

RAINFALL AT *Clanbedry-Cennin, Clyndulyn*

Lat.

Lon.

County of *Carnarvon*

Rain Gauge, by

Observer *T. F. Marks, Esq., C.E.*

Conway - 2.

Diameter		8									
Height		1. 6									
Altitude		1622L									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January		3.00	6.45	11.20	11.85	5.40	11.52	4.20	4.35	4.45	
February		5.90	6.80	14.30	18.60	15.10	8.04	6.65	3.95	6.30	
March		1.10	5.75	10.15	3.40	9.80	6.30	5.35	3.10	5.40	3.70
April		4.95	1.75	6.20	5.45	2.70	6.95	7.80	5.40	6.70	10.35
May		2.10	5.75	8.65	6.20	5.95	6.50	11.85	8.00	3.30	5.80
June		6.00	5.50	11.80	5.65	2.26	1.50	3.40	2.15	7.55	1.30
July		11.09	2.10	11.70	9.55	10.53	3.85	11.25	6.15	12.30	3.75
August		2.65	9.50	8.00	7.45	1.95	9.35	6.40	8.90	6.60	20.70
September		7.25	1.85	4.45	14.45	6.50	9.35	11.20	9.80	1.65	7.40
October		6.95	4.75	6.25	12.60	8.00	15.65	14.55	11.55	8.15	11.90
November		8.70	14.80	15.50	9.60	7.05	8.00	11.75	6.15	7.65	5.90
December		8.10	12.20	6.50	10.80	15.35	7.75	15.40	8.40	9.25	10.65
TOTALS		67.80	72.85	102.5	111.15	100.53	95.70	118.51	80.45	76.85	92.20

1881. *Clanbedry-Cennin* 4 miles N.E

1883. *Clyndulyn* 100 ft high $\frac{1}{2}$ m. N.W.

Jan & Feb 1880 estimated from *Clanbedry-Cennin*

RAINFALL AT *Llanbedr-y-cennin Llyndulyn*

Lat. _____

Lon. _____

 County of *Llanarvon*

Rain Gauge, by _____

 Observer *J. J. Marks Esq. CL.*
E. G. Stephenson Esq. C.P.

Conway 2.

Diameter	8											
Height	16											
Altitude	1622 ^T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	18.55	7.85	5.30	6.70	13.85	4.65	3.15	2.55	3.25	13.47	7.932	
February	3.05	1.20	7.65	9.70	9.25	.00	1.80	7.25	5.10	8.45	5.345	
March	7.30	6.45	2.65	4.25	6.05	14.90	13.00	10.80	3.70	4.18	7.328	
April	5.35	5.05	5.95	.50	4.35	9.15	5.85	6.90	4.65	10.01	5.776	
May	10.25	7.90	8.95	3.05	7.80	1.95	2.95	1.35	5.00	6.94	5.611	
June	9.20	8.65	8.60	6.90	5.45	2.30	4.00	6.60	5.05	3.50	6.015	
July	6.65	8.40	7.05	6.55	6.85	9.45	9.55	2.10	1.25	2.98	6.083	
August	13.55	15.30	10.45	7.20	11.80	6.65	7.45	9.02	6.20	2.39	9.001	
September	4.35	11.30	9.20	16.40	1.70	2.25	14.45	10.95	4.75	7.45	8.280	
October	10.40	19.80	21.60	7.50	12.45	12.50	10.80	5.30	8.25	6.65	11.525	
November	31.95	15.00	6.50	9.05	10.75	18.45	3.20	6.95	6.60	15.18	12.262	
December	3.80	22.65	7.15	13.10	10.50	7.60	11.35	13.00	8.65	4.34	10.214	
TOTALS	124.40	129.55	101.05	90.80	100.80	89.85	87.55	82.77	62.45	85.54	95.476	

1890 Llanbedr-y-cennin Church 4 miles NE

Craig Duly 600 ft high 1/2 mile NW

Jan'y 1st New Gauge on site of old one

J. R. Gethin Jones states that in the summer of 1892 an iron fence 6 ft square and 5 ft 6 in. high was fixed round the gauge and the amount caught by the gauge was thereby reduced 20%. This is borne out by comparison with the records at surrounding stations.

Comparison with Mr G. Jones's g.

	Inside railings	3 ft raised outside railings
1899 Apr.	9.74	12.08
May 5	.73	1.00
12	.78	.80
25	5.43	6.50
Total	16.68	20.38

RAINFALL AT

Llanbedr-y-Cennor Llyndwyl

Lat.

Lon.

County of *Llanarfon*

Rain Gauge, by

Observer *E. P. Stephenson Esq. C.E.*

Conwy TC - 2.

