

*new gauge VI.17* 10  
Lake gauge 102

RAINFALL at Llyn-y-Tan-fach

County of Carmarthen

Observer J.W. Blake

River Basin Towy & 2

Rain Gauge, by

Diameter ...	5							5			
Height .....	1	0									
Altitude ...								1380			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			5.99								
February ...			8.12								
March .....			18.33								
April .....			.81								
May .....			X								
June .....											
July .....		#									
August .....		3.76?						21.62			
September ..		6.66									
October ...		7.95									
November ..		14.75									
December ...		18.70									
TOTALS ...											

Extract from letter "when I examined the gauge on 23.VI.17 there was water in both inner outer cylinders. from Hg. 27.VI.17 the funnel appeared sound and to fit well and I found no trace of leakage. The outer cylinder was considerably corroded on outside but appeared sound, and the water inside was clean (is not salty), and I cannot account for its being there".

Inspected. Erected by H.R.M. Perfectly open situation, on edge of sea outlet channel, 90 yds SE of existing outlet and 16 yds E of water edge, in such a way as to be least conspicuous to visitors. About 12 ft. above level of lake.

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

BUA'R LLYN (1925)

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## RAINFALL at Llyn-y-fawr Fach, Cefn-y-llyn.

County of Carmareshire Observer R. G. Jones Esq.

River Basin Towy &amp; 2

11.24 {  
 cotton  
 snowdon  
 sand  
 glass gauge covered

Rain Gauge, by N.G.

Diameter ...	5											
Height .....	1.0											
Altitude ...	1665				1650		1650					
Year .....	1920	1921	1922	1923	1924	#	1925	1926	1927	1928	1929	MEANING
January ...	11.95	6.50	6.27	8.96	12.99	19.90	15.55	26.60	5.10	25.00		
February ...	.00	7.33	13.73	1.05	20.84	10.82	10.55	13.78	2.50	1.23		
March .....	8.77	4.51	2.84	3.81	2.57	2.75	12.50	9.53	3.03	6.59		
April.....	9.2	4.15	5.06	6.97	6.52	6.67	5.09	3.70	1.26	5.84		
May .....	3.09	10.8	4.04	7.23	12.54	6.00	3.75	.77	10.72	5.28		
June .....	.21	2.83	2.07	5.04	.00	5.82	9.62	17.59	5.32	7.85		
July .....	5.53	7.36	5.10	8.83	4.84	9.90	14.46	7.50	7.41	10.21		
August .....	8.38	5.96	7.70	11.26	11.60	10.52	19.62	13.25	10.15	9.33		
September...	2.52	4.71	6.73	11.96	8.10	4.04	17.71	3.95(2.50)	10.99			
October.....	3.35	4.07	13.38	10.67	19.39	7.60	15.03	21.50(14.43)	17.10			
November...	4.56	3.80	7.54	4.83	5.80	23.12	9.50	24.28	32.90	13.68		
December...	5.83	12.92	8.53	15.93	9.36	1.35	6.29	13.30	24.54	9.04		
TOTALS...	55.11	16522	82.99	96.54	114.55	108.40	141.23	155.75	119.86	122.14		
	d	d	d	d				W	W	W		

1922 Jan. estd for our office #

Inspired by 24. vi. 24. Within 40 yds of C.  
 S. on more pronounced hillside, near shelter of mountain. No spray is sent up from lake into gauge. Shelter from mountain ridge from E to S.E.

Overexposed.

1925 Position of gauge has been changed

Sept. 9 Oct. re-adjusted by our 9 stations.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series	No. of Map	Reference No.
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Date.	Lat. N.	Long. W	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1922	51°55'	3°44'	Llangadock	9 mi	W	Glanddewant	2 mi	W

RAINFALL at Llyn-y-fan-dach (Bua't llyn)County of CarmarthenObserver R. G. Jones Llanelli W.L.O.River Basin 2 - Yough C.R.D.C.

Type of Gauge

Annual Average 191.0 in. based on 9 years obs. not weighted. Period of average 1881-1915.

Ref. file

667861/26

Diameter	5.											
Height	1.0											
Altitude	1650											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	<del>Mean</del>	Normal
January	13.05	24.74	10.09	15.46	3.92	12.57	18.18	16.43	15.62	4.66	13.71	
February	11.00	12	7.73	9.9	14.02	6.07	16.70	5.36	11.30	9.60	8.18	
March	3.77	5.65	11.31	8.25	2.48	6.67	11.60	2.22	6.35	11.35	6.85	
April	6.25	8.09	4.40	6.68	12.31	4.95	5.86	5.55	6.73	5.29	6.06	
May	9.65	12.08	3.39	6.90	3.44	2.08	4.00	8.46	1.65	3.09	5.47	
June	11.30	5.23	5.07	3.97	12.73	6.61	4.45	10.92	9.18	1.56	7.02	
July	11.33	6.89	9.13	1.73	2.96	15.66	4.37	10.05	21.26	7.01	9.03	
August	12.68	1.91	2.45	6.88	4.50	3.25	1.97	5.63	5.65	1.59	4.65	
September	4.05	10.19	2.60	12.76	15.33	6.42	5.03	5.43	1.71	3.85	6.73	
October	5.00	17.58	14.49	16.01	14.33	6.18	5.06	18.57	5.56	13.47	11.52	
November	31.78	8.87	2.20	3.88	13.35	8.64	3.29	18.38	19.80	19.34	12.92	
December	16.83	10.72	3.40	28.72	6.88	21.76	12.17	10.57	9.02	7.12	11.71	
TOTALS	126.69	111.77	78.29	112.77	106.25	98.76	92.68	112.57	113.83	87.93	106.94	
					W	W	W	W	W	W		

Position of Station on reduced Ordnance Survey Map. } No. of Map..... Reference No. ....  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931			Llangadock	7 $\frac{5}{8}$ m.	N.W.	Llanddewi-sant	2 $\frac{1}{4}$ m. N.W.
1940			"	9 m.	"	"	2 $\frac{1}{2}$ m. "

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 4102

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## RAINFALL at Hyna-y-fawr Fach (Bwyr Hyna)

County of Carmarthen

Observer Mawellty R.D.C.

