

## RAINFALL at Burbage (Lower Burbage) (+ A)

County of Derbyshire

Observer Sheffield Corporation W.W.

River Basin Derwent - 6

8" Rain Gauge, by Casella

(Meteorological Office Pattern)

John D. Davies

Diameter	8"									
Height	1 FT									
Altitude	924									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January							4.13	2.66	7.51	2.01
February							2.49	1.52	4.43	.72
March							2.10	4.28	3.19	.19
April							2.06	4.15	1.32	1.33
May							3.41	1.16	1.18	2.25
June							2.83	4.53	3.98	1.61
July							3.39	2.72	1.05	2.05
August							3.26	3.73	3.80	2.95
September							1.78	5.51	.53	1.98
October							3.46	3.54	5.43	4.37
November							4.92	4.70	6.92	7.52
December							2.45	2.82	3.11	8.15
TOTALS							36.28	41.32	112.43	35.13
										44.39

No. 2 Hyetograph in operation also from 1929.  
1926-1929 late log

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
Dec: 1930. 53° 19' 7" 36' 48" Grindleyford				1 1/8 miles	S-SW	Heathcote	1 3/4	W-NW

## RAINFALL at Burbage (Lower Buxton)

County of Derbyshire

Observer Sheffield Corporation W.W.

River Basin Trent Derwent b

Type of Gauge (tA)

Annual Average 2.2 in. based on years obs. un-weighted. Period of average 1931-1945 Ref. 23 366

660609/26.

Diameter	8	Height	10	Altitude	924	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	4.08	3.73	2.40	3.31	2.10	3.98	5.72	4.39	6.95	(3.24)	3.990						
February	4.76	5.59	6.10	5.52	5.35	3.12	6.40	1.45	2.19	2.94	33.42						
March	3.35	2.21	3.16	3.80	1.58	2.48	3.67	1.63	3.14	2.17	23.19						
April	5.22	5.00	1.34	3.36	3.65	2.67	2.30	1.44	2.24	2.80	38.94						
May	2.91	6.77	2.11	1.62	5.7	1.97	3.66	2.67	2.23	1.11	25.62						
June	5.18	9.99	3.80	1.73	3.93	3.92	1.48	2.51	2.38	8.2	26.74						
July	5.02	4.30	2.56	2.05	1.12	4.80	3.10	3.65	5.51	2.63	34.77						
August	7.33	2.19	1.61	1.86	1.87	1.76	1.05	1.88	2.55	76	21.85						
September	4.89	2.54	1.63	2.58	6.31	4.40	1.42	2.45	2.10	2.07	30.36						
October	1.32	5.35	5.65	3.97	7.10	4.66	3.85	5.41	4.96	4.35	46.62						
November	5.75	3.46	2.85	2.99	6.93	4.16	2.36	4.78	5.79	8.46	47.53						
December	1.95	1.72	1.73	5.99	4.39	3.57	4.61	4.18	1.94	3.40	32.48						
TOTALS	48.76	38.85	32.94	33.78	43.90	41.38	39.62	34.44	42.00	34.75	390.42						
	D	D	D	D	D	D	D	D	D	D							

39042

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, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 2686

RAINFALL at Burleigh (Lower Burleigh)

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County of DerbyshireObserver Sheffield Corporation W.W.River Basin Trent - Derwent - E.Type of Gauge Snowden 1950 (+ A)Annual Average 36.2 in. based on years obs. un-weighted. Period of average 1881-1915. Ref. P.B. 366File No. 660609/26

