

## RAINFALL AT Llanwddyn Fföel-y-ffridd

*Lat.* \_\_\_\_\_

Lon.

County of Montgomery

Observer - G. S. Smith Esq., F.R.S.

seven-5.

424890

Mynydd St John

RAINFALL AT ~~Lake Gwynnyd, Nef-y-ffwrdd no 26a~~

Lat. .... Lon. .... County of Montgomery

Seven - 5 Rain Gauge, by Observer J. Parry Esq Q.C.

Diameter .....										8	
Height .....										10	
Altitude .....	912										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....											
February .....											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September .....											
October .....											
November .....											
December .....											
TOTALS .....										5820	

Rec'd 1904 Ent'd 30x1-08

Amended 20/6/1979

MET.O.B. RETROSPECTIVE

424890

NGR: SH(23) 974215

E173

H = 278

metres Date of review 20/6/1979

424890

## RAINFALL AT

34 Mynach St Tol-

Lake Llynwern, Neol-y-ffriad No 28 a

Lat.

Lon.

County of

Montgomery

No 1

Rain Gauge, by

Observer

J. Parry Esq. C.E.

Seven - 5.

Diameter . . . .	8										
Height . . . .	1	0									
Altitude . . . .	912										
Year . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . . .											
February . . . .											
March . . . .											
April . . . .											
May . . . .											
June . . . .											
July . . . .											
August . . . .											
September . . . .											
October . . . .											
November . . . .											
December . . . .											
TOTALS . . . .	72.86	88.93	61.40	56.83	84.10	62.78	62.73	77.06	81.81	72.27	

Recd. 1904. Entered 30.XI.08.

\* Amended 29/6/1979

MET.O.B RAINMASTER  
RETROSPECTIVE 1918 APRIL

424890

MGR: SH(23) 974215

WAT: 913 Item 278

match. Date of reading 29/6/1979 \*

RAINFALL AT ~~Lake Vyrnwy~~ Mynydd St John No. 1

Lat. .... Lon. .... County of Montgomery

Rain Gauge, by Observer J Parry Esq CL  
Devon, L. bank - 5.

Diameter .....				3			8				
Height .....							1.0				
Altitude .....				912 ft							
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January .....	9.02	7.10	8.75	13.85	9.85	4.34	11.87	3.53	8.07	6.18	8.256
February .....	8.51	3.25	2.24	11.44	10.54	4.57	8.38	7.06	7.42	2.84	6.625
March .....	1.34	10.66	4.62	15.98	3.38	10.23	8.85	5.87	11.45	6.36	7.874
April .....	4.88	6.71	2.37	2.70	7.51	4.82	1.64	3.10	4.97	6.70	4.540
May .....	4.64	1.40	5.63	5.38	3.33	2.98	5.74	4.07	4.97	2.78	4.092
June .....	6.00	3.53	4.33	1.21	3.10	3.92	2.49	9.17	4.58	3.63	4.196
July .....	2.70	2.90	2.95	4.59	2.84	2.57	1.87	4.85	6.47	5.86	3.710
August .....	9.83	6.12	5.16	11.50	7.06	7.41	6.74	7.22	5.20	3.10	6.934
September .....	3.40	2.97	3.15	10.34	2.48	3.70	1.79	1.08	7.42	4.92	4.125
October .....	11.06	5.54	6.68	19.70	4.54	4.75	9.77	8.68	3.04	12.94	8.670
November .....	7.09	8.85	4.77	6.36	5.55	7.46	6.79	4.75	6.27	3.94	6.183
December .....	12.87	11.78	10.94	7.47	8.53	2.79	8.61	11.31	8.53	13.30	9.613
TOTALS .....	81.34	70.81	61.59	110.52	68.71	59.54	74.54	70.69	78.39	72.05	74.818

1900-1902. Recd. XII. 08. Entered IX. 09.  
 ✓ Amended 29/6/1979

MET. O.S. RAINMASTER  
RETROSPECTIVE

424890

NBR: SH(23) 974215  
ALT: 2.79 metres. Date of review: 29/6/1979

424890

10 4260

Mynydd St John,

## RAINFALL at Lake Ynysy, Nefydd No 1

County of Montgomery

Observer J Parry Esq C.L.

