

## RAINFALL AT Llanelli, Old Market-Place

Lat.

Long.

County of

Carmarthen

Rain Gauge, by

Observer

G. Watkins Esq.

Loughor 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	1.46	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 .....						43.19	54.05	30.25	44.03		

S<sup>t</sup> Ellwys Church <sup>150</sup> yards E.  
 1887 Gauge moved September 10 yards S.W.

RAINFALL AT Llanelli Old Market Place

Lat.

Long.

County of

Carmarthen

Rain Gauge, by

Observer

G. Watkeys Esq. C.E.

Loughor - 3.

Diameter .....	5										
Height .....	10	0									
Altitude .....	357	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	2.017
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	11.570
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	11.351
December .....	2.14	7.09	2.97	6.39	3.77	3.67	8.04	6.06	5.32	3.72	11.917
TOTALS .....	37.90	53.30	33.77	35.55	52.08	35.28	37.14	46.93	37.98	38.65	110.858

## RAINFALL AT Llanelli Old Market Place

Lat.

Lon.

County of Carmarthenshire

Rain Gauge, by

Observer G. Watkins Esq C.E.

Dougher &amp;c - 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	41.54
February ..	6.84	1.28	1.63	3.29	5.19	1.53	3.72	2.55	2.51	.52	29.06
March ..	1.67	3.26	3.06	6.19	1.59	5.88	3.42	1.75	5.86	4.33	37.01
April ..	1.55	4.15	2.41	2.96	2.42	3.84	1.15	3.68	2.73	3.52	27.91
May ..	2.12	1.11	2.02	2.68	2.70	1.01	5.89	2.80	2.71	1.36	24.40
June ..	3.05	3.34	3.77	1.33	1.86	1.95	2.71	4.35	1.40	2.33	26.09
July ..	1.98	1.76	2.86	2.51	3.65	3.41	1.91	2.84	4.69	2.96	28.57
August ..	4.90	4.92	1.77	7.38	2.72	6.37	3.46	4.53	3.35	1.92	41.32
September ..	1.78	4.83	2.50	4.55	3.47	2.07	1.99	1.15	5.36	4.10	31.80
October ..	6.34	4.13	4.28	11.68	3.75	1.48	8.48	9.30	2.66	7.50	59.60
November ..	5.87	1.23	5.45	3.34	3.73	4.23	1.64	3.90	3.01	2.03	37.43
December ..	5.99	7.06	3.72	4.28	4.67	1.92	3.78	5.53	5.20	7.65	49.80
TOTALS ..	48.07	40.75	36.89	55.03	41.44	35.36	49.98	44.85	42.46	40.70	43458 455

D D D D D Hulbert

1909 Corrected for wrong day

## RAINFALL at Llanelli Old Market Yard

County of Carmarthen

Observer G. Watkeys Esq C.E.

River Basin Loughor &amp; C 3

Rain Gauge, by

Diameter ...	5										
Height .....	10.0										
Altitude ...	357										
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	8.22	
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	8.00	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	2.48	
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	1.64	8.99	8.50	
TOTALS ...	49.21	43.14	55.08	52.71	51.20	47.78	48.20	42.12	54.36	47.57	48.731
	D	D	D	D	D	D	D	D	D	D	

1911 cont'd for W.W.D.

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

## RAINFALL at Llanelli (Old Market Yard)

County of Carmarthen

Observer S.W. Watkins Esq; C.E.

River Basin Loughor - 3

Boro' Engt. Llanelli

(1926) Survey  
VI-24

Howard Rain Gauge, by  
 rim nearly off and no stem  
 replaced by Eudoxus & correctly graduated  
 greatly new. Glass correctly graduated (Canden)

Diameter ...	5	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN
Height .....	120											
Altitude ...	35											
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	1.8	5.52	9.53	5.7	8.12	5.17	4.49	5.55	1.87	.79	
March .....	7.21	5.73	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 .....	4.44	.01	1.38	1.20	3.68	.00	2.47	4.56	5.47	2.14	2.02	
July .....	7.44	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	7.89	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	57.19	61.56	51.72	47.66	57.70	60.82	53.04	57.58	

23.VI.24  
2.5. on side of roof in yard sheltered by buildings all around  
fairly good position tho' 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	Parish Church.	Distance from gauge
1920	51° 44'	4° 10' W	Llanelli	.	.	Old English	.
1923				1250 yds	S.	Llanelli	135 yds E.

RAINFALL at Llanelli (old market yard)

County of Carmarthen. Observer G. Watkeys, Esq. (Borough Surveyor)  
 River Basin 3. Dwyfor &c. J. H. Montgomery  
 Type of Gauge Standard.

