

RAINFALL AT Cardiff W.W. Storey Arms Row

Lat. _____

Lon. _____

County of _____

Brecknock

Rain Gauge, by _____

Observer _____

C. H. Pisselley Esq. C.E.Tap - 14.

Diameter							5				
Height							10				
Altitude							1430				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							3.28	4.27	7.49	12.62	
February							2.02	7.44	4.20	8.12	
March							7.62	9.66	2.29	2.72	
April							1.64	5.58	5.00	7.61	
May							16	3.25	7.44	4.65	
June							4.75	3.79	4.84	2.30	
July							3.70	3.21	1.68	1.99	
August							4.15	9.59	11.53	1.80	
September....							10.93	7.81	2.45	5.02	
October							8.36	4.02	12.24	6.89	
November....							2.16	8.07	7.62	6.70	
December							13.28	14.21	10.62	4.56	
TOTALS							62.45	62.05	80.90	77.40	64.98

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

RAINFALL AT *Cardiff wth Storey Arms* No 4

Lat.

Lon.

County of *Brecknock*

Rain Gauge, by

Observer *C H Priestley Esq Ch.*

Gaff - 4.

Diameter ..	5										
Height	1.0										
Altitude			1430							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	8.81	4.67	3.94	11.89	9.86	2.17	10.63	2.41	5.17	2.57	6212
February ..	8.75	2.87	3.76	8.48	7.36	1.64	4.84	2.82	2.77	.75	4404
March	2.09	4.92	3.46	13.43	3.01	9.66	3.43	3.16	5.83	6.70	5569
April	2.69	7.17	3.72	2.67	3.92	7.94	1.39	7.57	4.02	5.34	4633
May	5.29	1.99	3.38	5.52	3.59	.50	6.22	4.58	6.30	2.28	3965
June	5.64	3.50	5.23	3.40	2.99	6.16	3.81	8.34	2.34	4.32	4573
July	2.80	3.20	2.10	4.12	4.40	2.06	1.60	5.78	6.39	4.68	3713
August	8.13	5.66	4.04	9.77	5.62	7.75	6.55	7.38	7.93	2.36	6519
September..	3.99	5.63	2.97	7.22	4.17	3.54	1.51	1.73	4.31	4.96	4003
October	9.04	4.52	7.07	16.96	2.96	4.26	10.11	12.55	5.14	14.31	8692
November..	8.10	3.17	7.75	5.54	3.84	8.47	6.96	5.94	4.67	3.28	5772
December ..	13.29	10.57	6.10	6.49	6.77	2.15	2.90	11.51	7.33	12.39	7950
TOTALS ..	78.62	57.87	53.52	95.49	58.49	56.20	59.95	73.77	62.20	63.94	60025

Hand

RAINFALL at Cardiff W.W. Honey Arms N° 4County of PrecynObserver C.H. Priestley Esq. C.E.River Basin Taff 4

Rain Gauge, by _____

Weekly

Diameter ...	5										
Height	1	0									
Altitude ...	1430										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.67	2.40	6.31	9.75	4.92	5.79	6.46	1.96	7.86	7.00	
February ...	7.87	5.70	7.02	3.95	10.03	13.48	8.12	1.73	5.81	4.75	
March	2.03	2.86	12.57	12.60	8.25	1.87	4.35	4.58	3.34	8.30	
April	4.98	3.21	50	10.80	2.16	2.82	3.47	2.05	3.67	2.93	
May	3.67	2.19	2.69	4.64	3.75	4.64	4.56	6.14	2.96	1.54	
June	5.64	4.93	8.08	2.94	3.58	1.78	4.41	4.07	2.13	3.02	
July	5.71	.43	6.59	1.52	7.06	8.72	2.73	4.21	9.01	1.77	
August	9.64	5.46	13.14	4.00	8.14	3.88	5.84	15.85	3.48	5.30	
September ..	.97	4.32	1.36	4.42	2.65	1.47	3.34	3.77	8.13	4.99	
October ...	6.81	5.95	8.84	8.95	5.31	7.38	14.14	9.68	4.67	3.59	
November ..	7.67	10.13	4.64	10.85	8.60	5.98	8.18	3.54	8.25	3.99	
December ...	13.66	16.20	13.30	3.93	16.13	17.99	5.19	1.82	11.46	10.94	
TOTALS ...	75.32	63.78	85.04	78.35	80.58	75.80	73.79	59.70	70.77	58.72	72.185

+ Inspected

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

RAINFALL at Cardiff W.M. (Storey Arms) - 16.4 (20 OLD)

County of Brecon

Observer C. H. Priestley, Esq., C.E.

