

RAINFALL AT Llanelli Water Works

70

Lat.

Lon.

County of Carmarthenshire

Rain Gauge, by

Observer E. G. Douglas Esq

Loughor - 3.

Diameter.....							13				
Height							5	-			
Altitude							265				4225
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							2.78	7.70	3.42	1.76	4
February							5.01	4.88	1.78		6.00
March							3.11	3.39	1.88		3.00
April							3.27	3.31	2.83	2.00	
May							3.30	2.81	3.95	2.59	
June							2.56	2.89	1.88	6.37	
July							2.67	4.61	1.81	5.73	
August							4.08	6.93	5.69	8.73	
September							7.21	5.52	3.82	4.48	
October							6.11	5.81	6.52	1.72	
November							(6.00)	8.96	3.76	3.37	
December							6.34	4.01	3.60	1.42	
TOTALS							(58.00)	(9.39)	60.82	40.94	(1.17)

not at all good

1876 Nov. gauge under repair

1877 Small office 10.6 w. high & 13 ft distant from gauge

1879 Gauge broken in Feb: & placed in a different ^{end} position when repaired in April

RAINFALL AT Glanelli Water Works

Lat. _____

Lon. _____ County of Carmarthen

Rain Gauge, by _____

Observer G. Mackays, Esq.

Loughor - 3.

Diameter	4		13						5	
Height	4. 6				5. 0	4. 0	3. 0			
Altitude	216 ft				255 ft	216 ft	240 ft			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	MEANS.
January	94	1.03	3.88	4.43	5.08	2.70	5.09	4.70	2.89	1.75
February	3.65	2.96	3.05	4.70	4.04	3.96	.99	1.35	1.73	3.66
March77	3.18	2.91	.82	3.17	1.46	4.78	3.43	4.04	4.18
April	2.00	1.81	4.06	1.63	2.88	3.15	2.26	1.24	1.26	2.48
May	1.86	2.70	1.64	1.67	2.70	3.32	3.39	1.63	2.39	2.67
June	1.82	1.82	3.08	4.57	1.96	4.01	1.01	.86	4.94	.89
July	6.06	6.06	5.61	4.02	4.05	1.78	6.36	2.79	7.96	3.67
August	1.07	1.07	3.64	1.70	2.04	1.53	1.73	2.02	4.58	4.11
September	3.04	3.04	3.50	7.32	4.64	5.33	4.01	4.85	2.14	3.85
October	3.80	3.86	7.95	4.52	3.16	4.85	6.57	3.55	2.72	4.44
November	3.79	3.79	7.00	6.26	2.14	5.54	5.52	5.10	8.50	4.12
December	6.71	6.71	4.55	2.66	6.60	1.90	6.57	3.45	6.24	5.24
TOTALS	36.51	36.03	52.91	44.30	42.46	39.53	42.28	34.97	49.39	40.76 (42.6116)

(round to be 1/4 in (Glanelli Water 1907))

1880. St. Mary's Church 2 miles S.

1885. Holy Trinity Church 3/4 mile S.

1886. Dec. gauge out of order. amount taken from
old market place.

RAINFALL AT Llanelli Cwmllidiu W.W.

Lat.

Long.

County of Carmarthen

Rain Gauge, by

Observer

G. Hattoys Esq. C.E.

Loughor - 3.

Diameter	5										
Height	30										
Altitude	240 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.73	4.17	3.24	2.45	5.31	5.97	1.93	1.86	3.55	7.52	4.173
February	1.83	.66	2.83	5.72	4.70	.15	.87	6.88	2.70	4.22	3.056
March	2.70	1.57	1.23	1.32	3.75	5.10	5.09	6.38	1.60	1.81	3.056
April	2.23	2.99	2.24	.39	2.53	2.79	1.39	4.74	3.37	5.47	2.814
May	2.33	4.09	1.97	2.21	4.28	.41	.06	1.86	4.14	3.37	2.472
June	3.98	3.95	2.29	2.02	4.02	1.12	1.77	4.94	3.19	.89	2.814
July	4.60	3.34	2.70	4.14	5.47	4.92	3.80	2.50	1.71	3.29	2.647
August	5.51	8.08	4.58	4.48	7.54	6.38	3.56	5.59	4.27	1.55	5.1514
September	2.65	5.94	4.83	2.96	2.53	1.43	7.96	6.08	2.00	2.53	2.891
October	4.31	12.33	4.87	6.94	7.99	4.55	5.03	2.66	8.59	4.89	6.210
November	7.44	4.99	5.17	3.07	8.24	6.29	1.81	3.51	4.52	3.23	4.824
December	2.25	7.86	4.18	5.90	5.01	4.30	8.18	6.56	6.19	4.04	5.447
TOTALS	45.56	59.97	40.13	41.60	61.37	43.41	41.45	53.50	45.83	42.81	447.563

1890 Holy Trinity Church 1/2 mile S

4109
RAINFALL AT Llanelli Complied 1905

Lat.

