

## RAINFALL at Hafod Fawr (Uchaf)

County of Merioneth

Observer

Metereological Office

B.H.Richards

River Basin Glylyn 3

7 Hyatt Eng

M.O. 72 Rain Gauge, by Pistorelli  
Rapkins

Refugee (main brook)

Diameter ...					8					
Height .....					10					
Altitude ...			900		800	900				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...					9.62	11.02	8.66			9.89
February ...					7.89	10.52	8.94			2.57
March .....					12.10	6.97	2.20			9.55
April .....					1.57	4.34	7.25			4.57
May .....					4.69	3.15	5.63			1.94
June.....					2.83	2.53	5.82		4.02	4.41
July .....					2.56	6.12	8.64	2.79		6.69
August.....					5.42	6.34	5.50	5.36		5.63
September..					4.54	4.54	4.21	5.67		7.25
October ...					6.10	2.14	1.88	13.54		10.40
November..					9.79	10.83	5.77	6.65		6.82
December...					6.51	14.90	15.01	5.67		15.25
TOTALS ...					83.57	78.54	98.18			72.20
					mm	mm	mm	mm	mm	mm

1919. Stone Walls. 2 ft. on { 15 ft. N.  
10 ft. E.

" Dec. partly estimated.

1-10-18. If you say: in enclosed garden on side of hill.

1913-15 Daily values in liquid volume, shelf 20, R. 1/4.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
(Hyatt.) 52.57	2.50W	2.54W	Llanidloes	25 mi	NW	Llanidloes	25 mi	NW

Festiniog.

## RAINFALL at Nefed Fawr.

County of Merioneth.

Observer Meteorological Office.

River Basin Glyn 3.

St. Fodge

1921. J. P. Jones

all. 0.72 Rain Gauge, by Portlock &amp; Roberts.

Office of Woods Forestry Commission

Diameter ...	8										
Height .....	1.0										
Altitude ...	900										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del>
January ...	10.44	(11.00)	7.83	10.95	6.32	7.14	8.59	8.92	16.36	3.15	13.21
February ...	9.45	1.14	9.07	12.67	1.94	11.51	9.05	5.87	11.07	2.11	.26
March .....	8.46	9.47	6.31	2.80	2.32	4.12	5.09	6.75	4.59	2.30	4.19
April.....	10.13	2.75	4.39	6.89	4.83	5.37	3.87	4.38	2.77	1.49	4.88
May .....	8.07	3.44	2.76	5.83	5.03	6.03	4.99	3.72	1.65	4.80	4.81
June .....	3.73	1.57	3.65	3.21	6.85	.00	5.50	8.53	12.27	5.01	3.23
July .....	12.59	4.52	7.10	7.48	6.53	3.38	7.65	9.99	6.55	5.81	7.25
August .....	7.43	10.72	6.47	8.80	10.80	8.46	6.89	14.62	8.77	12.55	8.69
September...	<del>10.19</del>	2.94	7.77	10.56	10.88	5.36	4.95	8.66	2.32	4.25	6.95
October.....	7.55	1.83		13.39	6.98	10.55	6.28	9.85	12.49	11.38	14.69
November...	4.08	5.68		11.61	5.87	4.21	10.94	9.30	16.32	16.47	9.84
December...	11.19	10.22		9.39	11.22	6.51	2.77	2.17	6.77	13.96	10.50
TOTALS...	69.37	73.08		103.58	82.57	72.64	76.57	92.79	101.93	83.28	88.00

1919. House walls, 2ft. 6 in. 8 ft. N.

(18 in. E.)

1919/1920. Rain gauge in enclosed garden on side of hill.

1921. Jan. estd from map.

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
22/5/	52° 41' N.	3° 24' W.	Ffestiniog	2 1/2 mi.	N.W.

## RAINFALL at Festiniog (Hafod Hawn).

County of Merioneth

Observer Forestry Commission

River Basin 3 - Glynedd

Type of Gauge m.o.

Annual Average 74.6 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref S

778368/27.

Diameter	8										Means
Height	1.0	1.4									
Altitude	900	1000									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	11.29	11.15	8.62	7.26	4.01	7.06	8.55	11.81	10.44	3.99	841.8
February	8.97	.10	6.41	6.60	10.09	3.37	9.45	3.49	6.72	5.37	5457
March	1.77	5.04	3.11	3.90	2.46	4.27	3.07	5.80	4.01	5.55	3898
April	6.18	6.43	1.61	3.76	5.08	2.78	4.26	.92	4.02	3.68	3872
May	5.20	7.78	17.0	5.93	2.11	2.67	1.27	4.70	1.20	2.29	3490
June	8.49	2.80	5.87	2.93	8.10	8.02	3.89	8.39	5.06	1.56	5481
July	6.78	8.98	4.28	1.61	2.51	8.63	3.43	8.14	12.09	5.82	6227
August	7.01	2.87	2.81	8.20	3.88	3.64	3.15	4.71	4.58	2.81	4322
September	5.59	7.23	13.9	5.98	11.23	8.06	3.28	3.09	2.07	7.47	5538
October	14.46	9.94	8.14	11.71	12.30	6.60	3.46	11.54	4.46	9.07	8166
November	14.02	5.97	2.62	2.20	6.74	9.76	2.74	8.93	13.64	11.06	7757
December	6.13	5.79	2.03	12.43	3.57	11.43	5.24	7.74	6.73	7.27	6836
TOTALS	8589	D	73.58	4824	6651	72.08	76.27	51.78	79.32	75.01	65.94
		D	D	D	D	D	D	D	D	D	69462 KM

23/6/32 S moved 1/2m. S.  
 1936 House 25' high 20' SE.  
 Shed 8' 16' S.

