

RAINFALL AT *Garthbivis Bulch Tarnlyd*

Lat.

Lon.

 County of *Montgomery*

Rain Gauge, by

 Observer *G. J. Symonds Esq. F.R.S.*
Swim - 5.

Diameter		5									
Height		1. 2									
Altitude		1368						1370			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...		1.10	10.55	11.60	17.60	6.60	(1.50) 6.60	6.60	(3.00) 6.70		
February ...		(11.00) 5.70	6.50	(6.00) 7.60	(1.20) 7.60	(1.20) 7.60	(1.20) 7.60	3.20	(3.00) 8.10		
March		(19.00) 11.50	2.00	(10.00) 2.90	(4.00) 2.90	(5.00) 3.40	(5.00) 3.40	3.40	(2.00) 4.60		
April		3.10	6.30	1.10	3.40	3.60	3.90	4.60	4.30	1.40	
May		9.80	3.50	3.30	6.30	5.90	8.30	3.30	1.70	7.20	
June		5.60	9.30	6.00	1.50	4.40	3.10	1.60	3.20	1.60	
July		5.60	10.20	5.70	6.10	2.50	6.80	4.70	11.80	4.30	
August		10.80	8.10	6.40	2.70	5.20	2.90	3.80	13.60	13.80	
September ...		6.50	6.40	13.20	6.20	8.90	7.10	5.20	3.70	7.30	
October		8.25	7.90	10.30	6.90	14.30	7.80	2.90	4.50	10.60	
November ...		(16.25) 10.00	10.20	11.70	(4.00) 8.10	(4.00) 8.10	4.60	4.70	16.00	5.10	
December ...		7.50	12.40	10.30	(2.00) 17.00	2.70	13.20	9.40	9.90	8.90	
TOTALS ...		67.25	108.05	88.10	81.70	72.70	71.40	53.40	76.80	79.60	

1888 January February December "Frozen"

months - distribution for average (x. 20)

RAINFALL AT

17

Gauthier's Birch Tombyd

Lat.

Lon.

County of

Montgomery

Rain Gauge, by

Observer

C. J. Symons Esq. F.R.S.

Seven - 5. Monthly

Diameter	5							5			
Height	12							10			
Altitude	1370							1370			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.30	11.60	14.00	6.55	9.00	10.80	8.80	(8.70) 7.80	16.40	10.300	
February	(6.10) .00	7.50	9.80	14.00	2.45	2.00	(10.70) 10.00	10.00	3.90	6.580	
March	(17.00) 16.10	6.80	4.00	2.60	7.70	13.00	18.30	11.80	6.60	4.20	8.500
April	3.00	3.20	5.10	1.40	8.30	7.20	5.20	9.20	4.90	8.00	5.530
May	5.20	5.30	12.50	7.30	9.70	2.10	.00	3.80	10.50	5.60	6.200
June	4.80	7.60	13.00	9.00	12.00	5.00	6.40	10.30	8.10	3.00	7.920
July	11.50	6.20	5.60	8.80	11.10	11.30	9.20	8.70	2.50	2.60	7.750
August	10.90	11.90	10.80	10.20	9.00	16.20	11.70	13.10	9.70	4.80	10.830
September	8.60	9.00	11.00	13.40	7.10	4.60	15.20	9.00	5.10	6.70	8.970
October	9.20	13.20	3.00	10.50	14.20	10.40	8.60	4.30	10.80	5.30	8.950
November	18.60	13.50	5.30	9.20	15.10	17.00	5.90	12.30	11.30	9.40	11.760
December	2.50	11.50	8.05	8.70	13.85	14.00	10.00	11.20	13.70	10.00	10.340
TOTALS	99.70	99.80	99.85	97.45	131.05	114.05	101.30	112.40	101.00	79.90	103.650

