

# RAINFALL at

*Llyn Gynon* *Birmingham* *W.W.*

10 4135

County of *Decon* *Cardigan*

Observer *E. Antony Jones Esq*

River Basin *Wye & S*

Rain Gauge, by

Diameter ...					5							
Height .....					1.0							
Altitude ...			1500									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS 16-19	
January ...			5.75	9.15	5.00	8.15	6.20	3.20	8.35	7.65	25.40	
February ...			4.25	2.75	7.45	10.35	8.70	2.35	6.45	4.40	21.90	
March .....			16.50	9.45	9.75	2.50	5.70	3.75	4.25	4.15	22.85	
April .....			6.0	8.55	2.30	3.30	5.70	5.00	1.35	5.40	17.45	
May .....			12.40	5.10	4.13	3.85	5.15	4.55	4.90	1.44	16.04	
June .....			6.80	5.10	2.45	1.90	5.30	4.18	3.40	5.02	17.87	
July .....			5.08	2.75	7.00	5.80	4.75	3.40	6.50	3.75	18.40	
August .....			15.90	5.30	5.20	6.35	5.25	16.25	3.14	4.20	28.84	
September ..			2.05	3.70	3.45	1.70	6.65	4.00	13.65	4.65	28.95	
October ...			6.60	6.50	3.65	3.95	13.00	11.00	5.60	3.35	32.95	
November ..			6.90	9.15	6.90	5.45	5.50	8.00	7.00	5.00	25.50	
December...			8.30	5.00	13.55	4.90	4.90	2.80	11.85	13.20	32.75	
TOTALS ...			75.33	72.50	70.83	68.20	76.80	68.45	76.44	67.21	288.90	X 3P

*H. G. G. & H. G. G.*

1917 Mar not est.

1919. February. corrected for Snow.

Date.

Lat. N.

Long.

Railway Station.

Distance.

Direction.

Church.

Distance.

Direction.

RAINFALL at *Birmingham W.W. (Llyn cynon)*

County of Lardigan

Observer: F. W. McClure, Jr., C.E.

River Basin Wye 5

J.W. Wilkinson CE  
City of B'ham Water Dept

Broadford Rain Gauge, by Cassella  
No 8942

Diameter ...	5												
Height .....	1.0												
Altitude ...	1500												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	1920-30 Totals	
January ...	9.25	10.00	9.42	8.93	7.16	5.98	8.75	9.40	13.30	2.60	10.00	94.79	
February ...	5.10	.90	8.27	15.14	1.90	11.45	4.95	6.35	8.50	1.95	.55	64.96	
March .....	7.50	7.45	5.10	2.96	2.80	3.38	2.98	7.13	4.65	.75	4.30	49.00	
April .....	9.60	2.70	4.97	3.70	6.10	6.05	3.65	4.73	2.40	1.30	4.35	48.55	
May .....	5.90	3.63	2.12	6.17	8.30	6.18	5.02	2.45	1.30	4.20	3.90	49.17	
June .....	3.85	1.30	4.60	3.26	3.93	.38	4.67	8.90	9.20	5.85	2.30	48.24	
July .....	8.40	3.60	7.35	5.97	8.27	4.98	8.43	7.13	4.55	5.50	10.35	74.53	
August .....	3.98	9.00	4.50	6.72	10.05	5.35	8.18	12.90	8.20	4.50	9.30	82.98	
September...	6.23	3.27	6.82	8.54	8.67	6.85	5.92	9.70	2.45	2.25	9.20	69.90	
October .....	7.40	3.60	1.53	13.00	7.57	10.35	6.00	6.93	8.90	11.40	12.70	89.38	
November...	2.14	6.05	3.00	6.90	4.90	5.38	10.58	6.35	13.20	15.65	9.30	84.45	
December...	5.70	8.33	8.42	9.87	10.74	7.62	3.17	3.40	5.45	(13.62)	9.10	85.42	
TOTALS...	76.05	9.73	66.40	91.16	80.39	72.95	72.30	85.37	82.10	(69.57)	85.35	841.37	

Inspected Oct 13, 74. g. half-mile NE of lake on gently rising ground.  
Surrounded by hills, so the probably wind effect is minimal. Site will also be  
perfect, but trees would need to be raised to 2 ft. all round. Grass too long in  
enclosure - should be removed.

*Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series*

No. of Map.....

Reference No.

[illegible]

RAINFALL at Birmingham W.W. (Lynn Gynn)County of WarwickObserver J.W. Wilkinson, G.E.River Basin 5-1/2H.A. Barnes, F.R.S. G.E. 1940

Type of Gauge.....

