

RAINFALL AT

Lake Yarnow, Brynawyn no. 7.

Lat.

Lon.

County of

Montgomery

Rain Gauge, by

Observer

J. Parry Esq. C.E.

Serial - 5.

Diameter.											2	
Height.											1	0
Altitude.	1311										1311	
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.												
February.												
March.												
April.												
May.												
June.												
July.												
August.												
September.												
October.												
November.												
December.												
TOTALS.											57.42	

Recd. 1904 Ent. 30. x 1. 08

RAINFALL AT *Lake Tynwy, Bryngwyn* No 7

Lat.

Lon.

County of *Montgomery**Serial - 5.*

Rain Gauge, by

Observer

J. P. Parry Esq. C.E.

Diameter	8										
Height	1 0										
Altitude	1,311										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September....											
October											
November											
December											
TOTALS	60.62	63.91	74.29	62.49	54.57	53.46	64.03	38.51	57.38	44.84	

Recd. 1904 Entd. 30.11.08

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4257

RAINFALL AT Lake Eyrnwy, Bryngwyn No. 7

Lat. _____

Lon. _____

County of Montgomery

Rain Gauge, by _____

Observer

J. Barry Esq. C.E.Series 5.

Diameter	8											
Height	10											
Altitude	1311											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January												
February												
March												
April												
May												
June												
July												
August												
September...												
October												
November...												
December												
TOTALS ...	53.45	40.30	44.68	45.05	65.98	47.37	46.62	58.78	60.08	56.55		

Recd. 1904 Ent. 30.2108

RAINFALL AT *Lake Yenny Bryn Gwyn*

Lat.

Lon.

County of *Montgomery*

Rain Gauge, by

Observer *J. P. S. C. L.**Seven, L. bank - 5.*

Diameter ..					3			8			
Height ..								1 0			
Altitude ..				1311 ft							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.86	4.36	5.80	9.05	6.35	2.33	9.07	1.70	4.45	4.17	5.414
February ..	7.23	1.05	1.70	7.02	6.58	2.68	5.37	3.73	3.97	1.20	4.053
March	1.01	5.91	3.16	10.51	2.27	7.60	5.80	3.37	5.45	4.18	4.926
April	2.97	4.26	1.76	1.75	4.83	3.42	1.50	3.40	4.47	5.47	3.383
May	3.23	1.13	4.36	4.57	3.22	2.12	4.55	3.65	3.92	2.22	3.297
June	4.40	2.70	4.13	1.33	2.45	3.53	2.10	7.18	3.88	3.50	3.520
July	2.46	3.36	2.60	4.63	2.80	2.43	1.37	4.47	5.20	4.35	3.367
August	8.23	4.46	4.96	8.90	7.03	7.11	6.37	5.55	4.05	2.78	5.944
September ..	1.91	2.31	2.58	8.08	2.47	3.17	1.40	1.02	5.75	3.72	3.241
October	8.35	3.95	5.16	16.84	3.10	3.93	8.55	8.40	3.00	9.15	7.123
November ..	5.71	6.18	4.05	4.40	2.78	6.25	4.90	4.65	4.73	2.47	4.612
December ..	9.50	7.61	7.03	5.77	5.43	1.97	4.97	8.13	6.30	8.58	6.529
TOTALS ..	61.86	47.28	47.29	82.85	49.31	46.54	55.95	55.25	55.17	52.59	55.400

1900-1902. Recd. XII. 08.

Entered IX. 09.

H. 28

RAINFALL at Lake Vynny Bryn GwynCounty of MontgomeryObserver J. P. P. C. E.River Basin Severn. Left Bank Tributaries 5J. R. Davidson Esq. C.E.

