

RAINFALL AT

Cardiff

50

Ely P. Sta.

Glamorgan.

Rain } By T. G. South Esq.
Gauge {

Diameter.....5.....in.

Height above Ground, .3... ft. in.

Above Mean Sea Level, ..15.... ft.

Ozmore - 5.

YEAR										1859	MEANS.
January										3.48	
February										2.01	
March										4.03	
April										5.11	
May										3.43	
June										3.16	
July										1.69	
August										5.99	
September ...										7.59	
October										4.50	
November ...										5.14	
December										5.05	
TOTALS										51.18	

Oct. 25th 1.23 in 22 hours Royal Charter boat with 400

Abundance 1859 = 62.23

Nyd Sta. No. 47. 491560

NQR: (31) 141765 (Est)

Alt. 16m 53 ft.

RAINFALL AT *Leardiff Water Works* *Gly P. Sea.*

*Glamorgan.*Rain By *F. J. Smith Esq.*Gauge Diameter.....*5*.....in.Height above Ground, *3* ft. in. *68* Above Mean Sea Level, *15* ft.*0 ft. - 5.**1 ft. = 66**45 68**15 = 65**53*

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January	5.91	2.13	3.80	4.22	2.53	3.83	5.55	4.64	5.43	5.64	4.365
February	1.52	3.10	.50	1.88	1.44	4.01	5.06	3.73	2.50	4.01	2.775
March	3.23	4.10	4.05	1.76	3.69	.88	2.74	3.73	2.65	1.58	2.841
April	2.64	.84	3.94	1.61	1.43	1.12	1.58	4.24	2.20	1.66	2.126 -
May	5.57	.60	3.68	2.32	.72	2.71	.90	3.57	2.07	4.80	2.694
June	8.20	6.07	4.82	4.28	2.33	2.15	3.32	.63	.39	.99	3.318
July	2.54	7.53	3.05	.72	1.41	3.94	2.48	3.37	.34	1.06	2.614
August	8.37	3.25	3.53	5.07	1.58	4.85	3.32	1.55	5.70	1.06	3.828
September ...	3.69	4.81	4.08	5.26	4.66	-	12.17	2.11	4.77	6.07	4.762
October	4.55	3.02	8.46	7.39	2.91	8.16	3.13	5.86	4.62	4.16	5.226 +
November ...	3.86	6.24	2.03	4.22	4.63	4.45	4.25	1.61	2.14	3.73	3.716
December	3.83	2.16	3.02	1.69	1.96	2.94	5.06	2.41	8.78	5.66	3.751
TOTALS	53.91	43.85	44.96	40.42	28.99	39.04	49.56	37.45	41.59	40.39	42.016

+ C C C C - C C C C C C

*Very open position**Hyd. Sta. No. 47-491560**NGR. (31) 141765 (86)**Alt. 16m 53ft.*

RAINFALL AT Cardiff, Ely. P. Sta.

Lat.

Lon.

County of ...

Glamorgan

Rain Gauge, by.

Observer

J. G. Smith Esq. L.L.

approx -5.

Diameter	3										8	
Height	3										4	
Altitude	45										39	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January	3.77	3.36	7.51	5.35	5.69	6.52	2.27	5.95	2.01	4.69	4.712	
February	2.91	2.97	4.65	1.26	3.03	2.82	6.20	3.40	3.26	6.10	3.660	
March	2.54	2.16	3.67	4.46	2.49	1.59	4.58	2.97	1.40	1.13	2.689	
April	1.16	5.20	1.99	3.1	1.80	2.68	2.09	2.94	3.53	2.72	2.342	
May	2.93	4.77	2.18	2.80	1.35	3.39	2.27	3.37	5.33	3.42	2.601	
June	6.6	1.76	3.96	2.84	1.58	5.97	1.69	1.63	3.57	6.97	3.063	
July	2.27	5.38	5.53	4.36	2.20	7.21	7.9	4.42	1.45	4.54	3.815	
August	3.11	3.60	4.13	4.98	4.98	3.20	6.24	6.62	8.17	8.23	5.326	
September	3.12	6.59	4.30	3.19	6.05	4.69	8.48	3.44	3.30	4.80	4.796	
October	7.17	4.62	5.76	5.32	4.94	8.03	4.37	5.09	5.48	1.51	5.229	
November	4.46	1.90	5.13	2.48	3.39	8.24	5.67	7.45	2.90	4.3	4.205	
December	2.50	2.65	7.57	1.08	5.66	2.03	8.70	3.67	3.07	2.16	3.909	
TOTALS	35.60	41.16	56.23	38.43	43.16	56.37	51.35	50.95	43.47	46.70	46.347	