Lon.

County of Carmarthenshire

Rain Gauge, by

Observer G. Watkeys Esq. CL

Loughor &c - 3

Diameter ..	5											MEANS.
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909		
January ..	6.56	3.39	3.75	5.20	6.43	2.22	8.20	3.29	3.76	2.78	4.558	
February ..	6.86	1.62	1.83	3.47	5.27	1.76	4.10	3.01	3.31	.57	3.183	
March ..	1.89	3.40	3.34	6.61	2.06	6.42	4.07	2.23	5.53	5.26	4.081	
April ..	1.89	4.26	2.81	3.45	3.36	4.61	1.46	4.12	3.06	4.17	3.319	
May ..	2.62	1.36	2.56	3.42	3.37	1.17	8.89	3.35	3.62	1.68	3.154	
June ..	4.25	4.30	5.31	2.04	2.20	2.43	3.07	6.20	1.73	3.07	3.460	
July ..	2.65	2.08	2.91	3.42	4.18	4.16	2.90	4.05	6.50	4.47	3.732	
August ..	4.71	5.63	2.53	8.72	3.28	7.45	4.31	6.59	4.76	2.51	5.049	
September ..	2.72	5.18	2.81	4.72	3.38	2.37	2.03	1.50	5.59	4.41	3.471	
October ..	6.72	4.62	5.50	13.15	4.84	1.95	9.34	9.95	3.84	8.38	6.779	
November ..	5.50	1.62	6.08	4.26	3.96	4.52	5.22	4.21	3.41	2.15	4.093	
December ..	7.15	7.64	3.89	3.98	5.33	2.91	4.19	6.27	7.28	8.85	5.749	
TOTALS ..	53.52	45.10	43.32	62.44	47.66	41.97	57.31	54.77	51.89	48.30	50.628	452

D D D D D D

1909 Corrected for wrong day
 Llanfoeth Church 1000 yards N
 Llanelli Station 3 miles NE 2 SW

Hawley

RAINFALL at Llanelli Carmarthenshire W.W.

County of Carmarthen

Observer G. Watkeysby cl-

River Basin Loughor & C 3

9th Montgomery 1909

Rain Gauge, by

Diameter ...	5											
Height	3.0											
Altitude ...	240 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS TOTALS	
January ...	5.50	2.84	5.82	6.24	3.36	5.53	4.46	2.22	7.01	7.63	21.32	
February ...	5.65	4.57	3.83	2.18	5.58	7.63	5.64	2.99	4.05	4.24	16.92	
March	1.70	3.63	7.65	7.14	7.30	1.71	2.48	3.08	2.48	6.91	14.82	
April	3.40	3.13	.46	6.77	1.90	1.84	2.64	2.76	3.14	2.24	10.78	
May	3.12	1.83	2.25	4.79	3.51	2.61	4.23	3.58	2.23	1.65	11.69	
June	4.08	3.60	6.37	3.79	2.44	2.89	4.03	3.79	1.99	3.12	12.93	
July	5.50	.65	4.19	1.68	6.52	4.20	2.21	5.12	4.93	1.69	13.93	
August	7.97	4.43	9.67	1.97	6.15	2.95	3.56	11.87	3.50	3.23	22.16	
September ..	.37	3.36	.92	4.78	3.67	2.61	3.62	3.60	10.10	3.02	20.34	
October ...	4.12	4.75	6.54	5.94	2.58	4.18	13.00	7.29	5.92	2.77	28.98	
November ...	6.05	7.51	5.61	7.74	5.60	4.53	5.16	4.69	5.04	3.85	18.74	
December ...	7.53	10.21	8.87	3.45	9.50	9.62	4.49	1.74	9.84	6.94	23.01	
TOTALS ...	54.99	50.51	62.18	56.47	58.01	50.30	55.52	52.73	60.23	47.14	215.62	

1911 cont'd for W.D.

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

RAINFALL at Llareddy (Llanelli) N.W.

County of Caernarvon

Observer G.W. Walkers, Esq., C.E.

River Basin 3 - Llyfni

1924 { Howard Rain Gauge, by
late in stem
Glass float bottom.

OLD GAUGE.

