

RAINFALL AT *Cardiff* *New Filter Heah*

Lat.

Lon.

County of *Glamorgan*

Rain Gauge, by

Observer *J. A. B. Williams Esq**Thymney - 7.*

Diameter . . .								5			
Height										1.0	
Altitude . . .								132			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								2.74	1.89	1.81	
February								1.24	.77	2.07	
March								2.50	5.43	3.73	
April								1.20	1.36	3.31	
May								2.09	1.79	2.73	
June53	3.54	.52	
July								1.42	7.43	4.49	
August								2.70	3.77	4.39	
September . . .								4.02	1.15	2.06	
October								2.90	1.71	3.31	
November								3.48	7.22	1.81	
December								3.15	4.47	2.54	
TOTALS								27.97	40.53	32.77	

RAINFALL AT

Lardiff New Filton Heath

Lat. _____

Lon. _____

County of _____

Glamorgan

Rain Gauge, by _____

Observer _____

*J. A. B. Williams Esq. C.E.
C. H. Priestley Esq. C.E.*

Rhymney - 7.

Diameter	5										
Height	1 0										
Altitude	132										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.98	4.13	2.73	2.43	3.58	4.69	1.21	2.34	2.23	6.41	2.573
February63	.05	2.21	6.37	4.44	.22	.88	4.59	2.27	4.03	2.569
March	1.80	1.57	1.23	.36	4.24	4.23	5.46	4.67	1.43	1.56	2.655
April	1.54	2.21	1.17	.16	2.19	2.38	1.06	4.30	1.75	4.39	2.115
May	2.21	4.80	1.43	2.47	2.34	.52	.18	1.19	3.20	2.55	2.089
June	2.51	2.81	1.78	.64	2.44	1.00	3.20	3.15	2.13	1.48	2.114
July	3.43	2.13	3.46	3.76	4.44	4.46	1.55	1.60	1.08	.32	2.623
August	4.53	8.23	4.15	2.84	4.60	4.03	2.87	7.06	3.46	1.61	4.338
September	1.26	2.73	4.13	2.13	1.94	1.26	8.86	5.69	2.52	3.12	3.364
October	2.09	8.50	2.81	7.81	5.73	4.58	4.25	1.69	6.62	3.28	4.736
November	4.57	3.91	3.54	2.54	5.28	5.57	1.23	3.25	5.59	3.36	3.884
December	1.44	7.70	2.66	4.82	4.25	4.93	7.16	6.84	5.32	3.43	4.855
TOTALS	31.99	48.77	31.30	36.33	45.47	37.87	37.91	46.37	37.60	35.54	38.915

RAINFALL AT *Cardiff New Filton Heath*

Lat.

Lon.

County of *Gloucestershire*

Rain Gauge, by

Observer *C. H. P. Weather Esq. C. L.**Rhymer - 7.*

Diameter ..	5										
Height	10										
Altitude ..	132										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.01	2.60	2.06	5.59	5.38	1.46	7.74	8.15	2.84	1.92	3.875
February ..	6.44	1.02	1.66	2.33	5.93	1.29	3.79	1.74	2.82	.61	2.763
March	1.06	2.11	2.81	5.36	2.78	5.96	2.94	2.09	3.27	4.35	3.273
April	1.59	4.52	2.54	2.32	2.47	2.90	1.47	4.03	2.73	2.91	2.748
May	1.90	.92	2.32	4.09	2.90	.19	4.54	3.01	2.06	1.96	2.389
June	1.74	2.91	2.72	2.62	1.32	3.76	2.50	4.36	.41	2.16	2.450
July	1.15	2.91	1.79	4.06	3.81	.91	.77	2.69	3.20	2.57	2.386
August	3.82	4.35	4.21	5.76	3.96	4.14	2.97	3.44	6.65	3.24	4.254
September ..	1.21	4.51	2.68	4.09	3.56	1.82	.95	.98	3.07	4.23	2.710
October	5.49	2.31	3.51	11.31	2.53	2.32	7.67	6.90	2.86	7.63	5.253
November ..	4.80	1.39	4.75	2.29	3.45	3.83	3.47	3.26	1.69	1.74	3.067
December ..	7.10	6.86	4.08	4.25	3.27	2.05	2.65	7.31	4.67	7.85	5.009
TOTALS ..	42.31	36.41	35.13	54.07	41.36	30.63	41.46	42.96	36.27	41.17	40.177

Heads

RAINFALL at

Cardiff New Filton Bed Heath

10

4092

County of Glamorgan

Observer C H Puddley Esq CR.

