

RAINFALL AT Welfield [Built]

Lat. _____

Lon. _____

County of Radnor

Rain Gauge, by _____

Observer E. A. Thomas EsqWye - 1.

Diameter							5				
Height							110				
Altitude							740				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							1.29	1.86	1.69	6.61	
February ....							.63	2.77	2.56	5.08	
March							4.57	5.11	1.40	1.65	
April .....							.80	4.12	2.61	3.36	
May .....							.23	1.18	1.73	3.61	
June							1.24	2.89	2.09	1.15	
July							2.16	3.25	1.29	.92	
August							1.71	5.23	2.96	1.06	
September....							7.60	3.48	1.11	2.31	
October							4.62	1.98	5.39	3.74	
November....							1.02	2.93	2.18	2.81	
December							4.97	7.16	4.92	3.05	
TOTALS							30.84	41.96	29.93	35.35	

1897 Llanewydd Church $1\frac{1}{2}$ mile SE
 Cottage 20 ft high 30 ft NW.

RAINFALL AT Welshfield [Brieth]

Lat.

Lon.

County of Radnor

Rain Gauge, by

Observer E. A. Thomas Esq.Wye - 1.

Diameter ..	5										
Height	1 10					2 10		2 0		2 10	
Altitude ..	740 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.79	2.96	2.26	5.58	5.38	1.71	6.14	1.50	1.88	2.31	
February ..	4.29	1.08	1.21	4.41	4.65	1.77	2.90	2.12	1.72	.19	
March ....	.70	5.10	1.87	8.14	1.87	6.02	3.21	2.25	4.45	3.22	
April	1.47	3.43	2.18	1.98	2.20	3.29	.87	2.12	3.08	3.60	
May	3.44	1.27	2.51	3.91	1.87	1.57	2.88	3.83	2.30	1.64	
June	3.35	1.46	2.73	3.10	1.50	2.05	2.37	5.23	2.02	.86	
July	1.66	3.12	2.13	3.17	1.75	2.46	.99	4.51	3.90	3.97	
August	3.92	2.14	2.99	6.16	4.05	5.70	2.76	3.20	4.90	1.49	
September ..	.76	2.28	2.42	3.88	1.65	2.01	1.48	.70	2.22	3.87	
October	5.89	3.11	3.02	8.26	2.06	2.57	5.75	6.41	3.29	6.16	
November ..	3.37	2.35	3.14	2.57	2.18	3.29	4.30	3.00	3.04	2.48	
December ..	6.73	6.01	3.05	3.95	3.61	1.37	3.93	4.78	4.40	6.59	
TOTALS ..	40.37	34.3	29.51	54.91	32.90	33.91	37.58	39.75	31.30	36.28	376.82

Brieth Wells Station 1 1/4

S

RAINFALL at Welford [Builth]County of RadnorObserver Capt E. A. Thomas EsqRiver Basin Wye 1

Rain Gauge, by _____

Diameter ...	5											
Height	2 10	1 10								2 0		
Altitude ...	740									730		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS Totals	
January ...	(3.87)	.87	4.48	5.69	2.80		3.31	1.33	5.10	1.86	11.00	
February ...	(5.57)	3.82	2.64	2.77	5.91	imp	6.93	.82	4.14	3.33	15.22	
March	1.59	1.31	6.85	8.13	6.48	1.25	2.73	2.26	1.91	6.32	13.22	
April	3.13	2.18	.48	6.83	1.88	1.22	2.27	1.97	2.67	2.89	9.80	
May	1.86	1.34	1.62	2.92	1.90	3.66	5.14	4.29	2.84	.42	12.69	
June	4.71	2.76	5.57	2.93	2.25	2.00	1.81	2.92	1.03	1.89	7.65	
July	4.22	.31	3.57	.50	4.66	imp	1.60	3.13	3.99	1.44	10.16	
August	5.49	3.69	9.19	2.85	2.00	imp	2.87	8.45	2.19	3.46	16.97	
September ...	.46	3.30	.89	2.40	2.17	1.51	2.07	2.82	8.42	1.94	15.25	
October ...	2.86	4.84	5.24	5.95	2.11	3.72	8.08	6.48	3.69	1.62	19.87	
November ...	6.98	5.68	3.07	5.47	6.20	3.24	5.21	3.04	3.23	3.17	14.65	
December ...	10.13	9.18	7.25	3.33	11.44	8.67	3.35	14.2	7.12	8.16	18.77	
TOTALS ...	50.87	39.28	51.18	49.77	50.80	imp.	45.37	37.65	46.33	55.90	165.25	

✓ 96

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Builth Wells	1 1/2 m				

RAINFALL at Built Well, (Safordyrs)County of Radnor Observer Capt. E. C. ThomasRiver Basin Wye /Rain Gauge, by Capt. Thomas ⁵⁰⁴₄₉₆₅₀₄₄₉₇ } 7.21 ford glass .009 (-0.1) Cor'd 21-12.23.39-40

