Birmingham W.W. (Aberqrynghu)

41

County of CardiganObserver A.A. Bards Esq C.E.River Basin S-WC.A. Rindridge Esq C.E.Type of Gauge BradfordAnnual Average 57.1 in. based on 56 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 392
70.90 37 M16-54 File No. 1916-50 0552/26 EA70/45

Diameter	5				464	761						
Height	10					1						
Altitude	1150					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.98	9.28	9.21	8.66	5.97	8.74	5.50	15.77	5.31	4.44	76.86	
February	6.22	2.50	6.01	4.39	9.37	13.57	3.43	6.35	3.51	12.41	67.76	
March	5.70	4.57	2.07	1.18	3.29	1.71	(12.54)	4.64	4.83	3.66	44.19	
April	2.74	4.39	2.66	2.52	3.11	2.31	4.59	4.63	6.68	6.98	40.61	
May	4.84	6.85	5.70	3.55	4.67	3.02	3.50	3.44	5.06	1.95	42.58	
June	1.65	.68	5.69	(3.93)	6.44	5.46	2.75	7.38	.73	2.56	37.27	
July	3.07	6.73	4.61	4.45	3.16	4.71	4.83	3.98	3.91	4.91	44.36	
August	10.60	5.12	7.13	3.63	4.37	9.40	.66	7.08	3.84	8.84	61.17	
September	1.95	5.38	7.59	7.36	4.62	11.43	3.72	6.19	2.42	13.47	64.13	
October	8.01	9.85	6.28	11.89	5.78	3.06	1.40	5.45	9.51	5.27	66.50	
November	5.42	1.05	8.63	11.23	1.03	11.28	9.81	4.11	10.66	10.76	73.98	
December	7.33	10.00	3.80	7.67	7.88	7.15	8.41	8.91	13.88	5.60	80.13	
TOTALS	61.51	66.40	69.38	70.46	59.69	82.34	61.14	77.93	69.89	80.85	699.54	

1944 June values adj. by engineer.
1947 max. cor'd for snow

01004

10004

§ Turf wall round gauge

NG-R 8N(22) 870734

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

Air Ministry, Meteorological Office

Station No. T.F. 9139

RAINFALL at § Birmingham W.W. (Abstrugung)

County of Cardigan Observer C.A. Rindiger Esq CE

River Basin S- WYE

Type of Gauge Bradford

Annual Average 61.1 in. based on 1910-50 years obs. un-weighted. Period of average. 1910-50 Ref. PS 392
 " 7090 " " " 37 " " " within 1910-50 " " 1910-50

File No. E 3170/45

Diameter ...	5"				464	761					
Height ...	1'										
Altitude ...	1150'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	7.81	9.14	33.6	8.06	4.46	(10.38)	7.86	7.11	9.18	10.68	78.03
February ...	8.13	4.52	3.84	6.65	4.81	1.88	6.63	11.91	1.55	9.53	59.45
March ...	2.80	3.47	6.79	6.12	4.07	6.78	6.86	2.33	4.64	3.42	53.28
April ...	8.28	2.74	5.70	2.77	5.36	3.03	0.67	2.88	6.71	7.03	45.17
May ...	3.38	3.32	3.71	3.94	8.62	1.90	3.48	5.08	3.33	2.17	38.43
June ...	1.90	3.70	1.56	6.39	7.92	4.34	3.04	6.70	4.22	3.10	42.07
July ...	3.28	2.72	9.34	7.99	1.22	5.95	10.20	5.76	6.18	8.15	60.79
August ...	6.74	6.15	5.83	8.25	2.20	9.62	12.06	6.26	9.1	6.56	63.56
September ...	5.06	6.27	6.46	8.78	5.83	7.32	14.12	9.78	8.3	5.31	69.76
October ...	2.24	7.24	3.46	12.85	5.49	5.51	8.67	7.65	12.29	7.56	72.96
November ...	14.33	5.71	7.00	12.41	4.05	5.25	5.34	4.39	8.10	11.93	78.51
December ...	11.31	7.78	2.81	11.05	8.72	8.29	9.49	1.67	14.55	11.87	92.74
TOTALS ...	82.26	63.16	57.86	94.76	62.75	67.25	88.40	74.51	72.99	87.31	754.75
	D	D	D	D	D	D	D	D	D	D	

1966 Jan. only for orth.

1959 Imp. Mr. O'Kane (S/S) slightly g/s by trees to N.N.W + O/E NE-E Grass road running

60004

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference SN(22)870234

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

Summary of Earlier Records from 10-year Sheets: 1910-19 1920-30 1931-40 1941-50 1951-60

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910 blank 1912 d	1926 + 8 blanks only 1925 + 27 B. Rest	1939 blank, Only 31, 32 + 40 B rest 31	✓	✓

FRB/M034