River Basin Severn-Left Bank Tributaries 5

J.R. Davideau Esq C.L.

Rain Gauge, by

Diameter ...	5											1964-9 Means. Totals
Height .....	1.0											
Altitude ...	912 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	11.40	5.33	6.92	10.47	11.92	11.70	12.24	3.81	8.02	9.21	33.28	
February ...	12.16	10.75	6.80	5.59	10.38	12.00	10.21	2.60	12.58	2.92	28.31	
March .....	2.97	4.33	12.65	13.26	10.88	2.88	3.56	6.39	3.04	9.38	22.37	
April .....	6.44	4.84	.96	8.62	2.84	3.62	6.90	3.85	2.01	5.82	18.58	
May .....	3.64	2.71	2.29	4.21	4.72	3.30	14.22	3.50	4.25	1.81	13.78	
June.....	4.15	5.00	8.01	6.09	2.29	.90	3.92	3.41	2.63	3.28	13.24	
July .....	5.42	1.04	6.91	.85	5.42	6.26	3.53	2.58	7.02	1.83	14.66	
August.....	8.54	5.80	8.63	3.46	5.41	5.10	3.92	12.12	3.33	5.57	24.94	
September ..	.47	5.88	2.09	3.93	3.41	1.73	14.64	3.63	15.91	4.33	28.51	
October ...	5.83	7.04	8.92	5.29	2.24	3.46	17.16	11.21	8.38	4.00	40.75	
November ..	9.21	12.08	8.46	10.85	11.52	4.58	7.27	7.76	5.55	5.18	25.76	
December...	14.21	11.32	15.32	7.09	15.21	16.39	6.34	3.15	15.85	14.57	39.94	
TOTALS ...	84.47	76.12	96.86	79.70	86.24	71.92	83.94	64.01	88.57	69.60	304.12	

MET.O.B RAINMASTER  
RETROSPECTIVE SITE REVIEW

HYD. STN 424890

NGR: SH(23) 974215

ALT: ft = 279 metres. Date of review: 20/6/1979

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

\* Mynydd St John.

## RAINFALL at Lake Vyrnwy (Neol-y-Pffordd) No. 1

County of Montgomery

Observer J. R. Davidson Esq. B.E.

River Basin Seven - 5

Rain Gauge, by  
see sheet

Diameter ...	8"									8	
Height .....	1.0									1	
Altitude ...	912	913								913	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Metres
January ...	11.50	13.90	8.17	7.57	6.86	10.77	10.26	9.60	16.63	2.35	10.82 108.43
February ...	9.82	31	11.24	15.52	1.09	12.87	7.79	4.96	13.23	.88	.88 78.59
March .....	8.41	9.58	6.29	4.28	3.28	2.26	3.87	7.60	4.41	1.37	4.98 56.33
April.....	10.13	2.42	3.92	6.26	6.00	4.46	3.71	3.99	3.23	1.99	4.15 50.26
May .....	7.76	3.15	2.00	6.68	9.59	8.38	4.92	2.80	1.27	3.63	3.40 53.58
June .....	3.53	.36	3.40	2.29	3.87	.02	3.51	7.88	7.38	3.56	3.50 39.20
July .....	10.36	4.28	7.25	4.61	7.64	2.01	4.88	4.17	3.14	4.25	4.97 57.56
August .....	3.60	7.09	4.51	8.33	7.61	5.39	6.50	11.60	7.22	7.11	7.03 75.99
September...	3.90	2.55	5.41	7.61	8.17	5.56	4.13	7.22	1.83	2.79	8.02 57.19
October.....	3.32	4.93	2.45	13.82	9.09	8.94	6.88	11.61	10.67	9.47	12.54 93.72
November...	5.44	4.05	4.02	8.12	6.16	3.40	12.99	9.17	16.31	16.66	11.15 97.47
December...	9.21	14.49	11.60	7.83	11.91	9.44	1.63	4.15	6.53	17.39	9.28 103.46
TOTALS...	86.98	67.11	70.26	92.92	81.27	73.50	71.07	84.75	91.85	71.45	80.72 871.88

Inspected 22. IX. 21 on back of sheet

Amended 29/6/1979

METEOROLOGICAL  
RETROSPECTIVE SHEET

424890

NOR: 5#(23) 974215

ALT: 279 Metres. Date of review: 29/6/1979

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

424890

TF. 4260.