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
1936.			Festiniog	1 m	N	Festiniog	1 m

Station No. M 14325

## RAINFALL at Festiniog (Hafod Fawr) ✓

41

County of Merioneth

Observer Forestry Commission

River Basin 3 - Glastlyn

Type of Gauge M.O.

Annual Average Rain. based on 7 years obs. un-weighted. Period of average 1881-1915. Ref. S

File No. 778368/27

Diameter	8			526	770						
Height	1	4				1					
Altitude	1000					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.26	10.03	8.74	9.32	4.29	9.73	9.20	15.55	7.07	6.31	2250
February	7.07	3.46	4.56	3.37	7.43	10.06	1.81	5.31	4.61	11.38	59.06
March	7.15	4.75	2.71	1.77	3.39	2.06	9.69	4.63	5.84	5.72	47.71
April	3.19	3.44	3.48	3.84	2.96	2.23	5.39	2.54	8.23	7.47	12.87
May	4.58	6.12	5.54	3.26	5.63	2.40	3.51	2.47	7.16	1.11	41.78
June	0.73	0.49	7.22	4.41	5.71	7.15	3.31	9.58	1.56	8.92	47.08
July	2.58	6.35	5.31	5.71	4.31	6.13	7.23	5.04	4.45	7.98	53.09
August	9.03	5.20	7.18	3.78	2.44	7.84	0.95	9.55	6.07	15.02	67.01
September	1.11	6.60	6.41	5.93	5.01	12.36	5.74	10.34	3.84	17.42	78.75
October	9.02	9.61	7.48	6.87	5.64	1.78	0.95	7.64	16.31	8.07	12.37
November	4.06	1.42	4.19	8.04	0.74	10.73	10.05	8.13	11.28	7.36	36.00
December	5.42	8.46	2.51	6.17	6.46	7.91	6.29	9.88	15.84	5.75	74.69
TOTALS	56.20	65.93	65.33	62.47	54.01	80.38	64.12	90.66	91.31	102.51	732.92

1944 n.p. small.

1945 Low. n.p.

1946 n.p. low.

1949 n.p. big.

72651

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	Parish Church.	Distance from gauge

BRITISH RAINFALL ORGANIZATION

Station No. 4335

M

RAINFALL at Festiniog (Half Fawr) ~~Downdale~~

County of Merionethshire Observer Forestry Commission

River Basin 3 - Glaslyn

Forester in Charge

Type of Gauge M.O.

51

Annual Average 14.6 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 " " 76.28 " " 30 " " within 1921-57. " " 1916-50 File No. 77 836 & 27

Diameter	8"			526	770			8"			
Height	1' 4"					1		10"			
Altitude	1000					51			610'		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	7.75	8.76	4.61	7.15	6.49	6.33	10.50	6.92	6.48	9.17	73.16
February	6.18	4.26	6.13	5.60	4.18	0.91	5.82	12.46	2.24	7.89	55.67
March	9.31	5.69	3.18	5.69	2.70	4.71	7.55	1.93	3.59	2.09	46.44
April	5.22	3.71	5.35	2.71	5.73	2.69	1.01	2.66	6.46	4.59	40.13
May	1.89	3.43	3.81	4.44	6.77	2.80	3.36	6.12	1.53	2.13	3.878
June	1.68	6.56	2.69	4.87	7.57	3.87	3.10	4.61	3.11	3.24	4.00
July	5.13	4.69	8.15	10.19	1.75	8.25	12.58	6.59	5.41	6.67	68.91
August	7.44	6.39	8.06	8.97	1.78	11.30	9.18	4.82	1.24	5.14	66.32
September	11.72	4.41	6.89	7.28	2.73	6.46	10.00	10.79	0.90	7.06	68.24
October	2.50	6.10	3.30	14.73	5.38	5.65	11.11	8.13	8.57	4.76	7.023
November	10.90	5.01	9.92	11.17	2.89	3.90	2.50	3.22	10.53	13.30	73.34
December	15.34	9.64	3.01	10.26	8.48	7.24	7.01	5.81	13.13	8.77	38.69
TOTALS	86.86	68.65	65.10	93.06	54.45	63.81	83.72	73.56	63.19	74.81	726.91

Inspected 8.8.60 by J. G. Miller. True 40°-80° N. rear man. growth. off ESE otherwise satisfactory.  
 Readings in mm.

10

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SH(23) 7134408

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

Summary of Earlier Records from 10-year Sheets :

V. 23

Record D, or d	1911-19	1920-30	1931-40	1941-50	1951-60
	1911-19 1916-19 1916 1917 N.W. 1918	1920 1921 d 1922-30 D	D	1941-43 D 1944-46 NP 1947-48 D 1949-50 NP 1950	