1892 October much too small.

1897 New gauge C Oct: 7.95 in. Nov: 5.50 in. Dec: 10.40 in.

1896

Dec '96 estimated

RAINFALL AT *Garthlibia Bulch Tonlyd*Lat. Lon. County of *Montgomery*

Rain Gauge, by

Observer

*H. S. Wallis + D. M. M. L.**Severn, L. bank - 5.**Mr. David Jones.*

Diameter ..	5										
Height	1.0										
Altitude ..	1370										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	14.20	(6.90)	11.20	9.30	4.60	4.00	10.20	4.00	4.90	5.50	7.490
February ..	11.70	(11.90)	(4.00)	13.10	(6.60)	6.00	9.50	4.00	(6.00)	3.00	6.890
March	4.70	5.20	(6.00)	10.50	(3.00)	11.70	8.80	5.30	(13.20)	4.90	6.710
April	7.20	3.80	6.60	4.80	6.10	5.90	.90	4.30	3.80	9.80	5.320
May	9.30	1.90	3.70	6.20	3.80	1.10	6.70	5.60	5.00	4.10	4.740
June	10.50	4.30	5.90	3.30	4.90	1.50	4.40	13.60	3.10	4.30	5.580
July	3.10	6.50	7.40	8.60	2.40	.90	2.90	6.70	6.90	4.70	5.010
August	8.60	7.30	1.60	12.00	5.00	8.10	5.50	12.70	5.20	1.80	6.780
September ..	3.00	5.00	9.10	9.90	1.90	2.70	2.10	1.70	9.10	3.40	4.790
October	11.00	8.20	4.50	14.30	4.40	3.20	9.00	10.90	4.80	10.30	8.060
November ..	10.40	11.90	5.40	10.10	4.60	6.10	8.20	5.80	6.10	5.00	7.360
December ..	16.00	17.30	10.00	5.20	5.80	4.30	9.30	9.40	8.80	9.60	9.580
TOTALS ..	109.70	83.30	75.40	107.40	53.10	55.50	77.60	84.00	70.90	66.40	76.30

1907 New g. Feby.

Inspected VIII. 96 H.S.W. g. quite worn out. Funnel rather unsteady sloping to W.
 Inner can adhering to outer can. No appreciable leak.

RAINFALL at Garthbilio Bush TomlydCounty of MontgomeryObserver D. H. R. MillRiver Basin Severn-Lep Bank Tributaries 5

David Jones

Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	1370 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS TOTALS
January ...	13.00	2.30	(8.90)	(9.70)	9.50	10.40	10.20	5.60	5.10	7.75	26.04
February ...	8.00	9.60	(14.90)	(2.90)	10.80	4.80	12.00	2.60	9.60	1.20	24.92
March	1.60	5.50	14.10	9.40	9.90	1.80	3.54	4.70	3.50	6.40	18.14
April	5.50	4.10	.60	8.40	2.00	1.60	5.10	3.30	2.10	2.90	13.40
May	4.90	1.90	1.60	4.80	1.70	2.00	4.40	4.00	1.80	(2.00)	12.20
June	6.80	4.40	6.30	6.40	2.30	.60	1.80	2.80	1.10	(.500)	8.70
July	7.50	1.10	7.20	.70	4.80	4.10	3.80	2.10	4.20	(.100)	11.10
August	9.20	4.90	12.60	4.20	3.70	4.50	2.70	9.80	2.90	2.30	17.70
September ...	1.70	6.80	2.10	2.30	4.00	.80	1.90	8.30	10.20	4.70	25.10
October ...	4.00	9.20	5.30	5.00	2.20	1.60	12.80	10.00	3.90	2.10	28.80
November ...	10.70	12.40	(6.80)	10.30	9.80	3.90	8.10	7.40	2.60	7.70	25.80
December ...	12.20	10.60	(15.10)	(5.50)	11.60	11.00	9.30	4.30	11.50	12.10	37.20
TOTALS ...	85.10	72.80	87.50	69.60	72.30	51.00	72.10	62.30	58.50	(50.20)	249.10

1916, 17, 19 months not being 42.57 for purpose of averages.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Garthbais (Beulah Tomlyd) (M.)