31

\* Mynydd St John

## RAINFALL at Lake Tynwy Efail-y-ffordd F N° 1

County of Montgomery

Observer Col. J.R. Davidson, B.E.

River Basin S. Severn - Left Bank

Lt. Col. F. Hibbert, B.E.

Type of Gauge

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

Ref.

660603/26

Diameter	8.										
Height	1.0.										
Altitude	933										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1937-40 Measns Total
January	7.99	12.62	7.12	10.04	2.88	9.75	11.96	15.46	12.71	2.91	9344
February	9.61	13	7.84	4.22	13.53	2.74	12.91	4.30	8.07	6.72	6627
March	1.31	5.39	5.23	6.54	2.91	5.75	(3.90)	2.84	4.90	5.36	4413
April	5.95	9.48	2.21	4.15	8.20	2.78	4.35	4.44	3.63	5.57	4676
May	7.19	4.16	1.52	4.41	1.52	1.96	2.26	4.74	1.37	2.63	3175
June	5.46	1.60	3.43	3.04	6.37	6.66	3.76	7.12	4.44	1.8	4305
July	4.59	6.50	5.06	1.42	2.29	9.09	3.17	6.24	11.67	4.57	5460
August	7.19	2.27	1.83	6.11	1.90	2.16	1.83	5.03	3.53	1.64	3329
September	3.35	7.40	1.19	5.85	12.79	6.90	2.32	2.16	1.21	5.92	2300
October	2.65	11.18	7.59	8.40	12.81	6.67	3.86	15.29	3.73	9.90	8195
November	12.14	6.32	2.01	2.73	9.35	9.12	2.50	11.53	13.46	14.22	8338
December	5.57	5.13	1.80	13.12	5.16	11.92	6.10	6.90	6.11	6.09	6790
TOTALS	73.00	72.17	46.83	66.23	79.71	75.39	58.92	82.05	74.83	66.51	69564

1931, Nov. 10. Depth in ft. at 9.50 cm. = 5.49 in.

1937 Mean. adjusted.

Amended 29/6/1979

MET.O.S. RAINFALL  
RETROACTIVE 1931-1940

424890

NGR: S#(23) 974215

ALT: H = 279 metres Date of review 29/6/79

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, EXHIBITION ROAD, LONDON, S.W.7.

\* Mynedd SE John

Station No. T.F. H260

## RAINFALL at Lake Haweswater, N.E. Bank, N° 1.

41

County of Montgomery

Observer Mr. C. J. Hibbert, C.E.

River Basin 5 - Severn - half Bank

Type of Gauge Orkney \* corrected (96) Oct 1948 6383/48

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

Ref.....

File No. W0060231245/CE228548

Diameter	8	424	890	700 500 500 450							
Height	10		1								
Altitude	913		41				915'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-1950 1945-1955
January	(4.00)	9.63	13.62	13.76	8.50	13.64	8.37	22.00	5.25	4.64	104.01
February	(6.50)	2.32	6.31	4.02	11.56	16.31	2.44	6.77	4.90	14.00	75.13
March	5.45	4.35	2.73	1.34	3.27	3.23	13.55	5.85	2.78	4.90	47.45
April	2.31	5.29	3.27	2.94	5.33	1.60	8.01	4.46	9.31	7.82	49.94
May	4.61	7.03	8.09	4.25	5.59	2.45	4.02	3.43	5.49	1.76	46.72
June	0.75	0.66	7.23	5.56	7.52	7.94	4.77	8.46	2.19	2.80	47.88
July	2.64	5.23	3.63	4.44	3.66	3.37	3.72	3.89	3.16	7.65	40.39
August	8.56	7.55	9.64	3.50	6.27	9.64	0.71	8.17	4.15	10.70	68.89
September	1.85	5.23	7.68	7.89	4.90	10.32	3.30	5.91	2.02	14.70	64.00
October	7.74	8.40	7.68	11.04	12.56	2.63	1.76	4.00	10.54	5.90	72.25
November	4.93	1.22	6.54	13.56	0.91	12.75	12.06	5.59	10.78	8.15	56.49
December	6.96	6.70	4.58	9.87	8.68	9.48	8.43	9.64	14.05	5.80	83.89
TOTALS	(56.30)	63.61	81.00	82.17	78.75	93.36	71.34	88.17	74.32	88.02	777.04

