

RAINFALL at Burbage (Upper Burbage)County of DerbyshireObserver Sheffield Corporation W.W.River Basin Derwent - 65" Rain Gauge, by Casella  
(monthly pattern)John Sewals

Diameter	5"										
Height	1 Ft										
Altitude	1364' 00"										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January							3.80	1.96	7.54	1.94	5.10
February							2.55	1.63	3.59	.68	1.27
March							1.45	3.23	3.55	.25	4.19
April							1.99	4.38	1.49	1.13	3.55
May							3.42	1.22	1.27	2.13	2.25
June							3.21	4.25	4.01	1.73	1.61
July							3.61	3.11	.91	1.99	5.95
August							3.02	4.63	3.84	3.17	3.58
September							2.03	6.01	.53	1.99	5.06
October							3.11	3.89	5.74	4.60	4.18
November							5.01	4.60	6.84	7.29	3.87
December							2.34	2.93	3.01	7.96	4.00
TOTALS							35.51	41.84	42.32	34.86	44.61

1926-1929 Late Inf

Inspected 11/30 Gauge rather near a steep drop to the W  
owing to risk of interference cannot be moved to  
the E. A Telf wall round gauge was  
recommended

1930 record up - too low.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch SeriesNo. of Map 13Reference No. E5

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
Dec. 1930.	53° 20' 29"	1° 36' 11"	Heather Sage	2 1/4 m	W. SW.	Heather Sage	2 1/8 m/15	W. SW

RAINFALL at Burbage (Upper Burbage) N°60County of Derby Observer Sheffield Corporation W.W.River Basin 6 - Trent - Devent

Type of Gauge .....

Annual Average 36.1 in. based on ..... years obs. un-weighted. Period of average 1931/1955 Ref. P. 8 366

660609/26

Diameter	5'											
Height	1.0											
Altitude	1364'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.14	4.27										
February	5.02	6.66										
March	3.31	2.32										
April	5.07	4.75										
May	3.08	6.61										
June	5.63	1.13										
July	5.54	5.34										
August	7.51	3.17										
September	5.78	2.60										
October	1.32	5.61										
November	5.84	3.75										
December	2.11	1.85										
TOTALS	51.35	42.06										

*Transferred to W. Riding 1/5, in 1935,  
owing to County Boundary Revision  
see sheet 3106/8*

1931 Gauge Erected.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series } No. of Map 445 Reference No. A.10

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	53.20 20	1.36 14						

RAINFALL at Aspley (Upper Aspley) N° 60County of West Riding Observer Sheffield Gordon 40.42River Basin Leant - Derwent - S.

Type of Gauge.....

Annual Average ~~24.4~~ in. based on 12 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref B. 2. 766  
(1939) 36.1 145  
660607/26

Diameter	.....											
Height	.....											
Altitude	.....											
Year	.....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	.....			2.62	3.45	2.53	4.00	6.58	4.75	7.39	(3.44)	
February	.....			5.92	7.3	5.45	3.48	6.96	1.82	2.75	(3.20)	
March	.....			3.33	3.90	1.93	3.58	4.18	1.05	3.41	2.96	
April	.....			1.56	3.60	3.66	2.74	2.68	3.4	2.74	3.35	
May	.....			2.20	1.75	4.40	2.34	4.11	3.14	2.32	1.21	
June	.....			2.42	1.77	3.99	4.38	1.55	3.17	2.81	0.95	
July	.....			2.99	2.47	1.38	3.05	3.45	4.78	6.25	3.32	
August	.....			0.66	2.12	2.07	1.84	1.19	1.81	2.94	0.88	
September	.....			2.02	2.73	5.76	4.43	1.52	3.37	2.55	2.56	
October	.....			5.96	4.08	7.37	4.53	4.16	6.44	4.91	5.07	
November	.....			3.09	2.99	8.03	4.57	2.86	5.79	6.45	8.58	
December	.....			1.81	6.81	5.24	4.30	4.46	5.03	2.28	3.60	
TOTALS	.....			33.58	36.40	47.81	45.24	43.70	41.49	46.80	(39.12)	

Turf wall round gauge

1940 Jan + Feb. estd by obs.

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
53. 20.2 = 1.36.14								



Station No. T.F. 3106/8

RAINFALL at <sup>2</sup> Burbage (Upper Burbage) ~~42~~ 46.1

41

County of Warr. RidingObserver Sheffield Corp. W.W.River Basin Trent-Derwent 5Type of Gauge SumnerAnnual Average 38.1 in. based on 12 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 1.W.S.  
(1889)File No. 660009/26