County of Montgomery

Observer, Brig L Randall organization

River Basin Severn - 5

Paid Over John R. Jones - Air Ministry (1922)

9.25 { Bradford Rain Gauge, by

Excess

No. Bradford ^{sample} Capacity 27 inches
Cent. and fruit on 23rd Feb 1928

9.25
sound
+ correct

Diameter ...	5"												
Height	1.0												
Altitude ...	225												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-29 782.5	
January ...	13.40	14.00	12.20	9.00	4.10	8.50	9.00	(10.00)	(14.30)	3.10	11.40	109.00	
February ...	9.90	4.0	11.40	12.00	2.00	13.50	8.50	(6.00)	14.60	(1.20)	.90	86.40	
March	6.00	5.20	3.80	1.50	3.80	5.00	4.60	(9.00)	4.10	.10	4.60	47.00	
April	7.90	2.10	2.00	5.00	5.10	6.10	3.00	(4.50)	3.80	2.20	4.50	46.20	
May	5.30	2.70	.90	4.00	9.00	13.00	7.70	1.90	1.40	3.10	6.80	55.80	
June	3.90	4.0	4.90	1.50	6.50	30	4.80	(10.00)	9.50	4.80	5.60	52.20	
July	12.60	1.10	7.10	8.00	8.00	7.00	7.80	(5.00)	4.50	4.00	3.00	68.10	
August	5.30	9.30	6.40	(9.00)	10.10	12.10	6.00	(12.00)	9.00	(7.60)	7.80	94.80	
September...	4.20	3.60	7.70	(7.00)	11.50	9.80	5.10	(9.00)	3.10	(3.20)	11.30	75.50	
October	2.20	1.40	1.90	13.50	13.00	8.60	12.00	(11.00)	14.60	13.20	11.70	103.10	
November...	1.50	6.10	4.00	(6.50)	7.10	(4.50)	14.30	(10.00)	14.00	15.40	9.50	92.90	
December...	7.00	9.50	10.00	7.50	14.10	(9.60)	1.40	(5.00)	(6.00)	16.40	7.80	94.30	
TOTALS...	79.40	55.30	72.30	(84.50)	93.60	98.00	84.20	(93.40)	(98.90)	74.30	84.90	919.30	

1920. New page June 19th

1923 Aug. & Sept.: covd. by maps, Nov. estd. Gauge frozen.

Hill 60 ft. high $\frac{1}{2}$ mi. W.

Inspected 25.9.25. B. on flat open moor. Higher land to W. & slight rise to S. fields away somewhat to N & E. Exposure good.

1925. Nov & Dec frozen total distributed by map.

1927. Monthly values except. May set d from maps. Record n. 7.

1929. Feb. aug. + Sept. adjusted by cross stations

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			Chapin C.	9 mi	E	Chapin	3 mi	E
1923	52° 40'	3° 30' W		12 mi	S.E.		4 mi	S.E.

RAINFALL at Gaithribio (Bwlch Tonedd)County of Montgomery Observer J.R. Jones for M.O.River Basin 5-Aber-Lift Bank

