

RAINFALL at Cwm Hirnant (Menai Ferry)

County of Merioneth

Observer E.O. Roberts

River Basin 1-Dee

for River Dee Catchment Bd

Type of Gauge Octagonal

Annual Average in. based on years obs. un-weighted. Period of average
Aug 1931 - Ref f278900/33.

Diameter					5"							
Height					1' 4"							
Altitude					957'							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January					1.80	8.70	8.25	12.00	7.02	2.81		
February					8.32	3.25	9.15	2.80	8.00	4.50		
March					1.55	3.65	3.55	2.30	4.09	5.50		
April					4.57	2.05	2.08	1.10	2.09	3.07		
May					1.00	2.50	2.30	3.50	1.20	3.01		
June					# 4.67	4.90	2.00	6.50	3.04	1.03		
July					1.10	2.50	7.00	2.10	5.10	10.08	5.00	
August					5.50	2.00	.09?	1.11	4.25	2.09	1.02	
September					3.65	8.50	5.50	1.60	1.08	0.92	4.90	
October					7.55	9.15	4.30	3.05	11.05	3.08	8.05	
November					2.45	6.70	6.90	1.07	10.03	12.75	13.06	
December					10.87	3.70	8.80	4.80	6.09	4.06	5.00	
TOTALS					imp. 54.46	57.64	41.06	63.80	58.42	56.95		

Inspected 30.9.37. G. in site previously selected - over-exposed. Moved gauge 20 yds nearer stream & 6' lower and set up with rim 1' above ground.
 Suggest turf wall - set up on 1/87.
 1937 Gauge moved 10 yds. 30.9.37.
 1940. Jan estd. Feb + Mar apportioned

Position of Station on reduced Ordnance Survey Map. } No. of Map 50 Reference No. 9-H.
 1 mile to 1 inch Series }

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

Station No. T.F. 43243

RAINFALL at Cwm Hirnant (Innissafallen) ✓

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County of Merioneth

Observer S. O. Roberts Esq.*

River Basin 1-Dee

Type of Gauge Orkney

Annual Average 60.8 in. based on 7 years obs. un-weighted. Period of average 1881 - 1915 Ref. I.W.S.

C 1934

File No. 273000033

Diameter	5			542	774						
Height	1	4				1					
Altitude	957					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.04	8.08	11.01	11.05	(7.50)	15.50	(7.50)	11.50	3.50	(3.50)	
February	7.10	(2.08)	6.01	3.07	(1.00)	(1.20)	(2.00)	4.50	3.60	12.50	
March	4.05	4.03	2.00	1.05	(3.00)	3.30	(8.30)	2.50	1.90	(5.20)	
April	2.00	4.01	2.07	2.09	4.55	(1.10)	3.50	2.50	7.50	5.30	
May	3.00	6.09	6.08	3.08	6.00	(2.20)	1.90	1.70	5.00	(2.60)	
June	0.90	0.50	6.02	4.00	(6.52)	6.50	(3.70)	8.30	1.50	3.15	
July	1.03	5.02	4.00	3.02	2.50	3.30	4.50	2.50	(2.00)	6.70	
August	7.09	5.09	6.08	(4.01)	(2.75)	6.80	0.90	7.20	3.30	10.00	
September	1.02	4.01	7.01	(6.08)	(5.25)	(9.10)	2.50	2.90	1.50	13.00	
October	9.06	8.07	7.00	10.05	(7.35)	(2.50)	2.10	5.20	(1.20)	5.50	
November	5.02	1.03	4.01	13.00	(0.60)	11.80	5.50	6.90	(1.50)	(7.50)	
December	5.00	8.09	4.05	6.00	7.00	(7.50)	5.70	10.20	13.50	(6.80)	
TOTALS	49.31	56.10	65.34	66.50	63.02	(80.80)	48.10	65.90	(68.80)	81.85	
	M	M	M	M	M	M	M	M	M	M	

1942 Feb part cold
Mar Sept. pr. cold & app. from Aug.

1945 Jan. Feb. March off. June part cold, Aug - Oct off. Nov. part cold.

1946 Feb. & Dec cold. April & May and Sept & Oct off seasons

1947 Jan - March adjusted for snow. June pr. set. m.p. low.

1948 Jan pr. set. consistently low Jan - May, also July & Sept low. m.p. low.

1949 July & Oct. app.

00304 71364 26154 71004 00444 52034

K River Dee Catchment Bed.

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.

Station No. 432413 TF30

RAINFALL at Llanwrin (Maesafallen)

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County of Denbighshire

Observer F. O. Roberts Esq. *

River Basin 1 - Dee

(Capt. G. A. Wright OBE*)

Type of Gauge Octagonal

See to Clwyd River Board (1953)

Annual Average 60.8 in. based on 7 years obs. unweighted. Period of average 1881-1915. Ref. 1.WS
" " 64.66 " " 1937-56. " " 1916-50File No. 275900183
516272/53

Diameter ...	5"			542	7740						
Height ...	1' 4"					1					
Altitude ...	957'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.20	9.00	2.20	4.50	5.60	7.00	10.50	7.00 (7.50)	13.00		
February	8.20	2.10	3.50	6.50	4.00	1.50	8.50	10.00	1.00	8.00	
March	8.50	3.20	5.50	7.00	5.60	3.00	5.00	1.50	5.00	5.00	
April	(6.50)	4.00	3.50	2.00	3.00	1.00	0.50	2.00	2.50	2.50	
May	6.20 (4.00)	3.50	6.50	5.70	1.00	3.00	7.00	2.10	1.70		
June	1.20	3.50	5.50	5.30 (6.00)	5.50	2.60	6.50	3.50	3.50		
July	2.50	2.20	5.50	5.50	0.95	4.50	8.90	4.50	6.50	6.00	
August	5.00	5.50	6.00	5.00	1.90	7.50	8.15	5.50	1.50	6.00	
September	7.30	3.50	7.50	9.00	2.20	5.50	7.85	11.50	1.00	7.50	
October	2.50	10.50	4.10	11.20	4.30	4.50	10.00	7.00	9.00	10.00	
November	15.20	3.50	9.25	13.60	4.50	3.00	3.00	1.00	8.50	17.50	
December	14.50	7.00	3.00	(6.50)	8.00	9.50	8.50	8.00	15.50	7.50	
TOTALS ...	80.80	58.00	59.05	82.60	51.05	53.50	76.50	71.50	68.60	88.20	
	M	M	M	M	M	M	M	M	M	M	

1953 Report says main. All in good condition. gauge well liked & free from reference. 22.7.53
1954. Painted.
1955. June 1st by 1036. 00014 01004 400041957. June July and Aug Sept 1957 110.36.
1958. Dec 6.00. Relatively well exposed but slight overhanging hillside to ESE. Rec. more to N.E. or other side of small stream. Easy to stand. Snow not melted
1959. Jan 25. New face applied. 10.36. Painted.

For R. D. C. B.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 231948308

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
04004 02004						

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
				C 1934 inc. 1935-40	1941-46 M 1947-48 NP 1949 M 1950 M	