

RAINFALL at Yorvyn, BronffynnonCounty of MerionethObserver D. T. H. JonesRiver Basin newddick TC-4\* Rain Gauge, by 1853 old gauge  
1925 M.O.

Diameter ...			5								
Height .....			1.								
Altitude ...			180								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del>
January ...			5.80	4.27	3.93	2.87	4.04	4.27	7.24	1.52	5.92
February ...			5.02	7.41	1.08	6.30	3.43	3.45	3.40	1.49	.70
March .....			3.70	1.58	2.14	1.46	1.09	4.03	2.00	1.10	2.10
April .....			2.69	4.40	2.84	2.55	1.52	1.77	1.32	1.28	2.24
May .....		2.57	1.90	3.58	6.24	4.44	2.68	1.72	1.17	3.31	2.04
June .....		.54	1.94	2.11	3.23	.07	2.68	5.42	5.80	3.32	2.43
July .....		2.15	4.77	4.32	5.61	2.57	5.95	4.93	4.23	3.01	4.24
August .....		7.58	5.42	4.67	5.72	5.92	4.24	6.69	6.42	4.09	6.04
September...		2.22	4.99	5.67	6.55	4.72	3.01	5.13	2.38	2.62	4.40
October .....		4.32	1.07	8.93	4.96	4.47	3.70	4.05	7.02	8.75	6.02
November...		3.18	2.59	5.16	2.33	2.45	6.51	4.34	6.70	9.79	5.23
December...		4.76	4.43	4.29	5.96	3.24	1.57	1.75	3.50	6.56	7.95
TOTALS...		imp	44.72	56.39	50.39	41.05	40.42	47.55	51.18	46.84	49.37
		D	D	D	D	D	D	D	D	D	D

1920. Obs. taken at 9 a.m. in summer. ... 1921-1930 are slightly low generally due to the use of an incorrectly graduated measure which read 2% low.

Apple trees 10% high 30% S.E.W.

Deciduous trees 25% + 36% E.S.E.

Evergreen shrub belt 20% + 25% W.N.W.

1930. In the second half of the year the readings are shown in 2 columns for comparison of

A. Old gauge + measure.

B. new M.O. gauge + certified measure.

C. gauge placed side by side 1 ft. apart.

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	Parish Church.	Distance from gauge	Direction
1922			Yorvyn	2 3/4 mi	N.W.	Yorvyn	2 3/4 mi	N.W.
1920							2 1/2	W.S.W.

RAINFALL at Yowyn, Brongymor.new gauge.

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County of Merioneth.Observer La. J. H. Jones.River Basin Mawddach S. 4.M. C. Rain Gauge, by.

Diameter												5
Height												1
Altitude												180
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January												(6.04)
February												(.72)
March												(2.13)
April												(2.30)
May												(2.11)
June												(2.48)
July												4.31
August												6.17
September												4.49
October												6.12
November												5.35
December												8.13
TOTALS												(50.35) D.

1930. The difference in readings between gauges wholly due to the fact that 0.49" old measure - 0.50" new measure.

3 ft. from old gauge. Jan. June adjusted from old gauge.  
Catches 2% more than old gauge with incorrect measure.

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	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Town (Bronffynon) new gaugeCounty of MerionethObserver Sr. T. Henry JonesRiver Basin 4 - Mawddach & c.Type of Gauge SnowdonAnnual Average in based on years obs. un-weighted. Period of average Ref.

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Diameter	5.											
Height	1.0.											
Altitude	180											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.09	4.40	4.05	3.26	1.89	5.94	4.78	4.49	6.75	3.37	4352	
February	4.84	14	3.89	59	4.78	2.25	7.40	1.68	4.06	3.92	3355	
March	1.39	2.67	3.00	3.13	1.17	2.42	2.27	2.20	2.61	2.69	2355	
April	5.24	2.34	0.92	2.37	4.67	2.12	3.45	.37	2.19	3.11	2678	
May	4.43	5.30	1.58	3.94	2.11	1.77	1.64	2.08	0.73	1.87	2545	
June	5.43	1.57	3.40	2.43	5.60	6.19	2.03	3.85	2.94	.73	3417	
July	3.71	5.15	2.20	1.17	1.28	6.05	3.02	5.58	9.14	7.06	4466	
August	4.92	1.34	1.76	7.29	3.34	2.15	1.82	4.34	4.16	89	3201	
September	3.43	4.18	1.17	3.89	6.81	5.18	3.15	2.79	1.50	4.56	3666	
October	2.59	6.59	5.56	5.12	6.02	2.37	3.51	6.26	2.91	5.32	4625	
November	7.89	3.39	1.25	1.82	6.04	6.12	1.75	6.15	7.80	8.08	5029	
December	3.05	2.39	2.30	7.57	2.93	5.12	3.40	4.01	3.59	4.43	3879	
TOTALS	51.01	39.96	31.08	42.58	46.64	47.68	38.22	44.10	45.38	46.03	43568	K.M.

