

10 4/50

RAINFALL at Cardiff W.W. Garwood

County of Brecon

Observer C H Priestley, C.I.

River Basin Jaff 4

Rain Gauge, by

Weeks

Diameter ...	5										
Height	1.0										
Altitude	1100									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means 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	1.73	16.60
August	9.64	4.04	18.24	3.24	5.76	3.00	5.57	13.90	3.35	4.71	27.53
September55	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	23.49
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	62.02	272.15

RAINFALL at Cardiff N.W. (Cardiff-nant)

County of Brecon

Observer C. H. Brinsley, Esq., F.G.S.

River Basin Taff 4

(sq. miles) M.J. Peters, Esq.

1st Cubic Foot Rain Gauge, by N.Z.

Wales

square measure

Diameter ...	5										MEANS.	1930 Totals
Height	1.0 ✓											
Altitude ...	1100											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
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	5.20	8.36	16.11	7.73	12.46	6.91	5.96	9.50	1.82	.65	67.36
March	7.12	6.64	4.76	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	5.80	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	43.96
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	8.75	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	.72	4.27	7.13	17.37	7.64	86.70
TOTALS...	80.64	45.19	57.38	74.7	77.31	71.13	66.41	81.99	91.11	73.17	78.09	803.20

1921 June Mor. fig. add. for tempering

Inclined S. 18.31.24. Gauge on flat open moor. Slopes down 2° to SW.
 Inclined S. 18.31.24. Gauge on flat open moor. Slopes down 2° to SW.
 for probably 100 yds. fairly good exposure but turf wall essential.
 Recommended moving to better position on other side of stream 15 yds below
 buried face of rock about 150 yds. away from old position.

BP

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. (Gwyr-nant)

County of Brecon

Observer N.T. Regis, C.E.

River Basin H. Taff

H.W. B. Cotton, Esq., C.E. (1938)

Type of Gauge

G.W. Cooper, Esq., C.E. (1939)

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

(1939) 75.5

6

1881-1935

1935

Ref.

1935

1881 - 1915

660 558 1/20

Diameter	5.										1931-40 Means Total
Height	10.										
Altitude	1100										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	6.02	15.24	8.03	11.79	3.05	9.34	13.50	15.03	12.94	3.77	98.71
February	6.19	13	8.53	8.86	9.89	3.33	11.58	2.445	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	0.03	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	13.6	5.82	52.06
October	2.91	13.28	11.34	8.64	12.38	6.07	4.22	12.93	16.46	0.27	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	4.87	2.01	16.89	5.99	13.44	4.99	7.73	5.43	0.20	72.25
TOTALS	70.18	79.66	56.97	75.96	81.29	76.80	64.10	82.31	89.78	73.11	750.16

1935 total considered high.

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

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

Station No. T.F. 4150

RAINFALL at Cardiff, W.W. (Gower - n.m.t.)

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County of Brecon

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

River Basin W-Taff

Type of Gauge.

Annual Average 15.5 in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. 1.W.S.

File No. 1640.558/2b

Diameter	5			489	045						
Height	1	0				1					
Altitude	1100					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means 100% of 100%
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	3.34	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	11.87	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	8.09	9.69	74.75
December	7.68	11.40	3.59	6.95	10.96	7.46	8.63	13.91	11.47	4.87	86.62
TOTALS	69.42	41.28	74.80	74.14	79.78	90.46	62.45	90.78	68.91	86.62	771.64
	d	d	d	d	d	d	d	d	d	d	
	1940 9am 1st. estd.										
	40004										

✓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. 4150 TS 50

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RAINFALL at Cardiff W.I.D. (Gwynedd)

County of Brecknockshire

Observer

F.W. Lower Esq. C.E.

River Basin H-Taff

Cardiff Corporation

Type of Gauge.

Annual Average 75.5 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. 1105
 " " 76.73 " - 32 " (within) 1924-56 File No. b6055826

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	1.93	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	7.78	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 ...	18.71	4.93	7.58	15.09	6.92	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 ...	80.18	72.70	67.24	101.69	58.63	63.03	76.12	78.55	76.12	94.10	
	D	d	W	W	W	W	W	W	W	W	

1962. Dec 5th transferred to weekly gauge.

Inspected May 1956 Mr. Dales. Gauge sound. Measured garden. Site reasonable

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference 22/996132			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	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
		1910-19 -	1920-30 -	1931 - 1932 - 1940 D	1941 - 1942 - 1950 D	