

RAINFALL AT Cerrig-y-Dduidion Nefod yr Eira

Lat.

Lon.

County of Denbigh

Rain Gauge, by

Observer

See - 1.

T H R M ill f. Deacony cl.
Llandysul

Diameter ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height							1	0			
Altitude ..							175				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..							5.58	2.36	5.45	3.23	
February ..							4.16	2.55	4.22	2.75	
March							4.02	2.91	3.92	3.86	
April.....							1.46	2.07	2.48	4.24	
May							4.65	3.36	3.60	1.48	
June							1.86	5.04	2.83	2.32	
July							1.02	1.93	5.12	3.66	
August							3.56	3.65	4.29	3.08	
September..							1.28	.81	4.11	5.88	
October....							7.29	7.80	1.83	7.22	
November..							4.35	2.67	3.98	2.45	
December ..							4.58	4.44	3.52	6.89	
TOTALS ..							43.81	39.59	45.35	46.56	

mm mm mm mm

+ Inspected Erected by Dr. Mill 1905

RAINFALL at Lerrig-y-Dreidion Hafod-y-Groes

County of Denbigh

Observer Dr H R Mill

River Basin Dee)

G.H. Parkin Esq

Gal. iron snowdon Rain Gauge, by

funnel } 492
5.05-
5.00 } - corrected. glass carb.
5.00

Diameter ...	5									
Height	10									
Altitude ...	1175									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
										MEANS.
January	4.75	1.33	2.84	3.54	3.77	7.10	3.53	2.87	3.26	3.70
February	5.56	(3.94)	2.68	2.20	3.67	7.20	5.84	1.23	4.70	2.64
March	1.78	2.21	5.16	5.58	5.42	1.38	2.96	3.30	1.35	(6.91)
April	4.43	2.31	1.07	5.07	1.88	2.30	3.52	3.19	2.19	3.79
May	2.65	1.59	1.26	2.56	3.32	2.38	4.12	2.67	3.94	1.48
June	4.23	3.82	4.19	3.11	3.90	.59	2.51	2.11	2.70	3.74
July	5.01	1.61	3.69	1.46	5.55	4.44	1.91	1.90	3.90	1.90
August	4.88	5.08	5.75	1.68	2.46	3.61	3.13	8.11	2.73	3.78
September56	4.30	1.02	2.69	2.38	1.59	4.95	2.13	8.86	4.36
October	4.87	3.45	4.89	4.29	3.22	2.29	8.37	7.49	3.47	5.69
November	5.28	5.91	3.76	4.12	5.34	3.37	4.09	4.53	2.60	3.74
December	7.10	6.81	6.01	3.36	9.59	7.24	2.68	2.17	6.26	8.04
TOTALS ...	50.63	42.36	42.37	39.66	50.50	43.49	49.24	41.70	45.96	(48.77) 45.31

1911 Oct - Dec ? baking

1911 Oct - See 1911 Summary
1912 House 264 ft high 28' sc W 1914
wall 8' 9" 7' 12" E 42.86 is correct - 3 months es

1919. March 1.00 added for loss by S.

+ Inspected Snowdon no apparent oak. Stands on W. of low stone wall, the land sloping down gently on the other side. Farm house 13-20 ft high 40 ft. w. a peculiar position horribly liable to loss in some winds. Recommended provision of bolts.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Denbigh	11 m	NE	Pengdineion	4½ m	S

RAINFALL at R. Birnig (Hafod-yr-Owen)

County of Denbigh

Observer J. G. Parker Esq.

River Basin see - /

1921. R. T. Baker Esq.

Birkenhead L.W.