St. Gooch writing 9.11.80 says— "The
rain gauge at Ely is as fixed some 25 years
ago and is 8 inches in diameter."

Hyd. Sta. No. 47-491560

NGR: (31) 141765 (82)

Alt. 16m 53ft.

RAINFALL AT *Cardiff, Ely P. Sta.*

Lat. _____

Lon. _____

County of *Glamorgan*

Rain Gauge, by _____

Observer *H. Gorch, Esq. C.E.**07 more - 5.**J. A. B. Williams, Esq. C.E.*

Diameter	8										
Height	4.0			1.							
Altitude	377			537							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.85	.78	3.16	5.64	6.35	3.47	5.44	3.28	1.99	1.89	3.285
February	4.68	5.12	2.88	3.93	4.63	4.19	1.90	1.48	.92	2.22	3.195
March	1.98	4.13	1.37	.63	3.87	2.17	4.25	2.57	5.02	3.85	2.984
April	2.02	1.87	6.09	.89	1.58	2.60	3.00	1.46	1.39	3.19	2.409
May	1.20	2.83	2.26	2.01	2.79	3.77	6.57	2.23	1.99	2.86	2.851
June	2.70	3.69	4.02	3.31	2.28	2.88	.75	.74	3.60	.33	2.430
July	5.58	2.62	5.18	3.56	5.12	.89	4.31	1.63	7.52	4.23	4.064
August .....	.56	5.85	7.26	2.68	3.02	2.79	2.06	2.91	4.26	4.68	3.607
September	4.45	2.45	3.65	6.80	2.17	6.25	3.49	4.90	1.12	2.11	3.739
October	5.25	3.63	8.56	4.58	1.34	6.15	6.76	3.01	1.92	4.21	4.538
November	3.61	5.36	6.01	6.79	2.21	5.70	5.39	3.89	7.83	2.12	4.911
December	6.95	4.71	6.29	2.22	6.53	1.93	6.60	3.49	4.18	2.57	4.547
TOTALS	39.83	43.04	56.73	43.01	41.89	42.79	50.72	31.59	41.74	34.26	42.560

1880. Llandaff Cath

2100 yards

N.E.

Hyd. Sta. no. 47-491560

N.G.R. (31) 141765 (E.L.)

Alt. 16m 50ft.

RAINFALL AT

Cardiff, Ely. Ss.

Lat. _____

Lon. _____

County of

Glamorgan

Rain Gauge, by _____

Observer

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

opposite to - 5.

Diameter	8							5				
Height	10											
Altitude	53 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS:	
January	5.89	3.91	2.54	2.46	3.45	4.84	1.25	2.26	2.07	6.64	3.521	
February ....	.62	.05	2.48	5.86	4.06	.19	1.05	4.79	2.37	3.99	2.546	
March	1.75	1.90	.96	.41	4.31	4.65	5.25	4.39	1.55	1.67	2.684	
April	2.12	2.25	1.74	.20	2.22	2.32	1.01	4.30	1.51	5.09	2.276	
May	2.10	5.18	1.50	2.84	2.45	.48	.14	1.30	3.29	2.84	2.212	
June	2.97	2.08	2.00	.72	2.86	1.24	2.64	3.13	1.99	1.41	2.104	
July	3.47	2.41	3.64	3.55	4.42	4.76	1.64	1.41	.69	.81	2.680	
August	3.78	8.23	4.78	3.53	4.96	4.38	3.00	7.97	3.64	1.79	4.606	
September	1.15	2.76	4.60	2.64	2.32	1.29	9.67	5.91	2.57	3.94	3.685	
October	2.15	8.19	2.47	6.94	5.72	4.70	4.77	1.91	6.50	3.29	4.664	
November	4.42	4.04	3.06	2.69	5.14	5.14	1.18	3.28	5.06	2.84	3.685	
December	1.58	7.23	2.83	4.88	3.94	4.57	7.59	6.92	5.40	3.43	4.837	
TOTALS	32.00	48.23	32.60	36.72	45.85	38.56	39.19	47.57	36.64	37.74	39.570	

Hyd. Sta. No. 47-491560

1860 -

NGR: (31) 141765 (Est)

Alt. 16m 53ft.