Diameter ...	5										
Height	2.3										
Altitude	240										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	6.16	6.45	4.33	3.89	6.12	3.75	8.14	6.00	11.29	3.90	9.26
February ...	2.21	2.20	4.10	8.91	6.61	8.38	5.96	4.96	6.08	2.02	.92
March	6.04	4.35	3.84	2.40	2.93	1.18	1.08	5.29	4.40	1.94	3.40
April.....	7.66	1.54	3.24	3.57	3.76	4.29	2.22	2.27	1.45	1.44	3.53
May	4.95	2.49	2.32	3.55	4.05	6.32	2.98	2.51	1.14	4.75	3.00
June	4.85	.09	1.69	1.20	3.91	.00	2.65	5.37	6.15	2.33	2.31
July	8.51	3.10	6.66	3.41	5.93	2.79	4.57	4.19	3.65	4.06	5.47
August	9.46	6.53	5.62	6.94	5.80	6.33	6.02	8.30	5.02	4.43	7.37
September...	7.94	2.42	6.06	5.44	5.34	4.41	1.51	7.93	3.10	.77	6.17
October.....	7.29	3.03	1.66	8.11	6.88	6.47	3.73	3.80	9.86	7.47	8.47
November...	8.30	4.11	2.30	5.77	4.12	4.43	10.68	6.94	8.30	13.63	5.58
December...	5.20	4.25	6.03	6.19	8.71	4.32	.62	4.37	6.40	10.89	8.28
TOTALS...	67.57	38.58	47.85	59.38	58.21	52.67	50.16	61.93	66.84	57.63	63.76

1920-30
Totals624-58
1930

Inspected 23.01.24 & badly sealed by beam stalks (erected 6 days previously). The position in the kitchen garden would be good in vegetable left away from gauge. Recommended new gauge, 1 ft. above ground, in centre of garden with no over-shielding.

1930, N. S. check gauge. Brewer told record not required in future
Excl. 16A 698415/26

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1920	51° 41' 47.10" W	Llareddy		3 mi	1923 N.N.E.	Holy Trinity, Felinfach	15.4074 S.E.

RAINFALL at Llanelli (Llanelli) (W. W.)

County of Carmarthenshire Observer G. Watkins, Esq., C. C.

River Basin Dinefwr - 3.

Rain Gauge, by

New Gauge.

Diameter										5
Height										1 1
Altitude										240
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January										3.91 9.30
February										2.02 .93
March										1.94 3.38
April										1.43 3.54
May										4.75 2.85
June										2.32 2.30
July										4.03 5.49
August										4.41 7.87
September										.77 6.16
October										7.45 8.46
November										13.65 5.60
December										10.88 8.26
TOTALS										57.56 63.64

1929. - See Enclo. 12 A F. 698 415/26)

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
1929.			Llanelli	2 1/2 m.	N.N.E.	Talinfoel	1540 yds.	S.E.

RAINFALL at Llanelli (Cornwall water works) gauge.

County of Carmarthen.

Observer

C. Waterup, G.E. (Borough Surveyor)

River Basin 3- Loughor &c.

J. H. Montgomery

Type of Gauge Standard.

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

698415/26

Diameter	5.											1921-48 Means Totals
Height	1. 1.											
Altitude	260											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	5.74	7.16	3.81	5.74	1.51	6.76	6.64	7.41	7.47	5.64	57.86	
February	6.01	0.02	5.16	.50	5.46	2.54	8.68	2.65	3.75	5.78	40.55	
March	1.34	2.66	3.29	3.65	1.10	3.62	3.06	1.43	2.18	3.91	26.24	
April	3.19	3.61	2.14	3.95	5.60	3.62	3.41	.14	3.61	2.86	31.93	
May	4.63	5.08	2.19	2.98	2.57	.82	2.43	4.43	1.71	1.53	28.37	
June	5.92	2.61	2.63	2.90	5.51	3.54	1.82	3.61	2.84	.67	31.95	
July	7.87	4.90	2.61	1.07	1.45	8.23	3.64	5.27	9.29	4.19	48.42	
August	4.11	1.67	2.27	4.38	2.44	2.33	2.03	4.41	5.52	.54	29.70	
September	3.63	6.16	4.59	5.02	7.31	5.32	3.96	2.39	2.08	2.43	42.89	
October	2.25	10.22	8.17	4.88	7.94	2.92	4.25	8.58	2.68	5.38	57.27	
November	11.33	4.00	1.42	2.44	9.53	6.41	2.63	7.78	11.75	10.53	67.72	
December	3.70	4.38	1.88	12.16	4.29	4.56	4.06	4.98	3.66	4.88	48.54	
TOTALS	59.72	52.37	40.16	49.66	54.71	50.57	46.41	52.98	56.54	48.34	511.46	38

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	2 1/2 m.	N.N.E.	Felinfach	1500 yds. S.E.

