

RAINFALL at Llanfair Reservoir

County of Carmarthen

Observer

R.C. Jones, Esq., C.E.

River Basin 3 - Loughor.

Eng. Llanfair, R.D.C.

1923 mountain  
 11.24 { Bradford Rain Gauge, by  
 Cal. soon  
 good condition & correct

Diameter ...											5"											
Height .....											1.0											
Altitude ...											860											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...					7.19	5.00	10.21	7.37	12.22	8.56	11.75											
February ...					3.33	10.50	6.89	4.87	9.43	(2.33)	8.33											
March .....					imp.	3.30	1.38	1.47	6.81	2.35	2.45	3.60										
April.....					(4.39)	4.77	4.67	3.10	2.75	1.08	1.26	3.21										
May .....					(4.01)	6.48	6.67	3.49	2.29	5.2	5.66	3.26										
June .....					(1.80)	5.04	.00	3.13	6.74	7.10	2.60	3.32										
July .....					3.46	6.24	2.56	5.09	6.71	5.29	4.73	6.37										
August .....					(6.77)	6.92	7.69	6.79	10.44	6.84	6.16	7.74										
September...					(5.92)	9.57	4.78	2.19	9.08	2.31	(1.20)	6.06										
October.....					(9.82)	9.79	9.05	4.79	4.66	11.12	(9.71)	11.32										
November...					(8.45)	4.84	3.61	12.21	9.06	12.21	13.52	6.23										
December...					(8.22)	13.24	5.43	.75	5.90	7.03	16.95	8.46										
TOTALS...					...	77.79	61.34	60.11	76.68	74.80	70.13	72.15										
					w	w	w	w	w	w	w											

Inspited of 23.VI.24 S. at flat grass land on top of hill near reservoir  
 fairly good position but somewhat over-exposed. Recommend moving to SE. to get  
 shelter from easterly of hill. About 50 yds from road & 15 yds from hedge to SE. Excellent position.  
 1923 Marches apportioned on A by surrounding stations.

1929 Feb., Sept. & Oct. adjusted by curvt. stations.

Position of Station on reduced Ordnance Survey Map, 2 miles 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
1923	51° 46'	4° 6'	Burnt Mawr	2 1/2 mi	N.W.	Llanfair	1 mi	S.W.

## RAINFALL at Llanon Reservoir.

County of Carmarthen.

Observer R. G. Jones.

Llanelli to, to, to,  
R. D. C.

River Basin T. Loughor &amp;c.

Type of Gauge.

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

Ref.

667861/26.

Diameter	5.											
Height	1.0.											
Altitude	860											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.20	10.59	4.09	8.09	1.64	5.37	7.97	8.90	6.65	5.93	6343	
February	4.89	100	6.05	72	7.12	2.33	8.34	3.46	5.39	5.37	4367	
March	2.21	2.83	4.70	4.06	1.12	3.93	2.66	1.40	2.66	5.53	3110	
April	3.76	5.19	2.81	4.08	6.49	3.64	4.06	1.12	3.73	2.60	3648	
May	5.55	5.69	2.09	3.70	1.85	.90	2.38	6.70	1.27	1.61	3174	
June	5.91	3.70	3.21	3.46	6.07	3.92	2.33	5.26	4.15	.84	3886	
July	10.89	5.85	4.73	2.85	1.19	9.36	4.21	6.58	11.75	4.51	5542	
August	5.95	1.66	2.62	5.63	2.33	2.82	2.19	3.67	5.10	.52	3249	
September	3.66	5.78	2.39	5.90	9.76	4.01	4.02	3.07	1.78	2.42	4279	
October	3.63	11.65	8.58	2.11	8.43	2.78	4.87	11.07	3.37	7.60	6909	
November	14.55	5.94	1.66	3.34	9.53	7.05	3.24	9.83	15.75	9.43	7832	
December	3.68	6.58	1.93	15.91	3.79	6.51	4.74	6.09	4.56	5.86	5865	
TOTALS	64.88	64.46	14.86	62.35	59.32	52.62	51.01	66.15	64.16	52.22	58202	
				W	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.			Llanelli	7 1/3 m.	S.E.W.	Llanon	1 1/2 m. S.W.
1935			Llangadock	9 m	NW.	Llanddeusant	2 1/2 m. N.W.
1940	--			as 1931			

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

Station No. T.F. 4111

RAINFALL at Llanon Reservoir ✓

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County of Carmarthen

Observer Manoddy R.D.C.

River Basin 3 - bonython and Cymyndi

Type of Gauge

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

Ref.

