

RAINFALL AT Llanelli, Old Market-Place

Lat.

Lon.

County of

Carmarthen

Rain Gauge, by

Observer

G. Watkeys Esq.

Longhor. 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	4.25	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						43.19	54.05	30.25	44.03		

S.
1887 Ellwys Church ¹⁵⁰ yards E.
Gauge moved September 10 yards S.W.

RAINFALL AT Llanelli Old Market Place

Lat.

Lon.

County of Carmarthen

Longnor - 3.

Rain Gauge, by

Observer G. Watkeys Esq C.E.

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	3.5790
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	2.5799
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 Old Market Place

Lat.

Lon.

County of Carmarthenshire

Rain Gauge, by

Observer G. Watkeys Esq C.R.

Loughor &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	3.47	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	3.34	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	4.64	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	48.98	44.85	42.46	40.70	43.453 455 ✓

D D D D D D D D D D

1909 Corrected for wrong day

H.W.B.

RAINFALL at Llanelli Old Market Yard

County of Carmarthen

Observer G. Watkins Esq. M.R.

River Basin Loughor & 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	4.89	
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	1.39	
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	8.80	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	1.54	8.99	8.50	
TOTALS ...	49.21	43.14	55.08	52.71	51.20	43.78	48.20	42.12	54.36	47.51	48.731
	D	D	D	D	D	D	D	D	D	D	

1911 cont'd for 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. Watkeys, Esq.; G.G.

River Basin Loughor - 3

Boro' Engt. Llanelli.

(1926) snowdon

JL-24

{ Howard Rain Gauge, by

tim nearly off and no stem
Replaced by snowdon g. Correctly graduated

nearly new. Glass correctly graduated (Camden)

(1927) snowdon

Diameter ...	5										
Height	120										
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	2.78	1.24	1.90	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	5.47	2.14	2.02
July	7.49	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...	64.47	48.35	55.05	49.15	57.79	61.56	51.72	47.66	57.70	60.82	53.04
	D	D	D	D	D	D	D	D	D	D	D

23.JL-24 Inspected 23.JL-24 g. on side 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	Parish Church.	Distance from gauge
1920	51°44'	4°10'W	Llanelli	.		Old Parish	
1923				1250 yds	S.	Llanelli	135 yds E.

RAINFALL at Llanelli (old market yard.)County of Carmarthen.Observer G. Watkins, M.F. (Borough Surveyor)
J. H. MontgomeryRiver Basin 3- Loughor &c.Type of Gauge Standard.Annual Average 44.6 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S
698415/26

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	52.87
February	5.13	.01	5.38	4.2	4.83	2.41	7.45	2.03	2.88	5.54	36.08
March	1.15	2.23	2.75	3.09	1.08	3.16	3.29	1.19	1.83	3.39	23.16
April	3.31	3.11	1.66	3.31	5.56	2.99	2.82	.06	3.40	2.68	28.90
May	4.18	4.44	2.35	2.34	2.23	.70	2.02	3.67	1.26	1.36	24.55
June	6.32	2.88	2.16	2.26	4.15	3.70	1.45	2.71	2.11	.58	27.55
July	7.89	4.42	2.29	.57	1.05	7.43	2.68	4.08	6.56	4.00	40.97
August	3.62	8.50	1.86	3.74	1.87	1.29	.74	4.17	4.50	.27	23.56
September	3.09	6.05	3.19	4.19	6.32	4.89	3.44	2.15	1.11	1.84	36.27
October	2.04	8.92	7.09	3.89	6.80	2.26	4.21	7.62	3.28	4.67	50.18
November	11.02	3.35	1.15	2.01	8.51	6.39	2.02	6.37	8.31	8.00	56.13
December	3.24	3.67	1.58	11.04	4.02	4.14	3.75	4.35	2.84	3.82	42.45
TOTALS	56.20	46.07	35.49	42.01	47.93	44.73	39.94	44.24	44.80	41.26	442.67

1940 June + July part estd.

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	1250yds. S.		Llanelli	135yds. E.

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

Station No. 4107

RAINFALL at Llanelli (Old Market Yard)

41

County of Carmarthen
 River Basin 3 - Boughor &c.
 Type of Gauge Standard

Observer J. H. Montgomery Esq.
 Llanelli U.D.C. (1944)

Annual Average 44.5 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 698415/26

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	3.3	2.85	.97	3.80	2.57	.77	1.90	1.73	6.04		
March	3.00	1.40	.54	1.48	1.08	7.53	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	.23	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		
November81	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	2.89	3.94		
TOTALS	N.R.	39.10	42.32	31.55	35.53	47.22	35.75	49.57	34.03	42.51	
		D	D	D n.p.	D n.p.	D n.p.	D n.p.	n.p.	mp low	n.p.	

1941 premises used as fire station Gauge moved 20'. (45R. 698415/26)

1944 n.p. 5-6 in. low. Gauge tested by authorities & stated to be sound. Surveyor proposes move of gauge to a new site. (45A)

1945 n.p. 5-6 in. low

1946 n.p. low exposure unorthodox

1947 n.p. site unorthodox

1948 " " "

1950 roof gauge.

* unorthodox site

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	Direction
1944			Llanelli	1250 x	S	Llanelli	135 x	E

Air Ministry, Meteorological Office

Station No. 4107

RAINFALL at Llanelli (Old Market Yard)

County of Carmarthen

Observer Llanelli V.D.C.

River Basin 3 - Loughor & C

Type of Gauge Snowdon

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

File No. 69845/26

Diameter	5"									
Height	12' 0"									
Altitude	35'									
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	4.92	3.25	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	2.48	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	Dnp		Dnp	Dnp	Dnp	Dnp		
	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. roof gauge

1959 Guyp. Mr. O'Kane (7/59) Badly 9/5 by elevated platform to S.S.E. + by gable to S.E. poor unorthodox.

No 9 in poor condition

No annual average worked (1916-50). unorthodox site. *

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 5N(22) 506005

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	Parish Church	Distance from gauge	Direction
1951.			LLANELLY.	1250x	S	Llanelli.	135x	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, 1942-70 1944-50 n.p.	