

RAINFALL AT

Rushwell Comlongan

Lat. _____

Lon. _____

County of Dumfriesshire

Rain Gauge, by _____

Observer Scotch Meteorological Soc

with 10-3.

Diameter ...											
Height											
Altitude ...									75?		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									4.15	4.08	
February ...									2.47	1.49	
March									3.96	4.14	
April									1.39	2.98	
May									4.02	2.11	
June									2.77	3.28	
July									3.40	3.80	
August									3.93	1.99	
September ..									5.03	2.21	
October ...									2.37	8.19	
November ...									2.55	1.66	
December ...									3.57	5.75	
TOTALS ...									39.61	41.68	

1908 Cummerbees Station 1 1/2 mile S

RAINFALL at

Ruthwell

Bomlongan Bastle 1915 10 5026
Bomlongan

County of *Dumfries*

Observer *Mr. W. H. Rhellens*

River Basin *Nith Hb.*

3

for A. Johnstone Douglas Esq.
Mr. John Brown (1913)
for Earl of Mansfield 1918

Rain Gauge, by

Diameter ...	5										
Height	10										
Altitude ...	687				74	68	74	70			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.92	1.63	2.96	2.61	3.31	2.78	4.93	1.77	5.42	3.01	15.13
February ...	4.85	4.19	2.85	2.45	5.49	6.18	3.65	1.04	4.34	.66	9.69
March	2.48	.96	4.54	4.27	3.56	1.25	1.16	2.15	1.59	3.16	8.06
April	3.10	3.82	.37	3.94	1.47	2.08	2.01	1.82	.58	2.10	6.51
May	2.68	2.22	1.62	3.52	2.10	1.06	3.57	3.00	1.89	1.00	9.46
June	1.31	2.79	5.52	3.20	.62	.55	2.46	2.30	1.51	1.69	7.96
July	4.90	1.41	3.93	.74	3.23	4.58	3.57	2.17	3.38	1.24	10.36
August	7.12	2.00	5.26	1.40	3.89	1.75	3.34	6.18	3.43	3.00	15.95
September ..	7.4	1.77	1.97	2.20	1.83	.95	1.46	3.70	6.22	2.72	14.10
October ...	2.43	4.01	4.10	3.29	1.17	3.04	6.62	5.71	5.19	1.58	19.10
November ..	4.82	5.71	2.96	4.69	5.05	1.60	4.53	2.98	3.01	2.13	12.65
December ...	3.72	6.24	6.11	2.36	5.39	6.48	4.14	2.43	4.58	5.31	16.46
TOTALS ...	41.07	36.75	42.19	34.67	37.11	32.30	41.14	35.25	41.14	27.60	145.43

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Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Ruthwell	1 mile	NE.	Ruthwell	1 ml. 1000 yds.	Ex SE
1912	55.0.16	3.26.41	(1914)	1 1/2 m		(1912)	2 1/2 m	NE

RAINFALL at Ruthwell (Camden Castle)County of DumfriesshireObserver Earl of MansfieldRiver Basin 3Nith & C.W. M. Brown (for above)