RAINFALL AT *Cardiff, Ely P. Sta*

Lat.

Lon.

County of *flamorgan*

Rain Gauge, by

Observer *C. H. P. S. Ely Esq. C.E.**gauge 1c-5.*

Diameter ..	8				5						
Height	1. 0										
Altitude ..	53 K										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.78	2.30	2.24	5.65	5.37	1.64	7.57	2.79	2.73	2.06	3.813
February ..	6.19	1.09	1.82	2.51	6.21	1.17	4.12	1.78	2.53	.68	2.910
March	1.12	2.10	2.86	5.75	2.73	5.99	3.12	1.71	3.11	4.25	3.274
April	1.95	4.54	2.26	2.32	2.28	2.72	1.38	3.74	2.70	2.66	2.659
May	1.87	.95	2.46	3.02	3.04	.13	5.06	2.80	1.93	1.88	2.317
June	2.16	2.98	2.71	2.09	1.45	4.12	2.33	3.91	.36	2.18	2.429
July	1.78	3.57	1.98	4.58	5.12	1.69	.97	2.66	3.02	3.06	2.943
August	4.32	4.90	3.95	6.00	3.47	4.33	3.47	3.89	6.89	3.19	4.441
September ..	1.44	3.65	2.67	4.34	4.03	1.88	1.20	.81	3.48	3.67	2.717
October	5.81	2.53	3.57	11.37	2.69	2.76	7.67	7.33	3.42	7.24	5.439
November ..	5.20	1.54	4.62	2.36	3.49	4.22	3.85	3.29	1.77	1.67	3.201
December ..	7.17	7.11	4.01	4.75	3.38	2.19	2.75	7.54	4.26	7.66	5.082
TOTALS ..	44.79	37.26	35.15	54.74	43.26	32.84	43.49	42.32	36.20	40.20	41.025

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*Hyd. Sta. No. 47- 491560**N.R. (31) 141765 (Est)**Alt. 16m 53ft.*

RAINFALL at Cardiff Ely Pumping StationCounty of FlawogauObserver C. H. Priestley & Co.River Basin Ogmore & C 5

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	53 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.65	1.90	5.45	7.76	2.11	4.10	3.50	1.36	4.78	5.74	
February ...	5.50	4.56	3.23	1.45	3.81	5.48	5.88	1.56	2.04	4.52	
March	1.24	2.40	6.96	5.89	7.06	1.44	3.71	3.04	2.88	5.97	
April	3.31	3.05	.42	5.53	2.89	1.79	1.96	2.16	2.17	2.13	
May	3.36	1.50	1.86	3.16	2.32	2.62	4.01	3.36	1.43	.89	
June	4.53	2.13	7.51	2.14	2.49	1.25	4.28	2.71	1.87	1.42	
July	3.05	.45	3.48	.51	6.50	4.75	2.43	2.52	5.54	1.77	
August	5.99	2.11	9.92	1.63	3.83	1.66	3.15	7.90	3.61	2.68	
September ..	.15	2.50	.93	3.87	3.09	1.10	3.16	2.77	10.49	2.64	
October ...	5.01	3.96	5.44	5.24	2.50	4.69	8.98	7.06	2.67	2.47	
November ..	6.67	7.28	3.41	5.95	5.32	3.04	3.18	2.55	3.27	3.89	
December ...	6.10	8.37	7.77	2.35	8.19	8.55	3.79	1.28	7.03	8.64	
TOTALS ...	50.56	40.21	56.38	45.48	50.11	40.47	48.03	38.27	47.78	42.76	46.005
	7	1	2	2	7	2	2	2	2	2	

Hyd. Sta. No. 47-491560

NGR: (31) 141765 (64)

Alt 16m 53ft.