1941 Jan + Feb std. by M.O.S.

1945. Inspection note. Meas in catch associated with frosty clearing.

1947 Inspected 9.1.1947. Gauge sound. Site on spit of land rising into lake.

Surd of small trees 6 ft high, 15 ft away. Inconvenient W wind.

1950 Inspected by L.W.W. New bellows installed. 17/3/50. Bellows 40-50% less. 40-60% less drawing. Bellows to S.E. S.W.

6000 ft

\* Name amended echo \* 7/75

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	Parish Church.	Distance from gauge

**Air Ministry, Meteorological Office**

*Mynydd St John*

Station No. **T.F. 4260**

**RAINFALL at Lake Vyrnwy (Heat-y-frodd) No. 1.**

County of **Montgomery.**

Observer **Liverpool Corporation**

River Basin **5-Severn-Llyfni Bank**

**Water Works.**

Type of Gauge **octapent.**

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

75-68 - 35 - 1916-50

1916 - 50

Ref.

E23261/58

File No **660603/26/E 3285/05**

Diameter	8"	5" 5"	8" 5"	424	890					
Height	1'0"	1' 1'0"	1'0" 1'0"							
Altitude	913'	913' 915'	913' 915'							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	Means									
January	8.15	11.25	2.95	7.30	5.48	9.83	13.05	7.25	9.18	
February	10.25	2.30	4.05	7.40	4.00	0.85	7.60	11.50	.94	
March	8.45	4.55	5.55	7.45	3.85	4.30	8.45	2.25	4.85	
April	6.60	3.65	4.70	2.45	4.20	2.10	0.77	2.22	6.50	
May	3.30	3.95	3.45	5.75	8.35	1.98	3.40	7.48	2.03	
June	1.98	3.90	3.10	5.50	6.75	4.37	1.72	4.50	4.12	
July	3.05	2.72	9.25	7.05	1.50	8.03	11.52	5.65	7.10	
August	7.60	6.15	6.30	6.25	2.10	9.73	9.85	5.40	1.15	
September	7.25	4.50	7.85	11.32	2.95	6.08	10.66	11.40	.65	
October	2.60	14.13	3.35	18.70	4.55	4.73	8.55	5.10	9.90	
November	13.65	4.95	9.85	14.10	4.20	4.42	3.65	2.74	7.51	
December	15.55	7.85	2.65	9.80	10.15	10.20	6.80	6.68	-100 nR	
TOTALS	88.33	69.90	63.05	102.65	58.08	66.62	86.51	72.87	-100 M.n.p.	
	M.	M	M	M.	M.	M.	M.	M.	M.n.p.	

1952 Jan adj. 1036 Eng agrees. Feb adj. ?

1959 Eng Mr O'Kane (Q55) Badly gts by trees between ESE-W & also by hillside WNW. Not a suitable location & record could be discontinued.

1959 Eng inc. Dec. Observations discontinued following comments of representative from Met. Office.

1959 terminated.

\* Name amended return 1/7/78

X X X X

Position of Station on Ordnance One-Inch map: No. of Map \_\_\_\_\_ National Grid Reference SH(23)974215

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

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
	/	/	/	/	

All blank

All blank

All blank

All blank but S.O.H.