

RAINFALL at Bennetts Bishopton HallCounty of Montgomery

Observer

The County TimesRiver Basin Snowdonia Left Bank 21st 57 E Marchton by 1977

Rain Gauge, by \_\_\_\_\_

Diameter ...							5			
Height .....							20			
Altitude ...							350			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
January ...							1.85	1.34	2.42	3.16
February ...							3.58	.78	2.21	1.80
March .....							2.99	2.12	1.33	5.60
April .....							1.35	1.46	2.04	1.25
May .....							3.82	3.13	2.05	.45
June.....							2.44	2.49	.45	1.18
July .....							1.59	2.18	4.06	1.80
August.....							1.73	5.23	1.97	3.02
September ..							1.97	1.45	7.79	1.49
October ...							5.28	4.26	2.31	2.88
November..							2.40	1.66	1.63	1.78
December...				7.43			2.07	1.07	5.34	4.51
TOTALS ...							31.07	27.17	33.99	28.44
										84.60

1917 Trees 25 ft high 30 yards "

1916 worked against Welshpool (Edderton Hall) using ratio of  $\frac{389.78}{363.34}$   
based on years 1917-28

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Welshpool	4 m	NE	Bennetts	1.2 m	SW

RAINFALL at Berriew (Brithdir Hall)

County of Montgomery

Observer F.E. Marston, Esq.; *date 7/1/38*

River Basin Severn - 5

MBS F.E. Marston

M O Rain Gauge, by \_\_\_\_\_

Diameter ...	<u>5"</u>										
Height .....	<u>2.0</u>				<u>2.6</u>		<u>2.0</u>		<u>1.0</u>		
Altitude .....	<u>393</u>										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1930 MEANS.	
January ...	<u>4.20</u>	<u>3.44</u>	<u>3.85</u>	2.03	2.02	3.08	3.29	3.22	6.29	1.19	4.69
February ...	<u>3.53</u>	<u>.39</u>	<u>3.71</u>	6.53	2.4	4.45	1.97	2.03	3.44	.64	1.03
March .....	<u>3.69</u>	<u>1.57</u>	<u>2.93</u>	1.17	1.29	.97	.77	2.73	1.96	.56	2.85
April.....	<u>4.44</u>	<u>.79</u>	<u>2.46</u>	1.88	3.58	1.63	2.03	3.29	1.45	.89	2.82
May .....	<u>2.77</u>	<u>1.84</u>	<u>.82</u>	2.68	4.82	3.16	2.43	1.38	1.08	2.19	1.62
June .....	<u>2.33</u>	<u>.53</u>	<u>1.27</u>	.46	2.25	.08	1.05	4.49	3.36	2.28	1.54
July .....	<u>5.46</u>	<u>1.07</u>	<u>3.60</u>	2.60	5.39	1.69	3.50	3.17	1.30	2.49	3.77
August .....	<u>1.06</u>	<u>3.82</u>	<u>2.44</u>	4.07	3.73	3.56	2.82	6.30	3.38	3.28	2.33
September...	<u>1.99</u>	<u>1.35</u>	<u>1.97</u>	2.53	4.48	3.15	2.47	4.57	1.27	1.41	3.97
October.....	<u>3.22</u>	<u>1.89</u>	<u>.87</u>	5.72	4.48	3.38	3.03	3.01	3.23	3.80	4.03
November...	<u>1.54</u>	<u>2.66</u>	<u>1.44</u>	2.67	2.51	2.14	6.03	4.09	(6.31)	7.15	4.69
December...	<u>2.57</u>	<u>2.92</u>	<u>4.25</u>	2.41	4.56	3.44	.92	2.27	(2.48)	8.36	3.53
TOTALS.	<u>36.76</u>	<u>22.27</u>	<u>29.61</u>	34.75	39.35	31.03	30.31	40.54	<sup>5</sup> (35.55)	34.24	36.87

1926 YEW TREES. 33' high 25yds.NE.

371.29

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
			Welshpool.	4 m. N.E.		Berriew	1 mile	S.W.

RAINFALL at Berriew (Brynsaith Hall)

County of Montgomery.

Observer Mrs. F. C. Marston.

River Basin 5-River-Left Bank

*Type of Gauge.....*

Annual Average 30.7 in. based on 12 years obs. un-weighted. Period of average..... 1881-1915 Ref. S

813854 | 27

Diameter	5										
Height	10										
Altitude	350										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Moons Total
January	2.18	4.31	1.85	3.66	1.34	4.32	3.61	5.44	5.02	3.26	3499
February	3.31	.18	3.79	.23	4.18	1.69	5.18	1.21	2.19	2.72	2468
March	1.02	2.72	1.97	2.56	1.12	1.61	2.01	.45	2.08	2.29	1783
April	3.22	4.13	.74	2.88	3.78	2.02	1.73	.14	2.01	2.91	2356
May	5.10	3.62	1.66	2.26	.60	1.32	1.69	2.75	1.56	2.62	2305
June	4.34	4.49	2.96	1.76	2.77	5.41	.94	2.20	1.58	1.57	2402
July	2.34	5.22	1.64	1.80	.66	4.27	1.92	3.73	6.36	3.01	3044
August	4.42	1.49	.98	2.38	1.25	.65	2.81	3.32	1.30	.41	1886
September	2.25	2.42	1.11	1.64	5.76	3.83	1.77	1.06	0.66	2.12	2260
October	.91	4.88	2.35	3.44	5.35	2.94	3.02	5.34	2.16	4.74	3513
November	4.07	2.42	1.00	2.42	4.37	3.72	1.88	5.29	5.30	8.80	3927
December	1.69	1.60	1.15	4.69	2.75	3.73	3.23	3.52	1.73	1.90	2579
TOTALS	34.85	33.48	21.10	29.16	33.92	35.51	29.69	34.25	31.91	36.35	32022

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

1 mile to 1 inch Series								
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church	Distance from gauge	
1933.			Wellsport Montgomery	4 mi. 2 mi.	N.E. S.	Berries	1/2 mi. -	S.S.W.