(1926) Snowdonia Rain Gauge, by _____

Diameter ...	5										MEANS. 1930
Height	1.0										
Altitude ...	1175										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	5.87	7.60	4.75	4.25	3.09	3.79	4.90	4.76	7.50	1.34	6.21
February ...	4.02	7.0	5.49	6.49	1.05	6.41	2.62	2.88	5.09	.68	6.4
March	6.07	4.04	4.30	1.78	1.30	1.69	1.46	4.96	2.69	1.34	4.31
April.....	5.94	1.42	3.34	2.54	3.12	2.82	1.99	2.69	1.66	1.12	3.32
May	4.25	2.34	96	3.27	5.62	4.28	3.69	2.60	2.00	2.00	1.51
June	2.76	1.48	2.50	1.21	2.43	.02	1.92	5.45	5.24	2.26	1.28
July	6.97	2.18	4.67	2.88	4.61	2.15	5.71	2.54	1.40	2.90	6.08
August	3.42	5.91	2.28	4.91	5.13	2.72	4.06	7.90	4.54	4.30	5.81
September...	3.63	1.91	4.09	3.85	5.83	5.91	4.63	5.65	2.84	2.28	4.61
October.....	2.06	3.24	.82	7.62	5.02	5.20	4.14	4.90	7.44	6.21	6.86
November...	1.90	2.90	2.64	5.11	2.54	3.82	6.15	5.73	7.09	6.64	5.85
December...	3.59	6.00	6.63	4.82	4.54	5.84	1.61	1.31	2.81	7.79	6.29
TOTALS...	50.98	38.72	42.47	30.73	44.18	44.17	42.88	51.37	50.63	37.86	52.77
	0	0	0	0	0	0	0	0	0	0	0

Inspected & ~~see green file~~

1929. New gauge fixed in slightly altered position as recommended by R. Glassopdale. October, 1918.

1930. Gauge read in winter 9 a.m. in summer 10 a.m.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
	53° 5' 10"	3° 32' 10" W	Denbigh.	11m.	N.E.	Berwyd-dy-Llwyni	4½ m.

RAINFALL at River Brueg (Hafod-yr-Onen)

County of Denbigh

Observer A.F.Baker, C.E.

River Basin 1-Dale

Type of Gauge A. O.

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

Ref.

660551/26

Diameter	5.										
Height	1.0										
Altitude	1175										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.22	4.81	3.24	3.56	2.52	5.82	3.79	6.08	7.32	2.15	4351
February	4.40	.09	4.09	3.44	5.43	3.25	6.09	1.29	4.04	3.51	3253
March	.77	3.52	2.50	3.04	1.52	3.34	3.25	1.32	4.76	3.40	2714
April	5.23	5.12	1.18	3.12	2.33	2.26	4.69	.30	2.51	3.28	3092
May	3.90	3.48	2.08	3.07	1.51	2.06	1.85	2.40	1.87	2.66	2588
June	3.75	1.63	4.95	1.91	4.29	6.99	2.08	6.02	3.95	1.64	3621
July	2.08	6.20	1.76	1.48	.85	4.93	2.36	3.71	6.85	3.68	3389
August	7.05	2.01	0.96	5.38	1.56	1.11	.59	3.39	2.00	1.17	2502
September	5.67	4.38	1.04	2.51	7.57	4.97	1.58	1.88	1.14	4.28	3502
October	3.26	7.14	4.66	5.95	8.15	3.43	3.36	6.34	4.59	5.45	5233
November	7.14	3.25	1.66	2.92	5.69	5.98	1.51	5.15	7.48	7.42	4820
December	2.25	2.70	1.45	6.38	2.67	5.22	2.80	4.68	3.20	2.56	3391
TOTALS	49.72	44.33	29.57	39.66	44.89	50.38	33.84	41.56	49.71	40.90	42456 K17

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

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

Station No. T.F. 1103

RAINFALL at River Brening (Itafad-yr-Omen) ✓
died Oct '44

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County of Denbigh

Observer R.F. Baker Esq., C.E.

River Basin 1 - Dee

E.G. Hudson Esq. C.E.

Type of Gauge M.O.

W.K. Lewis, Esq. R.R.A. Mace (iv. 52)

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

File No. 660551/26

Diameter	5					543	605				
Height	10					"		1			
Altitude	1175							41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.09	6.09	5.96	5.20	4.77	5.74	4.16	10.29			
February	4.67	2.13	3.23	2.38	4.61	7.25	1.92	3.00			
March	3.89	3.14	1.04	1.09	1.22	1.53	6.66	1.84			
April	1.55	2.16	1.74	1.24	3.10	0.98	4.39	2.05			
May	3.47	3.38	4.15	2.54	4.23	2.95	3.70	1.24			
June	0.90	0.61	2.92	2.24	3.76	4.65	2.76	5.73			
July	1.56	4.28	3.62	2.85	2.34	2.41	2.77	2.22			
August	5.24	5.18	4.43	2.36	1.90	6.57	0.48	4.52			
September	1.12	4.01	5.82	6.10	2.44	6.14	2.19	2.96			
October	5.88	3.34	4.69	5.68	5.37	1.43	0.65	3.37			
November	2.83	1.69	3.75	8.34	0.65	5.97	7.13	3.77			
December	2.70	4.73	2.48	4.86	4.82	5.53	4.41	6.23			
TOTALS	35.90	40.74	43.83	44.88	39.21	51.15	41.22	47.72			

1946 n.p. low 1944 low. 1945 n.p. low.