Type of Gauge

Annual Average 71.0 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref S

769.00727

Diameter	5											
Height	1.0											
Altitude	1200											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.50	6.80	6.80	5.60	4.50	11.30	8.50	11.70	(10.80)	(6.50)	7800	
February	(8.00)	.95	(10.00)	.34	11.70	7.80	(9.00)	5.50	(7.00)	5.00	6523	
March	.95	5.50	3.30	(5.50)	(3.60)	5.60	(2.70)	2.40	5.00	7.60	4315	
April	5.60	11.40	.45	(4.00)	(6.30)	3.40	5.60	.60	3.40	5.60	4635	
May	(8.70)	9.50	.90	(4.80)	(1.50)	2.80	3.40	7.80	1.30	(3.00)	4370	
June	7.80	2.20	4.50	(3.80)	7.50	6.60	4.50	7.80	3.60	2.10	5040	
July	(7.30)	9.00	(4.50)	(2.50)	(1.56)	9.90	3.50	8.50	9.50	4.60	6086	
August	7.80	.95	.95	5.60	2.10	4.50	2.10	9.60	6.80	3.00	4240	
September	(3.70)	7.80	(1.20)	(6.70)	11.40	5.60	3.50	7.80	3.40	5.70	5680	
October	(2.40)	10.80	9.50	(8.13)	11.30	7.80	6.60	11.70	4.50	(9.00)	8173	
November	11.70	7.80	(1.90)	3.40	(7.70)	6.60	4.00	12.00	11.70	11.70	7850	
December	5.60	8.50	(2.80)	11.40	(5.80)	5.60	3.40	6.80	4.50	(6.10)	6050	
TOTALS	75.05	(81.20)	(46.80)	61.77	(74.96)	77.50	(56.80)	93.20	71.50	(69.90)	70868	

1931. Partly estimated from maps.

1935. not printed, months adjusted by maps + sur. stat.

1934. Monthly values adjusted by maps + surrounding stations.

1936. Months adjusted by maps + for date of reading as necessary.

1937. Feb. + Mar. allocated by nearby stns.

1940. Jan, May, Oct - Dec estimated from maps.

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
1931.			Blanford	15 m.	S.E.	Blanford	8 m.	S.E.

Station No. M 4254RAINFALL at Garthabbio (Bulch Tullyd)

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County of Montgomery Observer J. R. Jones for M.O.River Basin 5 - Severn - left Bank

Type of Gauge

Annual Average 7.6 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 769.002-17

Diameter	5											
Height	10											
Altitude	1200							1250				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	(4.70)	9.60	11.70	9.50	(8.00)	9.40	(5.00)	11.70			58.40	
February	(7.00)	4.60	9.60	(5.00)	11.20	(3.00)	(2.50)	5.60			52.90	
March	7.60	6.80	(3.30)	(1.50)	4.60	(3.80)	11.70	4.60			39.30	
April	3.70	4.60	(3.70)	3.60	4.80	1.00	10.10	2.10			31.50	
May	6.00	9.60	6.60	(4.00)	7.00	3.20	5.60				42.00	
June	3.60	4.6	7.50	(6.60)	(8.60)	5.70	4.00				36.46	
July	4.60	7.60	6.00	(6.70)	(3.90)	6.10	4.50				39.40	
August	9.60	9.50	9.60	(5.50)	6.08	7.60	.95				48.83	
September	2.60	7.60	11.10	(8.20)	8.07	12.50	3.60				53.67	
October	7.70	9.00	8.70	11.20	9.50	3.00	2.00				51.10	
November	3.60	.82	7.60	(12.00)	.70	10.00	(10.00)				44.72	
December	5.70	7.60	6.80	(8.50)	8.60	8.70	9.60				55.50	
TOTALS	66.40	71.78	(32.20)	(82.30)	81.05	84.50	(69.55)	Imp.			553.78	

1941 Jan + Feb app. for snow
Sept + Oct app. by ref. to monthly maps
April cnd.

1943 n.p. high... Mar + Apr amended

1944 n.p. too much est. Feb, Mar, May - Sept, Nov phasid. Dec. est'd.

1945 Jan. est'd. for snow Times July app. for snow

1946 Feb. est'd. March post est'd.

1947 Jan. Feb. + Nov. est'd.

April 1948. Gauge moved to "Old Ben" approx 1 1/2 miles E. sta No 4254/1.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map..... Reference No. UT6

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

BRITISH RAINFALL ORGANIZATION