File No. 166786126

Diameter	5		498	911							
Height	1	0		1				OMIT			
Altitude	860			41				↓			
Year	1941	1942	1943	1944	1945	1946	1947	(1948)	1949	1950	Means
January	2.82	6.71	8.82	6.95	4.29	8.85	4.72	(6.18)	3.48	(2.10)	
February	5.85	1.10	3.37	2.01	7.44	4.57	1.13	3.80	(2.38)	(9.00)	
March	3.44	4.97	1.91	3.38	4.96	2.60	10.50	(3.57)	(2.50)	(3.00)	
April	1.11	1.87	2.17	H.15	3.72	1.17	4.84	(2.50)	(4.00)	4.06	
May	3.26	7.06	5.83	2.24	4.19	3.12	3.26	(3.50)	3.42?	2.41	
June	1.25	.32	5.37	3.83	7.15	7.81	3.33	(5.00)	.39?	3.65	
July	4.39	4.59	5.17	H.66	5.33	3.07	5.00	(3.00)	2.31?	8.04	
August	6.92	8.95	6.99	6.31	4.02	7.65	.58	(8.80)	(4.20)	11.67	
September	4.48	4.98	7.76	6.94	7.40	12.47	3.90	(6.80)	1.19?	12.55	
October	6.38	6.06	7.42	9.85	5.49	3.42	1.60	(6.20)	9.00	5.00	
November	4.59	.93	4.23	10.89	8.3	9.63	5.67	(5.00)	6.41?	8.22	
December	5.98	8.56	3.28	6.14	8.67	6.48	5.04	(9.90)	5.69	3.80	
TOTALS	46.47	56.10	62.32	64.35	63.49	70.84	49.57	(68.18)	mp.	(73.50)	
	w.	w.	w.								

1944 gauge leaking. New gauge issued 7/45

1948 Gauge leaking - Repaired 14.12.48. N.P. too much east. (each month out of)

1950 New gauge installed on same site on 27 March, 1950. April reading off 4.06 from new gauge compared with 2.77 for old.

1949 mp too much estimation.

70004

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.
1941			Llanelli	7 ENE	SSW	Llanon	1 ENE	SW

Air Ministry, Meteorological Office

Station No. 4111

T.F. 57

RAINFALL at Llanelli Reservoir

County of Carmarthen

Observer Llanelli M.R.C.

River Basin 3 - Loughor & C

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average  
 " 63.95 " " 13 " " latter 1924-57. " " 1916-50 Ref. S  
 File No. 667861/126

Diameter ...	5"			498	911						
Height ...	1'					1					
Altitude ...	860'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	7.64	2.79	4.36	5.23	8.13	7.88	5.57	6.20	8.33		
February ...	1.20	4.04	7.45	3.30	0.46	5.81	7.28	1.14	6.35		
March ...	5.90	3.92	5.92	5.94	2.70	8.74	1.52	5.99	2.06		
April ...	5.01	3.58	1.81	5.06	1.35	.90	1.61	5.71	4.74		
May ...	5.02	5.01	4.99	5.09	2.32	3.39	4.83	.89	2.99		
June ...	4.87	3.68	6.89	7.28	3.52	2.21	6.59	3.36	3.20		
July ...	2.06	3.17	5.70	1.62	3.59	6.09	6.41	4.61	7.66		
August ...	6.64	5.72	7.34	11.2	6.68	5.29	5.95	2.63	8.82		
September ...	2.85	8.17	9.09	2.76	7.11	12.20	12.93	0.49	5.99		
October ...	5.66	4.49	13.45	3.20	2.62	6.91	6.95	1.46	8.85		
November ...	5.16	8.99	13.59	4.34	1.94	2.73	4.93	11.78	14.89		
December ...	5.29	2.56	6.64	7.70	6.15	5.09	6.13	12.17	7.62		
TOTALS ...	56.80	62.21	87.23	52.59	46.70	66.94	70.70	63.13	81.50		
	N	W	W	W	N	W	W	W	W		

1955 Feb. adjusted

1956 April part est. fig agrees

1957 Eng. Mr. O'Kane (5/57) Site off E. Turf well required + fence to protect it.

Position of Station on Ordnance One-Inch map: No. of Map ..... National Grid Reference SN(22)552102

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

Summary of Earlier Records from 10-year Sheets:

Record No. or d	1910-19	1920-30	1931-40	1941-50	1951-60
		1920-22 N.R. 12.23-29 W. 17.30 Blanks	/	All W except 1949 1948-9 np.	

PRB/M.G3b