

## RAINFALL AT Deganway y Berfa

Lat. ....

Lon. ....

County of

Carmarthen

Wilson's Self-reporting Rain Gauge, by Beck  
Conway &c - 2.

Observer Willoughby Pardoe Esq

Diameter ..					8						
Height ..					1 0						
Altitude ..					30 ft						
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EANS.
January ..					3.10	1.57	3.47	1.17	2.50	1.81	
February ..					3.80	1.74	2.52	1.18	3.82	.87	
March ..					1.84	3.03	2.23	1.62	2.20	2.27	
April ..					1.63	1.46	1.04	1.37	2.94	2.61	
May ..					1.66	.47	3.59	1.92	2.23	.94	
June ..					1.85	2.78	1.48	2.81	2.35	2.03	
July ..					2.95	2.42	1.00	1.83	2.20	3.66	
August ..					5.06	2.45	3.48	3.08	2.36	3.03	
September ..					1.23	1.25	.83	.33	3.25	3.28	
October ..					1.88	3.30	5.29	5.83	.95	5.32	
November ..					1.82	4.49	2.11	2.46	3.86	1.68	
December ..					2.29	.51	2.29	2.23	2.25	4.55	
TOTALS ..					29.11	26.47	29.32	25.83	29.91	32.05	

Deganway Station 1/2 mile S.E.  
Home 267 ft high 267 ft E

## RAINFALL at Deganwy &amp; Berfa

County of Caernarvon

Observer W. J. G. Farmer Esq.

River Basin Conway &amp; C 2

Self-recording Rain Gauge, by

Diameter ...	[18]						5				
Height .....	10						10				
Altitude ...	307						35				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.74	.73	2.56	3.70	1.60	3.58	1.49	1.18	3.13	3.43	
February ...	3.70	2.56	2.55	.96	2.81	3.55	4.65	1.18	3.15	1.76	
March .....	1.80	1.68	3.31	3.07	2.71	.77	2.54	2.88	.85	5.96	
April .....	3.48	1.75	.44	3.23	.90	1.89	1.58	2.88	1.04	2.18	
May .....	1.76	1.28	1.20	1.87	1.60	1.97	3.17	1.67	3.75	1.84	
June .....	2.52	2.86	3.68	2.27	1.82	1.16	2.46	2.14	1.67	1.94	
July .....	3.64	1.32	4.00	1.54	3.17	2.91	1.46	1.14	2.96	1.94	
August.....	3.57	2.56	5.31	1.86	1.74	3.82	1.79	5.97	1.76	3.58	
September ..	.45	3.59	1.11	3.88	2.09	1.03	3.27	1.02	8.20	2.45	
October ...	3.44	3.30	3.57	2.37	1.16	1.82	3.91	5.99	2.28	2.93	
November ..	5.81	2.25	2.13	3.08	2.70	3.37	3.54	2.43	3.46	2.65	
December ...	4.88	6.22	2.79	.57	6.16	6.86	1.94	1.75	2.70	6.10	
TOTALS ...	37.29	30.10	32.65	28.70	27.96	32.73	31.78	29.43	34.95	36.16	32.175

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

## RAINFALL at Deganwy (Y Berlle) R.

County of Caernarvon.

Observer Willoughby Gardner, Esq.

River Basin

2 - Conway.

~~Self Recording~~  
(1926) Snowdon

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1.0										
Altitude ...	95										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del>
January ...	2.69	4.36	3.32	2.25	2.76	2.22	3.19	2.56	5.47	1.29	5.81
February ...	2.98	1.49	4.20	5.16	0.8	5.15	1.29	2.02	3.70	1.15	3.89
March .....	5.94	2.08	2.28	0.95	.93	1.02	.62	4.90	2.12	2.20	3.23
April.....	3.78	1.22	2.81	1.74	2.10	1.76	1.23	1.22	1.04	1.40	3.51
May .....	2.89	1.79	.26	3.08	4.12	3.00	2.54	1.30	.84	1.85	1.53
June .....	3.28	.16	1.37	0.51	2.33	.07	1.96	2.96	3.92	1.91	1.14
July .....	6.23	1.52	3.19	2.06	3.69	2.79	2.66	2.98	1.66	1.95	2.20
August .....	3.83	3.34	2.35	2.83	3.19	2.16	4.52	6.21	2.47	2.46	3.16
September...	3.88	1.01	2.18	3.59	4.21	4.25	2.69	5.60	1.71	1.80	2.38
October.....	1.80	2.54	16	5.77	3.14	4.25	3.57	2.83	4.91	4.05	4.24
November...	1.30	1.52	.85	5.57	1.30	3.25	4.75	4.64	4.29	7.38	5.57
December...	2.48	3.55	5.99	3.31	5.14	3.12	.83	1.11	2.97	7.08	5.18
TOTALS	42.08	23.58	28.96	36.82	33.49	33.05	30.05	38.33	35.16	32.52	38.34

Previous to 1916 records from a mechanical gauge.

1927. Houses below angles of 45°

33464

1930. Library buildings 18' ft. high 25' N.E.  
9. read 9. a.m.

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
1924/27.			Deganwy	765 yds	NNW.

## RAINFALL at Deganwy (Y Berlfa)

County of Carnarvon Observer Willoughby Gardner

River Basin. 4-Conway &amp;c.

