

RAINFALL AT *Llanelli, Old Market-Place*

Lat.

Lon.

County of

Carmarthens

Rain Gauge, by

Observer

G. Watkins Esq.
Gauge No. 3.

Diameter						5					
Height						10.0	9.0	10.0			
Altitude						35					
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						3.24	6.27	4.63	2.09	1.51	
February						4.90	1.28	1.42	1.94	3.14	
March						1.88	6.02	2.93	3.85	4.07	
April						4.06	2.81	1.00	1.08	2.38	
May						3.24	4.26	1.54	2.24	2.24	
June						3.67	1.28	.74	4.10		
July						1.77	5.70	2.13	7.02	2.80	
August						1.58	1.73	1.41	4.17	3.92	
September...						6.21	4.33	3.86	1.45	3.22	
October						5.17	7.36	2.66	2.16	3.98	
November...						5.31	6.45	4.81	7.93	3.84	
December...						2.16	6.57	3.12	6.00	4.12	
TOTALS						43.79	54.05	30.25	44.03		

*S.^t Elwys Church ¹⁵⁰ 140 yards E.
 1887 Gauge moved September 10 yards S.W.*

RAINFALL AT *Llanelli Old Market Place*

Lat. _____

Lon. _____

County of *Carmarthen*

Rain Gauge, by _____

Observer *G. Watkeys Esq C.E.*

Rough - 3.

Diameter	5										
Height	10 0										
Altitude	35 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.99	3.54	2.50	2.25	4.63	5.06	1.48	1.85	2.35	7.05	3.570
February	1.54	54	2.59	4.43	3.28	.09	1.06	5.67	2.15	4.30	2.565
March	2.25	1.58	1.06	1.16	3.49	2.09	4.95	6.25	1.20	1.76	2.579
April	2.08	2.31	1.78	.41	2.00	2.18	1.22	4.15	2.59	4.27	2.299
May	1.23	3.59	1.35	1.89	3.60	.36	.08	1.66	3.14	3.57	2.047
June	2.97	3.27	1.93	1.47	3.59	.88	1.17	3.38	2.63	.82	2.211
July	3.37	2.48	2.88	3.16	4.53	4.30	3.15	1.71	1.25	2.58	2.941
August	5.69	7.07	3.63	3.17	6.22	5.41	3.13	5.48	3.92	1.98	4.570
September...	2.55	5.60	3.63	2.59	2.33	.96	7.05	5.20	1.35	1.53	3.279
October	3.45	11.45	4.50	6.02	6.70	4.41	4.25	2.41	8.11	3.99	5.529
November...	5.64	4.78	4.95	2.61	7.94	5.87	1.56	3.11	3.97	3.08	4.351
December	2.14	7.09	2.97	6.39	3.77	3.67	8.04	6.06	5.32	3.72	4.917
TOTALS	37.90	53.30	33.77	35.55	52.08	35.28	37.14	46.93	37.98	38.65	40.858

RAINFALL AT Llanelli Oldmarket Place

Lat.

Lon.

County of Carmarthens

Rain Gauge, by

Observer G. Watkins Esq. C.E.

Loughor TC-3.

Diameter ..	5										
Height	10.0										
Altitude ..	35 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.98	3.68	3.42	4.84	5.69	2.17	7.83	2.47	2.98	2.48	4154
February ..	6.84	1.28	1.63	3.29	5.19	1.53	3.72	2.55	2.51	.52	2906
March	1.67	3.26	3.06	6.19	1.59	5.88	3.42	1.75	5.86	4.33	3701
April	1.55	4.15	2.41	2.96	2.42	3.34	1.15	3.68	2.73	3.52	2791
May	2.12	1.11	2.02	2.68	2.70	1.01	5.89	2.80	2.71	1.36	2140
June	3.05	3.34	3.77	1.33	1.86	1.95	2.71	4.35	1.40	2.33	2609
July	1.78	1.76	2.86	2.51	3.65	3.41	1.91	2.84	4.69	2.96	2857
August	4.90	4.92	1.77	7.38	2.72	6.37	3.46	4.53	3.35	1.92	4132
September ..	1.78	4.83	2.50	4.55	3.47	2.07	1.99	1.15	5.36	4.10	3180
October	6.34	4.13	4.28	11.68	3.75	1.48	3.48	9.30	2.66	7.50	5960
November ..	5.87	1.23	5.45	3.34	3.73	4.23	1.64	3.90	3.01	2.03	3743
December ..	5.99	7.06	3.72	4.28	4.67	1.92	3.78	5.53	5.20	7.65	4980
TOTALS ..	48.07	40.75	36.89	55.03	41.44	35.36	49.98	44.85	42.46	40.70	43458

1909 Corrected for wrong day

4116

RAINFALL at Llanelli Old Market YardCounty of CarmarthenObserver E. Watkeys Esq. &c.River Basin Loughor + C 3