River Basin 2aff 4

(1926) H. J. Peters Esq.

11.24 { Cusumodon Rain Gauge, by N4Z
 { good condition described no 330
 Weeples leaks in Seam

Diameter ...	5											
Height	1.0											
Altitude ...	4430											
Year	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1930 MEANS.	
January ...	10.05	9.70	8.65	4.39	7.90	8.47	11.05	7.20	15.60	3.16	12.92	
February ...	3.37	2.5	8.92	12.61	7.2	10.27	6.02	6.45	7.16	1.38	.93	
March	8.83	8.34	5.18	2.18	3.07	1.29	2.05	7.14	8.64	1.85	4.30	
April.....	9.32	1.55	3.96	3.66	5.09	4.77	4.08	2.43	3.03	1.43	6.60	
May	5.36	3.28	1.50	3.11	4.74	7.17	4.47	3.21	1.20	7.25	2.87	
June	5.71	.65	2.10	.77	4.18	.00	3.46	6.51	8.72	4.77	4.85	
July	10.23	4.60	(9.63)	3.71	7.82	3.11	(4.68)	8.21	4.99	4.94	8.77	
August	3.78	9.82	5.58	6.77	8.63	6.69	7.74	12.49	6.83	6.08	7.28	
September...	3.94	3.63	4.24	4.16	12.10	5.86	3.95	11.16	3.01	3.10	8.87	
October.....	5.20	2.58	2.08	11.17	10.32	10.61	6.28	8.69	14.81	10.79	10.04	
November...	4.25	5.00	2.41	5.07	6.00	3.93	13.56	6.87	14.14	21.75	8.44	
December...	11.00	3.82	10.96	6.01	13.29	6.32	.99	4.87	6.97	22.19	8.86	
TOTALS...	81.04	53.22	65.21	63.61	84.36	68.49	68.33	85.23	95.10	88.69	84.73	

Inspected 19. VI. 24. G. on open woods in valley open to S.W. Good shelter to E, N & W but not to S. Rather over exposed. Close new position on other side of valley about 250 ft. lower, with good shelter all around except N where beyond the valley there was shelter from mountain.

1926. July part cold. from surr. slas. gauge lampred with.

1929. See also new g.

F. 66055-2/26

1930 Record terminated 31. Dec. See new lg. for continuation

*Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series*

No. of Map.....

Reference No. _____

[illegible]

(Blair Telf Tower)
formerly called
20
RAINFALL at *Cardiff W.W. (Stover Arms)*
No 2 (New g.)

County of *Brecon*Observer *Inglis*
*N. J. Peters.*River Basin *Taff - 4*

Rain Gauge, by

Diameter ...												
Height										1.0		
Altitude ...										1430		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	
January ...										(3.40)	16.71	
February ...										(2.50)	.91	
March										(1.90)	4.82	
April										1.61	6.50	
May										8.21	3.21	
June										4.70	5.24	
July										6.22	9.24	
August										6.53	7.69	
September...										3.32	8.76	
October										12.69	11.38	
November...										23.37	10.83	
December...										23.94	9.39	
TOTALS...										(98.09)	94.68	

1/4/29 Gauge fixed in site recommenced by inspector
and Jan - March estimates by adding 10% to readings
of gauge in old site see previous sheet and
file 660558/26

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction

RAINFALL at Cardiff low (Stone Arms Field)County of Brecon Observer N.T. Peters C.E.River Basin 4- Laff. H.W.D. Coverell Esq. C.E. (1938)Type of Gauge M.O. G.W. Cover Esq. C.E. (1939)Annual Average 88.5 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. J.W.S.

660558/26.

