

RAINFALL at Eastwood Hall

County of Nottingham

Observer G. B. S. Whitelocke

Barber Watkin & Co.

River Basin Trent Erewash etc.

Rain Gauge, by

Diameter ...										5"	
Height										1	
Altitude ...										218	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...									3.04	3.54	3.91
February ...									1.71	4.30	3.46
March								X	.78	4.60	
April									(4.53)	2.95	1.75
May									2.45	5.06	1.80
June.....									2.28	.66	.90
July									1.71	2.64	2.62
August									4.91	.74	2.36
September...									3.11	4.85	1.85
October ...									4.85	1.26	3.11
November..									3.08	1.83	2.19
December...									2.65	4.99	4.44
TOTALS ...									2	33.60	32.96

Tree 40 ft 88 ft N. W. N.
20. 111. N. E. N.

340 yds NW of Eastwood Colliery S.

Building 40 ft. 170. N.

N.B. Values reported from Survey, 1928.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1917	53° 1'. 15	1. 18. 0	Eastwood G.N.R.	930	S.W.	Eastwood	8.30	S.

RAINFALL at Eastwood Hall

County of Nottinghamshire Observer Mess^{rs} Barber Walker & Co.
1922-9 G.H. Walker

River Basin Trent. Eyrewash 4

(1923) Howard Rain Gauge, by
See Below.
MO (July 1923)Glass still serviceable
but broken.

Diameter ...	5"										
Height	1.0										
Altitude ...	218										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN.
January ...	3.62	3.79	4.44	1.54	2.66	2.91	4.02	2.16	5.73	1.51	4.20
February ...	2.85	1.18	3.59	5.49	.74	3.68	2.74	1.88	2.10	.83	.84
March	1.75	1.36	2.48	1.53	.92	.88	1.15	2.83	2.22	.33	2.81
April	4.21	1.22	3.71	2.47	2.40	2.68	1.49	2.05	1.20	1.39	3.03
May	3.41	2.53	1.65	3.78	3.64	4.69	2.92	1.24	1.34	1.85	1.48
June	2.69	.44	1.01	.61	2.70	.08	2.98	4.51	2.61	1.14	1.50
July	5.13	.80	4.71	4.73	2.69	1.80	1.81	2.78	1.09	1.26	5.81
August	1.40	4.92	6.66	3.27	3.35	3.70	2.44	3.05	2.43	2.49	2.14
September...	1.93	1.19	2.60	2.87	3.66	4.53	1.22	4.16	.91	.44	4.69
October	1.89	4.95	.70	2.11	5.71	4.61	2.33	2.68	4.06	3.52	2.44
November...	1.12	1.99	1.18	2.67	2.19	2.92	4.29	2.56	3.51	5.93	3.37
December...	3.90	3.47	4.19	3.79	4.10	3.42	1.50	3.21	2.28	4.62	2.66
TOTALS...	33.90	26.74	37.22	34.88	34.76	35.93	28.89	33.11	29.44	25.34	34.97
	D	D	D	D	D	D	D	D	D	D	D

1920. Tree 40ft high 884 ft N.W.N.

" 20 " 111 - N.E.N.

Building 40 " 170 " N.

1925. Not printed. gauge broken.

1926 Inspected by Mr Taylor June. Gauge which consists of old 5" Howard funnel set into earthenware ink bottle retained in wooden frame. The 'below ground' glass overgrowing gauge, but arranged to cut round side. The bottle had a groove lip through which rain entered causing high measurements. This was plugged as a temporary measure, and observer promised to obtain another/recover f.703405/26

1927 New Gauge

J.B Annual values rejected from Survey 1928

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	53° 1' 15"	1° 18' 0"	Eastwood	930 yds	SW	Eastwood	830 yds S.

RAINFALL at Eastwood Hall.

County of Nottingham.....

Observer Meets Parker, Walker & Co., Ltd.

River Basin Trent - Frewash 4

Type of Gauge..... In. O.

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

703405/26.

Diameter	5											
Height	1	0										
Altitude	218											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.89	1.97	2.24	2.36	1.16	3.22	3.58	2.62	5.40	3.02	2752	
February	2.78	1.49	3.34	1.65	3.25	2.11	3.93	1.76	1.24	3.12	2172	
March	1.36	1.88	2.77	2.09	1.73	1.91	1.95	1.11	1.77	2.09	1566	
April	3.65	2.81	1.26	2.10	3.01	1.84	2.36	1.12	1.83	1.98	2076	
May	2.90	6.73	1.89	1.05	1.31	1.33	2.62	2.11	1.31	1.31	2026	
June	4.12	1.14	1.73	1.60	3.96	3.41	1.56	1.29	1.73	0.91	1945	
July	5.33	3.91	1.99	1.29	1.72	4.66	3.14	4.54	3.71	2.67	3196	
August	4.13	1.70	1.76	1.84	1.88	1.93	3.7	2.58	2.32	0.25	1676	
September	2.82	1.90	1.05	2.29	5.35	3.18	1.51	2.50	1.14	0.70	2247	
October	1.61	2.76	4.84	1.42	3.87	1.71	2.52	2.19	2.62	4.58	2712	
November	3.67	1.76	1.43	1.92	4.78	2.74	1.38	2.76	3.89	6.04	3067	
December	1.20	8.9	1.42	5.16	3.68	1.71	2.70	4.21	1.74	1.67	2343	
TOTALS	33.46	27.94	23.42	22.75	32.70	21.75	26.62	25.79	28.61	28.74	27778	
	D	D	D	D	D	D	D	D	D	D		

1931. Tree 44' high 88° N.W.N. Tree 20' high 111° N.E.N. Building 40' high 170° N.

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	Direction
1931.			Eastwood (L.N.E.R.)	930 yds.	S.W.	Eastwood	830 yds.	S.