Type of Gauge Standard

Annual Average 31.2 in. based on 10 years obs. un-weighted. Period of average 1981-1915

Ref. 156210132

Edu. 6881

741554 / 27

Diameter	5.											
Height	1.0											
Altitude	35.											
Year	1981	1982	1983	1984	1985	1986	1987	1988	1989	1940	Means	
January	2.35	4.51	3.93	3.11	2.16	4.68	3.75	3.54	6.87	2.50	3.750	
February	3.07	1.10	3.05	1.10	2.89	2.40	4.66	1.07	2.30	3.03	2.297	
March	1.78	1.73	1.83	2.37	1.76	2.79	2.04	1.73	2.32	1.89	1.824	
April	3.33	4.00	0.64	1.63	1.92	1.30	1.96	1.33	1.91	2.19	1.921	
May	2.14	3.06	1.56	3.07	1.50	3.27	1.82	2.06	0.96	2.80	2.234	
June	3.17	1.81	1.92	1.95	3.71	4.00	1.08	3.89	1.55	1.88	2.196	
July	1.75	4.72	1.28	1.48	5.3	2.85	1.95	2.94	4.01	3.72	2.331	
August	5.07	2.36	1.60	3.78	2.15	1.73	1.45	2.62	1.45	7.02	1.90	
September	3.80	2.80	1.60	2.33	4.95	3.22	1.42	1.92	0.50	2.71	2.525	
October	1.54	4.20	4.66	4.13	5.93	2.10	3.87	4.93	2.58	3.76	3.760	
November	5.83	2.12	1.36	1.73	4.01	3.81	1.29	3.90	4.59	5.88	3.522	
December	1.65	2.08	1.29	4.89	1.87	4.95	2.46	4.34	2.64	2.17	2.834	
TOTALS	34.48	33.48	24.92	28.57	32.38	35.80	26.75	33.27	31.76	32.23	31.36	KM

1931. Building 18' high, 25' N.E.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Deganwy.	1/2 m.	N.N.W.	Deganwy	1/4 m.	N.N.E.

Station No. 4358

## RAINFALL at Deganwy (Y Berfa)

41

County of Caernarvon

Observer

River Basin 2 - Conway &amp;c

W.H. Gardner Esq  
M.A.S. W.H. Gardner M.B.E. Gardner (1951)

Type of Gauge Standard

Annual Average 31.2 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. 15021.0.02

File No. 744554.27

Diameter	5		536	699		5"					
Height	10			1		1' 0"					
Altitude	35			41		35'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.92	3.79	4.31	4.36	1.88	4.24	5.47	6.10			
February	3.66	1.10	2.83	1.35	2.58	4.21	.94	1.26			
March	2.58	3.11	1.27	0.73	0.75	1.19	5.42	1.45			
April	1.81	1.49	3.48	1.05	1.38	1.17	2.97	1.20			
May	2.09	2.82	2.78	1.20	3.12	1.52	3.51	0.95			
June	0.80	0.36	2.15	1.90	2.05	2.73	2.73	3.45			
July	1.12	2.38	1.95	2.22	1.32	1.66	1.58	1.51			
August	3.04	(2.50)	2.72	1.46	0.60	1.52	0.39	2.71			
September	(6.83)	(2.71)	4.48	(3.25)	1.50	6.95	1.90	2.68			
October	(4.00)	4.28	3.78	4.08	5.11	0.95	0.53	2.10			
November	1.64	0.79	2.47	6.55	0.36	3.48	4.15	1.45			
December	1.71	4.61	1.95	2.89	3.55	4.43	1.65	4.55			
TOTALS	25.20	29.94	34.17	31.04	24.20	34.05	31.27	29.41	N.R.	N.R.	8

1941 Sept + Oct app.

1942 Aug + Sept apportioned.

1947 return revised 11.12.47

1950 Terminated because of obs. ill health. Line 51A fl. 721554/17

1951 Return re-commenced by Mrs. Gower. See also 52 in above mentioned file

00144 00344

00104

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

BRITISH RAINFALL ORGANIZATION

Station No. 4358

51

RAINFALL at Deganwy (Y Berlfa)

County of Caernarvonshire Observer Mr. Willoughby Gardner

River Basin 2-Conway &amp;c.

Type of Gauge Snowdon (N2)

Annual Average 31.2 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref file 15-6210/2

File No. 741 554/27

Diameter ...	5"				536	699		5'		
Height ...	1' 0"						1	10"		
Altitude ...	35'						51	35'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	100	3.40	0.90	2.17	2.50	2.65			5.39	3.7
February		2.17	1.85	1.84	1.80	0.30			4.06	
March		0.89	100	2.30	1.40	1.29			1.71	
April		0.95	100	2.25	0.90	1.45			1.10	
May		1.78	1.70	1.52	1.75	0.75			1.37	
June		100	1.90	100	2.75	2.15	1.20		0.40	
July		1.40	1.29	1.35	2.53	0.50	3.95		1.62	
August		3.25	2.80	2.85	3.09	1.05	7.95		2.13	
September		2.15	3.20	4.00	2.48	1.26	2.60		4.31	
October		0.90	3.78	2.50	5.24	2.15	1.25		3.57	
November		5.20	2.35	2.38	5.58	1.45	1.55		4.70	
December		6.15	3.12	1.15	2.47	3.60	(3.25)		3.65	
TOTALS	100 Int. ap.	19.05	27.63	100 inc. ap.	34.22	20.40	28.19	N/R	36.01 W	

1951 Potentilla plants, about 3 ft. in diameter, 3 ft. apart all round.

To be moved to a different part of the garden during 1954.

1955 n.p. low

1958 Obs. Mr. M. H. Lady.

Projected 8.12.59 by the Author. 0.5 NNE of house 40° at 35° otherwise reasonable in sheltered garden. Slopes to river record used by gardener soon.

00014

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SH(23) 785786

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
			Deganwy	1/2 mi. NW	Llanrhos	1/2 mi. NW

Summary of Earlier Records from 10-year Sheets :

V.S.G.J

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910-19 -	1920-30 -	1931-40 -	1941-48 - 1949-50 NR	