Diameter	5"											
Height	1' 0"											
Altitude	1430'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	.	16.95	8.91	14.02	2.67	10.78	15.54	16.25	13.84	4.87		
February	.	14.0	12.45	.95	11.37	11.14	13.37	4.68	9.02	8.06		
March	.	5.10	8.33	6.90	2.31	5.84	6.96	1.43	4.28	9.31		
April	.	8.52	3.24	5.97	11.92	5.11	6.02	.34	6.43	5.96		
May	.	9.83	2.32	5.62	2.56	2.46	3.18	7.58	1.22	2.56		
June	9.33	3.39	4.32	3.46	9.83	5.46	4.48	7.15	7.37	1.14		
July	8.99	8.64	7.13	2.85	1.84	13.59	5.62	6.15	16.80	5.90		
August	7.85	4.48	2.02	7.32	3.05	2.74	1.94	6.74	6.11	1.13		
September	3.63	8.39	2.86	8.30	11.69	6.88	3.84	3.51	1.60	5.13		
October	3.12	15.15	11.38	10.11	12.06	5.95	5.63	16.88	6.14	11.25		
November	18.60	7.69	2.14	5.69	12.03	8.70	4.44	14.32	18.07	18.45		
December	5.82	6.73	2.91	21.80	6.78	15.71	6.80	8.75	6.15	6.52		
TOTALS	imp.	95.27	68.01	93.01	88.11	87.36	77.82	93.78	97.03	80.28	1.3	75.67

1931. N. P. int. New G. fixed in accordance with Bk O. Report 28/3/31
 1940. Feb. could. for snow.

Position of Station on reduced Ordnance Survey Map, } No. of Map.....92..... Reference No.....G.11.....
 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

RAINFALL at Cardiff W.W. (Palmer Taff Gaug) ⁵ re gaugeCounty of BaconObserver D. N. J. Pugh, C.E.River Basin H. TaffH.W.B. Cottrell Esq., C.E. (1938)

Type of Gauge

G.W. Cover Esq., C.E. (1939)Annual Average ~~84.8~~ 85.7 in. based on 6 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 1881 1WS660 558/26

Diameter	5.										
Height	1. 0.										
Altitude	430.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.97	16.60	9.62	13.47	2.86	10.64	15.65	15.32	13.42	4.32	109.87
February	7.59	44	7.24	9.4	10.50	4.30	13.57	4.28	8.49	7.44	64.79
March	1.15	4.98	8.41	6.66	2.13	5.65	6.73	1.35	4.44	9.95	51.45
April	6.48	8.66	3.02	6.06	11.80	4.93	6.10	36	6.96	5.33	59.70
May	7.60	10.17	2.43	5.24	2.43	2.41	3.25	7.13	1.25	2.84	44.75
June	9.32	3.26	4.61	3.20	9.11	5.76	3.58	6.94	7.23	12.8	54.29
July	8.45	8.12	6.94	2.34	1.65	13.25	5.25	6.34	15.95	5.90	74.19
August	8.30	4.35	2.04	7.26	2.73	2.52	2.04	6.34	5.87	1.64	42.59
September	3.53	7.47	2.78	8.17	12.73	6.54	3.73	3.23	1.84	5.03	53.05
October	2.89	15.31	10.98	9.37	12.23	5.94	6.06	15.50	5.88	11.63	95.79
November	18.48	7.55	1.98	5.18	11.62	8.02	4.25	13.87	15.54	17.38	103.87
December	5.76	6.54	2.61	20.75	6.65	15.72	8.09	8.20	5.75	6.53	86.60
TOTALS	87.52	93.45	62.66	88.64	84.44	85.68	78.30	82.86	92.62	78.77	840.94
					W	W	W	W	W	W	

* Stormy, calm Cardiff W.W. (Stormy arms)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. 4151/5

RAINFALL at Cardiff W.W. (Stoney Arms Field)

41

County of Brecon

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

River Basin H.T. 11

Type of Gauge M.O.

Annual Average 88.5 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. J.W.S.