1931. Trees 10' high, 20' lvs.  
 Shrubs 6' " " 25 yds. W. N. W.  
 Trees 25' " " 36 " " S. E.  
 1936 Shrubs 10' high 25 yds W. N. W.

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1931.			Town	2 <sup>3</sup> / <sub>4</sub> m. W. S. E. to Town		2 <sup>1</sup> / <sub>4</sub> m. W. S. E.



Station No. 4339RAINFALL at Towyn (Bronffynnon)

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County of MerionethObserver D<sup>r</sup> T. Henry JonesRiver Basin H. Mawddoch &c.Type of Gauge SnowdenAnnual Average 42.5 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. fileFile No. 66222626

Diameter	5				524	70					
Height	10					1					
Altitude	180					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.49	5.85	5.67	3.99	3.32	5.13	3.76	9.41	3.29	1.19	
February	3.17	1.16	3.24	2.36	4.06	3.36	1.34	2.35	1.65	6.73	
March	2.31	2.93	1.21	0.57	2.14	1.18	7.01	1.98	2.91	2.48	
April	1.88	1.61	1.51	2.65	1.95	1.19	2.93	1.81	4.84	4.66	
May	2.90	3.71	4.17	1.92	3.75	2.01	4.36	1.61	3.77	0.77	
June	1.41	0.48	4.22	3.27	4.59	5.00	2.45	4.69	0.78	3.45	
July	3.35	5.64	3.19	3.84	2.69	3.47	3.71	3.06	1.93	3.64	
August	3.92	3.58	4.43	2.79	3.91	6.41	4.7	5.36	2.56	9.12	
September	1.65	3.82	5.27	3.90	2.79	6.49	2.36	4.36	2.77	10.54	
October	5.95	4.97	4.65	5.71	3.74	2.32	0.99	3.82	9.13	5.31	
November	3.03	1.02	4.29	6.57	6.4	6.37	4.52	4.69	5.65	4.91	
December	2.61	5.81	1.91	3.67	4.83	5.06	4.67	6.07	5.34	3.57	
TOTALS	35.67	40.58	43.76	41.24	38.46	47.44	38.57	49.21	43.62	56.47	

1941 Jan adf for snow.  
 Apple trees 10' high 30' SSW.  
 belt green shrubs 10' high 25 yds WNW.  
 belt deciduous trees 25' high 36 yds ESE.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map

Reference No. 22-618036

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Towyn	2 1/2 m	WSW	Towyn	2 1/2 m	WSW

BRITISH RAINFALL ORGANIZATION

Station No. 4339

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RAINFALL at Towyn (Bronffynnon)County of Merionethshire Observer Dr. T. Henry JonesRiver Basin 4 - LlaneddacholType of Gauge SnowdonAnnual Average 43.5 in. based on 20 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. fileup. 4126  
4336File No. 662226/26

Diameter ...	5"				504	70					
Height ...	1' 0"					1					
Altitude ...	180'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.21	4.15									
February ...	3.93	1.62									
March ...	6.18	2.80									
April ...	2.90	2.69									
May ...	2.24	3.71									
June ...	1.16	3.37									
July ...	2.07	1.90									
August ...	6.11	5.69									
September ...	5.66	2.93									
October ...	1.86	5.45	#								
November ...	6.61	4.33									
December ...	7.72	4.01									
TOTALS ...	50.15	42.65									
	D	D	N.R.								

1941 Apple trees 10' high 30' SW; Bell green shrubs 10' high 25' W.N.W.  
Bell laurel trees 25' high 36' E.S.E.

1951 7.11.0.

T. 1953. Moved to Kent.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 22 618036

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Towyn	23	W	630	Towyn	27 W.S.W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1921 igne 1922-30 D	D	D	