Station No. 4109

41

RAINFALL at Llanelli (Cwmllidi Water Works)

County of Carmarthen

Observer T. H. Montague Esq.

River Basin 3-borough + c.

Llanelli U.D.C. (1944)

Type of Gauge Standard

Annual Average 42.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915. Ref. A.W.S.

File No. 198415/26

Diameter	5			499	320						
Height	1	1				1					
Altitude	240					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	4.11	6.66	7.38	5.31	4.49	5.59	4.00	9.40	2.78	1.85	51.57
February	4.98	4.44	3.43	1.70	6.89	3.78	1.66	2.75	9.30	7.69	35.62
March	3.10	3.83	1.89	7.14	2.91	1.52	9.76	2.46	9.82	2.28	31.31
April	1.64	2.43	2.04	3.62	2.65	1.50	3.82	2.70	3.58	3.15	27.13
May	2.85	6.00	4.57	1.86	3.71	3.63	3.34	2.78	3.42	1.98	34.14
June	1.13	6.3	5.30	3.52	5.88	5.99	2.59	4.02	.52	2.91	32.49
July	3.23	5.44	3.47	3.18	5.65	2.62	5.39	3.19	1.16	4.65	37.88
August	6.28	5.07	5.33	4.40	3.03	7.22	.69	9.12	3.78	9.20	54.12
September	5.58	4.43	6.52	5.53	4.47	9.09	2.53	6.32	1.18	9.75	50.40
October	5.48	5.86	6.81	7.45	4.98	3.82	1.73	6.20	9.35	4.33	56.01
November	3.91	1.01	4.30	9.08	.88	9.30	5.86	4.70	8.01	7.15	54.20
December	4.73	6.97	2.79	4.53	7.51	5.67	5.63	7.68	5.34	4.81	55.66
TOTALS	42.02	48.77	53.83	50.92	52.95	59.73	47.00	61.32	44.24	59.75	520.53

4.0.78
4 4

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	Parish Church.	Distance from gauge
1941			Llanelli	2.5 mi	N.N.E.	Telinfoel, Llanelli	1540 yds SE.

Air Ministry, Meteorological Office

RAINFALL at Slaneley (Cwmlledi) Water Works
 County of Carmarthen Observer Slaneley V.D.C.
 River Basin 3 - Loughor & C
 Type of Gauge Snowdon

Annual Average 8.71 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.
 " " 53.49 " " 35 " " 1916-50 " " 1916-50 " 608415/26
 File No.

Diameter	5"		499	320							
Height	1' 1"				1						
Altitude	240'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	7.28	2.24	4.58	3.55	6.71	4.55	5.00	5.09	6.45		
February	4.08	3.66	6.23	3.70	0.63	4.37	5.76	0.98	5.08		
March	6.63	3.75	4.15	4.01	2.20	6.50	1.46	4.20	2.73		
April	3.78	3.34	1.91	4.40	1.64	.64	1.29	4.40	4.64		
May	3.04	3.74	3.47	3.79	1.62	2.21	4.08	1.48	2.61		
June	1.30	2.14	6.10	6.80	3.23	2.27	5.00	4.31	2.50		
July	1.11	7.06	7.06	0.96	4.14	5.39	5.44	3.00	7.09		
August	7.34	5.43	7.12	0.83	6.78	3.69	4.80	2.09	8.13		
September	4.49	6.35	5.76	3.13	6.57	10.39	10.14	0.58	8.07		
October	1.39	3.97	10.09	2.77	1.91	5.29	5.07	7.79	7.69		
November	9.78	5.65	10.96	3.88	1.87	3.17	4.80	10.36	9.73		
December	4.74	2.01	5.48	7.82	5.71	3.67	4.93	9.58	6.36		
TOTALS	64.96	49.34	72.41	45.64	43.01	52.16	57.77	53.86	71.08		
	D	D	D	D	D	D	D	D	D		

1957 Imp. Mr. O'Kane (4/57) 0/5 site. Eng. asked to lop trees. Only good site at 19108 Filter beds.

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference: SN(22)519031

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction from gauge	Parish Church	Distance from gauge	Direction from gauge
1951. 65			Slaneley. "	2 1/2 m	NNE. " S.S.W.	Felinfach.	1540 x 2 1/2 m	S.E. 5

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
	✓	✓	✓	✓	
	✓	J.B.W. 1925 Blank	✓	✓	