Annual Average 44.6 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 698 415 / 26

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	12.0											
Altitude	35											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	5.21	6.86	4.03	5.15	1.51	6.37	6.07	5.84	6.72	5.11	5.28	1
February	5.13	1.01	6.38	4.42	4.83	2.41	7.45	2.03	2.88	5.54	3.60	8
March	1.15	2.23	2.75	3.09	1.08	3.16	3.29	1.19	1.83	3.39	2.31	b
April	3.31	3.11	1.66	3.81	5.56	2.99	2.82	1.6	3.40	2.68	2.89	0
May	4.18	4.44	2.36	2.34	2.23	1.70	2.02	3.67	1.26	1.36	2.45	5
June	6.32	2.88	2.16	2.26	4.15	3.70	1.45	2.71	2.11	5.58	2.75	5
July	7.89	4.42	2.29	5.7	1.05	7.43	2.68	4.08	6.56	4.00	4.09	7
August	3.62	8.50	1.86	3.74	1.87	1.29	1.74	4.17	4.50	2.7	2.35	b
September	3.09	6.05	3.19	4.19	6.32	4.89	3.44	2.15	1.11	1.84	3.62	7
October	2.04	8.92	7.09	3.89	6.80	2.26	4.21	7.62	3.28	4.67	5.01	8
November	11.02	3.35	1.15	2.01	8.51	6.39	2.02	6.37	8.31	8.00	5.61	3
December	3.24	3.67	1.58	11.04	4.02	4.14	3.75	4.35	2.84	3.82	4.24	5
TOTALS	56.20	46.07	35.49	42.01	47.93	44.73	39.94	44.24	44.80	41.26	44.26	7

1940 June + July part ends.

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	Parish Church.	Distance from gauge
1931.			Llanelli	125yds. S.		Llanelli	135yds. E.

Station No. 4107

## RAINFALL at Llanelli (Old Market Yard)

41

County of Carmarthen

Observer T. H. Martyn Esq.

River Basin 3 - Loughor &amp;c.

Llanelli U.D.C. (1944)

Type of Gauge Standard

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

File No. 698.415.2.b.

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	7.94		
February	3.3	2.85	.97	3.80	2.57	.77	1.90	1.75	6.04		
March	3.00	1.40	.54	1.48	1.08	1.53	2.02	1.84	1.69		
April	2.20	1.49	2.57	1.47	1.09	2.63	2.10	2.55	2.77		
May	5.42	3.65	1.26	2.51	3.51	3.34	2.37	3.29	1.66		
June	3.5	3.87	1.84	4.24	3.89	1.87	3.36	.93	1.96		
July	4.02	2.37	1.48	3.11	1.86	2.97	3.37	1.07	3.98		
August	3.78	3.61	2.39	2.40	6.51	.68	8.04	3.03	6.26		
September	4.07	5.99	2.98	2.60	5.57	2.07	4.05	1.04	5.75		
October	4.41	5.81	4.67	3.89	3.60	1.47	5.37	8.05	3.00		
November	1.81	2.74	6.85	.62	7.98	4.90	3.44	6.90	4.52		
December	5.54	1.82	2.92	6.23	5.51	3.45	6.56	2.99	3.94		
TOTALS	N.R.	39.10	42.32	31.55	35.53	47.22	35.75	49.57	34.03	42.51	
		o	D	D	D	D	D	n.p.	n.p.	n.p.	

1941 Previous used as Fire Station Gauge moved 20' (45 A. 40881014)

1944 n.p. 5-6 in low. Gauge rated by authorities stated to be sound Surveyor proposes move

1945 n.p. 5-6 in low of gauge to a new site (45 A.)

1946 n.p. low exposure aneroidos

1947 n.p. site unanerodos

1948 " "

1950 roof gauge.

on anerodos 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	1250	S	Llanelli	135	E

Air Ministry, Meteorological Office

Station No. H107

RAINFALL at Llanelli (Old Market Yard)

County of Carmarthen

Observer Llanelli M.D.C.

River Basin 3 - Loughor & C

Type of Gauge Standard

Annual Average 44.6 in. based on 37 years obs. yr-weighted. Period of average 1881-1915 Ref. 5

File No. 698415/26

Diameter	5"	no roofs									
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		3.47	1.60	4.50	0.93			
April	2.03	2.39	2.25		3.05	1.41	0.28	0.79			
May	2.15	3.20	2.10		2.99	0.97	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		0.40	6.42	3.34	4.30			
September	2.30	1.55	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	2.95	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	29.34	26.66		36.87	34.87	41.24	46.18			
	D	D	D		D <sub>M</sub>	D <sub>M</sub>	D <sub>M</sub>	D <sub>M</sub>			

n.p. low n.p. high

1953 n.p. low

1955 n.p. low

1956 n.p. roof gauge

1957 n.p. site unorthodox (roof gauge)

1958 n.p. roof gauge

1959 Sept. Mr. O'Kane (F15) Built 96 by elevated platform to SSE. + by gate to SE. Bon unorthodox.

No. 9 in poor condition

No. 9 in poor condition No. 9 in poor condition No. 9 in poor condition No. 9 in poor condition

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference 5N(22) 50000

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Parish Church	Distance from gauge
1951.			LLANELLY.	1250 <sup>2</sup> S	LLANELLY.	135 <sup>2</sup> E.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	1941-42, 1942-70 1944-50 n.p.	