

RAINFALL AT Rhayader (Nant-y-Car)

Lat. _____

Lon. _____

County of Radnor Brecon.

Rain Gauge, by _____

Observer

Mr. E. Jones
G. M. Jones Esq C.E.

Wye-8.

Diameter		5									
Height			1.0								
Altitude		1545									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			9.00	4.50	9.55	5.35	5.20	2.98	5.73	15.07	
February			5.00	12.10	11.00	.50	4.00	7.97	7.70	10.02	
March			1.90	2.20	9.10	6.90	13.10	10.48	3.55	8.44	
April			2.05	.20	2.65	4.70	2.35	7.60	6.00	8.00	
May			3.85	4.00	6.15	1.30	.25	2.50	6.70	5.02	
June			3.70	5.05	3.60	.90	2.80	4.97	5.60	2.75	
July			5.00	5.80	7.15	8.10	4.80	4.80	1.72	3.75	
August			5.80	6.15	6.75	7.00	5.60	9.00	9.28	1.90	
September....			7.50	6.45	1.75	1.80	14.60	9.00	2.75	8.20	
October.....		# 14.00	8.15	10.40	9.80	8.55	10.00	3.15	10.22	6.75	
November....			9.00	6.05	6.80	11.10	12.55	2.65	8.55	6.19	7.95
December			19.25	6.50	9.85	7.00	7.50	13.50	19.50	14.85	5.50
TOTALS			64.50	73.50	87.60	65.15	78.85	90.45	80.29	78.35	79.00

* Computed from Nantgwellt.

RAINFALL AT Rhayader Nant-y-car
 Lat. Lon. County of Radnor Brecon
 Rain Gauge, by Observer G. M. Yowadi Esq. Cl.
E. Antony Lewis Esq.

Wye-8

M

Diameter ..	5											
Height	10											
Altitude ..	1545											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	9.50	6.00	4.75	11.75	10.25	5.25	12.40	5.10	5.10	5.85	7.595	
February ..	5.25	2.75	2.25	8.75	8.50	5.75	7.60	3.90	5.00	1.90	5.165	
March	1.00	8.75	4.25	15.50	3.50	10.50	6.20	4.30	5.50	6.20	6.570	
April	4.00	6.50	3.00	3.50	6.00	8.50	2.10	3.60	3.90	6.95	4.805	
May	5.00	1.25	5.75	5.25	3.25	.75	5.90	5.70	4.40	3.45	4.070	
June	5.25	3.75	3.25	3.25	2.75	3.40	3.30	7.80	2.65	3.40	3.880	
July	3.00	3.75	3.75	4.50	3.00	2.50	2.10	7.10	8.20	7.90	4.580	
August	8.00	5.75	5.50	10.75	5.50	8.70	7.60	7.10	7.30	4.50	7.070	
September ..	3.50	3.75	3.50	9.00	4.00	3.80	1.80	1.40	7.60	6.50	4.485	
October	11.75	5.25	5.75	18.50	5.00	6.40	10.40	9.20	3.25	15.00	9.050	
November ..	6.75	6.00	5.75	8.25	5.25	6.60	6.40	5.80	6.97	4.55	6.232	
December ..	13.00	9.00	8.75	7.00	7.25	3.10	8.20	11.00	7.95	11.05	8.630	
TOTALS ..	76.00	62.50	56.25	106.00	64.25	65.25	74.00	72.00	67.82	77.25	72.132	

1900 Sept 28 New gauge erected in place of old
 1906 Rhayader station

H. 2

RAINFALL at Birmingham W.W. HartleyCounty of Brecon CardiganObserver E. Antony LeesleyRiver Basin Wye 8

Rain Gauge, by

Diameter ...	5											
Height	1 0											
Altitude ...	1545											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Ave. Totals	
January ...	9.28	3.34	6.80	10.30	7.70	10.30	8.84	3.07	7.77	7.88	27.59	
February ...	10.00	7.10	5.25	3.70	11.40	12.20	10.45	1.95	9.80	3.15	25.35	
March	3.45	4.14	14.15	11.75	12.75	2.60	(5.00)	4.17	5.36	9.28	23.81	
April	6.22	4.45	.96	11.10	3.55	3.65	7.76	8.90	2.20	4.90	18.76	
May	4.37	2.20	2.55	4.20	4.90	3.68	4.63	4.75	4.95	2.05	16.38	
June	9.10	6.25	6.66	5.90	2.40	2.02	4.77	3.45	3.95	5.87	18.04	
July	7.80	.63	6.05	2.10	6.17	7.06	4.29	3.05	6.75	2.52	16.61	
August	9.13	6.30	14.84	3.95	6.70	5.60	5.81	19.25	3.40	5.17	33.63	
September ..	.80	5.60	1.78	3.90	4.20	1.85	5.96	4.60	15.25	4.11	29.92	
October ...	6.77	7.70	8.95	6.25	3.90	3.76	16.12	13.25	5.65	3.90	38.92	
November ..	8.75	10.00	8.25	12.30	11.20	5.77	6.84	8.90	6.84	6.58	29.16	
December ...	15.16	16.70	13.50	6.15	13.00	14.95	4.80	2.05	15.40	17.50	39.55	
TOTALS ...	90.83	74.41	89.24	81.60	87.87	73.44	(85.30)	72.39	87.32	72.71	317.72	✓ 38

1916 March cond. for S

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

RAINFALL at Birmingham, W. V. (Kentz-bay)

County of Brecon

Observer F. W. Macaulay, Engr. C. E.