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

RAINFALL at Catdiffe (Ely Pumping Station)County of GlamorganObserver C. H. Priestley Esq. C.E.River Basin Ogmore 5(1926) H. J. Peters Esq.

vi. 24 { W. Snowdon Rain Gauge, by N. 2
 { hole in seam but lifts - correct & good condition
glass - canella & float (correct) W. Snowdon Catdiffe

Diameter ...	5 ¹¹											
Height	1.0		1	10	1	0						
Altitude ...	53											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930.	
January ...	6.17	5.11	4.55	2.82	5.91	4.38	6.74	4.98	9.51	1.81	6.22	
February ...	1.62	.06	4.73	8.79	.71	6.27	3.27	3.57	5.27	1.60	.74	
March	4.40	3.21	3.79	2.10	1.91	.44	.81	4.21	4.61	.59	2.49	
April	4.95	.84	3.47	3.68	3.40	2.78	2.22	1.95	1.53	.65	2.41	
May	2.85	1.95	1.45	2.58	4.38	4.77	2.47	1.66	.50	3.44	1.54	
June	2.22	.06	1.21	.87	3.02	.06	1.80	3.48	2.45	2.31	.73	
July	5.92	1.00	5.19	2.27	5.91	4.13	2.27	4.38	2.10	2.21	3.04	
August	2.73	3.22	4.16	4.91	6.09	6.26	3.90	5.37	4.06	3.21	5.88	
September...	3.05	3.50	3.83	4.02	6.74	5.36	2.02	7.58	.89	.45	4.56	
October.....	3.65	2.05	1.73	6.81	6.36	6.00	4.31	4.08	7.22	6.32	5.32	
November...	2.87	3.38	2.35	3.64	3.75	2.68	8.84	5.90	4.98	10.99	4.94	
December...	5.14	2.70	7.89	4.16	6.47	4.13	.46	3.02	5.19	8.39	4.35	
TOTALS	44.57	27.08	44.35	46.65	54.65	47.26	39.11	50.18	48.51	41.97	42.22	

Inspected 17.11.24 The gauge was in a fairly sheltered garden - house to the south. Exposure - excellent. The large number of rain days at this station are undoubtedly due to glass-measure - it being impossible to see level of instruments less than .01.

Hyp. Sta. No. 47. 49/560
 NGR: (31) 141765 (Est)
 Alt 16m 53 ft.

Position of Station on reduced Ordnance Survey } No. of Map. _____ Reference No. _____
 Map, 2 miles to 1 inch Series

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

RAINFALL at Cardiff (Gly Pumping Station)County of Glamorgan Observer N.J. Peters, G.E.River Basin 5- Ogmore & c.

Type of Gauge

Annual Average 42.1 in. based on 38 years obs. un-weighted. Period of average 1881-1915 Ref. B of N.
660.558/26.

Diameter	5										
Height	1.0										
Altitude	53										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.41	5.60	2.62	3.43	1.89	4.15					
February	3.23	.02	5.04	.59	3.56	1.70					
March	.93	1.87	3.35	2.20	1.09	3.88					
April	2.97	4.00	1.72	2.74	5.05	3.02					
May	7.29	4.34	1.75	1.57	1.17	1.94					
June	3.58	1.58	1.47	1.56	3.68	3.38					
July	4.41	4.10	2.22	1.13	.58	7.30					
August	4.24	1.16	1.60	3.86	2.30	1.16					
September	1.93	5.13	1.90	3.70	8.29	3.11					
October	.68	6.64	4.92	3.30	6.26	1.96					
November	5.96	2.31	.93	1.72	6.29	4.26					
December	2.50	2.13	2.05	11.16	3.78	3.99					
TOTALS	41.12	38.85	29.57	36.96	42.93	39.85					
	D.	D.	D.	D.	D.	D.					

1912). Station T. and of 1926 on ground being sold by Corporation for building.

Hgd. Sta. No. 47- 49/560
NGR: (31) 141765 (6se)
Alt. 16m 53ft.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

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