River Basin Rhymney 7

Rain Gauge, by

Diameter ...	5										
Height	1 0										
Altitude ...	132										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1915-19 MEANS. Totals
January ...	5.15	1.78	5.14	7.52	2.34	4.01	3.43	1.51	4.84	5.61	15.42
February ...	6.01	4.46	3.22	1.54	3.67	5.24	5.98	1.67	3.00	4.70	15.35
March	1.24	2.24	6.41	6.01	6.49	1.46	3.44	3.22	2.59	5.72	14.97
April	3.26	3.00	.38	5.29	2.90	1.40	1.71	1.77	2.23	1.95	7.66
May	2.91	1.99	1.86	2.93	2.22	2.53	4.45	3.16	1.52	.67	9.80
June	4.26	2.40	6.85	1.86	2.95	1.09	4.30	2.57	2.29	1.30	10.46
July	2.85	.07	3.55	.49	6.04	4.61	2.25	2.64	4.91	2.03	11.83
August	5.77	2.22	9.28	1.28	3.26	1.92	3.48	8.52	3.40	2.10	18.20
September ..	.18	2.25	.86	3.40	2.73	1.42	2.32	2.84	9.87	1.92	16.95
October ...	4.63	3.56	5.17	5.39	2.48	5.03	8.78	6.95	2.88	2.60	21.21
November ..	6.53	6.04	2.94	5.66	5.18	2.47	3.37	2.47	3.29	3.96	13.09
December ...	6.25	8.84	7.31	2.31	7.94	9.07	4.24	1.11	7.30	8.77	21.42
TOTALS ...	49.04	38.85	52.97	47.68	48.20	40.25	47.75	38.43	48.12	42.06	174.36 X

39

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


RAINFALL at Cardiff, (Heath Hills)

County of Glamorgan

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

River Basin 7 Rhymney.

(1926) H. J. Peters Esq.

Snowdon Rain Gauge, by  good condition & correct glass Condenser correct → leaks but trivial

Engl. Cardiff Water Works.

Diameter ...	5															
Height	1.0															
Altitude ...	122															
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930					
January ...	689	532	464	286	576	466	739	512	915	1.91	6.99					6069
February ...	166	05	492	920	58	610	345	386	495	1.85	.78					3740
March	439	299	401	172	206	47	59	420	456	.55	2.85					2639
April	560	75	361	304	344	285	245	187	173	.42	3.51					2927
May	452	206	136	266	502	490	227	144	84	3.53	1.60					3020
June	325	02	133	82	257	01	172	391	264	2.73	.90					1990
July	576	122	470	216	584	416	222	447	234	2.32	3.18					3837
August	279	297	410	419	623	526	419	533	411	3.79	5.70					4866
September...	272	307	373	368	684	583	171	790	84	.49	5.19					4230
October	362	187	150	721	666	643	399	385	752	6.75	5.52					5492
November...	264	326	212	362	386	265	925	602	523	11.28	5.49					5542
December...	530	295	740	454	741	442	28	343	525	9.46	4.93					5537
TOTALS	4914	2653	4342	4570	5627	4774	3951	5140	4916	4508	4664					5098

inspected 9/17. 11-14 S. on grass-land some distance from reservoir. slight drop to S. but good shelter to E, N+W. Exposure excellent.

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

No. of Map.....

Reference No.

[illegible]

RAINFALL at Cardiff (Heath Trean)County of GlamorganObserver H.J. Price, G.E.River Basin 7. RhymneyH.W.D. Cottonhill Esq., C.E. (1938)

Type of Gauge

G.W. Cover Esq. C.E. (1939)Annual Average 41.3 in. based on 37 years obs. ~~un~~-weighted. Period of average 1881-1918 Ref. S

660558/26

Diameter	5.										
Height	1.0										
Altitude	132.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	3.31	6.69	2.97	2.75	.94	4.87	4.92	6.06	7.26	3.87	44.64
February	3.47	0.03	5.25	.62	4.56	1.73	6.89	1.88	2.90	3.76	31.09
March	1.16	2.27	3.88	2.23	1.12	3.82	4.17	.62	1.84	3.35	24.46
April	3.38	4.17	1.99	2.82	5.69	3.72	4.02	.19	3.56	2.98	32.52
May	8.57	4.97	2.74	1.72	.79	1.87	2.47	3.15	0.84	2.40	29.52
June	3.43	1.63	1.53	1.61	5.66	4.58	1.10	2.37	1.89	.90	26.70
July	4.26	4.29	2.34	1.82	.61	8.32	3.51	4.31	6.16	5.26	40.88
August	4.67	1.44	1.34	4.04	2.32	1.35	.37	3.31	3.70	.16	22.70
September	1.53	6.17	1.74	3.52	8.37	3.08	1.68	1.71	0.94	1.45	30.19
October	1.09	7.29	4.87	3.38	6.44	1.91	4.55	8.26	3.63	6.52	47.94
November	6.78	2.31	0.86	1.59	6.59	4.76	2.49	6.11	9.68	9.37	50.54
December	2.80	2.59	2.31	11.92	4.04	4.70	2.55	5.14	2.64	2.71	41.40
TOTALS	44.45	43.85	31.82	39.02	47.13	44.71	38.72	43.11	45.04	42.73	420.58

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

Station No. T.F. 4092

RAINFALL at Cardiff (Heath Filters) ✓

41

County of Glamorgan

Observer G.W. Cover Esq. C.E.