File No. 662558/26

Diameter	5				488	941					
Height	10					1					
Altitude	1430					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	7.09	9.86	15.10	11.55	7.56	15.03	7.87	18.39	4.62	4.14	
February	10.07	1.16	5.87	3.05	12.48	8.92	3.22	6.33	4.55	15.82	
March	6.90	6.37	1.65	.70	5.36	4.11	13.52	4.89	3.47	5.97	
April	2.24	4.14	3.52	5.22	5.92	3.30	8.28	4.63	9.06	6.77	
May	5.35	10.58	8.78	3.60	6.99	5.54	3.56	4.68	7.31	2.86	
June	1.83	.64	7.67	6.13	9.69	11.30	4.01	8.07	.99	4.90	
July	5.46	8.48	6.44	6.65	6.28	4.36	4.89	3.52	2.57	9.32	
August	9.18	9.67	9.56	4.70	5.94	12.52	.79	9.08	4.24	12.07	
September	1.22	7.18	8.51	10.27	8.78	13.75	4.47	9.66	3.24	16.66	
October	12.72	7.78	8.16	11.30	10.68	1.76	1.90	5.73	12.85	5.29	
November	6.95	1.90	6.51	15.57	1.12	18.77	10.78	5.31	9.61	11.31	
December	8.66	14.18	4.45	8.34	12.55	9.01	7.27	16.01	11.35	5.22	
TOTALS	77.67	81.94	86.22	87.08	93.35	108.37	70.56	96.30	73.86	97.83	
	D	D	D	D	D	D	D	D	D	D	

Dec. 1948. Gauge replaced with new one. Engineer agrees there is falling off. 1948 Low Print with ? Engineer unable to account for falling off.

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. T.F. 4158

RAINFALL at Cardiff W.W. (Blaken Taff Fawr)

41

County of BreconObserver G. W. Cooper Esq. C.E.River Basin 4-Taff

Type of Gauge

Annual Average 85.7 in. based on 6 years obs. ~~un~~-weighted. Period of average 1851-1915 Ref. L.W.S.File No. 660.558/26

Diameter	5				488	933					
Height	1 0					1					
Altitude	1430					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	7.50	9.76	15.29	11.24	8.06	16.54	8.86	19.46	4.75	4.12	
February	10.26	1.34	5.82	3.15	12.84	9.14	2.86	6.47	4.74	16.10	
March	6.98	6.28	1.67	.76	5.89	4.18	13.47	5.66	3.61	6.80	
April	2.28	4.03	3.78	4.88	6.28	3.30	9.13	4.61	8.71	7.12	
May	5.36	10.61	8.77	3.39	7.01	6.51	3.89	5.38	7.79	3.04	
June	2.23	7.2	7.33	6.21	9.16	10.94	4.20	8.63	9.7	5.22	
July	5.47	8.02	6.13	6.40	6.68	4.47	5.00	3.59	2.49	9.25	
August	9.15	9.23	8.74	4.88	5.59	13.07	.78	10.05	3.84	12.46	
September	1.22	7.18	8.43	9.31	9.04	14.10	4.48	10.55	3.14	14.25	
October	10.82	8.12	7.63	11.22	10.78	1.96	2.09	5.66	13.20	5.48	
November	7.06	2.03	6.78	15.44	1.01	19.24	10.64	5.05	9.58	11.61	
December	8.44	14.26	4.42	8.29	12.66	9.56	7.57	16.68	10.82	4.48	
TOTALS	76.77 W.	81.58 W	64.79 W	85.12 W	95.00 W	112.01 W	72.97 W	101.79 W	73.68 W	100.22 W	

1941 Jan ft. std.

4000 4

7/9/55

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.

415715 TFS6

51

RAINFALL at Cardiff NW (Stoney Arms Field)County of Breconshire

Observer

G. H. Jones Esq. C.E.River Basin 4 - Taff

Type of Gauge

M.O. (Bridford type)Annual Average 88.5 in. based on 6 years obs. unweighted. Period of average 1881-1915 Ref. LWS86.42-8..1949-56

File No.