Diameter ...	5													
Height	2.0		.10							1	10			
Altitude ...	730		740											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS	1920-30 TOTAL		
January ...	6.18	5.22	5.19	3.43	4.20	5.44	6.13	5.83	8.16	1.46	7.85	59.74		
February ...	3.32	.14	5.91	11.06	.57	7.92	3.58	3.83	4.36	.62	.53	41.84		
March	6.35	4.18	4.05	1.85	1.13	1.41	1.33	5.47	3.50	.38	2.72	32.37		
April	7.41	1.01	3.68	3.04	4.69	4.14	3.36	2.25	1.14	.77	3.68	35.17		
May	4.79	1.14	1.05	3.48	6.65	5.43	2.90	1.85	.80	3.71	2.06	33.86		
June	3.99	.79	1.58	.77	3.23	.20	2.33	4.49	5.22	3.64	1.21	27.45		
July	6.31	1.91	5.87	2.95	5.26	4.04	4.19	4.35	1.91	3.06	4.43	44.28		
August	1.94	4.02	3.63	3.72	5.33	3.19	4.64	6.92	4.80	2.65	4.09	44.93		
September...	3.19	1.55	3.65	3.99	6.85	3.69	3.16	5.82	1.68	2.09	5.35	41.02		
October	4.01	2.31	1.09	3.25	6.14	5.53	4.54	3.33	7.01	6.74	5.53	54.48		
November...	2.83	3.23	2.81	3.73	4.25	2.96	9.01	3.42	8.96	11.03	5.51	57.74		
December...	5.80	4.20	6.37	3.49	4.40	4.67	1.05	3.54	3.59	12.31	5.64	58.06		
TOTALS...	56.12	29.70	44.88	49.81	56.30	48.62	46.22	51.10	51.13	48.46	48.60	530.94		

Inspected 21.12.21. Gauge in very sheltered garden - trees all round. 94.
 under very cork and C. probably useless. Wall on S. side on E. Apple tree
 20 ft. high, 15 ft. W. of gauge moved 30 N. to slight more open site. To be cut at
 1 ft. width of shading and of ground at 1' 6" - handle to be provided.

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	Parish Church.	Distance from gauge	Direction
1920			Built Well	1 1/2 m.	S			
1930			"	"	"	Blanchard	1 m.	S.E.

RAINFALL at Buileth (Gefndysys) new gaugeCounty of Radnor Observer Captain G.A. ThomasRiver Basin 1-WyeType of Gauge M.O.Annual Average 41.5 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. S

759234/27

Diameter	5											
Height	1.10											
Altitude	740											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	4.19	6.76	3.78	4.12	1.13	5.51	5.90	5.73	6.56	2.92	46.65	
February	4.18	17	5.09	26	4.64	2.17	5.53	1.71	3.75	2.57	30.07	
March	1.08	2.25	3.37	2.69	1.22	2.33	2.72	3.35	1.92	2.95	20.88	
April	3.44	4.58	82	3.32	4.32	2.38	2.58	2.22	3.20	3.10	27.96	
May	5.32	5.36	1.70	1.95	1.99	1.64	1.48	3.17	0.76	2.21	24.58	
June	4.20	1.16	4.42	1.20	4.87	4.12	1.09	2.93	2.20	1.07	27.26	
July	4.61	2.85	3.53	1.78	3.34	5.89	2.66	4.78	5.57	4.82	36.83	
August	3.97	1.71	1.01	3.00	1.34	3.30	0.57	3.26	1.58	3.38	17.12	
September	1.92	3.53	1.56	2.70	5.71	3.17	2.64	1.59	0.66	2.05	25.53	
October	1.30	7.63	6.31	3.77	4.40	3.30	3.44	6.16	2.30	5.41	44.02	
November	7.67	3.65	1.14	1.64	6.19	4.46	1.32	6.49	9.03	10.16	51.75	
December	2.11	2.73	1.16	8.45	3.59	5.02	2.94	4.68	2.34	3.42	36.44	
TOTALS	43.99	42.38	33.89	34.88	38.79	40.29	32.87	41.07	39.87	41.36	383.09	

1933. 9 am 15 to 20° estimated by new Station, (then open).

+ Inspected 12/8/37 by Dr. Glaspoole. Gauge in excellent exposure but somewhat over-sheltered by collages.

1938 New g. set up 5/38 within few ft. of old one. Old g. dismantled 6/38. The two gauges ran concurrently from Apr 22nd - May 22nd only. (See enc. 243 p. 759234/27)

§ Turf wall round gauge (Footnote in B.R. 1938)

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
1933.			Buileth Vale	1 1/2 mi.	S.	Slaneuchedd	1 mi.	S.S.E.