River Basin 7 - Rhymney

Type of Gauge

Annual Average 41.3 in. based on 37 years obs. un-weighted. Period of average 1881-1918 Ref. S

File No. 660558 26

Diameter	5				488	828						
Height	10					1						
Altitude	132					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals	1941-50 Totals
January	5.03	5.50	8.10	4.70	4.78	4.69	3.52	8.98	1.49	1.52	48.31	
February	4.24	3.2	2.03	1.32	5.24	3.40	1.66	2.47	2.49	7.29	30.46	
March	3.30	2.81	1.48	5.1	1.40	1.43	7.96	1.77	2.08	2.06	24.80	
April	1.82	1.98	1.63	3.04	1.62	2.14	3.14	2.79	2.99	3.06	24.21	
May	2.28	5.38	4.24	2.61	3.52	4.77	2.50	3.94	3.45	2.39	35.08	
June	2.04	5.3	3.28	3.34	4.51	4.50	2.51	3.29	5.9	1.40	25.99	
July	3.05	2.97	2.71	2.68	2.69	2.16	2.87	4.42	1.77	5.38	30.70	
August	7.05	5.52	4.47	3.95	3.12	8.03	1.12	5.43	2.41	8.67	49.77	
September	9.2	4.62	4.86	5.18	2.65	6.01	2.40	2.94	4.16	6.81	41.55	
October	2.60	4.14	2.75	5.86	5.18	1.16	1.08	5.87	8.51	1.95	39.07	
November	2.90	9.4	2.82	8.04	1.04	6.98	5.13	2.44	4.44	7.08	41.81	
December	4.47	5.10	2.86	2.91	6.57	4.74	4.27	4.87	4.50	2.77	43.05	
TOTALS	39.70 D	39.81 D	41.22 D	44.14 D	42.32 D	50.01 D	38.13 D	50.21 D	38.88 D	50.38 D	404.80	✓ 38

7.12.44 Gauge inspected. funnel leaking. replaced 26.1.45.

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

1 mile to 1 inch Series

Reference No.....

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

Air Ministry, Meteorological Office

RAINFALL at Cardiff (Heath Filters)

Station No. T.F.4092

County of Glamorgan

Observer G.W. Cover Esq. C.E.

River Basin 7-Rhymer

Type of Gauge _____

Annual Average 41.3 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 660558/26

Diameter ...	5"				488	828					
Height ...	1'-0"					1					
Altitude ...	132'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.25	3.98	1.19	3.17	3.94	5.21	4.57	4.18	4.93	4.43	4085
February ...	4.42	1.02	2.12	4.67	2.17	0.30	5.13	5.63	5.2	3.24	2922
March ...	4.47	2.76	1.61	5.04	1.55	1.39	5.08	1.07	3.55	2.18	2870
April ...	3.86	3.37	3.78	0.94	1.88	1.95	0.24	0.77	3.55	2.94	2328
May ...	2.61	3.84	3.30	2.26	5.55	0.96	1.53	4.23	1.95	1.40	2713
June ...	0.58	2.30	2.12	4.75	4.33	2.31	1.10	3.11	2.06	2.37	2503
July ...	1.04	2.65	4.79	4.12	0.16	2.76	5.67	4.26	3.77	6.02	3526
August ...	4.47	6.04	5.22	3.63	1.43	6.01	3.40	5.43	2.69	5.06	4338
September ...	4.83	5.01	5.04	6.57	1.88	5.65	5.22	6.83	3.34	5.79	4716
October ...	2.02	5.78	3.25	6.42	2.19	2.30	4.06	5.13	6.07	8.88	4610
November ...	8.20	5.45	4.04	8.64	4.42	1.54	2.64	2.51	5.25	9.04	5173
December ...	3.65	3.56	1.93	3.82	6.25	5.48	2.55	4.96	9.41	7.05	4866
TOTALS ...	45.40	45.76	38.39	54.03	35.75	35.86	41.21	48.11	43.59	58.40	446.50

1956 Imp. Hr. Deck (5/56) Satisfactory.

Position of Station on Ordnance One-Inch map:

No. of Map _____

National Grid Reference 51/31/8799

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

Summary of Earlier Records from 10-year Sheets:

1916 - 50 f accepted.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓ 1910-14 Blank	✓	✓	✓	