

RAINFALL AT

Bala Ceryl Arran

Lat.

Lon.

County of

Merioneth

Rain Gauge, by

Observer

E. Jones

Dec - 1.

Diameter								12	8		
Height								1 -			
Altitude								590+			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								3.85	2.45	2.97	
February								2.87	1.28	3.65	
March								2.53	3.46	2.95	
April								1.72	2.94	6.84	
May								1.79	2.20	4.26	
June94	3.17	.26	
July								2.96	7.97	2.85	
August								4.40	5.85	4.92	
September								5.16	1.34	2.92	
October								3.86	5.44	8.42	
November								3.63	9.24	3.26	
December								5.23	5.15	4.47	
TOTALS								38.94	50.49	47.77	

1887 Llanfist Church ^{2 1/2} 1/2 mile SW
 Wall 20ft high 90ft NW

RAINFALL AT *Dala Eryl Arran*

Lat. _____

Lon. _____

County of *Merioneth*

Rain Gauge, by _____

Observer *Col Wilson*
Mr Burton

No. 1.

Diameter	8										
Height	10										
Altitude	590 ^T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	12.40	4.84	4.48	2.41	7.54	4.80	2.23	1.55	5.09	10.83	5.617
February	1.01	.24	2.18	8.40	7.99	.38	1.62	4.07	5.85	4.66	3.840
March	4.09	3.24	1.52	1.05	4.51	4.57	8.60	7.96	1.60	3.26	4.040
April	1.70	3.62	1.29	.94	1.80	3.30	1.98	4.10	3.43	5.55	2.771
May	2.59	3.51	4.62	2.03	3.98	1.44	.24	1.73	4.68	2.67	2.749
June	2.96	5.02	1.70	2.62	2.13	.77	3.24	3.67	3.56	2.93	2.860
July	3.14	2.92	4.58	2.60	2.34	6.16	3.50	2.68	1.28	1.86	3.106
August	5.69	8.36	7.17	4.79	3.95	5.25	2.49	7.12	8.07	1.91	5.480
September....	2.59	5.26	4.57	4.74	1.00	1.98	7.55	4.87	2.63	4.94	4.012
October	3.71	9.32	6.99	5.83	7.18	6.30	7.02	2.10	5.99	5.09	5.952
November....	10.34	4.46	3.79	4.00	7.99	7.90	1.49	6.92	3.51	5.18	5.558
December	1.15	12.40	2.79	7.17	3.99	4.81	7.66	8.96	7.82	3.17	5.992
TOTALS	51.37	63.18	45.68	46.58	56.40	47.66	47.62	55.73	53.51	52.05	51.978

1890 Llangyl Church 3/4 mile W

Building 20 ft high 90 ft W

Hedge 10 " " 40 " S

143

RAINFALL AT

Bala Engh Aron

Lat. $52^{\circ} 54' 35''$ N.Lon. $3^{\circ} 36' 10''$ W.

County of Merioneth

Rain Gauge, by

Observer

Mrs Burton

Dec - 1.

Diameter ..	8										
Height	1	0									
Altitude ..	590 ^T				600						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.18	5.57	4.58	9.29	6.95	2.75	8.28	4.25	6.55	4.38	5.778
February ..	6.05	2.05	1.15	8.28	7.48	3.59	5.84	4.66	4.88	2.06	4.604
March	1.13	6.58	3.55	9.99	2.50	6.88	6.01	4.19	7.07	4.35	5.225
April	2.57	4.72	2.55	2.56	5.07	4.69	1.20	3.90	3.58	5.22	3.606
May	2.86	1.36	4.09	3.84	2.87	1.09	5.06	4.04	3.59	2.16	3.096
June	3.73	2.51	2.90	1.34	1.76	3.89	1.76	6.65	3.55	3.02	3.111
July	1.89	2.38	2.48	4.08	3.43	2.42	1.40	3.80	5.08	4.53	3.149
August	7.96	4.14	3.36	8.90	5.33	5.98	5.87	5.36	6.08	3.12	5.610
September ..	2.03	1.34	2.39	6.88	2.20	2.58	1.62	.80	4.84	4.87	2.955
October	7.07	4.02	5.70	13.84	2.65	4.28	7.31	9.51	1.29	10.05	6.572
November ..	4.59	6.14	3.96	4.77	4.43	5.73	5.45	3.61	4.46	3.78	4.692
December ..	7.87	9.81	6.86	5.22	5.39	2.08	5.94	6.97	4.89	10.41	6.544
TOTALS ..	52.93	50.62	43.57	78.99	50.06	45.96	55.74	57.74	55.86	57.95	84.902

1903 Bala Church $\frac{1}{2}$ mile E
 " Station $\frac{1}{2}$ " E
 garden hedge 5 ft high 30 ft W.

+ Inspected

RAINFALL at Bala Egl Aran

County of MerionethObserver Mrs BurtonRiver Basin Dee 1

Copper Glaisher

Rain Gauge, by

diam { 7.95
8.13
8.10
7.83glass { 01 - 015
05 - 051
10 - 094
15 - 140
20 - 195{ 30 - 295
40 - 397
50 - 494

