

RAINFALL at Eggar Cefnog Birmingham W.W.County of BreconObserver E Anthony JelsleyRiver Basin Wye S

Rain Gauge, by \_\_\_\_\_

Diameter ...				5								
Height .....				1.0								
Altitude ...			1525									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. TOTALS	
January ...			(6.75)	9.70	5.90	9.40	6.20	2.70	7.73	6.70	23.33	
February ...			(5.00)	3.65	8.35	10.60	9.50	2.01	6.45	4.40	22.66	
March .....			(13.25)	9.60	(11.80)	2.40	5.86	4.55	4.10	10.38	24.89	
April .....			(1.00)	9.25	3.75	3.50	9.96	3.80	2.45	4.52	19.03	
May .....			(2.50)	3.85	4.70	5.20	5.10	5.00	4.40	3.00	16.50	
June .....			# 6.00	4.60	2.65	2.15	4.05	3.15	3.00	4.67	14.87	
July .....			5.59	1.95	5.85	6.75	3.40	2.70	6.35	2.13	14.58	
August.....			13.12	2.95	5.55	(5.50)	4.69	17.10	3.15	4.92	29.84	
September ..			1.75	3.75	3.35	1.60	4.63	4.00	13.40	3.70	25.73	
October ...			8.15	6.00	3.80	3.65	12.73	10.25	5.70	3.65	32.33	
November..			7.00	9.90	10.00	6.22	6.30	7.25	5.65	5.48	24.68	
December...			11.90	5.15	(13.30)	14.48	4.20	2.40	13.90	14.25	34.45	
TOTALS ...			(2.31)	70.25	(29.00)	(71.25)	94.60	64.91	76.88	66.80	283.19	X3P

1912 Roughly Estimated  
1915 Aug. estd.

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

## RAINFALL at Birmingham W.W. (Eggar's ceiling.)

County of Brecon

Observer W. Wilkinson Esq. C.E.

River Basin Wye &amp;

J.W. Wilkinson C.H.

Copper Bradford Rain Gauge, by Castle

$$\left\{ \begin{array}{l} 4.99 \\ 5.00 \\ 5.01 \end{array} \right. \begin{array}{l} 7.21 \\ 7.22 \\ 7.23 \end{array}$$

Diameter ...	5										
Height .....	1.0										
Altitude ...	1520	1560									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
											MASS.
January ...	9.38	10.78	10.75	10.13	8.85	(9.38)	11.50	11.55	14.76	3.20	14.20
February ...	5.66	5.50	10.27	16.32	1.85	16.15	6.45	7.35	9.51	1.45	1.10
March .....	10.25	8.70	6.95	4.08	3.70	3.16	3.45	9.85	(6.01)	.72	4.55
April.....	11.20	2.10	5.80	5.82	7.92	6.80	3.85	4.45	3.00	1.84	4.50
May .....	5.83	3.55	1.70	6.41	9.17	7.45	5.30	2.90	.90	5.55	4.30
June .....	3.86	(.90)	4.10	1.46	4.20	.25	3.75	8.45	9.40	4.75	3.40
July .....	7.63	3.24	5.40	7.45	8.65	4.88	9.15	8.25	4.90	5.15	8.80
August .....	3.40	7.67	5.41	8.87	9.30	7.60	7.85	12.85	9.55	5.35	9.00
September...	5.42	3.12	5.68	7.83	10.75	6.17	4.45	9.45	2.38	3.20	9.65
October.....	2.72	3.40	1.62	11.95	9.90	10.70	6.85	9.20	11.95	11.00	12.20
November...	3.22	5.35	(3.49)	8.13	6.90	(4.97)	13.35	6.65	(17.50)	20.35	10.80
December...	6.94	11.19	10.88	8.55	13.65	8.90	1.85	3.75	6.45	18.20	9.80
TOTALS...	78.51	160.50	(75.06)	96.70	94.84	(84.55)	77.80	94.70	(99.98)	80.76	92.30

BD

Described Cl. " - 7.21. g. in humpback land falls away 100 yds N  
 opposite in the direction (W). Suggested moving to good site above 200 ft N.  
 It would be much difficultly is not experienced from drifting snow. It would  
 greatly improve the accuracy of reading.