Rain Gauge, by _____

Diameter ...	5											
Height	1.0											
Altitude ...	74								68			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS	
January ...	4.74	6.57	4.70	1.69	4.64	2.04	4.92	3.55	7.46	1.78	5.16	47.25
February ...	2.48	2.4	2.94	4.54	3.8	4.38	4.63	2.31	3.37	1.35	1.6	27.78
March	2.88	4.60	1.58	0.88	9.8	7.4	1.69	2.60	3.86	1.17	2.65	24.63
April	2.32	9.4	1.94	3.34	2.35	3.34	2.77	1.65	1.26	9.9	1.28	22.18
May	4.20	2.23	1.52	1.31	3.70	3.63	2.57	2.04	1.64	2.19	1.88	26.51
June	1.99	4.7	1.39	7.3	1.39	2.23	2.78	3.12	6.30	1.94	2.68	23.22
July	4.08	3.67	2.88	3.32	3.20	1.81	4.31	4.97	3.71	4.83	4.90	41.68
August	3.24	5.98	2.59	8.74	3.13	3.82	4.54	5.12	7.45	6.59	5.51	59.73
September...	2.02	1.76	2.18	3.76	3.50	2.82	3.47	5.85	2.26	3.9	2.64	30.65
October	1.93	2.44	1.23	4.82	2.64	4.08	3.35	3.61	7.27	4.95	6.12	42.44
November...	2.72	2.52	8.0	3.17	1.71	1.57	4.83	3.55	5.19	6.29	3.56	35.91
December...	4.51	4.72	3.07	3.97	6.59	3.16	6.8	1.16	3.88	5.65	3.59	40.99
TOTALS...	39.2	36.15	26.82	40.47	34.23	31.62	40.54	39.53	53.65	38.12	42.63	422.97
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.

1920, Brindley's Range 25' high. 20s. off. N.W.
Free 60' " 30' " N.

P.T.O.

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
1920,	55° 16'	3° 26' 44"	Ruthwell	1 1/4 m.	N.E.	Ruthwell (Ruthwell)	2 1/4 m.	E.

RAINFALL at *Ruthwell (Bomlongon Castle)* M.W.R.County of *Dumfries*Observer *Wm. Brown for
The Earl of Mansfield*River Basin *3- Nith & C.*Type of Gauge *M.O.*Annual Average *35.5* in. based on *25* years obs. *un-weighted*. Period of average *1881-1915* Ref. *5*

Diameter	5"										
Height	1' 0"										
Altitude	67'	74'	67'								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.03	4.88	4.58	4.75	1.34	4.01	3.20	4.32	4.45	4.04	386.0
February	2.43	.05	2.25	.26	3.72	2.08	4.22	1.63	3.00	1.37	21.01
March	.82	2.88	1.47	2.12	.92	2.04	1.33	1.61	2.58	5.36	211.3
April	1.82	2.46	1.20	2.76	3.53	.82	2.70	.24	1.01	2.17	187.1
May	2.70	2.68	3.05	2.52	.53	.91	1.70	3.71	.71	.98	194.9
June	6.28	1.83	2.22	3.42	3.78	3.22	2.62	3.59	3.01	.85	308.2
July	4.34	3.34	3.99	1.40	1.24	4.65	2.58	4.90	5.39	5.72	375.5
August	2.63	1.21	1.51	5.82	3.38	2.13	1.84	1.90	1.95	.82	231.9
September	1.88	3.40	1.09	5.40	4.37	5.10	3.04	2.29	1.39	3.25	312.1
October	2.98	5.97	2.17	4.03	7.06	3.44	3.71	5.82	2.65	3.41	412.4
November	8.55	2.23	1.42	.33	5.68	3.66	1.25	5.35	4.75	4.53	377.5
December	2.99	5.92	.76	5.89	1.87	3.89	2.91	2.75	1.41	3.41	318.0
TOTALS	40.45	36.86	25.71	38.70	37.42	35.95	31.10	38.11	32.30	35.91	352.50
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931. Swelling house 24' high 50' W.N.W. Tree 60' high 70' N.
 1935 Tree 66' high 50' N.E.

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
1931.			Ruthwell	1 1/2 m	N.E.	Ruthwell	2 1/2 m	E.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. M.W.R. 5026

RAINFALL at Ruthwell (Caulongon Castle)

41

County of Dumfries

Observer Wm. The Rt. Hon. The Earl

River Basin 3-Nith + C

J. Mansfield

Type of Gauge M.O.

Annual Average 25.5 in. based on 25 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. 5

File No.

