

RAINFALL at Cardiff W.S. Nant Ffrancon

County of Brecon

Observer C.H. Presley Esq. C.E.

River Basin Taff

4

Rain Gauge, by

Weekly

Diameter ...	5											
Height	1.0											
Altitude ...	1275											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS	Totals
January ...	6.53	1.87	6.22	8.36	3.67	6.59	4.15	2.24	4.60	6.43	17.42	
February ...	7.74	5.69	4.41	2.81	6.30	8.49	6.73	1.52	4.95	3.31	16.51	
March	1.87	2.03	10.60	8.03	7.89	1.48	2.18	2.67	3.07	6.03	13.95	
April	4.21	3.34	.60	8.48	2.11	2.02	3.22	1.80	2.63	2.62	10.27	
May	2.54	1.48	2.44	3.73	3.61	3.30	3.80	4.39	2.36	1.25	11.80	
June	5.92	4.88	7.14	3.06	2.74	1.28	2.69	2.60	1.53	2.28	9.10	
July	3.96	3.34	4.67	1.17	6.81	5.42	1.68	3.57	6.54	1.41	13.20	
August	7.28	3.17	11.15	2.76	3.98	2.45	4.98	12.27	2.73	3.95	23.91	
September ..	.51	3.65	1.37	3.41	2.72	1.17	3.33	3.53	10.64	3.39	20.89	
October ...	5.68	4.81	6.60	5.95	3.92	5.33	12.58	8.55	4.05	2.69	27.87	
November ..	6.65	8.95	4.60	8.38	6.28	4.16	5.31	4.39	4.19	4.16	18.05	
December ...	10.17	13.62	8.79	2.78	11.11	11.64	4.30	1.51	8.99	12.12	26.92	
TOTALS ...	63.01	53.83	68.59	58.92	60.14	53.33	54.95	49.04	56.28	49.62	209.89	XBP

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

RAINFALL at Hart Gwinen no. 2 (NEW.G.)County of Brecon Observer _____River Basin Taff. 4

Rain Gauge, by _____

Diameter ...											5
Height											10
Altitude ...											1200
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...											2.69 1144
February ...											1.44 66
March											1.06 3.91
April.....											.93 5.18
May81 5.94 2.84
June											6.66 4.62 3.08
July											4.57 5.63 6.80
August											5.72 5.13 7.21
September...											2.17 2.14 7.61
October.....											13.26 9.58 9.89
November...											13.80 16.82 10.08
December...											6.13 18.58 7.49
TOTALS...											Imp. 74.56 76.19

Gauge in sheltered hollow 50 to 60 yds from old gauge.

1928. To replace ho. 1 gauge in 1929.

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

RAINFALL at Cardiff N.W. (Cardiff - Gwneud) OLDG.
(No 1)

County of Brecon

Observer C.H. Priestley, Esq., M.A.

River Basin Taff 4

(1926) H. J. Peters Eng.

11.24 {
 Use Standard Rain Gauge, by No 2
 no. 1947 (Scale not serious
 Weather good condition perfect)

Diameter ...	5"										From next Street.	1920-21 Total
Height	1.0										MEANS.	
Altitude ...	1275											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
January ...	8.68	9.16	5.95	5.05	6.96	6.20	8.07	10.42	11.61	2.69	11.44	82.23
February ...	3.09	1.17	8.55	13.28	6.63	10.34	5.62	4.70	7.18	1.44	.66	55.66
March	6.00	6.97	4.49	2.10	3.03	1.21	1.45	6.01	5.08	1.06	3.91	41.31
April.....	9.20	1.06	3.69	4.51	5.34	4.03	3.47	2.13	1.60	.92	5.18	41.14
May	4.37	2.29	1.34	3.73	5.46	7.35	3.70	2.69	.78	5.94	2.84	40.49
June	4.73	3.35	2.19	1.20	3.37	.00	2.48	5.33	6.09	4.62	3.08	33.44
July	7.20	3.04	6.32	4.11	6.14	3.33	3.53	4.90	4.16	5.63	6.80	55.21
August	2.42	6.46	4.75	4.75	7.66	4.89	6.08	9.48	5.24	5.13	7.21	64.07
September...	5.38	3.25	4.26	5.06	9.62	4.80	3.04	8.61	2.12	2.14	7.61	55.87
October.....	4.94	2.12	1.36	10.51	8.27	8.14	5.98	5.35	11.68	9.58	9.89	77.82
November...	3.60	4.59	2.46	4.51	4.65	3.33	11.78	5.69	10.62	16.82	10.08	78.13
December...	7.23	7.44	7.57	5.46	8.24	4.82	.60	3.46	4.93	18.58	7.49	75.82
TOTALS...	66.84	46.95	52.93	64.27	69.37	58.44	55.80	64.77	71.09	74.56	76.19	701.21