Diameter ..	8										
Height	1 6										
Altitude ..	1622 T			1632							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	10.97	7.26	8.85	14.05	4.82	8.19	15.83	9.34	10.60	6.80	9.671
February ..	7.70	2.83	2.89	17.56	13.23	5.20	12.82	5.70	11.20	5.05	8.418
March	2.04	11.17	6.45	18.65	2.99	12.80	7.59	7.55	11.05	11.70	9.199
April	5.12	10.53	5.53	5.10	10.65	6.93	3.20	4.61	4.10	8.90	6.467
May	4.51	3.49	11.40	5.63	3.30	4.90	8.97	6.36	5.05	2.58	5.619
June	3.75	8.25	4.70	2.76	6.38	4.24	4.02	11.11	6.75	4.05	5.601
July	2.79	3.15	5.54	5.47	5.77	5.46	2.18	3.85	6.65	11.15	5.201
August	11.67	12.84	6.33	10.72	8.45	9.91	12.85	8.26	5.05	8.60	9.468
September ..	3.71	5.97	5.92	10.99	4.36	6.07	2.25	1.40	12.44	8.05	6.116
October	10.82	9.28	7.55	20.30	5.31	7.90	15.23	15.58	3.20	13.50	10.877
November ..	11.96	13.98	7.83	14.32	7.83	16.60	7.22	6.82	11.75	5.65	10.396
December ..	12.53	10.65	14.95	9.25	9.47	3.93	8.55	10.33	10.40	12.47	10.253
TOTALS ..	87.57	99.40	87.94	134.80	82.56	92.13	100.71	90.91	98.34	98.50	97.286

10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2

H. 10.2

RAINFALL at Llanbedry-y-Cwm LlysdulynCounty of CarmarthenObserver W. J. WardleyRiver Basin Conway & C 2Rain Gauge, by N+3

Diameter ...	8										
Height	1.6										
Altitude ...	1632										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	12.40	4.11	6.85	8.40	7.13	10.24	7.15	4.93	8.50	6.70	
February ...	14.38	5.90	5.27	4.42	9.45	9.61	9.45	1.90	11.72	3.67	
March	5.47	3.87	14.35	8.40	11.25	2.67	4.55	4.73	3.87	6.64	
April	4.85	6.05	1.02	7.96	2.98	4.90	7.45	7.40	2.35	6.50	
May	5.97	2.75	2.12	4.88	5.65	3.27	5.18	6.30	6.40	8.33	
June	6.04	10.37	6.41	5.17	2.58	.68	2.85	3.35	5.06	6.31	
July	6.88	2.51	10.31	2.58	6.82	5.54	3.85	2.20	5.73	4.96	
August	8.99	5.43	13.00	3.03	3.65	4.78	4.87	14.00	3.53	9.35	
September ..	2.16	5.57	4.38	5.77	4.15	4.01	5.94	5.70	13.50	5.70	
October ...	9.28	9.09	8.08	6.71	3.53	2.05	10.20	16.63	6.83	6.45	
November ..	9.54	10.38	8.41	8.83	6.97	2.90	14.28	6.87	6.45	4.20	
December ...	19.85	16.53	11.07	11.11	15.81	11.05	5.05	4.65	10.73	16.20	
TOTALS ...	105.81	82.56	91.27	77.26	79.77	61.70	80.82	78.66	84.67	78.51	82.103
	D						+2		+2	W	

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

RAINFALL at Llanbedr-y-barnir (Llynudwyn)

County of Casper,

Observer *W. L. Ward Esq.*

River Basin Conway - 2

Engt & Surveyor / Land into UDC.

Rain Gauge, by *N. A. J.*

Wechsler

(old gauge)

Diameter ...	8"												
Height	1.6												
Altitude ...	1632												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		
January ...	8.10	10.01	13.08	7.95	8.55	5.72	6.42	8.20	14.54	4.24	10.97		
February ...	8.55	1.87	8.40	7.56	2.07	9.35	4.21	1.00	7.89	1.54	1.82		
March	12.52	8.63	3.65	6.83	2.10	3.81	1.60	14.56	6.33	1.35	2.48		
April	10.40	2.58	5.31	2.15	4.80	3.50	3.07	3.16	2.66	3.13	7.98		
May	6.84	2.14	2.22	5.19	7.71	5.08	4.95	3.04	3.24	5.35	5.23		
June	4.07	1.02	2.90	2.70	3.68	.38	3.54	7.47	9.75	3.17	3.27		
July	11.98	3.76	3.92	2.17	5.08	3.87	6.84	8.52	3.69	3.57	12.97		
August	7.56	8.05	3.34	8.20	6.50	4.98	4.74	13.01	7.23	8.49	11.76		
September...	5.53	1.71	6.82	7.36	8.07	8.90	3.70	12.86	3.52	4.08	8.76		
October	4.00	4.67	.88	9.77	4.48	9.00	4.70	11.82	15.35	15.82	18.25		
November...	2.65	3.96	4.17	10.24	1.67	4.80	9.41	13.37	17.34	19.24	13.00		
December...	8.13	6.90	9.63	4.55	10.78	7.70	2.37	3.06	7.56	11.53	14.95		
TOTALS...	90	87.31	88.30	64.32	75.67	65.99	67.03	55.55	100.17	99.10	81.51	111.44	

1925 Not printed
1926. " " Low. gauge over exposed.
1927. " " "

Inspected September 1926 see green file

1928 $\frac{1}{2}$ p. overexposed.
1929. 4 printed.

