

## RAINFALL AT

Birmingham W.H. Figin I

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of

Radnor

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

Observer

E. Anthony Lewis Esq

Inge - 1.

Diameter ...									5		
Height .....									10		
Altitude ...									1700		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									5.90	4.90	
February ...									6.35	2.20	
March .....									5.90	4.60	
April .....									3.75	6.00	
May .....									5.00	2.50	
June .....									3.35	3.70	
July .....									7.30	9.80	
August .....									7.25	3.60	
September ..									7.20	7.10	
October ...									1.70	10.90	
November ..									6.50	3.50	
December ...									7.00	8.45	
TOTALS ...									67.20	67.25	

RAINFALL at Birmingham W.W. Fagin

No 1

County of RadnorObserver E. Anthony Lees EsqRiver Basin Wye

Rain Gauge, by

Diameter ...	5										
Height .....	1.0										
Altitude ...	1700										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.20	3.45	(6.90)	5.55	8.30	10.90	9.45	3.50	(7.75)	6.70	
February ...	7.60	4.30	(4.10)	2.85	7.10	8.90	8.90	3.05	9.60	(4.95)	
March .....	1.77	4.10	11.50	10.75	12.35	3.15	(5.00)	(4.20)	4.90	8.60	
April .....	6.00	3.40	1.10	9.25	3.20	5.65	7.60	(5.75)	2.40	(6.50)	
May .....	4.20	1.23	2.85	4.30	6.45	3.35	5.75	3.75	5.45	1.30	
June .....	8.05	5.10	6.80	7.45	2.60	1.90	5.75	4.15	4.35	5.92	
July .....	7.70	.85	6.80	3.35	7.25	6.62	4.15	3.21	6.85	3.40	
August .....	7.10	4.10	16.50	6.15	7.40	8.20	6.15	16.15	4.45	6.55	
September ..	9.0	6.70	2.13	3.95	6.10	2.25	6.60	5.12	17.25	5.30	
October ...	6.96	5.80	8.30	6.00	3.45	3.85	13.20	13.50	7.40	5.85	
November ..	8.15	6.80	8.60	12.20	9.45	(6.00)	5.25	10.35	8.55	(10.40)	
December ...	10.40	10.90	11.60	6.70	11.10	15.10	5.85	(3.50)	14.10	14.80	
TOTALS ...	76.02	56.73	87.18	81.50	84.75	(75.87)	(83.65)	76.23	(63.05)	(74.27)	78.926

1911 Ten inches short - not printed.

1912 ~~Not to be printed~~ Jan & Feb est?

1916 Mar cond for S.

1919. Feb, April, Nov. corrected for S.

+ Inspected

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

## RAINFALL at

Birmingham W.B. Figin No 2

County of Radnor

Observer

E. Anthony Esq

River Basin

Wye

Rain Gauge, by

Diameter ...				5							
Height .....				10							
Altitude ...				1700							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 MEANS Totals
January ...				9.20	8.70	12.15	9.25	3.70	7.85	7.05	27.85
February ...				2.85	7.25	9.65	9.10	3.10	9.80	5.50	27.30
March .....				11.70	12.60	3.40	(5.10)	(4.40)	5.05	9.05	2360
April .....				9.65	2.95	6.05	(1.55)	6.10	2.45	(6.70)	22.80
May .....			#	5.10	6.30	3.45	6.20	3.85	5.50	1.52	17.07
June .....				6.75	7.60	2.65	5.70	4.20	5.02	6.50	21.42
July .....				6.90	3.30	7.00	6.65	4.20	3.26	6.90	3.55
August .....				17.00	6.05	7.00	8.20	6.11	(6.66)	4.80	6.60
September ..				2.38	4.20	5.65	2.15	6.80	5.22	17.35	5.40
October ...				8.20	6.40	3.65	4.10	13.65	14.05	7.45	3.95
November ..				9.40	13.45	9.55	(5.95)	5.45	10.55	8.65	(6.50)
December...				10.90	7.60	11.45	15.70	6.00	3.45	14.25	15.00
TOTALS ...				57.10	84.75	(79.80)	(85.11)	(78.54)	95.07	(77.12)	335.84

1912 Nov. transferred with

1916 end for S. &amp; by check g.

1919 April &amp; Nov. corrected for S.

96.

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



RAINFALL at Berrington W.W. (figs) No. 1County of RadnorObserver F.W. Macaulay Esq. C.E.River Basin Wye - 1J.W. Wilkinson C.E.Cape Breton Rain Gauge, by High  
500 ft. above

7.24

Diameter ...	5											
Height .....	1.0											
Altitude ...	600											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	
January ...	10.05	12.13	8.75									
February ...	6.35	8.0	#									
March .....	7.35	9.00										
April .....	10.35	2.80										
May .....	7.55	3.80										
June .....	4.80	1.20										
July .....	8.55	4.50										
August .....	4.10	11.34										
September...	7.55	4.26										
October .....	6.85	4.10										
November...	3.25	5.55										
December...	5.74	12.40										
TOTALS...	82.49	71.88										

