

RAINFALL at Burbage (Hathersage Lodge)

County of Derbyshire
River Basin Derwent + 6
5 = Rain Gauge, by Casella
(monthly pattern)

Observer Sheffield Corporation W.W.

John Deacons

Diameter	5 =									
Height	1 FT									
Altitude	1225' OD									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January							3.70	2.67	7.76	2.06
February							2.51	1.47	4.31	.74
March							1.67	4.30	3.04	.27
April							1.96	4.25	1.38	1.19
May							3.26	1.38	1.24	2.26
June							3.02	4.72	4.14	1.56
July							3.69	3.36	1.18	2.00
August							3.36	3.90	4.03	3.44
September							2.03	5.94	.58	1.97
October							3.28	3.89	5.62	4.57
November							4.63	4.58	7.49	7.13
December							2.60	2.09	2.96	7.72
TOTALS							35.71	43.15	43.73	34.91
										44.42

1926 - 1929 Late Aug

METEOROLOGICAL STATION
RETROFITTED 1929

106942

NGR: SK(42) 253816

ALT: 1200 ft = 366

measured Date of survey 31.1.1979

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map 1/13 Reference No. E.5.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
Dec. 1930	53° 19' 48"	1° 37' 12"	Hathersage	1 1/4 m. W.SW.	Hathersage	1 1/4 m. W.

RAINFALL at Burbage (Higger Lodge)

County of Derbyshire

Observer Sheffield Corporation W.W.

River Basin Trent-Derwent b

Type of Gauge.....

Annual Average 31.3 in. based on..... years obs. un-weighted. Period of average 1931/1935 Ref. T. B. 366

660609/26

Diameter	5										
Height	10										
Altitude	1225										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.35	3.91									
February	4.20	4.4									
March	2.6	1.97									
April	4.68	4.70									
May	2.94	6.55									
June	4.87	9.2									
July	5.33	4.66									
August	6.75	3.01									
September	4.64	2.26									
October	1.19	5.73									
November	5.46	3.62									
December	2.16	1.77									
TOTALS	46.86	39.54									

Transferred to W. Riding 1/5 in 1933
 owing to County Boundary
 revision, see sheet 306/b.

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

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

RAINFALL at Bushage (Lugger Lodge)County of West RidingObserver Sheffield Corporation W.W.River Basin Leeds District - 5

Type of Gauge.....

Annual Average 3.68 in. based on years obs. unweighted. Period of average 1881-1915 Ref. F. 7. 1356

660609/26

Diameter	5	MET. O.S. RAINFALL RETROSPектив REVIEW	106942								
Height	10	NGR: SK(43) 253816									
Altitude	1225	Alt: 1200 ft = 366 metres. Date of review: 31-1-79									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January		2.49	3.47	2.23	3.29	5.61	4.34	6.93	(3.22)		
February		6.00	4.47	5.00	3.09	6.72	1.72	2.35	(2.93)		
March		3.02	3.02	1.69	2.70	3.86	8.4	3.20	2.61		
April		1.86	3.20	3.35	2.28	2.46	3.6	2.35	2.82		
May		2.01	1.76	1.33	2.22	3.82	3.00	2.26	1.15		
June		2.37	1.41	3.74	3.89	1.44	2.86	2.81	.91		
July		2.33	2.24	1.11	4.76	3.30	3.98	5.62	3.10		
August		0.66	1.99	1.89	1.85	1.10	2.16	2.70	1.01		
September		1.75	2.60	5.30	4.15	1.52	2.88	2.23	2.36		
October		5.77	3.99	7.40	4.70	3.88	5.88	5.07	4.66		
November		2.82	2.83	7.14	4.39	2.45	5.02	6.11	8.51		
December		0.63	6.12	4.56	3.94	4.35	4.84	1.93	3.33		
TOTALS		31.21	33.0	43.74	41.26	40.51	37.88	43.44	(36.61)		

1940. Jan & Feb. estd. by other.

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

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

106942

Station No. T.F. 310616

RAINFALL at Buxton (Higher Lodge) ✓

41

County of West Riding Observer Shorthill Colton W.W.

River Basin Trent. Datum - 5.