Diameter	5"				6 1/4	2 5/7					
Height	1'0"					1					
Altitude	67'					41		95'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.94	5.25	4.19	3.37	3.09	4.21	3.62	7.15	2.14	1.85	35.81
February	3.87	1.64	2.38	.71	4.23	1.35	.54	2.57	2.38	3.04	22.71
March	3.32	3.73	.77	17	2.31	3.12	4.99	2.05	1.56	4.16	26.18
April	1.69	1.75	1.59	1.83	2.20	1.06	4.62	3.04	2.00	2.74	22.58
May	2.92	3.13	3.81	1.99	3.47	1.36	3.31	1.96	2.25	1.96	26.16
June	.73	.58	2.83	3.05	2.70	4.39	3.43	5.27	.83	2.86	26.67
July	3.24	2.15	2.31	3.46	3.46	3.41	4.33	2.14	2.72	3.69	30.91
August	5.09	3.39	5.24	3.03	1.22	4.55	.23	6.44	2.84	6.14	38.17
September	1.85	3.32	2.96	5.13	3.77	6.12	2.38	4.30	2.51	7.96	40.30
October	4.76	3.10	6.79	3.71	4.02	.91	.86	3.67	5.10	2.35	35.27
November	2.76	.74	2.56	6.12	.26	4.12	4.52	4.64	4.47	2.58	32.77
December	1.84	3.04	1.49	4.74	2.48	3.73	1.83	4.81	6.61	1.81	32.38
TOTALS	33.01	31.82	36.92	37.37	33.21	38.33	34.66	48.04	35.41	41.14	36.99

1947 Gauge moved May 23rd from awseries to gardens at Caulongon Castle

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.

BRITISH RAINFALL ORGANIZATION

Station No. 5026

RAINFALL at Ruthwell (Donington basin) M. W. R.

51

County of Dumfries Observer The Rt Hon The Earl

River Basin 3 - Ruth & C of Manfield

Type of Gauge no.

Annual Average 35.5 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S
36.88 " " 35 " " 1916-1950 1916-1950 P
File No.

Diameter ...	5"				619	257				5'	
Height ...	1' 0"					1				1' 0"	
Altitude ...	95'					41				100'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.94	3.14	1.19	3.19	3.21	3.43	5.38	4.57	1.80	4.48	
February ...	2.47	.47	1.05	3.36	2.34	.73	3.55	3.46	.86	4.86	
March ...	3.18	2.28	.49	3.03	2.58	1.24	2.95	1.48	2.93	1.44	
April ...	2.10	2.71	2.84	.94	1.72	.90	1.11	1.09	2.61	2.89	
May ...	2.48	3.22	2.48	3.72	2.70	1.62	2.74	3.41	1.39	1.59	
June ...	1.69	3.06	.91	3.41	3.11	2.23	.91	3.59	3.43	1.78	
July ...	2.61	2.53	6.20	3.76	2.39	5.62	4.11	4.08	3.34	3.73	
August ...	4.53	5.36	2.86	5.51	1.99	8.14	3.48	3.78	.50	3.66	
September ...	5.08	1.85	3.81	5.60	2.91	3.08	3.83	6.77	1.86	3.67	
October ...	0.34	4.46	2.70	8.24	2.30	2.54	3.96	3.59	4.16	3.21	
November ...	6.82	2.11	6.14	7.88	1.73	1.18	2.03	1.51	5.22	6.62	
December ...	5.69	3.08	2.60	3.89	4.97	3.67	2.81	3.60	6.04	2.87	
TOTALS ...	42.93	34.27	33.27	52.53	38.05	34.18	36.86	40.43	34.14	40.80	
	D	D	D	D	D	D	D	D	D	D	

In Oct-1956. Mr MacRae. Belt of trees 50-60' high, 50-60' to west shelter the gauge. Suggested that these be lopped. Flat-bottomed measure.

Insp 26/6/60. G. J. Day. Gauge not level. General slope to S. 1:30. High grass to N. E. side. Insp 23/8/60. General slope 60' 30' N. 2/3 to W. No possible improvement of exposure. Obv poor and authority in different.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 32/078691

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

Summary of Earlier Records from 10-year Sheets :

1916-1950 P-accepted Jan.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓
	2 10-17	✓	✓	✓	✓