

RAINFALL AT

Cardiff W. W. Nant Penig No. 3

Lat. _____

Lon. _____

County of

Preston

Rain Gauge, by _____

Observer

C. H. Priestley Esq. Ch.

Taff - 14.

Diameter							5				
Height							1 0				
Altitude							2000				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							4.35	3.05	8.19	16.84	
February							2.58	9.54	5.76	7.06	
March							11.19	12.09	3.05	4.18	
April							2.51	8.40	6.02	9.58	
May15	4.13	6.80	4.72	
June							3.86	3.99	6.19	2.42	
July							3.52	4.15	1.67	2.66	
August							5.34	10.93	12.47	1.35	
September							13.60	10.07	2.87	6.91	
October							10.36	4.65	11.63	7.41	
November							2.80	9.38	8.45	7.04	
December							14.09	14.69	15.47	4.70	
TOTALS						78.73	74.35	95.07	88.57	74.87	

1895 from P.T. recd 13. i. 05 (C.H. Priestley)

RAINFALL AT Cardiff W.W. Nant Pong No 3

Lat.

Lon.

County of Brecknock

Rain Gauge, by

Observer

C. H. Preece Esq C.E.

Sept - 4.

Diameter ..	5										
Height	10										
Altitude ..	2000										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	9.79	5.83	6.78	15.09	12.78	3.83	12.39	5.19	9.03	6.29	8.700
February ..	7.62	2.43	3.38	9.78	9.34	3.65	6.08	4.21	6.12	1.69	5.430
March	1.76	8.01	4.98	14.20	3.91	11.60	6.62	4.83	6.85	6.88	6.964
April	4.49	9.38	3.51	2.95	6.60	8.68	1.42	6.63	4.27	6.51	5.444
May	5.21	1.78	4.51	4.97	4.43	.62	6.05	5.09	7.85	3.00	4.351
June	7.47	4.00	5.09	3.05	3.56	6.66	3.95	10.62	3.09	5.65	5.314
July	3.31	3.05	2.08	5.02	4.78	2.82	2.60	8.28	10.21	7.34	4.949
August	9.45	6.61	4.22	11.50	6.29	8.47	7.18	10.22	10.46	3.65	7.805
September ..	5.08	4.78	2.71	9.33	4.41	4.60	2.12	2.23	5.53	6.42	4.721
October	10.09	5.49	7.46	19.47	4.80	5.13	10.82	12.22	4.41	20.90	10.079
November ..	8.45	3.58	6.54	6.61	5.57	7.20	11.13	6.19	7.35	5.10	6.782
December ..	17.87	14.90	9.83	6.49	8.74	3.56	5.39	14.02	9.67	17.68	10.815
TOTALS ..	90.59	69.84	61.09	108.46	75.21	66.92	75.75	89.73	84.84	91.11	81.354

Hub

RAINFALL at Cardiff W.B. Nant Penig No 3County of DorsetObserver C.H. Priestley Esq. C.E.River Basin Taff 4

Rain Gauge, by _____

Weekly

Diameter ...	5										
Height	1.0										
Altitude ...	2000										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	12.41	3.49	6.70	10.29	8.66	7.77	16.30	3.15	8.80	10.19	
February ...	11.63	10.79	7.58	4.64	12.40	7.36	12.01	1.81	10.47	4.55	
March	3.02	3.38	13.18	15.38	11.87	2.93	2.71	3.51	5.00	10.60	
April	6.46	4.92	.96	11.75	2.83	4.03	5.85	4.08	3.32	4.29	
May	4.68	4.24	2.91	4.47	5.03	3.98	4.87	5.61	3.71	2.68	
June	6.06	6.84	8.05	4.55	3.06	2.00	5.96	5.16	2.58	5.65	
July	9.19	.61	7.18	1.88	6.16	10.57	3.95	5.12	11.41	2.10	
August	11.53	7.18	13.81	5.58	8.08	4.43	6.49	19.41	4.33	6.76	
September ..	1.05	5.85	1.46	3.81	3.21	1.66	4.61	5.59	17.84	6.40	
October ...	8.22	6.30	9.21	7.93	2.64	5.78	21.03	14.27	8.93	4.15	
November ..	8.91	12.00	6.78	14.87	9.43	5.94	8.78	8.10	7.18	5.88	
December ...	14.44	13.55	17.38	6.71	10.54	19.76	7.41	2.38	17.67	17.94	
TOTALS ...	97.60	79.15	95.20	91.86	83.91	76.21	99.97	78.19	101.24	81.19	88.452

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

RAINFALL at Cardiff W.W. (Vant Pnig) No. 3County of BreconObserver L. E. Priestley Esq., L.E.River Basin Raff 4(1926) R. J. Piles Esq.41-24 { Cusnowdon Rain Gauge, by N+2
Wetley good condition & correctCardiff W.W.

