

RAINFALL AT Cardiff W. Llwyn-on-Res

448

*Lat.* \_\_\_\_\_

London.

County of Streetsboro

Taff - 4

*Rain Gauge, by—*

Observer

County of Brecknock  
Observer C H Priestley Esq

## RAINFALL at Llwynon no. 2. (NEW G)

County of Brecon -xx

Observer

(Engineer) H. J. Peters.

River Basin Taff - 4.

Rain Gauge, by \_\_\_\_\_

Diameter ...											5
Height .....											1 0
Altitude ...											860 1920 M.A.T.H.
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...											2.73 10.98
February ...											1.85 .71
March .....											.87 4.26
April.....											.82 4.76
May .....											5.18 2.89
June .....											4.05 2.29
July .....											4.75 5.96
August .....											4.29 6.73
September...											1.80 7.30
October.....											12.23 8.76 9.31
November...											12.36 16.45 8.74
December...											6.78 15.85 7.25
TOTALS...											9.1d. 67.40 71.18

1928. no. 2 Gauge replacing no. 1. in 1929

no. 1 " discontinued 1/4/29.

Gauge set up on eastern side of Reservoir near the overflow.

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 from gauge	Parish Church.	Distance from gauge

## RAINFALL at Cardiff N.W. (Llynnau Reservoir)

County of Brecon

Observer G. S. Priestley, Esq., C.E.

River Basin Taff &amp;

(1926) H. J. Peters Eng.

11.24 { Cusnowdon Rain Gauge, by Bosella  
insulated

Cardiff W.W.

correct sound

glass measure used by observer for lower part of gauge tested

+ foundation

Diameter ...	5									5			
Height .....	1.0									1	Gauge height sheet (new g.)		
Altitude ...	860	854								860			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-20 Totals	
January ...	8.74	8.55	5.89	3.91	5.97	6.73	8.41	7.49	11.96	2.63	10.96	81.36	
February ...	3.72	2.20	7.21	12.96	5.3	11.18	5.27	5.44	7.22	1.85	7.77	56.29	
March ...	7.20	7.14	(6.64)	1.78	2.74	1.09	1.68	6.33	5.78	.82	4.26	45.51	
April.....	9.27	1.17	4.64	3.59	5.22	4.66	3.36	2.21	2.02	8.2	4.76	41.72	
May .....	4.02	1.97	1.32	3.37	4.78	7.06	3.36	2.50	.95	5.18	2.89	37.40	
June .....	4.17	3.7	2.08	.86	2.94	00	2.50	5.52	5.72	4.05	2.29	30.50	
July .....	7.39	2.89	5.84	3.72	6.16	2.98	3.32	5.62	3.75	4.75	5.96	52.33	
August .....	2.57	(5.85)	3.99	4.04	6.17	5.28	5.54	10.76	5.20	4.29	6.73	60.36	
September...	5.06	2.93	4.24	3.72	9.00	5.18	2.72	7.60	2.01	1.80	3.30	51.56	
October.....	5.20	2.13	1.63	9.43	7.67	8.06	5.51	6.28	12.14	8.76	9.31	76.12	
November...	3.31	(4.71)	2.37	3.26	4.86	3.43	12.80	5.51	11.50	16.45	8.74	77.59	
December...	8.07	5.00	8.29	4.52	10.14	5.54	4.46	4.62	6.63	15.85	7.25	76.37	
TOTALS...	68.66	(42.91)	54.1	55.76	66.18	61.14	54.93	69.93	74.85	67.40	71.18	687.11	3P
	D	D	D	P	D	D	D	D	D	amp.			

single model 165 gal south - altitude 854 ft. (ridge 3.2.21)  
1921. Two dep. ent.

inspected 18.11.24. G. situated on rough ground below dam and on north-east side of valley. Drop G NW of 8 in. at a distance of 3 ft. Considerable drop to W 20 yds away. Exposure not good. Recommended moving away from both to get some shelter. Position should then be very good.

1929. Check with N. P. This q. was discontinued on 1/4/29 and is replaced by N. 2. q. on a new site (file 660 558/26, scale 49A).

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 from gauge	Parish Church.	Distance from gauge

## RAINFALL at Cardiff W.W. (Mwynon Reservoir)

County of Brecon

Observer H.J. Peaglo, B.E.

River Basin 4 - Taff

H.W.B. Cottrell Esq. C.E. (1938)

Type of Gauge

G.W. Coxon Esq. C.E. (1939)

Annual Average ~~647~~ in. based on ~~7~~ years obs. un-weighted. Period of average 1881-1915 Ref. ~~AB 377~~ IWS  
 (1939) 647 6

Diameter	5.										
Height	10										
Altitude	860.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	5.54	12.53	6.80	8.93	2.09	8.84	12.15	10.96	11.24	3.78	82.86
February	5.75	14	7.10	6.65	8.19	2.18	9.62	3.50	6.78	5.62	50.53
March	1.04	4.24	5.37	5.54	2.40	4.44	4.75	1.31	2.92	5.55	37.56
April	4.74	5.61	1.90	4.81	8.75	4.49	4.73	.35	4.67	4.79	44.84
May	4.91	7.58	1.96	4.42	2.30	1.80	2.10	4.83	0.98	2.06	32.94
June	5.73	2.48	3.93	1.91	7.27	3.88	2.93	4.24	4.05	1.7	37.59
July	5.75	5.80	5.74	1.96	1.04	10.87	4.63	5.02	13.42	5.46	59.69
August	6.13	2.88	1.23	5.88	2.47	1.26	2.06	5.26	4.48	.51	32.16
September	3.30	6.89	2.46	4.56	9.39	5.73	2.83	2.37	1.68	3.66	42.87
October	2.04	10.95	8.70	7.00	8.61	4.66	3.98	9.59	5.19	8.09	68.81
November	14.87	4.53	1.79	3.29	9.19	7.33	3.16	10.93	13.84	13.03	81.95
December	4.13	3.98	2.06	14.72	5.86	10.70	4.60	6.78	3.71	4.66	61.20
TOTALS	63.93	67.61	49.04	63.67	67.56	67.18	57.53	65.14	72.96	58.38	633.00

1931, March 28. Eq. moved in accordance with B.R.O. report.

