

RAINFALL at Cardiff W.W. GarnonantCounty of BreconObserver C.H. Priestley C.I.River Basin Taff 4

Rain Gauge, by _____

Weekly

Diameter ...	5											
Height	1.0											
Altitude ...		1100										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Mean Totals	
January ...	8.58	3.13	7.22	9.74	6.10	8.08	8.62	3.38	6.85	8.78	27.63	
February ...	8.79	9.00	5.89	3.69	9.87	10.78	10.34	1.81	7.39	4.19	23.73	
March	2.02	2.91	12.72	11.79	10.49	2.26	2.83	3.95	3.35	7.74	17.87	
April	4.63	4.30	.92	10.34	2.42	2.96	4.16	2.72	3.47	3.21	13.56	
May	3.23	2.32	3.21	4.41	4.17	3.77	4.22	4.21	2.81	1.91	13.15	
June	5.81	5.44	8.48	3.80	2.58	1.72	4.28	2.92	2.04	3.20	12.44	
July	4.98	.58	5.72	1.52	6.49	7.44	2.28	4.39	8.20	1.93	16.60	
August	9.64	4.04	13.24	3.24	5.76	3.00	5.57	13.90	3.35	4.71	27.53	
September ..	.55	4.54	1.46	3.68	3.16	1.52	4.27	4.23	12.91	4.08	25.49	
October ...	7.07	5.27	8.13	7.60	4.35	5.38	16.51	9.85	5.81	3.19	35.36	
November ..	8.17	10.87	5.30	11.29	8.67	5.05	7.11	5.98	5.53	4.86	23.48	
December ..	12.83	15.76	12.11	4.62	12.37	15.38	5.91	2.36	12.62	14.42	35.31	
TOTALS ...	76.30	68.16	84.41	75.82	76.43	67.34	76.10	59.70	74.33	63.02	272.15	39

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

RAINFALL at Cardiff NW. (Garemont)County of BreconObserver L. H. Brinkley, Esq., F.R.S.River Basin Caiff 4(Appl.) H. J. Peters Esq.

vis. at Culston Rain Gauge, by N. & Z.
Wickley small stream

Diameter ...	5											
Height	1.0											
Altitude ...	1100											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals
January ...	11.27	10.96	6.31	5.08	7.53	7.29	10.58	8.70	14.85	2.67	11.78	97.02
February ...	4.67	20	8.36	16.11	7.3	12.45	6.91	5.96	9.50	1.82	.65	67.36
March	7.12	6.64	4.96	2.07	3.03	1.48	2.22	7.16	6.59	1.22	3.90	46.29
April.....	10.53	1.26	3.39	5.12	5.90	5.15	3.56	2.62	2.13	.83	4.84	45.23
May	5.13	2.18	1.61	4.39	5.53	7.97	3.93	3.22	.86	5.80	3.14	43.76
June	5.49	.50	2.63	1.69	3.69	.02	3.23	5.91	7.02	4.42	3.30	37.90
July	8.06	3.52	6.64	5.54	6.82	3.81	4.11	7.20	5.02	5.50	7.01	63.23
August	2.97	7.68	5.37	5.75	8.36	6.66	7.28	12.02	7.03	5.29	7.97	76.38
September...	6.05	3.74	5.43	5.66	10.13	5.25	3.59	9.46	2.27	2.02	7.85	61.45
October.....	5.81	2.37	1.74	11.68	9.27	10.20	6.27	7.79	14.82	9.53	10.09	89.57
November...	4.07	4.51	2.85	5.59	5.29	3.80	14.01	7.68	13.89	16.70	9.92	88.31
December...	9.47	7.63	8.19	6.10	11.13	7.05	7.2	4.27	7.13	17.37	7.64	86.70
TOTALS...	80.64	51.19	57.38	74.78	77.31	71.13	66.41	81.99	91.11	73.17	78.09	803.20

1921 June Ther. pit. alt. for tempering

Installed ft. 18.51.24. Gauge on flat open wood. Slopes down 2° to SW
 for probably 100 yds. Fairly good exposure but long well essential.
 Recommend moving to better position on other side of stream 15 yds below
 outcrop of rock about 150 yds. away from old position.

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 Bandiff. W.W. (Gaw-nant)County of Bacon Observer N.T. Regie, C.E.River Basin H. Taff H.W. B. Cottrell Esq., C.E. (1938)Type of Gauge G.W. Cover Esq. C.E. (1939)Annual Average 75.5 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. 193
(1939) 75.5 6 1881-1915 660 558 / 26