1921. g. improved in June. Corr. by sun. station. moved in Sept. '21

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

## RAINFALL at Birmingham W.W. (Birmingham Building)

County of Brecon

Observer J.W. Wilkinson, B.E.

River Basin S-wye

A.A. Barnes, F.G.S.B.E. 1940.

Type of Gauge Bradford:

77.5 Feb 1940 Birmingham Water Bd.

Annual Average 22.5 in based on 14 years obs. un-weighted. Period of average 1881-1935

Ref. Av. W.S.L.B.

P.B. 392  
660552/2e

Diameter	5.											1931-40
Height	1.0											Mean
Altitude	1560											Total
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	9.20	14.70	(3.37)	10.20	4.10	12.90	13.40	14.10	13.90	4.50	10537	
February	(8.00)	.20	(6.92)	.65	11.20	4.00	12.70	5.10	9.80	6.45	6502	
March	3.70	5.75	6.60	7.05	2.75	5.20	6.30	1.85	5.90	6.51	51.61	
April	6.20	7.71	2.15	5.70	10.10	4.85	7.15	.60	5.40	4.86	5522	
May	7.40	6.60	2.60	4.20	2.25	3.00	3.00	5.70	4.40	3.55	39.71	
June	5.70	2.82	5.35	3.20	9.10	6.05	2.95	7.80	4.70	.89	4856	
July	6.20	6.73	5.35	3.30	1.70	11.00	3.60	6.10	12.90	8.16	67.04	
August	7.80	1.80	2.15	9.40	3.00	1.15	1.90	4.40	3.75	1.63	36.98	
September	3.50	6.35	1.60	7.10	14.15	6.80	4.55	2.45	1.10	4.51	52.11	
October	3.60	14.20	9.30	11.00	11.95	7.10	5.15	12.40	4.90	10.28	89.88	
November	15.30	7.84	2.30	3.40	12.20	9.50	2.60	14.30	17.80	16.75	101.99	
December	5.85	6.12	1.90	10.65	7.25	13.80	7.80	8.80	6.90	7.91	82.98	
TOTALS	(82.45)	80.82	54.69	81.86	89.75	85.35	71.10	85.60	88.95	76.01	99647	BP
	M	M	M	M	M	M	M	M	M	M	M	

1933. Jan. - July. cond. by obs.

Inpected 10.8.37. Good exposure. Gauge in fence 16' 3". Slight turf wall built up with the fence - not removable N,E, sides. Recommended that gauge is lowered to 1' and similar standard turf wall built inside fence.

Turf wall set up 20.9.37. Rim of gauge lowered to 1' (Footnote B.R. 1937)

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

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

Station No. TF 4213

RAINFALL at ~~5~~ Birmingham W.W (Esgair Colliery)

41

County of Brecon

Observer A.A. Barnes Esq., C.E.

River Basin E-Wye

C.A. Redland, 1ac, C.E.

