

RAINFALL AT Welfield [Brith]

Lat. _____

Len. _____

County of Radnor

Wye - 1.

Rain Gauge, by _____

Observer Ea Thomas Eg

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
February63	2.77	2.56	5.08
March								4.57	5.11	1.40	1.65
April80	4.12	2.61	3.36
May23	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	2.81
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 Llanbedd Church 1½ mile SE
Cottage 20 ft high 30 ft N.W.

RAINFALL AT Wolffield [Builth]

Lat.

Lon.

County of Radnor

Rain Gauge, by

Observer E. A. Thomas Esq.

Wye - 1.

Diameter ..	5										
Height	110					210		2.0		2.10	
Altitude ..	740 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.79	2.96	2.26	5.38	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	2.80	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	5.83	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	3.89	6.16	
November ..	3.37	2.35	3.14	2.57	2.18	3.89	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	[230]	36.28	37.682

D D m p m p m p m p

Builth Wells Station 1/4

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RAINFALL at Welfeld [Builth]

County of Radnor

Observer E. A. Thomas Esq.

River Basin Wye

Rain Gauge, by 1

Diameter ...	5											
Height	2 10	1 10									Σ 0	
Altitude ...	740										730	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 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	6.88	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	.43	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	→	1.60	3.13	3.99	1.44	10.16	
August	5.49	3.69	9.19	2.85	3.00	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	3.87	5.47	6.20	3.24	5.21	3.04	3.23	3.17	14.65	
December ...	10.19	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	51.19	49.77	50.80	imp.	45.39	37.65	46.33	35.90	165.25	d

✓98%

Date.	Lati. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Bridgend	1 1/4 m				

RAINFALL at Builth, (Bryndyrys)

County of Radnor

Observer Capt. E. H. Thomas,

River Basin Wye /

Copper Standard Rain Gauge, by
v. my dep.504
496
504
497
1/2

Total less 10% (a) Combs 21-12-23.39-28

Diameter ...	5											
Height	2.0		10								10	
Altitude ...	730		740									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	M.EAN:
January ...	6.18	5.22	5.19	3.48	4.20	5.44	6.13	5.83	8.16	1.46	7.85	59.74
February ...	2.92	1.14	5.91	11.06	1.57	7.92	3.58	3.83	11.36	1.62	.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	5.45	2.90	1.85	.80	3.71	2.06	33.86
June	2.99	.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	8.25	6.14	5.83	4.54	3.33	7.01	10.74	5.53	54.48
November...	2.89	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

Expedited Cl. 14.7.21. Gauge is very sheltered garden. Sides all round. under very cock-sure & probably curved. Wall on S. trees on E. Apple tree 20 ft. high, 15 ft. w.g. to be moved 30 ft. to slightly more open site. To be at 1 ft. raised & sheltered & pond at 1'6" - baffle to be provided.

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
1920			Builth Well	1½ m.	S		
1930			"	"	"	Blanchwedd	1 m. SE

RAINFALL at Builth (Llandyrys) new gauge.

County of Radnor.

Observer Captain G.A. Thomas.

River Basin Wye.

Type of Gauge M.C.

Annual Average 4.35 in. based on 2½ years obs. un-weighted. Period of average 1931-1935. Ref. S

759224/27

Diameter	5	Height	1.10 <th data-cs="9" data-kind="parent">(on completion)</th> <th data-kind="ghost"></th> <th></th>	(on completion)									
Altitude	760	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Totals
January	4.19	6.76	(3.78)	4.12	1.18	6.51	5.90	5.73	6.56	2.92	46.65		
February	4.18	1.17	5.09	2.6	4.64	2.17	5.53	1.71	3.75	2.57	3007		
March	1.08	2.25	3.37	2.69	1.22	2.33	2.72	1.35	1.92	2.95	2088		
April	3.44	4.58	8.2	3.32	4.32	2.38	2.58	1.22	3.20	3.10	27.96		
May	5.32	5.36	1.70	1.95	1.99	1.64	1.48	3.17	0.16	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	1.34	5.89	2.66	4.78	5.57	4.82	36.83		
August	3.97	1.71	1.01	3.00	1.34	1.30	1.57	3.26	1.58	1.38	17.12		
September	1.92	3.53	1.56	2.70	5.71	3.17	2.64	1.59	0.66	2.05	2553		
October	1.30	7.63	6.31	3.77	4.40	3.20	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	5.42	36.44		
TOTALS	43.99	42.38	(33.89)	34.88	38.79	40.29	32.87	41.07	39.87	41.56	389.09		

1933. Jan 1st to 20th estimate by new station, (Gauge agreed.)

† Inspected 12/8/37 by Dr Glasspole. Gauge in excellent exposure but somewhat over-sheltered by cabbages.

1938 New g. set up 5/38 within few ft. of old one. Old g. dismantled 6/38. The two gauges now concurrently from April 2nd-May 22nd only. (See exc. 243 p. 759224/27)

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

† Inspected Dr Glasspole 12/8/37

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.			Builth Wells	1½ mi.	S.	Slanchwedd	1 mi.	SS.E.

Station No. 4221

41

RAINFALL at S Builth (Cefn-dyrys) new gauge.

County of Radnor
 River Basin 1 - Wye
 Type of Gauge M.C.

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

File No. 759234/21

Diameter	5		468	344							
Height	1	0			1	1' 0"					
Altitude	740				41		730'			740'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means 1941-45
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	1.92	2.23	33.68
March	3.45	2.60	0.86	0.50	1.54	1.31	7.28	2.29	1.63	1.04	23.00
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	1.64	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	0.86	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	0.84	3.66	6.04	0.89	8.63	4.60	2.40	5.31	0.36	42.34
December	3.26	4.69	1.90	3.51	5.46	3.94	4.22	7.72	5.10	2.84	42.14
TOTALS	38.56	33.96	40.81	35.91	38.80	49.30	34.75	46.38	35.15	42.32	395.94

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
1941			Builth	2 m	S	Llanidloes	12 m
1942			Builth	1 1/4 m	N.W.	Llanidloes	1 m
1944			Builth Rd	1 m		Llanidloes	SE
1947			Builth walls	2 m	S.	"	1 1/2 m

Station No. 4221

51

RAINFALL at Llanwrith (Llefndyrys)

County of Radnorshire

Observer Capt F A Thomas

River Basin 1 - Wye

Capt F. A. Thomas, Eng. (1952).

Type of Gauge M.O.

Annual Average 41.5 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. S
 42.15 34 1922-56 1916-1950 File No. 739234127

Diameter	5"			468	344							
Height	1' 0"					1						
Altitude	740'	750'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
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	0.73	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	1.84	23.84	
June	0.62	2.88	1.80	5.16	5.65	2.24	1.32	3.34	3.0	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	0.5*	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	38.81	
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	6.07	8.60	49.65	
December	5.10	4.43	1.42	3.19	4.64	4.57	2.86	3.72	7.90	6.31	44.04	
TOTALS	44.79	39.16	32.29	49.00	36.57	33.95	38.93	43.18	40.33	53.57	411.77	

1952 Cottage 20' high 25 yds NW.

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

63

Llanwrith round gauge

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 32030530

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1947 1957			Burth Burth Wells	2 mds 1 mi	S S	Hanewedd "	1½ mds 1 mi	S ESE

Summary of Earlier Records from 10-year Sheets :

1881

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		1910 1911 1912 D 1913-14 1915-16	1920 1921 1922 D 1923-25 D 1926-30 D	1931-32 D 1933 1934-40 D	D	