

RAINFALL AT Cardiff Penylan

Lat. _____

Lon. _____

County of Flamorgan
Smalton Rain Gauge, by Cassella

Observer E. Wallingford M.D.
Rhymerley - 7.

Diameter ...									5		
Height									10		
Altitude ...									204		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									2.58	1.82	
February ...									2.33	.57	
March									3.25	4.14	
April									2.63	2.74	
May									1.88	1.80	
June47	2.08	
July									3.53	2.55	
August									6.33	3.27	
September ..									2.90	3.83	
October ...									3.14	7.34	
November ..									1.52	1.63	
December ...									3.97	6.93	
TOTALS ...									34.53	38.70	

1908 gauge moved from Roath Park

Roath Church

7 furlongs

SE

Cardiff Station

2 Miles 1 furlong

SE

Telegraph House

13 1/2 ft high 27 ft

SE

RAINFALL at

Cardiff Penylan

County of

Glamorgan

Observer

E. Welford Esq M.D.

River Basin

Rhymney 7

Snowdon

Rain Gauge, by Casella

Diameter ...	5											
Height	1.0											
Altitude ...	204											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS Totals	
January ...	4.75	1.53	4.69	7.26	2.13	3.87	3.16	1.31	5.47	5.72	15.66	
February ...	5.50	4.21	3.04	1.46	3.74	5.00	5.72	1.86	2.97	4.63	15.18	
March	1.15	2.23	5.95	5.75	6.38	1.38	3.21	3.85	2.76	5.78	15.60	
April	3.09	2.96	.35	5.21	2.88	1.31	1.75	1.92	2.39	1.95	7.99	
May	2.83	1.25	1.88	2.84	2.33	2.77	4.68	3.79	1.52	.71	10.70	
June	4.67	2.39	6.94	1.93	2.93	1.23	4.62	2.87	2.27	1.52	11.08	
July	2.70	.13	3.53	.60	6.21	5.08	2.21	2.69	5.95	2.14	12.99	
August	5.31	2.83	8.95	.97	3.53	2.27	3.55	9.43	3.39	2.82	19.19	
September ..	.18	2.05	.81	3.50	2.68	1.27	2.20	2.68	10.49	2.20	17.57	
October ...	4.69	3.73	5.18	5.10	2.45	5.12	9.04	7.00	2.90	2.84	21.58	
November ...	6.68	6.00	2.81	5.36	5.21	2.55	3.39	2.20	3.52	3.40	12.51	
December ...	5.62	8.32	7.26	2.08	8.16	9.04	3.83	1.03	7.13	7.19	19.58	
TOTALS ...	47.20	37.63	51.39	42.06	48.63	40.89	47.36	40.63	50.76	40.88	179.63	

914 shed 12 ft high 38 ft 25°

Bug?

38

W. Heath Park R. R.

4 Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.30	3.10 W	Cardiff					

(11284) Wt. 1671—0044. 10,000. 421. J. T. & S. Ltd. 160

RAINFALL at Cardiff (Penlan) (+A) M.W.R.County of Glamorgan Observer Medical Officer of HealthRiver Basin T. RhymneyType of Gauge London (+A)Annual Average 41.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref Boyd

Diameter	5.											
Height	1.0.											
Altitude	203.							202'				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1881-1915	
January	2.92	6.29	2.79	3.57	8.4	4.86	4.90	5.78	6.59	3.87	42.41	
February	3.05	0.03	4.45	6.2	4.09	1.52	6.39	1.83	2.84	3.47	28.29	
March	.98	2.26	3.73	1.92	1.00	3.46	3.72	.59	1.69	3.43	22.78	
April	3.23	4.13	1.93	2.70	5.58	3.43	3.84	.17	3.37	2.76	31.14	
May	8.04	5.09	2.46	1.55	.78	1.61	2.35	3.21	.83	2.39	28.31	
June	3.35	1.58	1.95	1.55	4.98	4.80	1.10	2.07	1.85	.96	23.89	
July	4.54	4.80	2.19	1.54	.66	8.41	3.12	3.63	6.38	4.92	40.19	
August	4.59	1.28	1.36	3.87	2.21	1.26	.38	3.14	3.66	.20	22.05	
September	1.61	5.25	1.58	3.45	8.48	3.06	1.94	1.67	.60	1.30	29.24	
October	1.04	7.04	4.82	2.46	6.03	1.74	4.09	2.15	3.38	5.75	45.00	
November	6.57	2.19	0.78	1.57	6.34	4.87	2.40	6.24	8.71	8.54	47.91	
December	2.61	2.48	2.18	11.17	3.86	4.46	2.24	4.88	2.72	2.55	39.15	
TOTALS	42.53	42.52	30.22	36.47	44.85	42.98	36.47	41.36	42.82	40.14	400.36	✓38

Both gauges moved to new site on 13.12.36. There is no change of altitude & the site is still in Penlan Park. The pond slope in place with depth to W.S.E. To the North the slope is gradual. Jan. 1934 6.237.

