

RAINFALL at

Eggar Culling Birmingham W.W.

County of BaconObserver E. Antony SelbyRiver Basin Wye

Rain Gauge, by

Diameter ...				5								
Height				1.0								
Altitude ...			1525									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS 1916-19 1919-18	
January ...			(6.75)	9.70	5.90	9.40	6.20	2.70	7.73	6.70	23.33	
February ...			(5.00)	3.65	6.35	10.50	9.50	2.01	6.75	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	7.96	3.80	2.75	4.52	19.03	
May			(2.50)	3.85	4.70	5.20	5.10	5.00	4.40	2.00	16.50	
June			#6.00	4.60	2.65	2.15	4.05	3.15	3.00	4.67	14.87	
July			5.69	1.85	5.85	6.75	3.40	2.70	6.35	2.13	14.58	
August			13.12	2.95	5.55	(5.50)	4.67	17.10	3.15	4.92	29.34	
September ..			1.75	3.75	3.35	1.50	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	34.75	
TOTALS ...			(52.31)	70.25	(79.00)	(71.25)	74.60	64.91	76.88	66.80	283.19	X3P

1912 Roughly Estimated
1915 Aug. 1917.

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

RAINFALL at *Birmingham W.W. (Engin Ceiling)*

County of Brecon

Observer J. W. Macaulay Esq. C.E.

River Basin Wye

J. W. Wilkinson C. E.

Copper Bradford Rain Gauge, by C. Wells

Diameter ...	5											
Height	1.0											
Altitude ...	1525	1560										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 March.	1920-30 Totals
January ...	9.38	10.78	10.75	10.13	8.85	(9.38)	11.50	11.55	17.75	3.20	14.20	117.47
February ...	5.66	.50	10.27	16.32	1.85	15.15	6.45	7.35	9.51	1.45	1.10	75.61
March	10.25	8.70	6.95	4.08	3.70	3.15	3.45	9.85	(6.01)	.72	4.55	61.41
April	11.20	2.10	5.10	5.32	7.92	6.20	3.85	4.45	3.00	1.84	4.50	56.78
May	5.23	3.55	1.70	6.41	9.17	7.45	5.30	2.90	.90	5.55	4.30	53.06
June	3.86	(.90)	4.10	1.46	4.20	.25	3.75	2.45	9.70	4.75	3.40	44.82
July	7.63	3.24	5.40	7.45	2.65	4.83	9.15	8.25	4.90	5.15	3.80	76.15
August	3.40	7.67	5.41	2.57	9.30	7.60	7.35	12.85	9.55	5.35	9.00	86.55
September...	5.42	3.12	5.68	7.33	10.75	6.17	4.45	9.45	2.38	2.20	9.65	68.10
October	5.72	3.40	1.62	11.95	9.90	10.70	6.35	9.20	11.95	11.00	12.20	94.50
November...	5.22	5.35	(3.49)	8.13	6.90	(4.97)	13.35	6.65	(17.56)	20.35	10.80	100.77
December...	6.94	11.19	10.88	2.55	13.65	2.90	1.35	3.75	6.75	18.20	9.80	100.46
TOTALS...	78.5	160.50	(75.06)	96.70	94.84	(84.53)	77.80	94.70	(99.96)	80.76	92.30	935.68

Inspected Ct. 11-7-21 g. in hummocky land, falls away 100 yds. W & exposed in that direction (W). Lignites moving to good site about 200 yds. N. & provided to much difficulty is not experienced from drifts, mas. it would greatly improve the accuracy of the mapping.

1921. g. inspected with June. Cor. by same station. moved in Sept. '21

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. (Sogain Liding)County of BresonObserver J.W. Widdowson, G.E.River Basin S. WyeA.A. Barnes, E.S.S. G.E. 1940.Type of Gauge Bradford77.3 Feb 1940Annual Average 52.5 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S. 1940660552/26

Diameter	5.											
Height	1.0											
Altitude	1560											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals	
January	9.20	14.70	(8.37)	10.20	4.10	12.90	13.40	14.10	13.90	4.50	105.37	
February	(8.00)	.20	(6.92)	.65	11.20	4.00	12.70	5.10	9.80	6.45	65.02	
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	5.90	4.86	55.22	
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	48.56	
July	6.20	6.73	5.35	3.30	1.70	11.00	3.60	8.10	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	16.65	7.25	13.80	7.80	8.80	6.90	7.91	82.98	
TOTALS	(82.45)	80.82	54.59	81.86	89.75	85.35	71.10	85.60	88.95	76.01	796.47	

1933. Jan. 27. cond. by obs.

Inspected 10.8.37. Good exposure. Gauge in fence 15' 30". Slight turf wall built up with the fence - not removable N.E. side. Recommended that gauge is lowered to 1' and circular standard turf wall put inside fence.

Turf wall set up 20.9.37. Run 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 Direction from gauge	Parish Church.	Distance Direction from gauge

Station No. TF 4213RAINFALL at 5 Birmingham W.W. (Esqair Colliery)

41

County of BirminghamObserver A. A. Barnes, Esq., C.E.River Basin 8-WyeC. A. Richardson, Esq., C.E.Type of Gauge BradfordAnnual Average 7.2 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 292File No. 662852/26.5.170/45

Diameter	5				465	347						
Height	10					1						
Altitude	1560					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means	Totals
January	4.18	8.95	14.41	9.63	(6.50)	10.05	(8.10)	22.20	4.08	8.02	93.12	
February	8.16	2.46	6.93	2.98	10.64	13.25	(3.40)	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	8.56	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	10.66	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	
	M	m	M	M	M	M	m	M	M	M		

1945 Jan. & Dec. part cold.
 17.9.47. Gauge overhauled. Turf wall renewed & new gauge fixed.
 1947. Jan. Feb. Mar. at 1 ft. now by observer.
 1950 Station overhauled in Aug.

40014

70004

8 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. 4213 TF 19

RAINFALL at 9 Birmingham W.D. (Esquire College)
 County of Brecknockshire Observer P.A. Risbridger, Esq. C.E.
 River Basin S-Wye
 Type of Gauge Bradford

Annual Average 77.3 in. based on 1881-1915 years obs. un-weighted. Period of average Ref. 1881-1915
82.90 - 19 - (within) 1937-56 File No. 1916 1950 1955

Diameter ...	5"				465	347						
Height ...	1'0"					1						
Altitude ...	1560					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January ...	10.75	(10.39)	3.00	(6.25)	5.90	10.10	7.07	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	(12.20)	69.78	
March ...	10.75	(4.50)	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	6.13	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	7.00	6.50	5.15	6.19	51.59	
August ...	7.90	7.17	6.00	7.91	1.17	10.00	10.11	6.00	.80	6.00	63.06	
September ...	6.95	5.15	8.00	8.05	6.00	7.91	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	6.00	4.95	(4.62)	4.65	10.05	15.80	90.85	
December ...	10.95	(10.53)	3.15	9.07	9.96	9.11	(6.90)	7.50	17.02	11.08	95.26	
TOTALS ...	87.06	(76.31)	67.65	94.85	68.37	67.03	(84.72)	79.37	76.06	96.22	799.64	
	M	M	M	M	M	M	M	M	M	M		

1955: Station overhauled, 17.8.55.

April 1957: Insects can be taken. New one supplied. (Old 3 was repaired & refixed in May)

1957 17p Too much est.

June 1957 BOK. Set in line with W-E but staff will fail.

Oct. 1959 - New gauge installed.

1960. Feb part est.

5 Twp wall round gauge

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference SN 89869

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
		51434	40004	32034	20004	

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- Rejected

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