Annual Average 10.7 in. based on 24 years obs. un-weighted. Period of average 1851-1915Ref. AV. W. 56671.81351916-50

P. 8392

660552/26

Diameter	5											
Height	1.0											
Altitude	1500											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total	
January	9.80	9.15	(7.10)	7.35	4.10	7.10	10.00	11.10	9.60	4.40	79.70	
February	7.95	25	(7.65)	.80	8.15	3.40	9.80	4.10	7.80	5.30	55.20	
March	1.40	5.30	4.70	6.10	2.05	3.75	3.95	2.15	4.20	5.05	39.25	
April	7.25	5.40	1.00	5.55	6.50	3.45	7.50	1.40	4.75	3.95	46.75	
May	4.50	5.60	2.50	4.30	2.45	3.20	2.80	3.90	1.15	2.05	32.45	
June	4.90	2.20	5.50	3.55	6.05	6.00	3.10	7.20	4.00	1.10	44.20	
July	6.25	7.60	4.90	3.60	1.95	9.80	3.50	8.10	10.55	11.00	67.25	
August	6.40	1.65	3.00	8.35	3.55	1.45	1.45	5.70	3.95	2.60	38.10	
September	4.20	7.35	1.50	4.25	12.50	5.70	5.45	3.35	1.50	4.60	50.40	
October	3.85	13.75	8.40	9.60	10.75	6.80	4.90	10.35	3.85	7.70	79.95	
November	10.15	7.25	1.95	3.40	9.25	8.35	2.40	11.10	17.10	14.10	85.05	
December	5.85	5.60	1.25	14.20	5.75	10.95	6.35	8.45	6.20	7.35	71.95	
TOTALS	72.50	71.10	49.45	71.05	74.25	69.95	61.20	76.90	74.65	69.20	690.25	
									M	m		

Turf wall erected 28.9.37. (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 Direction from gauge	Parish Church.	Distance Direction from gauge



Station No. T.F. 4135

RAINFALL at § Birmingham W.W. (Hyn Gynon)

41

County of CardiganObserver A.A. Barnes Esq. C.E.River Basin 5. WyeC.A. Richardson Esq. C.E.

Type of Gauge.....

Annual Average 71.81 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. A.M. W. Sheets

71.81

35

1916-50

File No. 66552 26 E 317045

P.B. 392

Ref. A.M. W. Sheets

Diameter	5				4.65	102						
Height	10					1						
Altitude	1500					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1916-50 Means	Totals
January	3.65	8.55	10.25	9.15	5.80	7.65	(5.60)	13.75	5.15	4.60	74.15	
February	9.00	23.0	6.90	5.25	8.10	9.85	(2.90)	4.50	2.95	8.55	60.30	
March	5.70	5.40	2.80	1.40	3.40	1.85	(13.10)	3.70	4.80	3.55	45.40	
April	2.90	4.15	3.15	2.25	4.15	2.25	5.25	3.40	6.40	5.80	39.70	
May	4.55	7.65	6.00	3.80	4.95	3.15	3.80	2.95	6.30	2.25	45.40	
June	1.80	1.00	5.95	4.50	6.35	5.30	(3.10)	8.30	.65	2.75	39.70	
July	4.50	8.25	5.20	5.05	4.00	4.70	4.20	4.85	1.15	5.10	47.00	
August	8.80	5.80	6.55	4.00	4.70	11.75	1.05	6.25	(4.50)	8.70	62.10	
September	1.45	5.75	7.55	7.75	(5.55)	8.35	4.50	7.60	2.05	13.25	63.80	
October	7.20	11.30	6.00	11.25	4.70	3.25	1.70	6.85	8.80	3.70	64.75	
November	4.75	1.45	8.85	12.15	1.05	11.45	8.25	4.10	9.15	8.95	70.15	
December	6.70	10.80	4.15	7.35	7.65	7.45	8.70	10.75	9.20	7.70	80.45	
TOTALS	61.00	72.40	73.35	73.90	60.40	77.00	62.15	77.00	60.80	74.90	692.90	
	M	M	M	M	M	M	M	M	M	M		

1945 Sept. part est'd. 25.9.46. Insp. by Eng. Manning to N.G. Turf wall not all round.

3.10.46 Gauge and site completely overhauled.

1947. Jan. Feb. Mar. &amp; Aug. rec'd by observer. Station overhauled 5.8.48.

00124

71004

00204

§ 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

# Air Ministry, Meteorological Office

Station No. T.F. 97135

RAINFALL at £ Birmingham W.D. (Llyn Gynon)

County of Cardigan

Observer C.A. Rusbredger Esq. C.E.

River Basin S- Wye

Type of Gauge \_\_\_\_\_

Annual Average 70.7 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref PB.3924 A.W.S.