627

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
			Queen St.	2 mi				

Station No. 4291RAINFALL at Cardiff (Penylan) (M.W.R. 267)

41

County of GlamorganObserver Medical Officer of HealthRiver Basin 7-RhymneyType of Gauge Snowden (+A)Annual Average 41.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.A.N.

File No.

Diameter	5				488	779						
Height	10					1						
Altitude	202					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.27	5.31	8.40	4.30	(4.53)	4.61	3.32	8.56	1.24	1.36	45.90	
February	3.78	3.5	1.79	1.17	5.08	2.37	1.75	2.38	2.37	6.97	28.01	
March	2.92	2.64	1.41	5.2	1.33	1.43	7.57	1.77	1.87	2.18	23.64	
April	1.64	1.86	1.73	3.06	1.57	2.06	3.13	2.64	3.02	2.68	23.29	
May	2.01	5.41	4.22	2.30	3.40	4.75	2.48	4.01	3.71	2.10	34.39	
June	1.71	4.4	3.25	3.31	4.72	4.27	2.62	3.59	.65	1.29	26.85	
July	3.02	2.64	2.57	2.68	2.84	2.32	2.77	4.29	1.31	5.17	29.61	
August	6.87	4.86	4.55	3.72	2.97	7.97	1.11	5.65	2.33	8.68	48.71	
September	1.09	4.85	4.53	5.29	2.70	5.86	2.27	4.18	3.65	6.75	41.17	
October	2.28	3.81	2.89	5.92	4.87	1.18	1.15	5.61	8.72	1.78	38.27	
November	2.86	.81	2.72	7.60	.85	6.83	4.70	2.45	4.77	6.52	40.17	
December	4.86	4.95	2.69	3.13	6.37	4.66	3.68	4.95	4.18	2.41	41.88	
TOTALS	37.31	38.05	40.75	43.00	41.28	48.31	36.55	50.08	37.82	47.89	420.99	

9.5 Jan. part est'd for snow

40004

373.10

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.

Air Ministry, Meteorological Office

RAINFALL at Cardiff (Penlan)

Station No. 4091

M.W.R. 967? (267)

County of Glamorgan

Observer Medical Officer of Health

River Basin T- Rhymney

Type of Gauge Snowden + A.

Annual Average 41.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B8N

" 42.10 "

" 1916-50 "

File No. 1916-50

Diameter ...	5"				488	479					
Height ...	1'-0"					1					
Altitude ...	202'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.33	3.26	1.11	2.66	4.18	5.02	4.20	4.23	4.78	4.14	3.761
February ...	4.49	0.86	1.96	4.30	1.96	0.32	5.31	5.75	4.45	2.90	2.830
March ...	4.11	2.66	1.66	5.03	1.41	1.37	5.10	1.01	3.28	2.00	2.763
April ...	3.52	3.32	3.89	0.88	2.04	1.85	0.23	7.4	3.19	2.89	2.255
May ...	2.51	3.81	3.47	2.20	5.12	1.07	1.73	4.33	1.20	1.33	2.677
June ...	0.67	2.29	2.46	4.51	4.19	2.23	1.27	3.12	1.97	2.48	2.519
July ...	0.99	2.87	4.76	4.41	0.59	2.82	5.17	3.42	3.95	5.73	3.477
August ...	4.59	6.02	5.55	3.96	1.54	5.49	3.39	5.69	2.75	5.25	4.433
September ...	5.37	4.53	4.61	6.92	2.00	5.46	5.07	7.01	2.5	5.75	4.697
October ...	1.91	5.71	3.56	6.52	2.26	2.72	4.21	4.70	5.54	8.41	4.554
November ...	8.02	4.00	3.83	8.80	4.47	1.45	2.74	2.46	4.94	7.90	4.861
December ...	3.51	3.34	1.73	3.92	5.96	5.15	2.40	4.55	8.99	6.51	4.606
TOTALS ...	45.02	42.67	38.59	54.11	35.72	34.95	41.52	47.01	41.29	55.29	43.627

1952 imp. Mr. Jacobs (5/52) g to be fixed in soil otherwise O.K.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference 573/19573

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 P accepted.

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