Inspected 18. vi. 24 S. on flat woodland sloping slightly down to E + S. To both the N & W the moor slopes away slightly beyond 100 yds. Too exposed. Recommended new position near next Burner stream, immediately large stone + about 50 yds from stream.

1929. Clock imp. N.P. This g. was discontinued in April, 1929, and is replaced by No 2 g. on a new site (F. 16055826). Elcls. 40/1.

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

RAINFALL at § *Carapu w.w. (Haute-Guinean^u)*County of *Brunswick*Observer *N.J. Peleg, C.E.*River Basin *H. Staff**M.W.R. Cor. French Engr., C.E. (1938)*

Type of Gauge

*G.W. Cooper Esq. C.E. (1939)*Annual Average *67.5* in. based on *6* years obs. unweighted. Period of average *1881 - 1915* Ref. *IWS*
1660 558/26

Diameter	5											1931-40 Means Total/s
Height	10											
Altitude	1200											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	5.56	14.33	7.60	9.62	2.06	8.78	12.15	10.84	11.47	3.72	86.03	
February	5.72	15	6.38	6.66	7.44	3.00	8.92	3.04	6.56	5.29	47.16	
March	9.6	16.3	5.93	5.43	2.32	4.54	4.33	1.10	3.01	5.80	38.07	
April	4.96	6.40	2.16	4.94	8.31	3.97	6.37	3.32	4.60	4.95	45.99	
May	5.00	7.76	1.95	4.47	2.23	1.79	2.04	4.58	0.96	2.17	32.95	
June	6.16	2.31	4.04	1.84	7.87	4.50	3.43	4.45	4.53	1.60	40.23	
July	6.25	6.68	(614)	2.93	1.29	11.11	4.75	5.42	14.24	5.21	64.02	
August	6.56	3.25	1.34	6.15	2.61	1.26	2.63	5.50	4.39	0.8	34.37	
September	3.53	7.46	2.61	4.86	9.20	6.41	3.03	2.56	1.21	3.99	44.91	
October	2.38	12.03	9.34	7.35	9.33	5.07	4.42	10.45	5.19	8.53	74.09	
November	16.09	5.16	1.85	3.64	9.99	8.02	3.40	11.43	13.97	14.54	88.09	
December	4.53	4.32	1.65	15.58	5.40	10.46	4.28	6.80	3.92	5.26	62.20	
TOTALS	67.70	74.44	(50.89)	67.47	68.05	68.93	58.75	66.49	74.11	61.25	658.11	§

§ 1931. Turf wall erected in accordance with R.R.O. + report 28/3/31
1933 June adjusted by nearstations.

N.B. Letter 26/3/45 from Engr states - no turf wall + no record of its removal.
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

Station No. T.F. 4151

RAINFALL at Cardiff, W.W. (Nant-Gwynedd)

41

County of Brecon

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

River Basin H-Taff

Type of Gauge

Annual Average 6.75 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S.