Inspected Oct 12. 7.24 g. on summit of slight eminence behind  
highest part of wide expanse of moor. falls signed on all sides, catching over  
exposed. No turf wall & a good deal of debris in exposure. If  
hope of removal adding turf wall & cutting heather has better to  
abandon.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

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. (Tiger) No. 2County of RabatObserver J.W. Macaulay, Esq. C.E.River Basin Wye - 1

J.W. Wilkinson C E

Road for Rain Gauge, by Bealla  
No. 4 5.00 all over  
7.5

Diameter ...	5												
Height .....	1.0												
Altitude ...	170												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals	
January ...	10.90	12.30	9.90	13.84	7.30	9.08	10.02	12.07	(16.13)	(3.41)	12.55	117.50	
February ...	6.44	9.0	11.93	17.76	2.80	14.80	7.12	7.33	(11.84)	(2.49)	7.0	84.14	
March .....	7.45	9.13	6.20	4.30	2.35	4.65	6.07	8.23	4.90	1.10	5.65	61.03	
April .....	10.50	2.85	5.35	4.30	6.45	6.18	3.82	6.57	3.25	1.70	5.25	56.22	
May .....	7.60	3.84	3.45	9.05	2.60	6.35	5.45	3.40	2.35	4.10	5.15	59.34	
June .....	4.85	1.23	5.76	3.56	4.62	4.2	5.10	10.57	11.15	7.10	2.90	57.27	
July .....	10.10	4.65	7.63	7.65	(2.147)	5.32	9.42	8.25	6.95	7.30	12.30	88.04	
August .....	4.20	11.30	5.97	8.76	12.10	6.63	9.23	14.57	9.70	7.50	10.10	100.06	
September...	7.80	4.20	9.63	10.30	10.36	8.22	6.88	(10.84)	3.20	2.70	9.85	54.48	
October .....	6.90	4.30	2.62	16.42	9.67	11.73	8.42	(7.73)	10.75	12.20	14.95	105.69	
November...	3.30	5.70	3.95	8.60	5.70	5.73	10.87	8.45	17.00	18.10	12.65	100.05	
December...	5.85	12.76	8.40	12.70	(11.55)	8.62	4.18	3.65	9.20	16.95	10.20	104.06	
TOTALS...	85.89	73.16	80.79	117.74	(90.97)	87.74	86.58	101.66	106.45	84.65	102.25	1017.88	

Inspected on 13.7.31. g. about 4 in NE of NOI on perfectly flat  
 now. Turf wall 1.6" high ground with Reuter & shall be maintained at  
 least this height. Ditch good side under circumstances; certainly not otherwise  
 If turf wall maintained at present the second should be good

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. (Higin) No 2County of WarwickObserver J.W. Wickham, B.E.River Basin 1- WyeAA. Barnes, Esq. CE 1940

Type of Gauge

Re 44 Birmingham Water Bilt

P. 8392

Annual Average 47.5 in. based on 25 years obs. un-weighted. Period of average 1885-1915 Ref 2 A.V.W. 516

660552/26

Diameter	5											
Height	1.0											
Altitude	1700											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	<del>Mean</del>	<del>T. Total</del>
January	12.20	11.00	(9.00)	8.10	6.10	9.30	14.30	15.20	11.75	4.90	10185	
February	12.10	30	(9.40)	1.10	12.00	4.35	(12.10)	5.90	10.15	6.20	7360	
March	2.30	7.20	5.20	7.30	4.00	4.10	5.60	3.60	4.90	5.70	4990	
April	8.45	7.90	1.15	6.10	7.85	5.10	(8.10)	1.90	(6.00)	5.90	5845	
May	5.35	6.45	2.75	5.25	2.25	3.75	3.40	4.40	1.45	2.40	3745	
June	5.60	2.10	6.65	3.40	6.95	7.15	4.25	9.00	4.00	1.20	5030	
July	8.70	8.45	5.00	4.00	3.40	11.10	4.50	8.85	(12.45)	13.20	7965	
August	7.10	2.00	3.65	9.10	3.75	2.20	1.85	6.45	(4.60)	3.45	1445	
September	5.25	9.85	1.70	5.70	14.85	7.75	5.15	4.10	1.55	5.75	6165	
October	4.75	15.95	9.25	11.90	15.65	8.85	4.95	11.90	(4.55)	9.75	9750	
November	11.65	8.90	2.85	4.30	10.50	9.65	(3.00)	14.00	(32.75)	15.00	10260	
December	8.20	4.90	1.75	15.70	6.90	12.30	9.35	9.60	(8.00)	8.30	8500	
TOTALS	91.65	85.00	58.35	81.95	94.20	85.60	76.55	94.90	(42.15)	81.75	84210	

1933. Jan. Feb. cond. by Obsr.

Turf wall set up 30.9.37. (Footnote B.R. 1937)

1937 Feb. Apr. &amp; Nov. adjusted by observer.

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 Direction from gauge	Parish Church.	Distance Direction from gauge



RAINFALL at <sup>2</sup>Birmingham W.W. (Fign) No 2 ✓

Station No. T.F. 4247

41

County of Radnor

Observer A.A. Burrell, C.E.