Position of Station on reduced Ordnance Survey } No. of Map
 Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from	Direction
			Tah, cafr					

RAINFALL at Glendalough - 2nd Canon (Glendalough)County of CannavanObserver W. J. Leach, Esq. B.E.River Basin Canavan - 2Rev. J. Leach, Esq. B.E.Rain Gauge, by J.O.

(New Gauge)

Diameter	.....										8	
Height	.....										10	
Altitude	.....										1632	
Year	.....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	.....										4.32	11.58
February	.....										1.64	1.87
March	.....										1.37	2.74
April	.....										3.26	8.54
May	.....										5.42	5.62
June	.....										3.50	3.73
July	.....										4.21	14.10
August	.....										9.00	12.28
September	.....										4.16	9.08
October	.....										16.19	19.20
November	.....										19.63	14.62
December	.....										11.72	15.61
TOTALS	.....										84.42	118.97

1929. New site as recommended by Inspector in Sept. 1928
on the grassy land upstream from old g. position.

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	Direction

$$\underline{786149} \overline{) 27}$$

RAINFALL at Slanebr. y. Connin (Hyndaleyn) new gauge.County of GarranObserver W.F. Ward, L.E.River Basin 2 - Conway & c.

Type of Gauge.....

Annual Average 102.7 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. Enc 64A in fAverage based on overlap with old gauge.786149/27

Diameter	8.										
Height	1.0										
Altitude	1632										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	10.59	19.37	15.60	14.05	7.53	15.35	14.82	18.03	20.96	2.86	13916
February	12.85	19	4.95	1.72	15.88	6.15	14.09	6.73	10.82	8.05	8143
March	2.53	7.73	14.36	7.07	327	10.23	9.26	7.60	13.76	6.74	8360
April	14.40	10.44	2.69	5.60	10.20	3.60	6.93	1.90	6.91	5.35	6802
May	7.38	6.64	3.62	8.86	3.54	1.96	2.50	3.50	2.04	3.49	4353
June	9.36	1.81	8.40	3.81	7.39	11.47	4.69	11.60	5.34	2.25	6612
July	5.73	12.25	6.31	3.14	3.53	10.86	3.66	8.21	9.26	7.51	6926
August	14.05	2.77	3.66	15.08	2.17	4.52	2.13	3.92	2.96	3.81	5507
September	8.58	9.48	3.61	(11.08)	13.50	10.50	5.76	6.10	9.26	9.38	8028
October	5.16	16.54	10.21	20.77	19.31	11.82	6.33	14.40	7.40	12.53	2447
November	25.47	7.94	4.41	6.52	17.16	14.82	3.24	19.00	14.73	15.88	12927
December	8.30	12.33	1.62	22.09	9.45	21.75	7.85	11.60	8.70	8.69	11238
TOTALS	124.45	107.49	78.44	119.79	112.93	122.73	81.36	112.69	105.14	86.54	105156

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.			Talysefn (L. in S. E.)					

Station No. 4352RAINFALL at Hambrook, Glamorgan (Hynddefryn) Stn.

41

County of GlamorganObserver W. J. Ward Esq. C.E.River Basin 2. Conway & C.J. A. Edwards

Type of Gauge.....

Annual Average 93.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.File No. 786.149.27

Diameter	8										
Height	1 6										
Altitude	632										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.08	7.18									
February	8.75	9.30									
March	7.67	7.16									
April	4.66	7.41									
May	6.33	8.93									
June	9.6	10.2									
July	3.78	10.15									
August	9.79	10.42									
September	2.38	10.11									
October	8.32	10.84									
November	7.13	3.14									
December	6.71	13.54									
TOTALS	69.56	99.20									

Reading from this g. not required - reading for low. Record terminated 1942.
 1942 mp low. - monthly totals not adjusted for date of reading. SER 4353

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.

BRITISH RAINFALL ORGANIZATION

Station No. 4353

RAINFALL at Hamberley, Connin (Hymndulyn) Newq. 41County of CarmarthenObserver W. T. Hart, Esq., C.E.River Basin 2 - Conway, S.C.