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

Station No. 2598

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RAINFALL at Eastwood Hall

County of Nottingham

Observer ~~Mersea Brothers & Walker & Co. Ltd.~~

River Basin Trent-Erewash-4

~~National Coal Board~~Type of Gauge ~~Tin Q.~~

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

File No. 103405/26

Diameter	5'			116	340						
Height	10'				1					6"	
Altitude	218'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.58	2.64	4.11	3.22	1.92	2.73	2.88	2.22	.60	1.00	
February	2.48	1.38	.61	2.60	2.84	2.55	2.03	3.94	.74	5.36	
March	2.69	1.81	.67	.39	1.18	1.12	5.84		1.84	1.06	
April	1.62	1.40	.72	2.24	1.48	1.12	1.99		2.43	2.77	
May	2.64	3.62	3.40	.95	2.31	1.41	1.52		2.36	1.50	
June	.39	.72	1.68	1.59	2.86	2.77	1.55		.85	1.72	
July	2.81	2.25	.96	2.97	2.23	1.88	2.29		4.66	2.30	
August	3.48	2.19	1.85	2.62	1.88	4.38	.26		1.30	3.20	
September	.24	1.04	2.36	4.68	1.45	3.19	1.51		1.57	3.02	
October	2.60	1.88	1.76	2.82	3.79	1.20	.70		4.16	.93	
November	3.66	1.46	2.17	5.28	.46	5.29	1.88		3.35	4.41	
December	.71	2.00	1.05	1.62	1.96	3.14	2.37		2.61	2.30	
TOTALS	27.09	22.39	21.34	30.98	24.36	30.78	2482	np inc.	26.37	30.17	
	d	d	d	d	d	d	d		d	d	

1941 Tree 44' high 89 N.W.N. Tree 20' high 111 N.E.N. Building 40' high 170 N.
plus gauge order 88 order from man.

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	Parish Church.	Distance from gauge
1941			Eastwood LNER	930y	S.W.	Eastwood	830y

Station No. 2598

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RAINFALL at Eastwood Hall
 County of NOTTINGHAM Observer NATIONAL COAL BOARD
 River Basin TRENT - EREWASH - K (Area Chief Scientist)
 Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 1916-1950 S Ref.
 " 27.84 " " 26 " within 1927-55 File No. 703405/26

Diameter	5"	116	340	5"							
Height	0' 6"			1		1'					
Altitude	218'			51		240					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.18	2.53	.74	1.53	2.91	3.83		2.89	3.06	5.00	
February	3.67	.70	2.26	2.68	2.12	.77		4.47	.20	2.38	
March	3.34	2.65	1.30	2.36	2.77	.81		1.83	1.31	1.66	
April	1.85	1.52	2.16	.39	1.17	1.91		.95	2.62	1.12	
May	3.23	2.68	2.04	2.79	3.16	.63	1.19	2.83	.49	1.18	
June	1.82	2.92	4.23	3.84	3.57	2.92	1.45	3.70	.88	2.11	
July	.70	.83	3.29	1.84	.74	3.29	2.63	4.47	1.74	3.31	
August	5.24	1.61	2.00	4.54	.65	5.73	4.37	2.62	1.06	2.47	
September	1.69	1.88	1.24	3.36	.72	2.61	6.07	2.75	.10	4.64	
October	.85	3.55	1.91	3.40	1.68	1.34	1.84	2.36	2.10	4.36	
November	6.10	1.60	2.05	4.72	4.30		2.45	1.02	2.62	3.46	
December	2.25	2.29	1.33	2.50	2.39		2.45	3.38	4.15	3.69	
TOTALS	32.89	24.76	24.55	33.95	24.18	Suc. NP.	33.27	20.23	35.88		
	d	d	d	d	d		NP	d	d		

1951. Tree 16' at 88° N.W.N., tree 20' at 111° N.E.N. Building 40' at 170° N.

1956. No record after 9/11/56. Equipment stolen by hoodlums. New record to be established on roof.
 1957. New site on flat ground; Screen 6' 6" W.

1957, NP inc.

1958 final

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference SK(49)462477		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Eastwood LNER	930' S.W.	Eastwood	830' S.

Summary of Earlier Records from 10-year Sheets :

Record D. or d	1910-19	1920-30		1931-40		1941-50		1951-60	
		✓	✓	✓	✓	✓	✓	✓	✓
	Cimp. 1917 D 17, 19		D 20-25, 29 D 26, 28, 30		D 31, 32, 33, 40 d 33-37, 39		D 41-47, 49, 50 d 41-44, 47, 50		D 45, 46, 49