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	Direction from gauge

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

Station No. T.F. H.L.H.8

## RAINFALL at Cardiff W.W. (Llywlyn Reservoir)

41

County of Brecon

Observer G. W. Cawer, FSA, C.E.

River Basin H-Taff

Type of Gauge

Annual Average ~~blank~~ in. based on 16 years obs. unweighted. Period of average 1881-1915 Ref. I.W.S.

File No. 660 558 26

Diameter	5			489	091							
Height	10					1						
Altitude	860					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means (1941-45)	
January	4.03	6.19	11.36	9.95	5.72	9.49	5.80	15.50	2.99	2.40	7.14.3	
February	6.55	7.1	5.23	2.05	8.91	7.83	1.90	4.61	3.49	12.52	53.86	
March	5.11	4.75	1.37	4.44	3.00	1.99	11.51	3.97	2.78	3.84	38.76	
April	1.74	3.35	2.11	3.44	3.52	2.06	5.81	4.33	5.84	5.46	37.99	
May	3.28	4.59	6.31	2.55	5.05	4.13	2.99	4.32	4.57	2.82	43.41	
June	2.00	3.2	6.26	4.07	5.29	7.27	3.36	6.41	.95	2.19	39.12	
July	3.00	5.24	3.90	3.90	4.08	3.36	3.98	2.15	1.59	7.22	38.42	
August	9.00	6.23	6.42	4.24	4.29	10.54	.60	6.36	3.96	10.19	61.83	
September	1.24	5.23	6.36	6.25	5.51	11.27	3.54	5.70	3.11	9.69	57.90	
October	10.15	6.99	5.66	9.47	7.83	1.11	1.72	6.51	11.79	3.94	64.17	
November	4.88	9.7	5.79	10.84	1.17	13.12	8.15	3.61	7.48	8.82	64.33	
December	5.13	9.87	3.33	6.12	9.91	6.46	7.45	11.98	8.62	4.18	73.05	
TOTALS	56.11 D	57.50 D	64.10 D	61.65 D	64.28 D	78.63 D	56.81 D	74.45 D	56.97 D	73.77 D	644.27	

1944 printed with query, possibly 3 in. low.

BP

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

Station No. MWL 4148 TF 56

RAINFALL at Cardiff W.W. (Llywelyn Reservoir)

51

County of Brecknockshire

Observer G. W. Lewis, Esq. C.E.

River Basin H-Taff

Cardiff Corporation

Type of Gauge.

(A)

Annual Average 64.7 in. based on 6 years obs. — weighted. Period of average 1881-1915 Ref. AWS  
62.0 12 File No. 660 558 126

Diameter ...	5"				489	091					
Height ...	7' 0"						1				
Altitude ...	860						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1951-60 Means Total
January	8.72	7.65	2.45	4.19	6.06	9.29	8.84	6.01	7.96	8.48	63.65
February	7.37	2.16	3.44	6.74	2.81	7.93	8.63	9.40	0.56	9.29	51.33
March	6.77	4.36	5.28	5.42	3.35	3.51	7.65	1.68	6.58	3.35	47.95
April	6.11	4.50	4.17	2.01	3.04	1.64	0.44	1.84	6.63	5.59	35.97
May	3.29	5.02	3.72	3.75	6.50	1.61	2.85	5.55	1.76	2.03	36.28
June	1.58	4.47	2.18	6.16	7.52	3.22	1.26	4.83	2.89	3.65	31.73
July	1.67	3.02	7.38	6.42	1.76	6.61	6.20	4.89	5.37	8.04	51.35
August	9.57	8.91	6.45	6.83	1.91	6.36	4.95	6.54	1.29	6.09	58.90
September	5.67	4.00	6.75	8.78	3.41	6.86	9.84	10.89	0.53	6.57	63.10
October	1.82	7.44	4.60	13.31	3.39	2.55	6.03	8.58	7.69	8.31	63.72
November	18.89	4.16	6.10	13.30	5.74	2.65	3.10	3.31	10.37	16.74	79.36
December	8.50	6.47	2.15	7.54	10.41	8.20	7.10	7.10	16.01	10.27	83.75
TOTALS ...	74.73	62.16	54.67	84.45	54.89	53.43	66.89	70.62	67.84	88.41	678.09
	D	D	D	D	D	D	D	D	D	D	

1957 Feb. &amp; Nov. Adj. in M.O.L.

Disp. M.L. gauge 12/14-5.52. 2nd satisfactory dual gauge had been moved in 1951 to site of Bilhamerage (790ft.) owing to NAO's request. D.T.S.P. in old site &amp; dual gauge the revised loc.

1952. June. Ordinary gauge and recorder both transferred to the old site at 860ft.

Inspected May 1956 in Dealer Garage round, near Castle St. of 25 Yrs.

Reconstr. move from position now observed due to new Bilhamerage. Note "old site" 28.6.56.

Two years above claim, water gauge was found May 1956. Gauge moved to reconstr. site 28.6.56.

Tops. 1.7.54 M.R. F.H. Shrub - gauge now buried in enclosure with other instruments.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 32/512115

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		1910-1909	1920-30	1931-40	1941-50	1951-60
		D	D	D	D	
			n.g. 1929-30			