Rain Gauge, by _____

Diameter ...	5										
Height	10.0										
Altitude ...	35 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.87	2.03	5.47	8.02	2.57	5.09	3.44	1.98	5.69	1.22	
February ...	5.46	3.41	3.41	2.19	5.93	7.31	5.12	2.53	3.66	4.29	
March	1.59	2.88	6.91	6.56	6.79	1.27	2.21	2.71	2.52	7.65	
April	2.90	2.65	.33	5.84	1.34	1.54	2.01	2.14	2.74	1.95	
May	2.75	1.68	1.62	3.64	2.67	2.35	3.62	2.28	1.91	1.59	
June	3.74	2.70	5.62	2.91	1.47	1.60	3.32	3.04	1.40	2.71	
July	4.44	.48	3.79	.92	5.75	3.29	1.58	4.58	4.84	.85	
August	5.92	3.53	8.81	1.19	4.42	2.34	3.28	8.30	3.47	3.04	
September ..	.26	3.03	.51	4.48	2.68	1.67	3.01	2.68	9.53	2.90	
October ...	3.74	3.67	5.97	6.58	2.38	4.02	12.44	6.49	5.06	2.55	
November ..	5.96	6.49	4.65	7.61	5.16	4.23	4.62	3.85	4.55	3.73	
December ...	7.58	10.59	7.99	2.77	10.04	9.07	3.55	1.54	8.99	8.50	
TOTALS ...	49.21	43.14	55.08	52.71	51.20	43.78	48.20	42.12	54.36	47.57	46.731

1911 total for W.D.

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

RAINFALL at Llanelli (Old Works Yard)County of CarmarthenshireObserver J. W. Watkins Esq. C.E.River Basin Loughor - 3Boro' Eng. Llanelli

(1926) Summary

VI-14

(1927) 1926

Howard Rain Gauge, by

rim nearly off and no stem
Replaced by Camden S. Corvally graduated
freshly new. Glass correctly graduated (Camden)

Diameter ...	5										
Height	12.0										
Altitude ...	35										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	7.09	6.95	5.57	3.88	6.94	3.87	7.72	6.36	10.07	3.37	8.62
February ...	1.94	1.85	5.52	9.53	5.57	8.12	5.17	4.49	5.55	1.87	.79
March	7.21	3.73	4.14	2.57	2.48	1.24	.90	5.07	4.05	1.43	3.23
April	7.27	1.29	3.10	3.58	4.00	4.17	2.24	2.21	1.29	1.36	2.92
May	4.51	2.06	2.22	3.09	4.10	6.22	2.63	2.62	1.00	4.17	2.53
June	4.14	.01	1.38	1.20	3.68	.00	2.47	4.56	5.17	2.14	2.02
July	7.47	2.41	6.13	3.01	6.06	2.74	4.46	3.72	3.24	3.35	4.93
August	2.82	5.96	5.27	7.17	6.90	6.06	5.40	7.88	4.47	4.01	6.02
September...	7.34	2.08	5.74	4.69	6.76	4.47	1.38	6.90	2.73	.75	5.64
October	6.81	2.70	1.48	7.59	6.81	6.16	3.68	3.40	9.46	6.93	7.70
November...	3.07	3.95	2.13	5.45	4.05	4.43	11.03	6.32	7.34	12.98	5.47
December...	4.81	3.73	6.47	6.03	8.91	4.24	.58	4.17	6.15	10.68	7.71
TOTALS...	64.48	35.05	49.15	57.79	61.56	51.72	47.66	57.70	60.82	53.04	57.58

Inspected by H. G. on site of roof in yard sheltered by buildings all around
fairly good position & no better available.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 41' N	4° 10' W	Llanelli	.		Old Baptist		
1923				125 yds	S.	Llanelli	135 yds	E.

RAINFALL at Slaneely (old market yard)County of CarmarthenObserver G. Watkins, B.S. (Borough Surveyor)
J. H. MatgonyRiver Basin 3. Loughor &c.Type of Gauge SnowdonAnnual Average 44.6 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref S

698 415 / 26

Diameter	5.										
Height	12. 0.										
Altitude	35.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.21	6.86	4.03	5.15	1.51	6.37	6.07	5.84	6.72	5.11	5287
February	5.13	.01	5.38	.42	4.83	2.41	7.45	2.03	2.88	5.54	3608
March	1.15	2.23	2.75	3.09	1.08	3.16	3.29	1.19	1.83	3.39	2316
April	3.31	3.11	1.66	3.31	5.56	2.99	2.82	.06	3.40	2.68	2890
May	4.18	4.44	2.35	2.34	2.23	.70	2.02	3.67	1.26	1.36	2455
June	6.32	2.81	2.16	2.26	4.15	3.70	1.45	2.71	2.11	.58	2755
July	7.89	4.42	2.29	.57	1.05	7.43	2.68	4.08	6.56	4.00	4097
August	3.62	1.50	1.86	3.74	1.87	1.29	.74	4.17	4.50	.27	2356
September	3.09	6.05	3.19	4.19	6.32	4.89	3.44	2.15	1.11	1.84	3627
October	2.04	8.32	7.09	3.89	6.80	2.26	4.21	7.62	3.28	4.67	5018
November	11.02	3.35	1.15	2.01	8.51	5.39	2.02	6.37	8.31	8.00	5613
December	3.24	3.67	1.58	11.04	4.02	4.14	3.75	4.35	2.54	3.82	4245
TOTALS	56.20	46.07	35.49	42.01	47.93	44.73	39.94	44.24	48.0	41.26	44267

1940 June + July part wtd.

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
1931.			Slaneely	125 yds.	S.	Slaneely	135 yds.	E.