Type of Gauge Standard

Annual Average 36.8 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 366

File No. 660600126

Diameter	5											
Height	10											
Altitude	1225											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	(w. 95)	3.75	5.30	4.73	3.84	4.80	(3.42)	7.80	1.76	1.40		
February	(w. 66)	1.35	2.68	2.75	3.86	6.54	(3.76)	(2.66)	1.92	5.82		
March	5.69	2.37	1.46	.60	1.01	1.84	(6.12)	1.29	1.50	1.39		
April	2.33	2.14	2.67	2.78	2.21	1.57	3.66	2.16	3.41	2.77		
May	3.60	5.61	3.30	4.05	3.13	3.83	3.08	2.48	2.38	2.21		
June	4.49	1.17	2.07	2.83	3.90	3.92	2.49	3.76	.94	1.78		
July	w. 58	2.76	1.35	2.70	2.42	3.45	1.34	1.86	3.59	1.68		
August	w. 83	4.30	3.55	3.04	3.03	4.56	.61	4.68	2.00	3.94		
September	w. 42	2.30	4.13	5.42	1.38	5.31	1.63	2.15	1.18	4.62		
October	w. 55	3.00	2.38	4.22	6.07	1.73	.92	1.51	3.36	2.04		
November	w. 34	1.17	3.17	6.39	9.0	8.75	4.03	2.13	4.64	6.07		
December	1.83	3.08	1.66	2.87	2.47	4.06	4.14	3.63	4.56	2.89		
TOTALS	(42.10)	33.00	33.72	42.38	34.22	49.36	35.20	36.11	31.24	36.81		

1941 Jan. 9 3ehr. bracketed by observer.

70004 20004

1947. Jan, Feb. Mar. cut & for snow by observer

30.6.49. gauge inspected by engineer and passed no sound.

60004

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

BRITISH RAINFALL ORGANIZATION

106942

Station No. 3106/6 T.F. 71

RAINFALL at Burbage (Bigger Lodge)

County of West Riding - Yorks.

Observer Sheffield Corp. W.W.River Basin Trent-Derwent-5Type of Gauge Standard BradfordAnnual Average 36.5 in. based on years obs. up-weighted. Period of average 1901-1915 Ref. PB 366
" " 38.02 " 23 " within 1933-57 " " 1916-50 " " File No. 106942

Diameter	5"	107	037								
Height	1' 0"			1' 2"							
Altitude	1285			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.38	(4.50)	1.26	2.91	(3.80)	(5.70)	2.36	3.60	3.22	6.17	
February	3.84	1.09	(2.90)	3.20	(3.28)	(1.80)	3.30	(5.5)	.21	(3.29)	
March	4.66	2.13	2.38	2.45	3.70	1.78	2.90	2.75	1.83	2.63	
April	1.82	2.30	2.40	.67	1.10	1.60	.31	1.27	3.81	2.07	
May	4.68	3.23	2.97	3.25	3.95	.80	1.62	3.39	1.25	2.45	
June	1.35	2.00	3.00	3.53	4.10	(4.39)	1.72	5.20	1.61	1.61	
July	1.72	1.94	3.72	3.21	2.26	(6.13)	3.88	9.56	2.01	4.38	
August	4.71	2.03	3.39	7.13	.93	6.85	6.95	2.56	1.02	5.63	
September	2.05	3.37	1.66	3.24	1.40	4.46	6.26	3.48	.09	(5.97)	
October	1.23	5.68	1.92	3.92	2.53	1.96	2.26	2.97	2.95	8.59	
November	8.33	2.71	1.64	6.34	2.65	1.42	2.63	1.10	4.63	5.40	
December	3.40	2.95	1.77	4.56	4.35	2.76	3.61	4.45	5.15	4.08	
TOTALS	41.17	33.93	29.01	44.81	34.05	(41.65)	37.80	45.84	27.78	52.27	
	M	M	M	M	M	M	M	M	M	M	

1954 - June - slight leak in funnel. Funnel may cause obstruction. Wall damage & stone falling
Heavy rain from may cause some obstruction.

1955 - Jan, Feb, Mar, May.

1956 - June, July, Sept, Oct, Big snow.

1957 - 1958, 1960, Big snow. Slight over report road directions. 6' wide railway 12'x12' may look as wide - leak.

40004 20004 60004 61404

Position of Station on Ordnance One-Inch map :			No. of Map	III	National Grid Reference SK 253 318		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance 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	✓	✓	