Diameter	<u>8"</u>		<u>107</u>	<u>054</u>								
Height	<u>10'</u>				<u>1</u>							
Altitude	<u>924</u>				<u>41</u>							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.87	3.38	(534)	4.69	3.85	4.42	3.37	7.32	1.48	1.18		Total 3990
February	4.67	1.58	2.66	2.55	3.55	5.35	3.72	2.59	1.06	5.38		3361
March	5.97	2.10	1.41	4.7	1.84	1.45	6.04	1.20	1.62	1.04		2250
April	2.85	1.95	2.52	2.54	2.20	1.44	3.06	1.97	3.53	3.05		2481
May	3.31	1.81	3.29	3.40	3.10	3.06	3.13	2.24	2.03	1.96		3033
June	1.44	1.06	1.91	2.54	3.75	3.58	2.25	3.36	.77	1.52		2124
July	4.96	2.71	1.19	3.43	1.94	3.08	2.21	1.50	3.18	2.07		2677
August	4.46	4.18	3.40	2.86	2.63	4.16	.50	4.56	1.77	3.31		3185
September	1.36	1.85	3.81	5.80	1.26	4.95	1.60	1.97	1.29	4.04		2663
October	4.43	3.65	2.39	4.13	5.99	1.50	.80	1.61	(3.64)	1.44		2958
November	4.24	1.55	2.99	6.47	.77	7.94	3.40	1.77	4.29	5.32		3874
December	1.73	2.84	1.51	2.72	2.30	3.67	3.58	3.18	4.23	2.43		2819
<b>TOTALS</b>	<b>41.91</b>	<b>31.96</b>	<b>33.14</b>	<b>41.10</b>	<b>32.18</b>	<b>44.60</b>	<b>33.66</b>	<b>33.27</b>	<b>29.39</b>	<b>32.74</b>	<b>35395</b>	✓

1946 5 inches low?

40004

00044

1947. Rain gauge frequently damaged by vandals. Now surrounded by unclimbable fence 12 ft high of  $\frac{3}{4}$ " bars 5 ft high at 45° corners. Some degree of shelter leaving way to

would interfere at present. End 1969

30.6.48 Gauge replaced by magnetic &amp; painted as round

1948. Total 1600. latter part March 1949. Eng. says fence built round site 12' sq. 5" high  $\frac{3}{4}$ " bars

1949 last 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

Station No. 2686

T.F. 71

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## RAINFALL at BURPAGE (Lower BURPAGE) (+)

County of DERBY Observer SHIPFORD CORN W.W.

River Basin TRENTHAM - DERWENT - 6

Type of Gauge SNOWDON (+ A)

Annual Average 36.2 in. based on 9 years obs. un-weighted. Period of average 1881 - 1915 Ref. P.G. 366  
 " 37.15 " " 31 " " Within 1926-57 " " " 1916 - 1950 S  
 File No. 660609/36

Diameter ...	8"		107	054								
Height ...	11 "				1							
Altitude ...	924'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January	3.15	(4.50)	1.26	2.82	(3.70)	5.57	2.14	3.27	(3.13)	5.76	35.30	
February	3.64	1.07	2.99	(3.20)	(3.23)	1.62	3.14	(5.44)	1.12	(3.05)	27.50	
March	4.78	2.55	2.09	2.62	3.63	1.39	2.74	2.74	1.61	2.36	26.51	
April	1.65	2.15	2.81	.66	1.18	1.92	.25	1.09	3.50	1.82	17.03	
May	4.11	3.08	2.58	2.47	3.57	.67	1.73	3.43	1.11	2.12	25.87	
June	1.20	1.97	3.08	2.45	3.68	4.74	1.50	5.06	1.32	1.38	26.38	
July	1.45	2.22	3.83	2.96	1.71	5.59	3.68	7.58	1.83	4.40	35.25	
August	4.80	1.83	3.36	6.96	.91	6.26	6.75	2.80	.86	5.48	40.01	
September	2.09	3.11	1.82	3.44	1.60	4.05	5.37	3.24	.08	(4.37)	29.07	
October	1.43	5.66	1.82	4.17	2.83	2.05	2.02	2.87	2.80	6.70	32.35	
November	8.87	2.60	1.97	6.65	2.66	1.51	2.57	.95	4.80	5.15	37.13	
December	4.18	2.65	1.58	5.59	4.20	5.03	3.41	4.38	4.90	3.53	39.45	
TOTALS ...	44.35	33.39	29.19	44.79	32.70	40.40	35.30	42.85	26.76	4612	371.85	

1955 Jan - Feb point est'd by Engn 20004/00004 20004/40004 20104  
 May 1959/80th. 4. record exposure reasonably good. 6' from enclosure to N.E.  
 40004

(43)

Position of Station on Ordnance One-Inch map : No. of Map 111 National Grid Reference 58248892

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	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
		C1926	✓	✓	✓