

Rainfall at Trawsfynydd

No 4.

60

Merioneth.

Mr R. J. Garrett

Diameter of Gauge, ... 5 ... in.

Height above Ground, ft. 7 ... in.

Above Mean Sea Level, 7000 ft.

January - 3.

YEAR - -	1864	1865	1866	1867	1868	1869	MEANS.
January - -				5.83	8.05	8.20	
February - -				4.40	7.48	5.88	
March - - -				3.49	2.94	3.11	
April - - -				1.04	1.20	1.91	
May - - -	5.55	5.46	2.30	3.14			
June - - -	8.00	1.25	5.75	+			
July - - -	4.57	1.27	1.63	5.50			
August - -	2.50	6.27	3.50	+			
September -	11.45	1.25	10.92	+			
October - -	2.20	8.15	1.90	6.41			
November -	11.45	7.11	7.69	1.50			
December -	6.00	2.66	5.95	#			
TOTALS -			48.18	59.37			

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1867 the months marked + no returns received

RAINFALL AT Trawsfynydd

Lat..... Lon..... County of... Merioneth

..... Rain Gauge, by..... Observer..... David Jones

Gwynedd - 3.

Diameter													
Height	7												
Altitude	700												
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.		
January.....	(5.0)	4.93	9.92	10.70	7.43	8.74	3.08	10.10	6.96	14.44	(6.830)		
February.....	(7.0)	5.99	3.21	1.99	4.51	2.17	8.87	10.32	2.88	6.47	(5.541)		
March.....	(6.53)	3.06	4.97	3.37	5.46	2.97	6.25	6.24	3.21	3.91	(4.409)		
April.....	3.71	4.20	3.92	2.26	2.23	2.42	5.15	3.00	2.21	1.73	3.063		
May.....	4.09	1.29	8.03	2.96	2.21	4.15	2.43	6.68	5.74	3.19	35.58		
June.....	2.08	2.11	7.59	2.54	2.32	4.19	3.03	4.50	3.14	7.80	39.30		
July.....	1.87	6.52	5.90	6.98	4.82	3.88	4.27	8.40	.82	7.51	50.97		
August.....	3.12	3.66	6.18	7.36	11.46	3.88	6.07	7.28	5.21	9.79	64.01		
September.....	4.49	4.13	10.15	5.26	8.02	6.33	6.58	5.96	6.25	7.07	64.24		
October.....	15.09	8.79	9.48	8.27	7.67	7.64	6.31	7.86	7.99	2.65	81.76		
November.....	7.13	1.91	9.27	4.55	7.60	7.56	6.19	13.18	4.92	1.25	63.56		
December.....	5.59	6.43	9.79	3.28	7.84	3.88	10.50	5.99	3.37	5.31	61.98		
TOTALS.....	(63.82)	53.02	88.21	59.52	71.57	57.81	66.54	86.51	52.70	58.12	(65.782)		

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RAINFALL AT Trawsfynydd

Lat.

Lon.

County of Merioneth

Rain Gauge, by

Observer Major Mathew

Sheafyn - 3.

Diameter	5										
Height	0.7										5 7
Altitude	700										780
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	2.48	1.61	7.75	9.16	8.49	6.12	8.79	3.95	3.60	3.55	5.550
February	5.23	6.85	5.3	7.50	12.46	9.26	1.61	3.38	2.06	3.73	5.739
March	2.39	6.12	5.78	2.68	3.09	2.24	7.58	3.12	3.37	3.30	4.067
April	2.67	2.38	5.78	1.10	1.85	3.57	4.69	2.98	2.90	5.62	3.354
May	3.12	7.54	4.69	2.25	4.30	2.79	5.02	3.60	2.41	3.70	3.942
June	4.25	5.80	8.40	5.98	2.06	3.57	1.99	1.14	3.38	.31	3.697
July	7.81	4.93	6.37	5.19	6.80	6.53	7.22	4.66	8.68	2.71	6.090
August	1.97	8.01	6.14	4.68	2.04	4.48	3.76	2.79	5.47	7.59	4.693
September	5.10	1.39	3.37	8.11	5.56	8.71	7.64	7.75	3.06	3.70	5.439
October	5.09	3.18	8.06	6.80	3.62	9.22	9.08	4.04	4.57	6.07	5.973
November	9.00	9.11	11.11	7.92	3.98	6.14	5.27	4.70	10.42	2.88	7.053
December	10.41	7.29	9.42	8.90	11.12	5.66	9.71	6.19	6.00	4.41	7.911
TOTALS	59.52	64.21	83.27	70.27	65.37	68.29	72.36	48.30	55.92	47.57	(63.508)

W. D. Jones, Beehive till end of 1888
 J. Humphreys Esq., Frononion Street after

RAINFALL at (Cefn Gelly Cwm)

County of Merioneth

Observe NORTH WALES POWER CO., LTD.