File No. 600558/26

Diameter	5			489	563						1941-50 Means Totals
Height	0					1					
Altitude	1200					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	
January	(500)	7.30	11.50	8.09	5.92	10.73	6.08	16.60	3.37	3.49	18.08
February	6.38	9.3	5.66	2.01	10.46	9.42	2.08	5.45	3.79	12.10	58.33
March	5.41	5.14	1.36	.53	3.61	2.26	10.77	4.74	3.95	4.29	41.36
April	1.71	3.10	2.24	4.06	4.04	2.14	6.25	4.33	6.83	5.98	40.68
May	3.49	8.04	6.11	3.95	5.95	4.53	3.12	4.52	5.84	2.99	48.24
June	2.14	.29	7.05	4.72	6.41	7.57	3.96	7.53	1.04	3.79	44.50
July	3.97	5.42	4.41	4.74	4.64	3.79	4.48	2.72	1.72	8.16	44.05
August	8.44	6.17	7.14	4.28	4.91	11.32	6.60	2.45	4.35	11.25	65.97
September	1.49	5.81	6.95	7.09	6.67	11.93	4.17	6.91	3.49	10.28	64.74
October	11.12	7.28	6.33	10.99	8.84	1.37	2.07	6.10	12.16	4.58	70.84
November	4.91	1.11	5.85	12.57	1.09	14.05	4.27	4.03	8.39	9.40	70.64
December	5.64	9.64	3.32	6.50	10.88	7.38	8.55	13.42	9.81	3.81	78.95
TOTALS	59.70	60.23	67.92	69.83	73.42	86.49	61.46	83.80	63.74	80.12	706.41
	w	w	w	w	w	w	w	w	w	w	

1944 Jan pt. std.

Jan 1944 Gauge inspected. Cap slightly out of level but correct. No turf wall has any record of removal of turf.

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

TF 56

RAINFALL at Cardiff WW (South-Gwynedd)^E 51

County of Brecknockshire Observer G. H. Loney Esq., C.E.
 River Basin 4 - Taff New Cardiff
 Type of Gauge M.K.19 Imp. 1931-56 Ref. 1931-59

Station No. 4151

1916-1955 Ref. 1955

File No. 660558 126

Annual Average 67.5 in. based on 6 years obs. un-weighted. Period of average 1881-1915
69.36 - 25 (within) 1931-56

Diameter in.	5			489	063						
Height ft.	10					1					
Altitude ft.	1200					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	9.20	8.91	2.53	4.42	6.42	10.03	6.61	5.81	8.35	9.13	7041
February	7.62	2.48	4.06	7.12	2.64	1.01	7.70	9.10	0.76	8.25	5074
March	6.88	5.14	6.83	5.62	3.63	3.71	7.49	1.85	7.02	3.61	5163
April	6.25	5.11	4.31	2.13	3.71	1.86	.45	1.99	7.87	6.05	3973
May	3.42	6.29	4.29	4.26	6.80	1.95	3.03	8.48	2.21	1.71	3944
June	1.90	5.44	2.45	6.92	7.84	3.95	1.14	4.56	3.21	4.08	4149
July	1.86	2.98	9.51	7.19	.76	7.23	6.90	5.21	6.36	7.84	5584
August	10.46	9.81	7.19	7.94	1.63	6.48	4.95	6.81	1.63	5.48	6239
September	6.22	5.05	6.38	9.32	3.61	7.44	9.57	12.44	.36	5.49	6588
October	1.98	8.22	5.74	15.10	3.87	2.87	6.03	8.22	8.86	9.43	7032
November	14.83	4.37	6.85	13.45	5.62	2.62	3.12	3.49	11.03	17.30	8268
December	9.48	7.10	2.46	8.15	10.83	8.88	7.14	7.57	16.06	10.60	8827
TOTALS ...	80.05	70.90	62.60	91.62	56.26	58.03	64.13	72.53	73.72	8897	
	W	W	W	W	W	W	W	W	W	W	

Incepted May 1956, M.W. Dales. Gauge ~~second~~ stem scales. Site of ETS last available. Turf wall has about 2° slope. Reconstr. rehired turf wall. Rebuilt 28.6.52

& Turf wall

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD (32) 0171122

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		1910-19 o.g.	1920-30 o.g.	1931-40	1941-50	1951-60
		1910-19	-	1931- 1932-1933 W n.g. 1929-30- 1934- 1935-1940 W	1941-1942 W 1949- 1950 W	