Rain Gauge, by _____

Diameter ...	8										
Height	1 0										
Altitude ...	1311 π										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means. Totals
January ...	6.66	3.02	5.38	7.73	7.28	7.45	7.75	1.48	4.76	6.07	20.01
February ...	6.77	6.68	4.87	3.85	6.85	6.48	5.67	1.25	9.15	3.33	19.40
March	2.10	2.83	8.70	8.17	7.43	1.70	2.37	3.63	2.47	7.08	15.55
April	4.42	3.68	.65	7.67	2.55	2.50	4.20	1.48	1.75	3.48	10.91
May	2.78	2.33	2.13	3.95	4.01	3.06	4.43	3.08	2.73	1.43	11.67
June	4.57	4.15	6.12	4.46	2.33	.65	3.45	3.13	2.17	2.18	10.93
July	4.52	.90	6.50	.76	5.50	4.81	2.57	2.67	6.05	1.11	12.40
August	7.23	4.82	7.91	3.05	4.50	3.90	2.93	9.60	2.70	3.75	18.98
September53	4.82	1.60	3.51	2.80	1.47	3.48	2.87	13.86	3.40	23.61
October ...	5.23	5.80	7.20	5.28	2.50	3.43	12.30	7.76	5.18	3.00	28.24
November ..	6.78	8.40	4.97	8.07	7.65	3.37	5.60	4.73	4.03	3.87	18.23
December ...	9.83	8.45	11.22	4.05	13.98	12.80	4.45	1.60	10.97	12.69	29.71
TOTALS ...	61.42	55.88	67.25	60.55	67.38	53.62	59.20	43.23	65.82	51.39	219.64

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

RAINFALL at Lake Vyrnwy (Bryn Gwyn)

County of Montgomery

Observer J. R. Davidson Esq. C. E.

River Basin Severn, L. bank - 5.

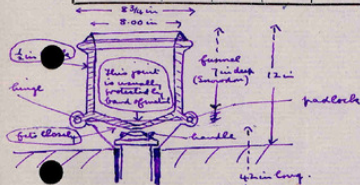
Liverpool WW

See below

Rain Gauge, by

funnel only $4\frac{1}{2}$ in. deep here
& band round 6. at joint.

Diameter ...	8"												
Height	1.0												
Altitude ...	1311												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 TOTALS	
January ...	9.40	9.96	5.70	5.83	5.90	8.02	9.20	6.75	13.50	2.48	8.40	85.47	
February ...	6.80	.22	8.38	12.00	.77	9.78	5.92	4.18	9.50	1.20	1.22	59.97	
March	6.06	5.95	4.76	3.22	2.60	1.60	1.73	5.87	3.86	1.32	3.92	40.89	
April	8.73	1.92	3.53	4.78	4.98	3.28	2.18	3.08	2.91	2.00	4.27	41.66	
May	5.87	3.07	2.12	5.60	8.50	5.72	4.27	2.43	1.33	3.03	3.52	45.46	
June	3.23	.48	2.55	1.73	3.40	.03	2.77	5.33	6.63	3.37	2.60	32.72	
July	8.63	3.28	7.20	4.18	7.26	1.58	5.43	4.43	2.50	4.25	4.81	54.15	
August	3.41	6.02	4.15	7.67	6.20	4.48	5.83	9.17	7.70	6.10	6.18	66.91	
September...	3.25	2.16	4.38	6.13	6.88	5.08	3.30	6.60	2.16	2.40	6.75	49.11	
October	3.68	4.23	2.31	11.43	8.01	7.88	6.56	8.78	9.27	8.00	9.03	78.88	
November...	4.57	4.00	3.03	5.65	4.73	3.03	10.36	8.02	13.10	17.03	9.71	83.23	
December...	7.93	10.91	8.37	5.90	7.10	8.17	1.17	3.63	5.57	14.26	8.97	81.97	
TOTALS...	72.16	52.22	56.48	74.12	66.93	58.35	58.72	68.87	78.03	65.43	69.38	720.09	



Inspected 25.12.18-21
5. of iron with copper rim, inside flannel
+ copper (or brass) containing vessel. Very
solidly built, of standard design & suitable in
every way for conditions. Ready rod in inches
which is divided by 3.03 to give actual raifall.
It was not possible under circumstances to add
given amount of water to gauge & determine
recorded on rod.