Station No. H107RAINFALL at Llanelli (Old Market Yard)

41

County of CarmarthenObserver J.H. Montgomery Esq.River Basin 2 - Lougher & c.Llanelli U.D.C. (1944)Type of Gauge StandardAnnual Average 44.1 in. based on 37 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref 5File No. 698.415.26

Diameter	5										
Height	12 0										
Altitude	35										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January		5.17	6.72	3.08	3.18	4.05	4.07	6.99	1.41	.94	
February		33	2.85	.97	3.80	2.57	.77	1.90	1.73	6.04	
March		300	1.40	.54	1.48	1.08	7.53	2.02	1.84	1.69	
April		220	1.49	2.57	1.47	1.09	2.63	2.10	2.53	2.77	
May		542	3.65	1.26	2.51	3.51	3.34	2.37	3.29	1.66	
June		35	3.87	1.84	4.24	3.89	1.87	3.36	.23	1.96	
July		402	2.37	1.48	3.11	1.86	2.97	3.37	1.07	3.98	
August		378	3.61	2.39	2.40	6.51	.68	8.04	3.03	6.26	
September		407	5.99	2.98	2.60	5.57	2.07	4.05	1.04	5.75	
October		441	5.81	4.67	3.89	3.60	1.47	5.37	8.05	3.00	
November		.81	2.74	6.85	.62	7.98	4.90	3.44	6.90	4.52	
December		554	1.82	2.92	6.23	5.51	3.45	6.56	2.89	3.94	
TOTALS	N.R.	39.10 D	42.32 D	31.55 D n.p.	35.53 D n.p.	47.22 D-P	35.75 D n.p.	49.57 n.p.	34.03 mp low	42.51 n.p.	

1941 ~~Revised~~ Revised not as Free Station Gaugemount 20' (45 ft. possible)1944 n.p. 5-6 in low. Gauge rated by authorities - not to be sound Surveyor proposes move of gauge to a new site (45 ft)

1945 n.p. 5-6 in low

1946 n.p. low exposure unorthodox

1947 n.p. site unorthodox

1948 " " "

1950 roof gauge.

* in on the old site

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.
1944			Llanelli	1230 x	S	Llanelli	135 x	6

Air Ministry, Meteorological Office

Station No. 4107

RAINFALL at Llanelly (Old Market Yard)

County of Carmarthenshire

Observer Llanelly V.D.C.

River Basin 3 - Loughor & C.

Type of Gauge Snowdon

Annual Average 4.6 in. based on 37 years obs. ☒ un-weighted. Period of average 1881-1915 Ref. 5

File No. 698415/26

Diameter ...	5"										
Height ...	12' 0"										
Altitude ...	35'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.92	3.26	1.15		2.81	5.86	3.35	4.05			
February ...	2.67	0.56	2.19		3.28	0.36	4.19	5.14			
March ...	5.12	2.14	2.15		3.97	1.60	4.50	0.93			
April ...	2.03	2.39	2.25		3.05	1.91	0.28	0.79			
May ...	2.15	3.20	2.10		2.99	0.77	1.51	2.79			
June ...	0.69	2.50	1.18		5.25	2.31	1.56	4.24			
July ...	0.49	1.07	2.97		1.37	2.50	4.38	3.89			
August ...	4.68	4.04	2.75		0.90	6.92	3.39	4.30			
September ...	2.30	1.65	3.67		1.91	5.12	8.49	8.10			
October ...	0.92	2.45	2.26		2.25	1.63	3.92	4.12			
November ...	6.33	2.96	2.87		3.46	1.33	2.67	3.55			
December ...	2.56	3.21	1.12		6.63	5.36	3.05	4.28			
TOTALS ...	34.86 D	24.34 D	26.66 Dap		36.87 Dap	34.87 Dap	41.24 Dap	46.18 Dap			

n.p. low n.p. low

1953 n.p. low

1955 n.p. low

1956 n.p. roof gauge

1957 n.p. site unorthodox (roof gauge)

1958 n.p. off roof gauge

1959 Gaug. Mr. O'Kane (f/s) Badly q/s by elevated platform to S.S.E. + by gate to S.E. Ron unorthodox.

No. Annual average worked (1916-50) unorthodox site. +

Position of Station on Ordnance One-Inch map: No. of Map _____ National Grid Reference SN(22) 506 005

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
1951.			LLANELLY.	1250' S	LLANELLY.	135' E.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	1941 NR 1942-7 D 1944-50 n.p.	
	J.Bur D15 Blank	J.Bur D15 Blank	✓		