6.65.5.58/25-S

Diameter ...	5"				488	941					
Height ...	1'0"					1					
Altitude ...	11430'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	11.86	8.92	2.59	4.59	6.61	10.31	16.65	9.59	11.71	12.69	
February ...	8.89	2.09	4.29	8.43	3.10	7.6	10.16	13.33	9.6	10.81	
March ...	8.47	7.39	7.93	6.15	6.16	3.96	10.39	2.65	10.53	4.19	
April ...	7.98	5.75	6.52	1.97	6.34	2.29	6.7	2.58	10.89	7.83	
May ...	4.56	7.32	5.93	5.36	8.95	2.56	4.64	7.74	2.82	2.81	
June ...	3.91	6.01	3.03	7.13	9.81	5.13	2.09	5.37	3.94	4.64	
July ...	2.56	3.25	10.24	6.38	1.37	8.22	9.16	7.20	8.04	9.95	
August ...	13.89	11.69	6.55	10.27	2.66	9.94	8.10	6.64	2.05	5.60	
September ...	7.80	5.42	8.29	10.94	4.28	9.17	13.82	15.22	9.5	7.90	
October ...	2.49	8.01	1.27	18.57	4.41	4.03	9.70	9.55	11.13	12.93	
November ...	16.43	5.95	7.98	15.36	6.62	2.72	5.11	4.83	14.91	20.42	
December ...	11.28	7.67	2.33	9.89	12.22	11.25	9.74	8.83	23.03	13.12	
TOTALS ...	100.12	79.47	69.95	105.54	69.83	70.54	100.23	93.53	100.96	112.79	
	D	D	D	D	D	D	D	D	D	D	

Inspected May 1956 M.V. Debas. Gauge funnel sound. Incurve camber. Lte reasonable. Second gauge (Bridford) read northly, weakly

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 22/986200

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 -	1931-40 -	1941-50 -	1951-60 -
			1931-40 -	D	
			1932-40 -		

Station No. **4158 TFS6**

RAINFALL at **Lardiff W.W. (Black Tof Fawc)** **51**

County of **Bucknockshire**

Observer **B. W. Cowar, Esq. C.E.**

River Basin **U. Toff**

Lardiff Corporation

Type of Gauge

Annual Average **85.7** in. based on **6** years obs. ~~un~~ weighted. Period of average **1881-1915** Ref. **W.S.**
87.6 - **25** (within) 1929-56 **1916-1930** **66.0 55.8/26.5**
 File No.

Diameter ...	5"			488	933						
Height ...	1'0"				1						
Altitude ...	1450'	1675'			51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	12.33	8.44	2.97	4.59	6.74	10.32	12.46	9.75	10.59	12.44	
February ...	8.48	(2.29)	4.67	9.03	3.11	.78	9.17	13.53	.96	9.26	
March ...	8.95	7.50	7.63	6.34	4.92	3.76	9.14	2.52	8.23	3.33	
April ...	7.77	6.17	6.35	2.56	6.10	2.18	.61	2.88	9.37	7.18	
May ...	5.10	8.10	6.26	5.07	10.39	3.12	5.31	7.78	1.98	1.99	
June ...	3.89	5.92	3.25	7.60	9.71	5.16	1.91	5.24	3.13	4.72	
July ...	2.43	(3.30)	9.82	6.44	1.10	8.54	9.70	7.14	7.15	9.84	
August ...	13.21	(11.70)	6.24	4.93	2.64	7.86	7.60	7.31	1.87	5.96	
September ...	8.83	5.15	7.18	10.76	4.06	9.27	13.17	14.91	.46	8.07	
October ...	2.68	8.57	6.40	19.41	4.62	4.23	8.28	9.18	10.69	11.77	
November ...	16.09	6.69	7.66	16.15	6.35	2.67	5.63	4.85	13.58	20.16	
December ...	11.94	8.04	2.58	10.29	10.58	11.33	10.27	7.90	19.85	12.57	
TOTALS ...	101.50	81.87	71.01	108.17	70.31	69.22	93.25	92.99	87.86	107.29	
	W	W	W	W	W	W	W	W	W	W	

1952. Feb. adj. Eng. agrees. Jul. Aug. MO30 est.

Inspected May 1956 Mr. Deeks. Gauge sound, Site reasonable

1956 low

1957 Print

1959 n.p. low.

1960 n.p. low.

20604

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference **22/992207**

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
		C 1929. 1929-30 -	1931- 1932-40 W	W	