1946 n.p. low. Second gauge forced (see 4303/1)

1947 n.p. low. 1948 n.p. low.

To be abandoned at end of 1948.

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Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map.....

Reference No. 21-972554

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

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Station No. 4303/1

RAINFALL at River Bevin (Hafod-y-paen) 41

County of Denbigh

Observer

F. G. Hudson, Esq. C.E.

River Basin 1 - Dee

W. K. Lewis R. M. S. (IV.52)

Type of Gauge Snowdon

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

Ref.

File No. 660551/26

Diameter			S43	600		5"				
Height					1		1.0"			
Altitude					41	1150*	1175'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January						-100	4.94	11.86	3.97	2.03
February							1.81	3.60	2.16	7.35
March							6.96	2.35	2.85	2.42
April						-100	5.17	2.30	4.44	5.52
May						3.08	3.81	1.46	3.11	1.76
June						4.94	2.84	6.35	0.79	1.68
July						2.64	2.84	2.40	2.06	3.25
August						7.08	4.49	4.75	3.47	6.03
September						6.35	2.41	3.06	1.87	9.44
October						1.60	0.71	3.44	7.86	4.88
November						7.11	7.60	3.89	6.69	6.34
December						6.08	4.48	6.75	7.58	4.95
TOTALS						-100 avg	44.06	52.21	46.07	54.85

To be adopted as representative gauge from 1947 instead of 600

S

* Estimated from map.

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

Station No. 43031

TF29

RAINFALL at River Drenig (Hafod-yr-Dren)

51

County of Denbighshire

Observer W.K. Lewis, B.Sc., M.I.C.E.

River Basin 1 - Dee

Water Engineer, Birkhead.

Type of Gauge Snowdon

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

" " 49.50 " " 1947-57. " " 1916-50 Ref. 62016/56 S

File No. 1916-51-1

Diameter ...	5"				543	600					
Height ...	1' 0"						1				
Altitude ...	175'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.62	7.13	1.64	4.83	4.24	5.17	5.33	4.75	5.66	8.89	
February ...	6.79	1.98	2.93	4.53	4.59	0.99	4.32	7.46	0.74	5.38	
March ...	6.67	1.48	2.40	3.59	2.37	2.26	2.80	1.48	2.71	2.20	
April ...	3.86	2.67	3.66	1.50	2.00	2.87	0.78	1.34	6.67	2.39	
May ...	4.91	3.04	2.88	5.52	6.03	1.05	2.09	3.74	2.86	1.75	
June ...	1.61	2.18	3.33	3.19	3.52	2.33	1.09	4.02	1.95	1.53	
July ...	2.00	1.27	4.46	4.97	0.72	5.35	6.07	4.81	4.46	4.20	
August ...	6.23	3.75	3.55	6.54	1.59	8.27	8.32	4.31	1.12	4.06	
September ...	6.78	(7.22)	5.59	4.67	2.29	4.32	7.36	6.97	0.35	6.98	
October ...	2.18	7.85	2.26	8.75	4.37	3.45	4.84	4.50	5.92	5.95	
November ...	8.66	4.12	5.12	9.04	2.29	2.15	3.27	2.96	6.11	10.25	
December ...	7.52	5.97	1.85	6.12	4.81	4.95	3.91	3.70	8.61	5.91	
TOTALS ...	57.49	48.66	39.67	62.25	38.82	43.16	50.18	50.04	47.16	59.49	

1952. Sept. interference. M03b amend.

Tape set at 21.3.56 m. Drift. Gauge sound, measure at. fied site off E and also S. 9.0 because of marsh. Recommended move off road & build turf wall.

1957 n.p. low.

00104

Position of Station on Ordnance One-Inch map : No. of Map 105 National Grid Reference 33/969556

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				(1946 1949) 1947-50 ✓	