Diameter ...	5											
Height	1.0											
Altitude ...	2000											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEANS.
January ...	16.51	17.48	8.98	8.79	8.30	12.62	13.45	11.23	22.33	2.78	15.84	
February ...	8.63	2.9	15.59	16.55	9.7	16.23	7.04	7.38	14.73	1.35	5.8	
March	10.91	12.72	9.44	2.79	4.04	2.02	2.54	8.80	8.10	1.96	4.67	
April	14.77	2.00	5.38	7.20	8.52	6.29	4.63	3.34	3.16	1.10	4.76	
May	7.43	4.39	2.90	8.77	7.22	10.37	5.05	4.10	9.2	8.12	3.73	
June	7.98	1.02	3.79	3.33	5.45	0.1	3.85	2.58	10.92	5.30	5.65	
July	12.32	7.52	11.76	7.14	9.54	3.88	6.19	9.07	7.42	7.09	10.37	
August	5.18	13.37	8.17	8.96	11.90	7.94	9.34	16.52	7.98	7.48	8.16	
September...	6.80	5.45	7.17	8.41	14.17	6.05	5.33	12.02	3.08	3.50	9.19	
October	5.68	4.19	4.51	16.48	12.79	13.40	8.41	12.21	14.31	12.96	13.32	
November...	7.16	5.57	4.28	9.47	6.42	4.28	18.02	3.75	20.52	21.09	13.36	
December...	12.94	15.81	13.78	8.16	17.75	9.51	9.3	14.81	8.13	25.13	9.00	
TOTALS...	117.3	159.81	95.75	103.05	107.12	93.60	84.78	106.81	121.60	97.86	98.63	

Inspected by S. on flat moor with good shelter all round. Some distance from steep mountain ridge giving shelter to S.W. - NE. This gauge certainly does not give maximum of crest of mountain & after gauge had been placed near the ridge the catch would certainly have been more. Excellent exposure.

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	Direction

RAINFALL at Cardiff W.O. (Grant Penig) N/SCounty of BreconObserver H.T. Pelly, B.E.River Basin H. 2/4 ftH.W. B. Gwynne Esq. C.E. (1938)

Type of Gauge

G.W. Cover Esq. C.E. (1939)Annual Average ~~65.8~~ in. based on 17 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref P.B. 278 I.N.S.
(1939) 92.9 6 660 558/260

Diameter	5.										
Height	10.										
Altitude	2000.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.50	19.63	9.66	15.48	3.87	9.69	14.65	20.62	13.91	5.40	12.14
February	8.29	.27	9.93	1.02	13.26	3.41	13.24	5.64	9.88	8.60	7.36
March	.89	5.00	8.12	6.60	2.90	5.70	4.07	2.02	4.47	9.79	4.95
April	5.81	8.27	2.99	5.85	11.91	4.49	6.40	.56	6.14	5.61	5.80
May	6.73	9.48	2.03	6.21	2.13	2.64	2.92	7.16	1.13	2.64	4.30
June	9.45	2.74	4.39	3.94	11.66	5.41	4.96	8.30	8.08	1.38	6.30
July	10.30	9.35	8.15	4.11	2.23	14.54	6.38	6.42	19.79	7.09	8.83
August	8.16	4.80	2.31	8.77	3.85	3.47	1.97	7.63	6.06	1.69	4.87
September	3.47	10.00	2.68	9.19	13.89	7.45	4.29	3.90	1.70	6.67	6.32
October	3.79	15.16	12.60	11.77	14.95	7.48	4.65	20.10	5.48	12.29	10.82
November	18.67	8.67	2.16	5.16	12.58	9.83	4.63	14.59	20.92	22.25	11.94
December	6.20	6.30	1.49	22.99	6.99	17.02	7.33	8.23	6.65	7.68	9.08
TOTALS	90.26	99.67	66.51	101.09	100.21	91.13	75.59	105.17	104.21	91.09	92.49
			W	W	W	W	W	W	W	W	