River Basin Glaslyn - 3

Type of Gauge Bradford

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

Ref.

f 672199/26

Diameter											
Height			5'								10'
Altitude		665'		665'							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.86	8.51	6.75?	6.25	3.25	5.75	6.15	10.60	10.10	5.50	7072
February	6.35	100	5.80	0.55	7.25	2.65	6.54	5.20	8.53	5.44	4821
March	1.20	4.05	1.95?	4.55	2.05	4.45	3.60	4.86	5.38	5.50	3759
April	4.50	4.50	6.65?	3.25	3.75	2.05	3.92	1.36	4.76	4.80	3354
May	3.45	5.20	1.80	5.00	.95	1.95	.50	3.58	1.42	2.62	2677
June	7.30	2.45	4.00?	2.45	7.10	6.55	2.89	6.89	3.39	1.70	4472
July	4.85	4.55	3.65?	1.05	1.45	8.26	2.40	7.82	9.62	5.04	5168
August	4.20	1.50	2.15	6.00	3.05	2.55	2.69	5.21	5.04	2.64	3505
September	4.00	6.45	1.25	4.75	5.95	7.25	2.46	3.42	2.10	5.41	4304
October	3.45	9.85	7.25?	9.75	10.65	4.85	2.66	10.34	3.42	8.54	7066
November	12.45	4.85	6.65	1.95	7.75	8.46	2.90	9.62	12.37	10.03	7102
December	3.75	4.05	1.65	10.95	3.15	7.39	4.43	8.44	7.84	1.90	5955
TOTALS	63.66	58.96	37.66	56.50	56.35?	62.04	41.14	77.24	73.99	65.12	5925510M

Back years 1931-32 late July read. x/33 Record apparently about 10 in. too small.
 1933. Month generally low about 15 in. all. Plot overexposed, low top.

Inspected 5/7/34. Sound and correct. S. badly over-exposed. New site selected.

1936 # Sept reading gauge tampered with.

1936 n/p low

1937 n/p low.

1938 n/p low.

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

Station No. TF 4329.5

RAINFALL at Trawsfynydd (Gefn-y-Cwm) ✓ 41

County of Merioneth

Observer

River Basin Glastyn - 3

South Wales Power Co. Ltd.
British Electricity Authority ✓ 1948

Type of Gauge Standard

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

Ref.

File No. 672199/2a

Diameter	5			504	853						
Height	1	0				1					
Altitude	665					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.11	9.33	10.30	(3.00)	7.61	10.40	8.41	15.42	8.41	3.61	
February	6.58	3.78	7.13	3.71	8.50	10.50	2.10	5.41	4.30	8.80	
March	6.40	4.71	4.90	3.10	3.72	2.81	9.00	4.91	3.50	4.10	
April	3.12	4.10	4.15	3.82	3.50	3.51	6.41	3.31	8.30	5.60	
May	4.07	6.04	5.81	3.61	5.80	2.70	4.60	3.00	6.50	1.80	
June	1.20	1.44	7.12	4.41	5.81	6.40	3.60	9.00	1.50	4.30	
July	2.62	6.22	6.42	4.81	4.51	5.11	4.91	4.71	(2.61)	5.70	
August	6.41	5.25	7.12	4.41	3.21	6.41	1.10	8.41	(4.60)	11.50	
September	2.23	7.00	6.16	7.71	4.91	10.00	4.90	7.81	2.51	14.10	
October	7.87	9.50	7.72	8.41	5.50	2.00	0.71	4.80	11.30	7.80	
November	4.75	2.00	5.81	9.12	0.90	9.81	9.10	6.11	8.51	7.40	
December	5.31	9.00	3.41	8.11	7.62	9.81	6.31	9.41	12.40	4.90	
TOTALS	53.67	68.37	76.05	74.22	61.59	79.46	61.15	82.30	71.44	79.61	

Jan adj. by up to nearest shs.
1949 July + Aug approx. 4000.4

00654

10

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

Station No. 432915

TF 60

RAINFALL at ⁸ Transfynydd (Llafyddell-y-Cwm) ^{Central Generating Board}
 County of Powys ^{Observer} British Electricity Authority
 River Basin 3 - Glaslyn
 Type of Gauge Bradford

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

E 1962176
File No. 67219912b

Diameter ...	5"				504	833					
Height ...	1' 0"						1				
Altitude ...	605'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	6.60	8.40	3.40	7.10	5.98	6.31	12.30	7.50	7.60	11.10	
February	6.90	3.50	4.20	6.50	3.80	9.20	5.80	11.50	2.70	9.90	
March	9.10	5.20	3.80	5.60	2.82	4.30	8.70	1.90	4.50	(2.70)	
April	5.60	3.30	5.20	2.20	5.82	2.49	1.40	2.90	7.00	5.10	
May	1.90	3.71	3.80	5.40	6.66	2.56	3.60	6.20	1.40	2.30	
June	1.80	5.00	2.30	5.30	7.33	3.84	(3.80)	4.40	3.55	3.60	
July	2.90	2.80	8.10	9.00	2.32	6.25	12.40	5.54	6.60	5.27	
August	7.50	5.60	7.50	9.60	1.43	10.19	(8.10)	4.80	1.70	5.50	
September	8.87	4.60	6.90	7.40	4.20	6.10	9.50	10.90	1.50	6.50	
October	1.70	6.60	3.50	14.40	5.00	6.50	12.30	8.40	10.15	5.50	
November	9.45	5.10	9.80	13.80	3.47	4.10	2.90	2.80	10.40	15.00	
December	14.60	7.00	8.40	9.50	8.00	9.10	7.50	6.50	11.80	9.10	
TOTALS ...	76.05	60.81	61.90	95.70	66.83	62.66	88.30	73.34	68.90	81.57	
	M	M	M	M	M	M	M	M	M	M	

Inspected 25-6-58 Mr. Deeks. Gauge sound. Site of w. m. best available. Recommended
rebuild turf well.

01204

10004

1956 Jan - Dec. joint est. 1103 b.

1957 June - Aug. joint est. 1033

Annual Average 74.33 in based on 19 yrs obs. Within 1938-57 Glisters. Period of average 1946-50. Ref-S. Rejected

Position of Station on Ordnance One-Inch map : No. of Map 116. National Grid Reference 271/705.845

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

Summary of Earlier Records from 10-year Sheets :

V 581

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			1931-32 N.P. 1933-38 N.P. 1939-40		H