Type of Gauge

Annual Average 102.2 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. Enc. 64A in file

Average based on overlap with old gauge

File No. 786149/27

Diameter	8					536	248				
Height	1' 0"			1' 6"			1				
Altitude	1632						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.21	12.78	18.43	15.68	4.86	14.15	16.10	20.29	9.95	6.95	12.40
February	10.03	7.22	9.87	4.33	7.61	17.59	(2.00)	9.63	6.15	13.63	88.01
March	8.24	7.33	3.73	2.38	3.92	3.45	(15.20)	6.70	5.73	7.45	64.13
April	4.99	7.35	4.37	3.48	5.46	1.31	10.38	8.77	9.06	10.60	65.77
May	6.78	9.87	11.60	3.79	5.07	4.42	6.54	14.42	5.04	2.65	60.18
June	1.01	0.95	7.41	5.02	6.11	9.46	5.09	13.99	1.41	4.03	54.48
July	4.07	10.21	6.45	6.63	6.22	6.27	7.03	9.01	3.20	6.77	64.86
August	10.52	11.38	9.07	2.90	3.27	9.84	0.87	10.31	3.51	13.66	77.33
September	2.53	10.93	11.75	17.28	6.92	10.91	7.23	9.95	2.95	19.09	99.54
October	9.26	12.43	9.71	14.11	9.76	2.15	1.94	6.58	15.92	8.41	90.34
November	7.81	3.31	7.41	17.80	1.78	14.81	13.11	5.46	12.88	13.31	97.68
December	7.51	14.63	6.97	15.65	11.05	14.70	6.74	16.84	14.76	9.23	118.08
TOTALS	75.96	108.39	106.77	109.05	72.03	109.06	92.23	120.95	92.63	115.78	1002.85

1942-3, monthly totals adjusted for date of reading: 7.9.45

1945 Jan & Feb. apportioned

1947. Feb & March apportioned.

40004

30004

70.5 106 96 118

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.

BRITISH RAINFALL ORGANIZATION

Station No. 4353

RAINFALL at Blambeth - y. Perrin (Hlyndullyn) ng. 51

County of Pennsylvania

Observer (J. A. Edwards, Esq. CE)

River Basin 2 - Conway & C.

Engineer at Blambeth

Type of Gauge HO Mk II. piston

Blambeth WDC

Annual Average 102.1 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. file

" " 105.89 " " 26 " " within 1930-57 " " 1916-58 File No. 19614912

Diameter ...	8"				536	248				8"	
Height ...	1' 6"					1				10"	
Altitude ...	1632					51				1632'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.65	8.25	3.43	9.01	7.09	8.68	11.28	11.67	12.79	18.18	96.03
February ...	20.50	8.06	8.10	9.47	6.13	0.35	16.12	16.10	2.01	11.86	98.70
March ...	10.12	4.19	3.82	9.02	4.13	8.09	7.46	3.25	6.14	4.85	61.07
April ...	8.84	5.59	9.84	3.43	4.45	3.07	1.03	3.50	11.04	7.21	57.50
May ...	4.90	3.51	6.85	7.70	11.00	2.00	6.12	11.08	2.50	3.36	60.02
June ...	3.63	8.60	4.75	6.55	6.93	8.18	1.83	6.41	4.54	4.90	56.82
July ...	5.35	5.96	8.37	12.14	1.83	12.89	18.02	9.46	4.94	4.78	88.74
August ...	10.19	7.32	5.80	11.91	1.85	19.23	13.64	6.39	1.77	6.92	85.02
September ...	12.74	10.30	10.92	9.20	5.86	8.59	15.64	13.09	1.39	9.16	96.89
October ...	1.50	14.20	5.87	21.52	9.71	8.51	12.43	10.21	15.88	9.24	109.53
November ...	18.45	10.36	9.80	16.00	5.49	6.62	5.28	8.65	17.82	21.71	117.17
December ...	20.91	8.66	4.08	13.63	9.54	13.59	13.31	7.83	18.55	15.86	125.96
TOTALS ...	122.68	95.00	81.63	129.58	74.06	100.80	122.16	105.14	99.37	123.03	1053.45
			W	W	W	W	W	W	W	W	10

1957 Foot Grach Mountain 3195' at 1 mile WSW

Inspected 10.8.60 by H.H. Blather. The 2 gauges read accurately and first of month. o/c E → NE otherwise reasonable - time will right improve. [2nd gauge some 40 yds NE and more o/c]

Gauge defect as recommended. The 1st gauge more accurately as (has record of the time). (date of 2nd gauge 2/12/60)

1951 Feb too big? Suspect Feb + March OK as approximate. 8/1/70

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SH (23) 706663

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910-19 1911-15 1916-19 1917-19 1918-19	1920-29 1929-30 -	1931-32 1933-34 1935-40 -	1941-50 -	