1940 Jan. & Feb. would be snow.

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

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

Station No. T.F. 4157RAINFALL at Cardiff W.D. (Nant Penig)

41

County of BreconObserver C. W. Cover, Esq. R.E.River Basin 4-TaffType of Gauge Swunden (24 g.)Annual Average 92.9 in. based on 62 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 1.W.5.File No. 600.558/26

Diameter	5				488	948					
Height	1 0					1					
Altitude	2000					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(7.50)	9.04	14.45	15.53	7.80	17.93	7.54	19.08	6.03	4.58	
February	10.28	1.63	7.53	3.48	12.04	12.17	2.53	7.08	4.26	16.54	
March	6.61	6.94	2.17	1.10	5.35	3.24	14.78	6.51	3.37	6.59	
April	2.25	3.89	4.36	5.42	6.86	3.41	7.85	4.81	8.60	8.17	
May	5.80	10.37	9.42	4.72	8.19	4.72	3.42	5.04	7.87	3.28	
June	1.96	.86	8.64	7.15	10.50	12.28	5.65	9.68	1.03	5.69	
July	6.39	10.08	7.94	7.61	6.86	4.91	5.51	4.42	2.93	10.02	
August	10.88	10.74	11.92	4.83	6.17	13.79	.73	11.01	5.16	13.12	
September	1.25	8.24	9.56	11.50	9.37	14.53	5.47	12.09	3.07	16.36	
October	14.12	10.56	8.77	12.08	12.46	1.84	2.77	6.38	13.06	5.92	
November	6.84	2.10	8.27	17.05	1.04	16.58	13.89	5.46	9.57	11.34	
December	11.36	14.41	4.08	8.52	11.00	9.59	8.22	15.27	14.27	4.99	
TOTALS	85.24 W	88.86 W	97.11 W	98.99 W	97.64 W	114.09 W	78.36 W	106.83 W	79.12 W	106.60 W	

1941 Jan. fr. 26th.

Gauge inspected in March 1945. funnel leaking & replaced.

A0004

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. 4157 T.F. 56

RAINFALL at Lardiff NW (bank Penig)

51

County of Beckwithshire

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

River Basin 4-Tall
Snowdon ^{New Bedford} _{Mk. III 43-7-56}
Lardiff Corporation

Type of Gauge Snowdon

Annual Average 92.9 in. based on 6 years obs. unweighted. Period of average 1881-1915 Ref. 1105
94.73 .. 36 .. (within) 1916-56 File No. 6.5.558/25

Diameter	5"				488	948					
Height	1'0"					1					
Altitude	2000'					5'					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	12.29	9.79	3.17	5.24	6.74	11.79	14.54	10.10	11.22	13.42	
February	8.68	(2.46)	4.40	9.99	3.20	.93	8.98	14.07	1.08	10.31	
March	8.34	7.86	8.90	6.78	4.73	4.16	11.56	2.84	8.92	3.71	
April	9.49	5.81	6.04	2.89	6.30	1.83	.92	3.07	10.33	7.67	
May	4.17	6.57	5.92	5.68	8.27	3.31	5.53	8.12	2.49	2.35	
June	3.72	6.49	3.58	7.59	10.30	5.79	1.95	5.53	3.90	4.67	
July	2.78	3.60	12.08	9.87	1.90	9.35	10.92	7.50	9.34	11.72	
August	13.53	10.92	8.06	11.91	2.86	8.16	7.94	7.43	2.25	6.91	
September	10.13	5.38	7.71	10.96	5.25	9.90	13.67	16.13	.52	7.96	
October	2.56	7.85	6.78	22.39	5.11	4.53	10.63	10.62	11.37	11.08	
November	15.71	6.49	10.02	15.52	6.17	2.63	5.80	5.10	14.30	22.33	
December	13.15	9.14	2.90	10.71	13.50	12.63	10.67	8.59	21.02	14.35	
TOTALS	107.36	82.36	79.56	114.53	74.33	75.31	103.11	99.10	96.74	116.48	
		W	W	W	W	W	W	W	W	W	

1952. Feb adj. Eng. agree.

Inspected May 1956 Mr. Deeks. Gauge sound means correct. S.E. of F.S.

Infl. wall built: 12-7-56.

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 22/97484

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- 1932-40 W	1941-50 W 1944-45 W 1945-50 W NP	1951-60