River Basin Wye - 8

J. W. Wilkinson C H

Copper Basin Rain Gauge, by Hick

Diameter ...	5											
Height	1.0											
Altitude ...	1525											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals
January ...	10.34	12.66	9.75	11.10	(8.40)	8.20	10.45	12.33	16.70	2.90	14.17	117.10
February ...	6.56	5.0	10.90	17.60	(2.33)	14.30	6.10	7.90	10.10	1.31	.71	78.31
March	9.98	9.64	5.60	3.20	(3.27)	2.12	3.42	9.34	5.80	.82	5.13	59.92
April	12.20	2.10	4.93	5.05	7.35	6.72	3.93	4.60	2.85	1.50	4.36	55.59
May	7.00	3.70	1.75	6.45	9.22	6.60	4.65	2.60	1.14	5.84	4.40	53.35
June	4.23	.92	3.88	1.75	3.90	.02	4.35	9.00	(8.51)	5.20	3.34	44.91
July	8.53	4.45	8.10	7.65	(8.47)	4.65	7.52	7.48	5.16	5.34	9.03	76.38
August	3.87	8.49	5.35	8.45	9.40	5.94	7.50	13.45	8.65	4.89	9.22	85.2
September...	7.27	3.20	5.95	7.75	10.75	7.10	5.10	10.50	2.38	3.04	9.72	72.56
October	5.41	3.42	2.50	13.60	9.13	10.40	6.80	7.85	11.03	10.82	(11.86)	92.82
November...	4.85	5.43	3.55	8.50	6.27	5.30	12.22	6.70	15.97	19.20	(11.06)	99.05
December...	7.11	11.35	9.95	9.50	14.00	8.60	2.40	3.47	6.40	18.86	10.15	101.79
TOTALS...	86.95	65.86	72.21	101.20	(92.49)	81.06	74.44	95.22	(94.69)	79.72	93.15	936.99

Inspected At 12.7.21
appears to be available

The river falls NW - SW but no better info

BF

Position of Station on reduced Ordnance Survey } No. of Map _____
 Map, 2 miles to 1 inch Series

Reference No. _____

[illegible]

RAINFALL at Birmingham W.W. (Kent-y ear)County of BaconObserver J.W. Wilkinson, G.E.River Basin 8-WeA.A. Barnes, Esq. C.E.I. 1940

Type of Gauge

765

Feb 1940 Birmingham Water Btl

Annual Average 19.7 in. based on 44 years obs. un-weighted.Period of average 1881-1915Ref. M. W. S. 16660 552 26

Diameter	5.											
Height	1. 0.											
Altitude	1545											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals	
January	9.43	13.40	8.45	10.70	4.25	11.20	12.85	14.05	12.90	4.00	101.23	
February	9.40	23	7.12	.66	11.30	3.95	11.95	5.30	8.50	5.10	63.51	
March	1.80	5.82	5.90	7.00	2.80	4.80	4.70	2.10	5.90	6.00	46.82	
April	6.20	7.43	1.50	5.40	9.10	4.30	6.60	.90	5.50	4.45	51.38	
May	6.80	6.44	2.40	4.20	2.30	3.15	3.05	5.00	1.40	2.40	37.14	
June	5.48	2.82	5.65	3.05	7.70	5.90	2.10	8.20	4.45	.65	46.00	
July	7.00	6.56	5.20	3.35	1.88	10.65	3.90	8.25	11.15	8.20	66.24	
August	7.30	1.65	2.40	9.10	2.75	1.40	1.60	4.10	4.30	1.85	36.45	
September	3.70	7.04	1.60	6.85	12.40	6.75	4.50	2.50	1.10	4.35	50.79	
October	3.65	15.02	9.75	9.80	12.90	6.60	5.10	12.20	4.40	9.45	88.87	
November	15.18	7.41	2.40	3.60	11.70	8.85	2.60	12.20	18.20	15.35	97.49	
December	6.30	6.22	1.30	17.60	6.90	12.95	8.65	8.85	6.10	7.40	82.27	
TOTALS	82.24	(80.04)	(53.6)	81.31	85.98	80.50	67.60	83.75	83.90	69.20	768.19	

1933. June cond. by Obs.

1934 * monthly values adjusted by Mr. Wilkinson.

1936 * monthly values adjusted by Mr. Wilkinson.