River Basin 1-Wye

C.A. Richmond, C.E.

Type of Gauge

Annual Average 81.3 in. based on Feb 1940 Birmingham Water Bill  
years obs. un-weighted. Period of average 1851-1915 Ref

File No. 66552/26 63178165

Diameter	5				465	007						
Height	1	0				1						
Altitude	1700					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals	
January	5.00	10.65	11.35	11.40	7.15	9.65	(6.70)	16.60	6.95	6.25	90.00	
February	9.70	2.65	7.95	5.85	9.40	14.45	(3.80)	5.35	3.15	12.00	74.30	
March	7.25	6.10	3.10	1.80	3.75	2.05	(15.10)	4.85	5.50	3.90	53.40	
April	3.50	4.95	3.90	3.40	4.15	2.75	(5.80)	3.90	6.50	7.05	45.90	
May	6.10	8.25	7.85	4.85	5.75	3.70	4.20	2.65	6.80	2.60	52.15	
June	2.20	1.25	7.00	5.00	8.15	7.05	3.45	9.35	0.75	2.90	47.10	
July	5.00	8.90	5.70	6.10	3.95	5.30	5.65	5.30	2.50	5.30	53.70	
August	11.75	6.25	8.10	4.15	5.75	14.05	1.00	7.60	4.90	(9.83)	73.38	
September	1.75	6.25	8.35	8.55	6.00	10.25	4.70	7.20	2.70	(15.61)	71.36	
October	9.20	12.00	6.80	14.10	5.30	3.65	1.85	7.20	9.45	4.50	74.05	
November	6.10	1.60	10.35	14.20	1.15	12.75	10.25	4.15	11.90	(9.90)	82.25	
December	8.50	12.60	4.60	8.50	8.90	7.85	7.75	11.60	13.50	7.80	91.90	
TOTALS	76.05	81.45	85.05	87.90	69.40	93.50	70.25	85.75	73.89	(86.61)	809.49	
	M	M	M	M	M	M	M	M	M	M	M	

1941 Jan ft. 26ft from map.

22.9.47. Gauge overhauled. Turf wall repaired. New octagonal gauge fixed.

1947 Jan Feb. Mar. April used by Engineer

1950 Aug Sept Nov part cal.

1949 November corr. by reference to form 1090.

1950 Annual total corr. for arch.

9 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.

BRITISH RAINFALL ORGANIZATION

Station No. 4242

TF19

51

RAINFALL at E Birmingham W.W. (Firm) 2

County of Radnorshire Observer C. A. Risbridges Esq. CE

River Basin 1 - Wye

Type of Gauge Octapoint

Annual Average 81.3 in. based on 1881-1915 years obs. un-weighted. Period of average 1881-1915 Ref. 1916-1950  
85.87 " " 35 " " 1916-1950 File No. CE 3170/45 P

Diameter ...	5"				465	207						
Height ...	1'0"											
Altitude ...	1700					51	1620'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total	
January ...	8.30	8.35	4.65	(7.05)	6.80	(9.60)	7.15	7.40	10.00	12.05	81.35	
February ...	8.55	6.40	4.70	8.40	3.15	2.00	6.45	10.95	2.20	10.80	63.60	
March ...	10.00	4.00	6.95	5.70	4.75	5.55	6.55	2.05	4.85	4.50	54.90	
April ...	7.80	3.25	6.00	3.95	6.80	3.25	0.85	3.70	7.75	6.45	49.80	
May ...	3.90	3.90	4.05	4.65	8.30	2.75	3.45	4.85	1.65	2.45	39.95	
June ...	1.85	5.05	2.25	7.15	7.85	4.70	3.65	5.45	3.55	3.50	45.00	
July ...	3.85	(3.10)	10.45	9.00	1.15	5.45	10.05	5.05	6.35	(9.65)	64.10	
August ...	8.35	(7.35)	(6.50)	(9.55)	2.00	11.15	(15.00)	5.60	1.00	7.75	74.25	
September ...	5.90	(7.50)	7.85	8.85	6.90	(8.00)	15.70	9.60	0.75	6.70	77.75	
October ...	3.05	9.50	4.50	12.95	6.85	5.45	8.25	8.90	11.45	7.15	78.05	
November ...	16.85	(6.50)	6.85	12.00	4.45	5.55	4.55	4.00	9.30	13.55	81.60	
December ...	11.10	(8.95)	3.15	12.25	8.40	(9.30)	8.25	7.05	14.00	11.65	94.40	
TOTALS ...	87.50	(73.85)	(68.20)	107.50	67.40	(72.75)	89.90	74.60	72.85	96.20	804.75	10
	M	M	M	M	M	M	M	M	M	M		

1954: Station overhauled 1<sup>st</sup> June.

Sept. 1958. New g. fitted.

Aug 1956

40114 00204

00404

July 1959 160% g. round. Site over-eroded all directions. Turf well maintaining good.

1960 July small est.

00734 00204 40204

5 Turf wall round gauge

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 22 828 715

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
	< 1912 inc 1913-19 -	—	1931 M 1932-34 - 1935-40 M	M	