Diameter	5			107	031						
Height	10				1						
Altitude	1364				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(5.15)	4.32	(5.69)	4.95	4.05	5.16	(3.61)	7.84	1.89	1.86	
February	(5.00)	1.53	2.77	2.86	4.03	5.97	(3.97)	(2.78)	2.06	(5.61)	
March	6.03	2.51	1.51	.72	1.06	2.19	(1.46)	1.29	1.53	1.84	
April	2.50	2.20	2.71	2.87	2.38	1.84	3.63	2.21	3.27	2.93	
May	3.89	5.84	3.41	4.22	3.06	3.33	3.49	2.62	2.29	2.76	
June	.53	1.16	2.05	2.97	4.04	4.43	2.70	3.86	.97	2.04	
July	5.52	2.97	1.40	2.92	2.49	3.57	1.76	1.81	4.10	1.99	
August	5.53	4.33	3.71	3.08	3.31	4.94	.63	5.66	2.18	4.16	
September	.54	2.33	4.42	5.57	1.45	5.76	1.83	1.97	1.50	4.67	
October	4.41	3.09	2.49	4.49	6.96	2.15	.97	156	3.22	1.89	
November	4.34	1.23	3.19	6.88	1.14	9.01	4.22	2.18	4.78	6.33	
December	2.26	3.18	1.76	3.40	2.74	4.55	4.27	3.78	4.71	2.78	
TOTALS	(46.04)	34.75	35.02	44.93	36.71	52.90	37.59	37.56	32.50	37.86	

1941 Jan. 9 Bab. bracketed by observer.

1947 Jan. Feb. 9 man. used for snow by observer

30.6.49. gauge impeded by engine and proved so sound.

From engineer's report it appears that a 5" dial gauge is nearby. We do not receive this record

60004

60004

70004 20004

20004

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.

BRITISH RAINFALL ORGANIZATION

Station No. 3106/8 *71*RAINFALL at 8 Bursage (Upper Bursage) *20* No. 1 **51**County of West Riding Yorks. Observer Sheffield Exptl. W.D.River Basin Trent-Donk-5Type of Gauge London BRADFORDAnnual Average 35.1 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. 1.W.S.

(1929)

File No. 66069/26

Diameter ...	5"			107	031						
Height ...	1'0"				1						
Altitude ...	1364'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.33	(4.80)	1.29	3.40	(4.00)	(6.20)	2.56	3.62	(3.39)	6.39	
February ...	3.97	1.14	(3.00)	(3.50)	(3.46)	(1.40)	3.37	(5.82)	.23	(3.45)	
March ...	4.92	2.30	2.49	2.45	3.97	1.88	2.96	2.90	1.87	2.71	
April ...	2.06	2.32	2.92	.78	1.31	1.68	.37	1.22	4.22	2.12	
May ...	4.67	3.24	3.19	4.16	4.28	.94	1.88	3.53	1.46	2.55	
June ...	1.37	(2.25)	3.08	2.43	4.21	4.41	1.74	5.59	1.58	1.74	
July ...	1.68	2.10	4.84	3.43	2.19	6.40	4.04	9.78	2.06	4.49	
August ...	5.05	2.21	3.37	7.12	.90	6.88	7.11	2.76	1.04	5.79	
September ...	2.07	3.66	1.88	3.18	1.61	4.17	6.30	3.74	.08	(6.00)	
October ...	1.42	5.84	2.07	4.53	2.51	2.33	2.22	2.98	3.23	8.94	
November ...	10.02	3.17	1.95	6.63	2.98	1.96	2.73	1.19	4.94	5.65	
December ...	3.56	3.18	1.99	5.12	4.50	5.44	3.62	4.72	5.33	4.30	
TOTALS ...	44.12	36.21	32.07	48.23	35.92	43.99	38.90	47.85	29.43	(54.13)	

1954 June - diff. by register - satisfactory T. Wall found. Max. rain from May came same date.  
 1955 Jan. Feb. est. Eng'n.  
 Just 11.155 30.0K. Ground. Site on road all directions. First wall more of a bank but road and help.  
 Catch of 3000g. SE impoluted. Includes 6'x12'x12' of clay with railway seams & present info from  
 41004 20004 20004 60004 60004 20004 40004 20104

That wall

Position of Station on Ordnance One-Inch map: No. of Map 11 National Grid Reference SK 264.827

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C.1926	✓	✓	