Turf wall set up 21.9.37. (Footnote B.R. 1937)

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

Station No. T.F. 4215

RAINFALL at S Birmingham W.W. (Nant-y-car)

41

County of Brecon Observer A.A. Barnes, Esq., C.E.River Basin S-Wye C.A. Richardson, Esq., C.E.

Type of Gauge.....

Annual Average 1.5 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 202File No. 600.552/202 E.3170/45

Diameter	5		2		465	262					
Height	10					1					
Altitude	1545					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50 7512.15
January	4.20	8.65	12.30	9.30	5.55	9.60	7.40	13.45	4.80	4.60	84.85
February	8.40	2.10	6.60	(3.10)	8.65	12.35	(3.30)	5.40	3.45	13.00	66.35
March	5.80	5.10	2.20	1.80	3.50	2.25	15.00	4.50	4.45	4.00	47.60
April	2.35	5.25	2.25	2.65	3.20	2.65	1.00	4.85	6.50	6.30	42.00
May	5.55	10.30	8.10	2.45	(5.00)	4.20	4.00	4.50	6.95	2.00	53.05
June	1.90	7.0	4.75	3.80	(8.50)	6.00	3.30	8.00	1.05	2.80	40.80
July	4.00	6.80	6.70	4.30	3.40	4.25	4.30	3.60	1.50	5.60	43.35
August	9.60	6.20	6.50	3.80	4.60	10.10	.65	6.70	4.40	11.60	64.15
September	1.10	5.30	6.10	6.30	6.00	11.00	4.40	8.90	2.50	14.50	66.10
October	8.00	8.80	7.75	11.70	6.60	3.50	1.75	5.40	10.00	4.40	67.90
November	6.60	1.35	6.45	11.40	1.20	13.20	9.50	5.50	10.20	10.00	75.40
December	7.20	12.20	4.30	(8.35)	8.00	8.50	7.10	14.60	11.80	6.00	88.05
TOTALS	64.70 M	72.75 M	73.00 M	67.95 M	64.20 M	87.60 M	66.70 M	90.40 M	67.60 M	84.70 M	739.60

1941 Jan. fr. 20th.

1941 Feb & Dec adj. by engineers.

21.10.46 Gauge & site completely overhauled.

1947 Feb. serial for missing observer 1948 Station extended 13.8.48.

1949 Feb & March App.

1950 Station overhauled digital.

S.W. Insp. by C.O. leaving to N.E., then home.
Turfwall down, exp. E.W. & S.W.

20014 06004

20004

5 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.	Direction from gauge.

Station No. 4215 TF 19

RAINFALL at S Birmingham W.D. (Nank-y-car) 51County of Bucknockshire Observer C.A. Risbridger Esq CE.River Basin 8-WyeType of Gauge BradfordAnnual Average 16.5 in. based on 78.93 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 392File No. 196-198 3170/45

Diameter	5"				465	262					
Height	1' 0"					1					
Altitude	1545					51	1560				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January	8.70	10.00	3.10	6.00	5.60	10.00	9.00	8.50	10.70	11.90	83.50
February	8.40	6.00	4.50	(6.90)	4.10	1.00	8.20	(11.50)	1.20	11.40	63.20
March	9.10	4.44	6.20	6.50	5.60	5.30	6.60	2.20	5.90	3.70	55.54
April	7.40	3.50	4.90	2.00	5.10	2.50	.50	2.20	7.40	6.20	41.70
May	4.40	(4.80)	4.30	5.10	8.30	1.65	3.90	5.60	2.20	2.80	43.05
June	1.60	4.80	3.10	8.50	8.40	4.40	2.80	5.50	4.75	3.75	47.30
July	2.90	3.40	8.00	7.15	1.16	5.50	9.10	6.60	4.80	7.40	56.00
August	7.50	7.40	5.55	7.40	1.96	10.40	10.50	5.45	.90	5.25	62.30
September	6.30	5.50	7.10	(8.00)	4.96	7.60	13.50	10.30	.50	6.60	70.35
October	2.20	8.20	4.75	13.00	6.15	5.40	7.20	8.10	11.40	8.50	74.90
November	14.80	(5.80)	8.50	(14.30)	5.40	5.00	4.60	5.00	9.00	14.30	86.70
December	10.50	(7.90)	3.20	9.95	9.10	8.90	(6.70)	6.70	19.50	11.00	88.45
TOTALS	83.80	71.74	63.20	94.80	65.80	(67.65)	82.60	77.65	72.95	92.70	772.99
	M	M	M	M	M	M	M	M	M	M	

1955: Station repositioned 17.5.55.
 High 8.45.57 J.B.O.K. by wind. Site overflooded with direction Timp. wall fair.

1960 March & June post test.

02034

20124

00014

20004

Sump wall round gauge

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 22/879 617

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
	1910-19 -	1920-30 -	1931-40 M 1932-34 - 1935-40 M	H ✓	