Station No. 4251

## RAINFALL at Berwick (Borthwick Hall)

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County of Montgomery

Observer Mr F. E. Manton

River Basin 5-Severn - left Bank

Type of Gauge

Annual Average 32.7 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 93854/27

Diameter	5				424	53						
Height	10				1							
Altitude	350				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means	Total
January	354	2.85	5.20	3.57	2.77	4.12	2.13	7.90	1.29	0.95	34.31	
February	235	0.50	1.68	3.17	3.36	4.90	(1.78)	2.41	1.33	6.81	28.24	
March	329	2.17	1.13	0.42	1.15	1.34	8.66	1.73	2.59	6.76	24.45	
April	1.32	1.55	1.34	1.27	2.25	0.68	2.08	1.56	3.23	1.92	18.87	
May	2.69	3.58	3.15	2.02	4.45	2.18	2.53	2.24	29.9	2.07	27.90	
June	1.74	0.60	2.79	2.29	3.62	2.57	1.64	2.21	0.68	1.14	20.28	
July	2.08	3.68	3.32	1.42	1.81	1.62	1.93	1.74	1.36	2.75	20.58	
August	3.35	3.36	2.26	3.55	2.99	4.17	5.28	0.59	3.91	5.19	33.03	
September	1.33	1.58	3.30	3.39	1.93	4.52	1.87	2.62	1.84	5.33	27.09	
October	2.61	2.01	3.92	4.55	4.47	1.33	0.51	2.69	5.02	(2.26)	29.27	
November	2.72	0.73	2.54	5.33	5.12	5.61	5.76	3.65	2.30	4.52	32.11	
December	1.80	4.88	1.94	3.05	3.43	3.59	3.91	4.37	4.66	4.62	33.99	
TOTALS	29.43	26.03	31.96	33.65	38.79	37.63	31.09	36.80	36.71	38.95	330.12	

1941 Jan 17-19. 26 card for snow.

1942 Feb. part total for snow

1950 but part est.

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

Air Ministry, Meteorological Office

Station No. 4251

RAINFALL at Berriew (Bryndwr Hall)

County of Montgomery

Observer Mr E. Marston

TF 38

River Basin S-Severn Left Bank

C.L.G. HUMPHREYS, Esq

Type of Gauge BA

Annual Average 30.7 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. 5  
 " 32.6 " - 35 " 1916-50 " 1916-50  
 File No. 813854/27 P

Diameter ...	5"		4.24	0.53							
Height ...	1'				1						
Altitude ...	350'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.60	4.12	1.05	2.57	2.28	4.70	2.12	3.42	3.98	6.96	34.80
February ...	3.75	0.88	1.95	2.75	2.26	0.48	2.33	4.14	0.19	3.06	21.79
March ...	4.63	1.77	2.56	2.53	2.85	1.24	1.87	1.19	1.52	1.69	21.84
April ...	2.81	1.12	2.90	0.70	1.30	1.74	0.28	0.64	3.55	1.46	16.50
May ...	3.50	2.98	1.53	2.70	4.74	0.51	1.25	3.16	1.79	0.92	23.02
June ...	0.99	2.13	1.38	3.68	3.78	1.32	1.78	4.12	2.95	1.44	23.57
July ...	1.39	0.94	3.66	2.72	0.47	3.71	3.78	4.84	2.72	2.76	26.99
August ...	3.82	3.80	2.80	4.04	1.45	4.57	5.64	3.72	0.62	4.24	35.20
September ...	1.88	2.41	3.28	2.53	1.13	3.01	6.80	7.14	0.17	3.95	32.30
October ...	1.22	4.62	1.87	5.14	1.51	2.03	2.80	2.87	4.12	5.27	31.45
November ...	6.83	2.89	2.82	6.24	1.97	1.24	2.66	1.82	3.20	5.98	36.35
December ...	3.78	3.99	1.35	3.39	3.80	2.77	2.07	2.70	6.00	4.79	34.84
TOTALS ...	38.20	31.65	27.14	39.69	27.54	27.32	33.38	39.26	30.75	43.02	338.65

1955 20' Tree 25°E, 30' house 30°N + 8' fence 150ft W.N.E.

1957 April gauge moved 50°E. 70' tree 15°N, 6' hedge 20°S. + 6' hedge 20°West.

1960 O/S. N.W. → N.E. Ingleton 2.860 Run of trees & N. fence 35°-35°NNE

(P.M.)

Position of Station on Ordnance One-Inch map: No. of Map \_\_\_\_\_ National Grid Reference 55(33)194026

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Parish Church	Distance from gauge
1955			Welshpool	4m E	Berriew	2m W

Summary of Earlier Records from 10-year Sheets: 1916 - 50 P accepted.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1917-19 only	/	/	/	/

All blank Doubt 20-24 Blank 1928 d.

PRB/M.036