Diameter	5											
Height	10											
Altitude	1100											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1881-1915	
January	6.02	15.24	8.03	11.79	3.05	9.24	13.50	15.03	12.94	3.77	98.71	
February	6.19	13	8.53	8.6	9.89	3.23	11.58	2.45	9.01	6.16	60.13	
March	1.01	4.61	6.35	5.76	2.74	4.46	4.29	1.87	5.66	7.07	41.82	
April	4.82	6.41	2.38	4.90	9.35	4.29	5.54	4.6	4.95	4.96	48.06	
May	5.01	8.19	2.00	5.91	2.29	1.86	2.20	4.73	1.18	2.20	35.57	
June	6.80	2.59	3.57	2.23	8.56	5.11	3.99	6.10	5.22	1.12	45.29	
July	6.65	7.13	6.25	2.11	1.88	12.11	4.67	6.28	16.13	6.03	69.24	
August	6.52	2.94	1.86	6.99	2.91	1.61	2.06	5.95	6.04	1.26	38.14	
September	3.49	8.40	2.86	6.02	11.41	6.35	3.70	2.65	1.36	5.82	52.06	
October	2.91	13.28	11.34	8.64	12.38	6.07	4.22	13.93	5.46	10.27	88.50	
November	15.76	6.17	1.79	3.86	10.84	8.83	3.36	13.13	18.40	18.25	100.39	
December	5.00	4.57	2.01	16.89	5.99	13.44	4.99	7.73	5.43	6.20	72.25	
TOTALS	70.18	79.66	56.97	75.96	81.24	76.80	64.10	82.31	89.78	73.11	750.16	88P

1935 total considered big.

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

77.67

Station No. T.F. 4150

RAINFALL at Cardiff W.W. (Garw-rant)

41

County of Brecon

Observer G. W. COVER Esq. C.E.

River Basin H-Tall

Type of Gauge

Annual Average 25.5 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. 125

File No. 660.55826

Diameter	5				489	045						
Height	10					1						
Altitude	1100					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	1941-50 Totals
January	(6.30)	7.20	12.40	10.80	6.77	11.42	5.98	18.24	4.11	3.32	86.54	
February	7.38	1.10	6.17	2.49	11.77	10.60	2.23	5.82	4.20	13.40	65.16	
March	5.90	5.95	1.65	.56	4.35	2.58	10.23	5.03	3.47	4.62	44.34	
April	1.86	3.62	2.65	4.43	4.50	1.95	6.19	4.80	7.65	6.39	44.04	
May	4.20	8.71	6.65	4.09	6.32	4.25	2.79	4.33	6.22	3.12	50.68	
June	1.69	.34	7.52	4.97	6.68	8.18	4.08	8.60	1.13	4.62	47.81	
July	4.26	6.92	5.57	5.43	5.19	4.19	4.81	3.02	2.49	8.09	49.97	
August	10.59	7.89	8.09	4.75	5.32	11.56	.70	8.11	4.63	11.04	72.68	
September	1.41	6.73	7.35	7.94	7.49	12.50	4.43	8.27	3.30	12.60	72.02	
October	12.51	10.12	6.99	11.57	9.14	1.27	1.94	6.18	12.15	5.16	77.03	
November	5.64	1.30	6.17	13.16	1.29	14.50	10.44	4.47	8.69	9.69	74.75	
December	7.68	11.40	3.59	6.95	10.96	7.46	8.63	13.91	11.47	4.57	86.62	
TOTALS	69.42	71.28	74.80	77.14	79.78	90.46	62.45	90.78	68.91	86.62	771.64	

1941 Jan. ft. estd.

40004

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

Station No.

4150

TFSb

51

RAINFALL at Lardiff W.D. (Gauw-nank)County of Brecknockshire

Observer

G. W. Jones Esq. C.E.River Basin H - TaffLardiff Corporation

Type of Gauge

Annual Average 55 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. 1105" " 76.73 " " 32 " " (within) 1924-56

File No.

66558/26

Diameter ...	5"				489	045					
Height ...	1' 0"					1					
Altitude ...	1100'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	10.10	9.29	2.84	4.73	4.95	10.58	9.10	6.96	8.43	10.05	
February ...	7.63	2.36	4.38	7.41	3.02	1.18	8.01	10.50	0.83	8.71	
March ...	7.04	5.73	7.20	5.99	4.09	4.38	8.78	1.85	7.44	3.60	
April ...	6.78	4.95	4.48	2.51	3.94	1.39	0.58	2.41	7.42	5.98	
May ...	3.24	6.24	4.30	4.40	5.87	2.62	3.30	5.74	1.73	1.93	
June ...	1.99	5.82	2.71	7.24	9.28	4.74	1.32	4.73	3.38	4.58	
July ...	1.86	3.25	10.46	8.14	.78	7.75	8.21	5.96	7.75	9.49	
August ...	10.54	10.97	7.57	8.64	1.59	7.07	6.37	7.66	1.65	5.86	
September ...	6.09	4.53	7.05	10.93	3.92	7.75	11.64	12.11	0.40	7.05	
October ...	2.05	7.28	6.20	17.71	4.23	3.24	7.56	8.95	9.61	8.66	
November ...	13.71	4.93	7.55	15.09	5.92	2.92	3.21	3.86	10.51	17.34	
December ...	9.12	7.35	2.50	8.90	11.04	9.41	8.04	7.82	16.74	10.85	
TOTALS ...	80.15	72.70	67.24	101.69	58.63	63.03	76.12	78.55	76.12	94.10	
	D	d	N	W	W	W	W	W	W	W	

1952. Dec 5th transferred to weekly gauge.

Inspected May 1956 W. Dicks. Gauge sound. Meant Lardiff. Site reasonable

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 22/896132

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
	1910-19 -	1920-30 -	1931 - 1932-1940 D	1941 - 1942-50 D	