

RAINFALL at Llwynon no. 2. (NEW G.)County of Brecon -XXObserver (Engineer) L. J. Peters.River Basin Taff - 4.

Rain Gauge, by _____

Diameter ...												5
Height												1 0
Altitude ...												860
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		1920 MEAN.
January ...										2.73	10.98	
February ...										1.85	.71	
March87	4.26	
April82	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...									Ind.	67.40	71.18	

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

no. 1 " dis continued 1/4/29.

Gauge set up on eastern side of Res^d. 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	Direction from gauge

RAINFALL at Cardiff W.W. (Llynnon Reservoir)County of BreconObserver L. G. C. Brisley, Esq. C.E.River Basin Jeff 4(1926) L. J. Paine Esq.Cardiff W.W.

11-24 { Cusnowdon Rain Gauge, by Losells
Insulated
correct sound

glass measure used by observer for lower group of gauges listed

Diameter ...	5								5					
Height	1.0								1					
Altitude ...	860	854							860					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS	1920-29 TOTALS		
January ...	8.74	8.55	5.89	3.91	5.97	6.73	8.41	7.49	11.96	2.73	2.63	10.98	81.36	
February ...	3.72	2.0	7.21	12.96	5.3	11.18	5.27	5.44	7.22	1.85	1.85	7.1	56.29	
March	7.20	7.14	6.64	1.78	2.74	1.09	1.68	6.33	5.78	1.82	1.82	4.26	45.51	
April	9.27	1.17	4.64	3.89	5.22	4.66	3.36	2.21	2.02	1.82	1.82	4.76	41.72	
May	4.02	1.97	1.32	3.37	4.78	7.06	3.36	2.50	9.5	5.18	5.18	2.89	37.40	
June	4.17	3.7	2.08	8.6	2.94	00	2.50	5.52	5.72	4.05	4.05	2.29	30.50	
July	7.39	2.89	5.84	3.72	6.16	2.93	3.32	5.62	3.75	4.75	4.75	5.96	52.33	
August	2.57	5.85	3.99	4.04	6.17	5.23	5.54	10.76	5.20	4.29	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	1.80	7.30	51.56	
October	5.20	2.13	1.63	9.43	7.67	8.06	5.51	6.28	12.14	8.76	8.76	9.31	76.12	
November...	3.31	4.71	2.37	3.86	4.86	3.43	12.80	5.56	11.50	16.45	16.45	8.74	77.59	
December...	8.07	5.00	5.29	4.52	10.14	5.54	4.6	4.62	6.63	15.85	15.85	7.25	76.37	
TOTALS...	68.68	64.29	91.84	55.76	66.18	61.14	54.93	69.93	74.85	67.40	67.40	71.18	627.11	

1/1/1920 moved 165 yds. north - altitude 854 ft. (inlet 3.2.21)
 1921. Two days old.

Insulated sp. 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 ditch
 to get some shelter. Position should then be very good.

1929. Check with N. 2. This g. was discontinued on 1/4/29 and is
 replaced by N. 2. g. on a new site (file 660 558/26, Inlet 499).

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	Direction from gauge

RAINFALL at Cardiff W.W. (Sluagon Reservoir)County of BreconObserver H.T. Pugh, C.E.River Basin H. 5/4H.W.B. Cottonill Esq. C.E. (1938)

Type of Gauge

G.W. Cover Esq. C.E. (1939)Annual Average 6.7 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. 46 113 1W3
(1939) 64.7 6 660 558/26

Diameter	5.											
Height	1.0											
Altitude	860.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
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	3.18	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	8.76	4.49	4.73	3.35	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	1.17	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	5.1	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. G. moved in accordance with B.R.O. report.

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	Parish Church.	Distance from gauge	Direction

Station No. T.F. 4148

RAINFALL at Cardiff W.W. (Hwy. Reservoir)

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County of Brecon

Observer G. W. Cowes Esq. C.E.

River Basin H-Taff

Type of Gauge

Annual Average 54.7 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. 115

File No. 660558 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
January	X 4.03	6.19	11.36	4.95	5.72	9.49	5.80	X 15.50	2.99	2.40	71.43
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	.44	3.00	1.99	11.51	3.97	2.78	3.84	38.76
April	1.74	3.35	2.11	3.77	3.52	2.06	5.81	4.33	5.84	5.46	37.99
May	3.28	7.59	6.31	2.55	5.05	4.13	2.99	4.32	4.37	2.82	43.41
June	2.00	.32	6.26	4.07	5.29	7.27	3.36	6.41	.95	3.19	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	5.51	11.79	3.94	64.17
November	4.88	.97	5.79	10.84	1.17	13.12	8.15	3.61	7.48	8.32	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 quarry, possibly 3 in. low.

BP

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

RAINFALL at Cardiff W.D. (Hwytyn Reservoir)

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County of Breconshire Observer G. W. Jones, Esq. CE.River Basin H-Taff Cardiff CorporationType of Gauge (+A)Annual Average 64.7 in. based on 5 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. AWS
62.0 12File No. 66055826

Diameter ...	5"				489	091						
Height ...	1'0"					1						
Altitude ...	860					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
January ...	8.72	7.65	2.45	4.19	6.06	9.29	8.84	6.01	7.96	8.48	6865	
February ...	7.37	2.16	3.44	6.74	2.81	.93	8.63	9.40	0.56	9.29	5133	
March ...	6.77	4.36	5.28	5.42	3.35	3.51	7.65	1.68	6.58	3.35	4795	
April ...	6.11	4.50	4.17	2.01	3.04	1.64	0.44	1.84	6.63	5.59	3597	
May ...	3.29	5.02	3.72	3.75	6.50	1.61	2.85	5.55	1.76	2.03	3628	
June ...	1.55	4.47	2.18	6.16	7.52	3.22	1.26	4.83	2.89	3.65	3773	
July ...	1.67	3.02	7.38	6.42	1.76	6.61	6.20	4.89	5.37	8.04	5135	
August ...	9.57	8.91	6.45	6.83	1.91	6.36	4.95	6.54	1.29	6.09	5890	
September ...	5.67	4.00	6.75	8.78	3.41	6.86	9.84	10.89	0.53	6.57	6310	
October ...	1.82	7.44	4.60	13.31	3.39	2.55	6.03	8.58	7.69	8.31	6372	
November ...	13.89	4.16	6.10	13.30	5.74	2.65	3.10	3.31	10.37	16.74	7936	
December ...	8.50	6.47	2.15	7.54	10.41	8.20	7.10	7.10	16.01	10.27	8375	
TOTALS ...	74.73	62.16	54.67	34.45	54.89	53.43	66.89	70.62	67.84	88.41	67809	
	D	D	D	D	D	D	D	D	D	D		

1951 Feb. & Nov. Adj. in 1903.

Insp. T.H. Jones 13/11/52. Site satisfactorily but gauge had been moved in 1951 to site of Billham Green (790 ft.) cutting to N.B.S. square. O.T.S. in old site & dual gauge also moved but.

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

Inspected May 1956 in. Declan. Gauge sound, measure Cande L.G. of 25 V.W.

Recomm. move from position near above dam to near Billham Green. Note "old site"

meas. above clay, where gauge was found May 1956. Gauge moved & meas. site 28.6.56.

Inc. 1. 7.54 M. F. N. Shub - gauge now moved to enclosure with other instruments.

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference 32/012115

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	1910-1909	1920-30 09	1931-40	1941-50	1951-60
	D	1920-28 D n.g. 1929-30	D	D	