[illegible]

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

Rod was incorrectly graduated so that foot runs less than
 about 0.70 foot of .03 in. too little would have
 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
Es. exposed to SW wind			shells on S side bed little in W.S.W.					
Suggest working 75 yds	NNE	(11° E of N)	newer lake to leeward side of hill with slight shells from E or SW to W. A long well weathered gravel beach as wind must be very strong here					

RAINFALL at Lake Uyrnwy (Bryn Gwyn)County of MontgomeryObserver Col. J.R. Davidson, G.E.River Basin 5-Seven - Left BankLt. Col. F. Gilbert C.E.

Type of Gauge.....

* Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....
" 56.7 in. 660603/26

Diameter	8.											
Height	1.0.											
Altitude	1311											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1931-40	
January	5.53	10.47	4.17	7.40	1.80	7.93	8.18	11.53	11.13	2.68	7082	
February	6.43	.20	8.17	.40	9.80	2.43	(9.35)	2.97	6.23	5.05	5103	
March	1.15	4.50	4.02	4.62	2.03	4.50	(3.40)	2.03	3.67	4.66	3458	
April	5.39	6.87	1.82	3.62	5.40	2.57	3.85	.37	3.45	4.75	3809	
May	6.62	4.42	1.50	3.83	1.48	1.50	2.53	4.47	1.13	2.87	3035	
June	4.97	1.50	3.28	3.27	6.83	6.70	3.38	6.50	3.00	1.33	3976	
July	4.07	6.73	4.03	1.20	2.00	7.43	3.53	5.13	11.37	4.10	4959	
August	6.17	1.83	1.67	5.47	1.92	2.55	2.37	4.73	3.17	1.07	3095	
September	3.58	6.38	1.20	5.72	10.68	6.37	2.17	2.10	0.87	5.03	4410	
October	2.12	9.50	6.50	7.03	10.77	5.50	3.70	12.70	3.73	8.67	7022	
November	11.57	6.40	1.83	2.50	7.20	7.47	2.47	9.83	13.17	14.33	7577	
December	4.28	3.95	1.40	11.17	4.43	8.17	4.73	6.40	5.33	5.00	5486	
TOTALS	61.88	61.75	39.59	56.23	63.34	63.12	49.66	68.76	66.25	59.54	59012	✓

1931. Nov. 10. Depth in R. at 12.35 pm. = 5.67 in

1937 Feb. & Mar. adjusted.

* Average supplied by Liverpool W.D. on Encl. 1739 in file 660603/26. Total printed in italics in B.R.

70 99 111

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, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.E. 4257

RAINFALL at Lake Vyrnwy (Bryn Gwyn) ✓

41

County of Mont. Glamorgan Observer H. C. F. Herbert, C.E. ^{dist 12.11.51}

River Basin S. Severn left Bank

Type of Gauge G. T. APERT No. 5396/48

Annual Average in based on years obs. un-weighted. Period of average Ref.