Diameter ...	8											
Height	1.0											
Altitude ...	<u>400</u> 600 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	7.86	2.74	4.27	7.59	8.00	9.58	5.80	3.90	6.01	6.49		
February ...	9.15	7.43	4.07	3.42	7.90	10.41	8.67	1.29	8.65	8.68		
March	2.52	3.25	10.59	9.14	8.10	1.76	3.03	4.38	2.01	8.95		
April	5.68	4.07	.69	7.68	1.85	3.01	4.51	2.83	2.12	3.74		
May	3.00	2.32	1.90	3.26	3.12	2.74	4.05	2.84	4.55	1.80		
June	4.23	3.51	7.60	4.66	3.43	1.20	3.03	3.57	2.33	2.54		
July	4.06	1.43	5.38	1.25	6.23	5.53	3.27	2.65	5.45	1.65		
August	7.79	6.94	8.45	3.43	4.46	3.66	3.07	11.09	2.90	4.78		
September ..	.34	5.43	1.51	3.42	3.85	1.91	4.07	3.63	13.41	4.47		
October ...	5.62	5.14	6.86	5.63	2.62	2.39	13.42	9.44	7.13	4.84		
November ...	6.60	8.93	6.76	7.84	9.34	4.17	4.87	5.92	4.82	4.63		
December ...	10.19	12.09	10.08	5.68	14.43	12.17	4.81	2.28	12.25	10.94		
TOTALS ...	67.04	63.28	68.16	63.10	73.33	58.53	62.60	53.82	71.63	57.51	63.90	
	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>1</u>		

1912 Hedge 5 ft high 30 ft W

*Note 1914 return says
J. not moved

+ Inspected CS. 6.11.14 Sound Glaisher rather out of shape & threatening to give way under flange. No gallery.
In enclosed garden rather sheltered by growing conifers 25 yds W. Recommended ordering found
supplying bottle. New glass. also moving g. 25 yds S. Position will not be greatly improved.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	52°54'35"	3°36'10" W.	Bala	½ mi	E	Bala	½ mi	E

RAINFALL at *Bala (Engl. Ar.)*County of *Merioneth*Observer *W.P. Burton*River Basin *See 1*

GLAISHERS Rain Gauge, by

Diameter ...	8"											
Height	1.0											
Altitude ...	600											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January ...	9.40	10.36	7.97	5.69	4.95	7.90	6.82	7.51	13.33	1.68	11.83	
February ...	7.65	6.2	8.44	12.74	1.08	9.78	5.38	4.15	9.70	1.31	.62	
March	8.94	7.04	5.91	2.44	2.85	1.90	2.17	5.68	3.49	.89	2.76	
April	8.63	1.60	3.96	4.06	4.74	4.34	2.81	3.67 ²	2.31	1.40	4.65	
May	8.58	2.23	1.46	5.13	7.71	5.33	3.18	3.02	1.21	3.22	3.16	
June	2.53	.29	2.13	1.54	4.39	.00	2.71	6.95	7.20	3.13	2.17	
July	7.92	3.74	5.44	4.29	6.98	1.88	5.11	3.90	2.97	3.70	6.63	
August	2.60	6.63	4.51	7.98	6.71	5.26	5.28	10.83 ³⁷	6.00	6.80	5.83	
September...	3.47	2.27	5.07	6.14	7.42	4.21	3.94	6.29	1.81	2.25	6.03	
October	3.51	3.88	2.41	11.44	7.83	6.80	6.97	8.74	8.74	7.82	11.76	
November...	3.53	4.05	4.19	8.57	4.60	3.49	10.28	6.43 ³⁷	11.46	12.52	10.07	
December...	5.62	8.74	9.51	5.40	3.93	5.05	1.80	2.09	4.92	15.82	8.12	
TOTALS...	72.38	51.45	61.00	75.42	68.19	55.94	56.45	68.75	73.44	60.54	73.63	

1920. Garden ledge 5 ft. - 36 ft. west.

1930. Garden ledge 6 ft. - 36 ft. N.E.

Gauge read 9 a.m.

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
1920.	53	4 W.	Bala	1 mile	E. NE	Bala	1 mile	E. NE

RAINFALL at Bala (Glyn Arw.)County of MerionethObserver Mrs. BurtonRiver Basin 1- DeeType of Gauge GlaisherAnnual Average 54.6 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. Bala

34387634

Diameter	8.										
Height	1.0.										
Altitude	600.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.72	9.99	6.66	7.46	2.82	8.37	9.02	10.90			
February	8.09	.06	7.59	.45	11.86	4.01	10.00	2.76			
March	1.19	5.26	3.28	5.41	2.44	4.02	4.13	2.45			
April	4.14	6.29	1.61	3.85	4.96	2.59	3.91	.37			
May	4.94	4.73	1.97	4.94	1.87	2.50	2.98	4.07			
June	6.13	2.57	3.70	2.61	6.50	6.63	3.00	6.56			
July	3.48	6.99	3.74	1.52	2.17	7.63	2.23	5.62			
August	7.54	3.29	1.70	5.51	2.42	1.77	1.71	4.12			
September	3.83	7.74	1.23	5.01	9.73	6.27	2.26	2.51			
October	2.36	10.37	7.31	9.39	11.54	6.94	3.63	11.40			
November	10.93	5.70	2.04	1.97	8.15	8.47	1.65	8.41			
December	4.15	4.56	1.29	10.74	4.71	11.57	4.41	6.70			
TOTALS	63.50	67.55	42.12	58.86	69.17	70.77	48.93	65.87	N.R.		

1931. Garden hedge 6' high, 20' W.

Inspected 4/7/34. G. sound but had no funnel & no bottom to outer can. Record for 1933 and 1934 must be in error. Measure reads slightly too much. Excellent exposure.

1938 npv hg.

26/8/1938. While about totals being high as Glaisher g. appears to be defective Gads

1939 N.R.

77 167 127

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	Parish Church.	Distance from gauge	Direction
1931.			Bala	$\frac{1}{2}$ m.	-	Bala	$\frac{1}{2}$ m.	-