

RAINFALL AT Dala Eryl Aran

Lat.

Lon.

County of Merioneth

Rain Gauge, by

Observer

Dec - 1.

E Jones

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 Llanfihel Church $\frac{1}{2}$ mile SW
wall 20 ft high 90 ft NW
n w

RAINFALL AT Gala Eryl Aran
 Lat. _____ Lon. _____ County of Merioneth
 Rain Gauge, by _____ Observer Col Wilson
Mrs Burton

Alt - 1.

Diameter	8										
Height	1 0										
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	10.80	5.617
February	1.01	.24	2.18	8.40	9.99	.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	2.744
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	5.25	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	255.73	53.51	52.05	51.978

1890 Llangua Church 3/4 mile W
 Building 20 ft high 90 ft W
 Hedge 10 " " 40 " S

RAINFALL AT Bala Eng. Wales

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

Rain Gauge, by

Observer Mrs Burton

See - 1.

Diameter ..	8										
Height ..	1	0									
Altitude ..	590 T				600						
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EANR.
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	3.11
July ..	1.89	2.38	2.48	4.08	3.40	2.42	1.40	3.80	5.08	4.53	3.149
August ..	7.96	4.14	3.36	8.90	6.33	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	3.955
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	54.902

D D D D D D

H.W.

1903 Bala church $\frac{1}{2}$ mile E" Station $\frac{1}{2}$. E

Farden hedge 5 ft high 30 ft W.

+ Prospected

RAINFALL at Bala Eryl Aran

County of Merioneth

Observer Mr Burton

River Basin Dee

Copper Glaisher

Rain Gauge, by

diam { 7.95
8.13
8.10
7.83glass { 01 - 015
05 - 051
10 - 094
(5 - 14.0
20 - 195{ .80 - .295
.40 - .397
.50 - .494

Diameter ...	8										MEANS.
Height	1.0										
Altitude ...	900 600 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...	7.86	2.74	4.27	7.50	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	8.64	1.29	8.65	2.68	
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	3.56	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	11.07	2.90	4.78	
September ...	3.4	5.43	1.51	3.42	3.85	1.91	4.04	3.63	13.41	2.47	
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	7.54	9.34	4.17	4.84	5.92	4.82	4.65	
December ...	10.19	12.09	10.08	5.68	14.43	12.17	4.81	2.28	12.25	10.44	
TOTALS ...	67.04	63.28	68.16	63.10	73.33	58.53	62.60	53.82	71.63	57.51	63.90

1912 Nedge 5 ft high 30.32 W

Note 1914 return says
J. not scored

+ Inspected CS. 6.11.14. Found 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 from
suppliers with 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 (Eng. alt.)County of MerionethObserver H.P. BurtonRiver Basin See /Gauge Glacier Rain Gauge, by _____

Diameter ...	<u>8"</u>										
Height	<u>1.0</u>										
Altitude ...	<u>600</u>										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
										<u>1930</u>	
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	6.62	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	2.95	1.90	2.17	5.68	3.49	.89	2.76
April	8.63	1.60	3.96	4.06	4.74	4.84	2.81	3.67	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	6.00	6.80	5.83
September...	9.47	2.27	5.07	6.14	7.42	4.21	3.94	6.29	1.81	1.25	6.03
October.....	9.57	3.88	2.41	11.44	7.83	6.80	6.97	8.74	8.44	7.82	11.76
November...	9.53	4.05	4.19	8.57	4.60	3.49	10.28	7.83	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	59.85	73.144	60.54	73.63
									68.75		

1920. Garden hedge 5 ft. - 20 ft. west.

1930. Garden hedge 6 ft. 36 ft. N.E.
Gauge read 9 a.m.Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	53°	4° W.	Bala	1 mile	E. NE	Bala	1 mile	E. NE

RAINFALL at Bala (cyl. can.)County of MerionethObserver Mr. BurtonRiver Basin 1 - DeeType of Gauge GlaisherAnnual Average 54.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Bas N
343876/34

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	4.45	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	5.61	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	11.67	4.41	6.70			
TOTALS	63.50	67.55	42.12	58.86	69.17	70.77	48.93	65.87	N.R.		
	7	5	3	5	6	6	5	6			

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

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

1938 n/r high

26/8/1938. Wind about 60% being high as Glaisher gauge appears to be defective ~~can't~~

1939.N.R.

77 107 127

Position of Station on reduced Ordnance Survey Map,				No. of Map.....	Reference No.....
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction
1931.			Bala	$\frac{1}{2}$ m.	-