* 56.7 in

File No. 660603/26/E32856

Diameter	8"				424	961						
Height	1' 0"					1						
Altitude	1311'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	(370)	9.33	9.34	8.66	6.50	9.67	5.85	17.57	4.00	2.08	7770	
February	663	1.70	5.00	3.00	9.66	12.03	2.70	6.92	3.83	12.00	63.49	
March	433	4.00	2.33	1.07	3.33	2.73	(12.00)	4.38	2.33	2.75	40.25	
April	217	4.16	2.83	3.07	4.00	1.60	5.95	3.50	6.83	6.03	40.14	
May	407	5.77	6.33	3.17	5.00	2.47	4.03	3.33	5.25	1.92	41.34	
June	1.00	0.67	6.67	4.00	7.03	6.33	3.87	6.82	1.97	2.70	40.36	
July	3.00	5.13	4.33	4.66	2.67	2.48	3.68	3.50	2.50	7.20	39.15	
August	7.50	6.00	6.70	3.30	4.67	8.33	.73	8.45	3.20	8.90	57.78	
September	1.82	4.30	7.00	6.33	6.13	8.57	3.00	5.07	2.02	15.10	59.34	
October	7.66	6.00	5.70	9.83	8.66	2.70	1.58	3.17	9.67	5.00	59.67	
November	4.03	1.00	5.33	11.50	0.50	10.53	9.39	4.55	8.53	8.00	63.36	
December	5.34	6.67	3.20	6.77	7.33	7.12	6.37	6.92	10.38	5.60	65.70	
TOTALS	51.25	54.73	64.76	65.36	65.48	74.56	59.15	74.18	59.53	79.28	648.28	

1941 Jan. estd. by W.O.S.

1947 man. used for snow

1950 New gauge installed placed 75 yds North removing site from crest of hill by L.W.V. 16/5/50

4000ft

(to be printed in italics in B.R.)

* Average supplied by Liverpool W.W. in Encl. 173A in file 660603/26

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

Air Ministry, Meteorological Office

Station No. TE 4257

RAINFALL at Lake Lynsey (Bryn Gwyn)

County of Montgomery

Observer Llanelwylle Corp. W.W.

River Basin 5 Severn-Left Bank

Type of Gauge _____

Annual Average 70.10 in. based on 7 years obs. un-weighted. Period of average 1916-1950

Ref. E2324/58

File No. 660607/26/E3224/45

Diameter ...	8"		5"			8"	5"	424961			
Height ...	1'		1'			1' 0"	1' 0"				
Altitude ...	1311'		1311'			1311'	1311'		51		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	7.20	9.40	2.30	6.70	5.56	10.08	11.12	7.08	9.48	9.00	77.91
February ...	7.80	1.90	3.60	7.40	3.45	1.04	6.10	10.57	1.09	8.43	51.33
March ...	7.05	3.95	5.62	6.52	3.60	5.25	8.30	1.80	4.4	2.64	46.84
April ...	5.55	3.55	4.80	1.50	4.10	1.62	0.70	2.48	5.10	5.09	34.49
May ...	3.85	3.55	3.50	5.50	8.20	1.92	3.55	7.42	2.09	2.38	41.91
June ...	2.08	2.80	2.50	6.00	6.45	4.05	1.60	4.46	3.81	3.04	36.79
July ...	2.80	2.75	8.15	5.85	1.30	7.90	10.08	5.91	7.94	6.75	58.93
August ...	7.55	5.65	5.05	6.00	2.02	8.60	9.08	4.45	1.58	6.81	56.79
September ...	6.65	4.10	7.45	10.48	2.96	6.60	9.58	11.04	0.52	5.65	64.99
October ...	2.12	12.65	2.90	15.45	4.70	4.65	8.57	5.62	9.61	7.80	73.97
November ...	11.58	4.55	8.00	12.50	3.45	3.30	3.05	2.34	7.29	16.40	72.46
December ...	12.00	8.00	1.90	7.50	10.63	9.20	6.07	6.09	15.95	9.90	86.77
TOTALS ...	76.23	62.85	55.70	91.37	56.40	62.11	77.80	68.76	68.00	83.89	703.18
	n	M	M	M.	M.	M.	M.	M	M	M	

1951 January for snow. Eng agrees.

50004

1952 Feb est 10.38. Eng agrees.

1959 Aug. Mr O'Kane (3/59) slightly OK. Tent walk recommended

Position of Station on Ordnance One-Inch map:

No. of Map _____

National Grid Reference SH(23)44136

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ All blank	✓ All blank	✓ 1931 H rest blank	✓ 1941-3 blank 50 H.	