Type of Gauge Broad band

Annual Average 7.3 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 392

File No. b62852 21 E3170/45

Diameter	5				AUS	347					
Height	1	0				1					
Altitude	1560					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Tons/15
January	4.18	8.95	14.41	9.63 (6.50)	10.05 (8.10)	22.20	4.08	8.02	9.312		
February	8.16	2.46	6.93	2.98	10.64 (3.40)	18.25	6.09	4.00	13.83	71.74	
March	5.61	5.91	1.80	1.90	4.96	2.70 (16.20)	5.14	4.52	8.36	53.09	
April	2.98	4.91	2.09	2.75	4.15	2.80	7.15	5.42	7.11	6.08	45.44
May	5.57	12.40	7.88	3.71	5.14	4.80	4.05	5.02	7.00	2.77	58.34
June	1.95	1.09	6.32	4.58	8.30	7.11	3.17	8.04	1.02	3.01	44.59
July	3.48	6.31	5.41	5.10	3.43	4.45	4.09	4.01	1.72	6.70	44.70
August	10.21	7.16	6.74	3.98	5.00	11.20	.80	6.62	4.01	11.25	66.97
September	1.74	5.46	6.97	7.25	5.64	10.08	4.45	8.00	2.85	14.80	67.24
October	8.15	8.92	7.82	13.53	7.30	3.15	2.19	5.17	0.82	4.94	71.99
November	7.25	1.45	8.10	12.14	1.35	14.00	8.04	5.32	10.54	10.60	78.84
December	7.38	12.73	4.58	9.60 (8.30)	8.95	7.17	15.17	1.75	6.10	91.73	
TOTALS	66.66	77.75	79.05	76.15	70.71	92.54	68.81	96.20	69.42	90.50	787.79

1945 Jan &amp; Dec past cat'd

1946-47. Gauge overhauled. Tiny wall reservoir or new gauge placed

1947. Jan, Feb &amp; Mar. 1948. Jct now by observe

1950 Station overhauled in Aug.

40014

70004

~~5~~ Turf well round gauge.

M

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

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

Station No. 4213 TF 51

RAINFALL at S Birmingham WV (Esqair Celing)  
 County of Brecknockshire Observer P.A. Risbudder, Esq.C.E.  
 River Basin R-Wye  
 Type of Gauge Bradford

Annual Average 77.3 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. 18392  
 - 82.90 - 19 - (within) 1937-56 File No. E3710 1916-1950 43-5

Diameter ...	5"		465	347							Means Tentative
Height ...	1'0"				1						
Altitude ...	1560'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	10.75 (10.38)	3.00	(6.25)	5.90	10.10	9.07	9.30	11.53	11.60	87.88	
February	8.30 4.15	5.00	8.09	6.07	1.15 (8.92)	12.70	1.20 (2.20)			69.78	
March	10.75 (4.60)	4.02	7.00	5.70	5.80 (7.28)	2.10	6.03	4.70		60.88	
April	7.85 3.55	6.02	2.01	5.13	2.50 .55	2.40	7.19	6.04		43.24	
May	4.26 5.28	4.05	4.09	8.82	1.17 (3.92)	5.80	2.25	3.00		42.64	
June	1.75 (5.34)	4.01	8.05	8.45	4.10 3.13	5.84	3.15	3.90		47.72	
July	2.70 (2.56)	4.18	6.04	1.18	5.09	9.00	6.50	5.15		51.59	
August	7.90 4.17	6.00	7.91	1.17	10.00 10.11	6.00	8.0	6.00		63.06	
September	6.95 5.15	8.00	8.05	6.00	2.91 14.04	9.50	.55	6.67		71.82	
October	1.90 9.18	5.11	13.14	6.00	5.15 7.18	7.08	11.14	9.04		74.92	
November	15.00 (5.52)	9.11	15.15	6.06	4.95 (4.62)	4.65	10.05	15.80		90.85	
December	10.95 (10.53)	3.15	9.01	9.96	9.11 (6.90)	7.50	17.02	11.08		95.26	
TOTALS ...	89.06 (76.33)	64.65	94.85	68.37	67.03 (84.72)	79.37	76.06	96.22		799.64	
	M	M	M	M	M	M	M	M			

1955: Station overhauled, 17.8.55.

April 1957 New aneroid barometer. New aneroid supplied. (Old g. was repaired &amp; refixed in May)

1957 7th Too much est.

July 1959 B.O.K. set back in new aneroid W-E but left well fair.

Oct. 1959 - New gauge installed.

1960 Feb past est.

## S Tuf wall round gauge

Position of Station on Ordnance One-Inch map :			No. of Map .....	National Grid Reference SH 89860 .....		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
			51434	40004	32024	20004

## Summary of Earlier Records from 10-year Sheets :

1916-1950, F - Rejected

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1912 ampd 1913-19 -	1920-30 -	1931 - M	1932-34 - 1935-40 M	M