Station No. 4221

RAINFALL at S Builth (Cefndyrys) new gauge

41

County of RadnorObserver Captain E. A. ThomasRiver Basin 1 - WyeType of Gauge M.O.Annual Average 41.5 in. based on 26 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref SFile No. 759234/27

Diameter	5			468	344						
Height	1 0				1 0"						
Altitude	740			41		730'			740'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	2.60	3.90	7.20	4.82	3.30	5.33	3.48	9.69	1.73	1.17	43.22
February	3.72	0.43	3.08	1.20	4.47	6.57	1.56	3.60	1.82	2.23	33.68
March	3.45	2.60	0.86	0.50	1.54	1.31	7.28	2.29	1.63	1.24	23.09
April	1.28	2.79	1.27	1.62	1.81	1.60	3.24	2.51	3.55	2.79	22.46
May	3.14	5.12	3.23	1.41	3.65	3.04	3.13	3.16	3.41	1.81	31.10
June	1.22	.60	3.54	2.34	4.17	2.88	1.66	3.53	1.07	1.89	22.90
July	2.50	3.03	1.81	2.32	1.85	2.36	2.04	1.68	0.77	4.26	22.62
August	5.87	3.15	3.45	2.88	3.80	6.17	.48	3.69	2.31	5.86	37.66
September	1.77	2.85	5.84	3.18	2.68	5.87	2.17	2.83	2.67	6.14	36.00
October	5.37	3.93	4.97	6.09	5.18	1.60	0.89	3.28	5.78	1.73	38.82
November	4.38	0.87	3.66	6.04	0.89	8.63	4.60	2.40	5.31	5.26	42.34
December	3.26	4.69	1.90	3.51	5.46	3.94	4.22	7.72	5.10	2.34	42.14
TOTALS	38.56 D	33.96 D	40.87 D	35.91 D	38.80 D	49.30 D	34.75 D	46.38 D	35.15 D	42.22 D	395.94 D

1941 Vegetables near gauge.

1942 Cottage 20' high 25 yds NW.

X

S Turf wall round gauge

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
1941			Builth	2 1/2 m		Manchoed	1 1/2 m	
1942			Builth	1 1/2 m	S	Manchoed	1 m	SE
1943			Builth Rd	1 m	NW	Llanwedd	1 1/2 m	
1947			Builth walls	2 m	S.	"		

BRITISH RAINFALL ORGANIZATION

Station No. 4221

51

RAINFALL at 8 Buith (Refudymys)

County of Radnorshire

Observer Capt E.A. Thomas

River Basin 1-12ye

E.A. Thomas, Esq. (1952)

Type of Gauge H.O.

Annual Average 41.5 in. based on 26 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S

42.15 .. 34 .. (within) 1922-56 1916-1950 7.89234/37

File No. 7.89234/37

Diameter ...	5"				468	344						
Height ...	1' 0"					1						
Altitude ...	740'		750'			51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Table
January ...	4.76	4.52	1.07	3.22	2.89	5.18	4.04	4.07	4.75	5.83	40.33	
February ...	4.23	1.05	1.83	3.92	1.74	0.58	4.38	7.19	0.37	5.17	30.46	
March ...	4.61	1.57	3.41	3.06	3.93	1.86	3.51	0.77	3.44	2.54	28.70	
April ...	3.74	3.16	3.19	0.72	1.97	1.81	0.23	1.09	3.37	2.25	21.54	
May ...	2.59	2.91	2.01	2.21	6.22	0.67	2.10	2.99	1.80	1.34	23.84	
June ...	0.62	2.88	1.80	5.16	5.65	2.24	1.32	3.34	3.10	2.51	28.52	
July ...	1.24	1.30	3.40	2.67	1.46	3.16	3.32	4.16	3.84	4.06	28.60	
August ...	5.21	5.50	3.46	6.07	1.59	5.50	4.09	2.69	0.54	3.56	38.21	
September ...	3.14	3.55	4.39	4.04	1.59	4.07	6.94	5.76	0.25	4.58	38.31	
October ...	0.95	5.81	3.01	5.59	2.67	2.41	3.12	4.29	4.90	6.82	39.57	
November ...	8.60	2.48	3.30	9.14	3.42	1.91	3.02	3.11	6.20	8.60	49.65	
December ...	5.10	4.43	1.42	3.19	4.54	4.57	2.86	3.72	7.90	6.31	44.04	
TOTALS ...	44.79	39.16	32.29	49.00	36.51	33.95	38.93	43.18	40.33	53.57	411.77	

10

1942 Cottage 20' high 25 yds NW.

1957 Tree 100' at 50° E, Wall 8' at 15° S, House 25' at 20° NW

8" Turf wall round gauge

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 32/039530

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1947 1957			Buith Buith Wells	2 1/2 mi	S	Harewood	1 1/2 mi	SE
				1 mi	S	"		ESE

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910 - 1911 imp 1912 D 1913-14 - 1915 imp	1920 T 1921 A 1922 D 1923-25 A 1926-30 D	1931-32 D 1933 D 1934-40 D	D	