River Basin G-Towy &amp; C.

Type of Gauge.

P.B. 506

Annual Average 101.6 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. File

Revised coverage 102.0 from 1909 P.B. 506

File No. 66781212b

Diameter	5			502	165						
Height	1	0			1						
Altitude	1650				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	7.20	12.41	18.56	14.41	7.64	18.78	11.32	20.52	8.12	3.78	122.74
February	11.23	17.3	6.26	3.05	16.26	8.13	(3.00)	6.40	5.23	16.18	77.47
March	7.39	7.52	2.19	1.90	7.16	6.34	15.20	5.61	9.21	9.13	70.65
April	2.38	5.07	4.26	6.21	8.01	2.90	9.81	4.53	10.54	8.24	61.95
May	5.97	16.15	9.53	3.39	7.61	4.27	4.87	6.54	9.01	3.52	70.86
June	1.73	7.1	8.22	7.33	8.47	12.85	5.09	10.58	1.40	4.98	61.36
July	6.92	10.10	7.82	8.01	6.35	4.88	6.14	6.15	1.51	11.67	69.55
August	10.61	11.89	11.5	14.70	8.84	13.26	1.17	12.55	6.70	18.65	99.88
September	1.03	6.99	13.98	11.28	12.17	15.51	6.45	14.62	3.94	21.27	107.24
October	7.83	9.09	12.89	14.10	10.22	3.48	2.87	7.79	18.20	6.49	92.96
November	9.66	2.57	6.23	16.99	2.01	25.10	9.67	6.33	11.18	12.53	102.07
December	10.85	22.10	5.66	10.50	13.53	12.13	6.23	22.27	10.53	6.25	120.05
TOTALS	82.80	106.33	107.11	100.87	108.27	127.63	81.82	123.89	88.57	122.49	1056.78
W.	w.	w.	w.	w.	w.	w.	w.	w.	w.	w.	w.

1947 Feb. 2nd. for annual.

2004

Position of Station on reduced Ordnance Survey Map, | No. of Map..... Reference No.....  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1941			Hanquadock	9 ml	N.W.	Mandalwyd	2½ ml N.W.

Air Ministry, Meteorological Office

Station No. T.F. 4102

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RAINFALL at Llyn-y-fan Fach (Bwlch Llyn)

County of Ceredigion

Observer Llanelly R.D.C.

River Basin 2. Towy + c.

Type of Gauge

Annual Average 102.0 in. based on 19 years obs. un-weighted. Period of average 1881-1915

Ref. PP.506

" 106.27 " " 30 " " 1925-56 " " 1916-50 "

File No. 667861/26

Diameter	5"			502	165						
Height	1'0"					1					
Altitude	1650'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means T.Ado
January	15.09	9.97	9.30	5.60	9.80	12.05	24.36	11.61	13.19	17.96	124.53
February	11.38	3.43	6.17	13.30	4.69	0.70	12.48	16.10	1.10	18.83	88.18
March	9.80	11.86	6.71	9.90	8.00	4.88	15.88	2.34	11.55	4.37	85.28
April	7.39	8.42	8.36	2.40	7.55	1.90	1.42	2.69	10.18	8.43	58.74
May	5.49	6.81	8.35	10.62	10.84	5.72	6.79	10.61	1.90	3.33	70.46
June	5.31	6.34	7.37	11.63	12.59	7.23	3.31	7.36	5.58	6.49	73.16
July	3.37	3.33	12.00	7.95	3.74	3.07	14.41	9.96	10.27	11.75	85.82
August	16.95	11.45	7.90	11.04	2.72	14.49	11.63	7.64	1.73	9.23	94.78
September	12.31	6.40	11.20	16.27	5.03	11.79	18.48	16.93	1.10	9.02	106.53
October	2.09	10.01	7.47	25.47	7.59	5.82	12.10	9.78	13.39	11.56	105.28
November	19.18	6.66	17.37	19.59	7.52	4.04	4.24	5.34	19.57	26.81	131.02
December	17.56	8.47	4.57	11.03	19.87	12.84	9.78	8.72	22.73	14.12	124.49
TOTALS	125.87	92.14	102.67	143.80	94.89	30.55	136.18	109.08	112.29	141.90	1148.27
	W.	W.	W.	W.	W.	W.	W.	W.	W.	W.	

1953 Total Corrected for Arithmetic 9/60

1955 Jan, Feb, Mar apportioned

1957 rather big but accepted

1959 Snap. Mr O'Kane (5/62) satisfactory.

Position of Station on Ordnance One-Inch map: No. of Map \_\_\_\_\_ National Grid Reference SN(22)799219

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C1921 1721 D, 32-4 d 25-4 Blank Rest W	✓	✓	

PRB/M.G.36