" " 71.81 " " 35 " " 1916-50 " " 1916-50 File No. E.3170/45

Diameter ...	<u>5'</u>			<u>465</u>	<u>102</u>		<u>3'</u>				
Height ...	<u>1'</u>				<u>1</u>		<u>1'0"</u>				
Altitude ...	<u>1500'</u>				<u>51</u>		<u>1450'</u>				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	<u>6.70</u>	<u>7.15</u>	<u>3.75</u>	<u>5.70</u>	<u>5.55</u>	<u>8.60</u>	<u>6.45</u>	<u>7.25</u>	<u>7.80</u>	<u>11.05</u>	<u>70.00</u>
February ...	<u>7.00</u>	<u>5.95</u>	<u>4.05</u>	<u>7.44</u>	<u>2.85</u>	<u>(1.70)</u>	<u>6.45</u>	<u>10.50</u>	<u>1.50</u>	<u>9.55</u>	<u>56.99</u>
March ...	<u>8.05</u>	<u>3.70</u>	<u>5.75</u>	<u>4.65</u>	<u>(3.90)</u>	<u>5.15</u>	<u>5.75</u>	<u>1.70</u>	<u>5.50</u>	<u>2.25</u>	<u>46.40</u>
April ...	<u>6.30</u>	<u>3.60</u>	<u>4.85</u>	<u>3.65</u>	<u>(5.40)</u>	<u>2.70</u>	<u>0.65</u>	<u>2.85</u>	<u>7.15</u>	<u>5.85</u>	<u>42.90</u>
May ...	<u>3.60</u>	<u>3.30</u>	<u>3.75</u>	<u>3.80</u>	<u>6.58</u>	<u>2.50</u>	<u>3.25</u>	<u>4.75</u>	<u>1.00</u>	<u>2.15</u>	<u>34.68</u>
June ...	<u>1.70</u>	<u>4.00</u>	<u>2.10</u>	<u>6.45</u>	<u>6.55</u>	<u>4.20</u>	<u>2.95</u>	<u>5.75</u>	<u>3.35</u>	<u>3.15</u>	<u>40.20</u>
July ...	<u>3.30</u>	<u>2.55</u>	<u>7.55</u>	<u>8.85</u>	<u>1.30</u>	<u>4.65</u>	<u>9.70</u>	<u>6.05</u>	<u>6.05</u>	<u>7.05</u>	<u>56.05</u>
August ...	<u>8.10</u>	<u>6.15</u>	<u>5.25</u>	<u>7.80</u>	<u>1.19</u>	<u>10.90</u>	<u>10.85</u>	<u>5.05</u>	<u>-80</u>	<u>7.50</u>	<u>63.59</u>
September ...	<u>5.40</u>	<u>5.15</u>	<u>7.00</u>	<u>7.75</u>	<u>8.50</u>	<u>6.05</u>	<u>12.95</u>	<u>9.45</u>	<u>.75</u>	<u>6.15</u>	<u>69.15</u>
October ...	<u>2.40</u>	<u>7.70</u>	<u>4.05</u>	<u>10.95</u>	<u>5.60</u>	<u>5.65</u>	<u>7.90</u>	<u>8.35</u>	<u>10.25</u>	<u>7.05</u>	<u>70.10</u>
November ...	<u>12.50</u>	<u>4.85</u>	<u>6.70</u>	<u>10.00</u>	<u>3.60</u>	<u>4.95</u>	<u>4.05</u>	<u>3.86</u>	<u>8.25</u>	<u>12.80</u>	<u>71.55</u>
December ...	<u>8.75</u>	<u>8.05</u>	<u>3.20</u>	<u>10.15</u>	<u>7.05</u>	<u>(7.25)</u>	<u>7.05</u>	<u>6.65</u>	<u>11.65</u>	<u>9.35</u>	<u>78.35</u>
TOTALS ...	<u>74.00</u>	<u>62.35</u>	<u>58.00</u>	<u>87.19</u>	<u>58.07</u>	<u>64.30</u>	<u>77.40</u>	<u>70.25</u>	<u>64.05</u>	<u>83.90</u>	<u>699.96</u>
	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	<u>M</u>	

1856 Aug new gauge installed.

1959 Imp. Mr. O'Kane (5/59) O/E in all directions roof-wall needs rebuilding leak at junction of delivery tube + funnel

12004 20014

Position of Station on Ordnance One-Inch map:

No. of Map \_\_\_\_\_

National Grid Reference SN(22)801651

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 - 50 P accltd.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	<u>1912-19</u> <u>All blank</u>	<u>✓</u> <u>All blank</u>	<u>✓</u> <u>1931, 37-40 M</u> <u>Rest blank</u>	<u>✓</u> <u>M</u>	