

## RAINFALL at Elford

County of Staffordshire.....

Observer W.H. Haister Esq., C.E.

River Basin Trent, R. Bantle Tributary.

Type of Gauge.....

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

726488/38

Diameter	.....						5				
Height	.....						1 0				
Altitude	.....						178				183 <sup>1</sup>
Year	.....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940 Means
January	.....						3.07	2.83	4.53	2.93	
February	.....						3.21	52	1.01	2.40	
March	.....						2.08	46	1.24	1.87	
April	.....						(2.13)	71	1.68	2.41	
May	.....						2.42	1.74	1.57	1.80	
June	.....						1.44	2.31	1.24	.97	
July	.....						2.35	3.57	4.89	3.02	
August	.....						.75	2.86	3.31	.25	
September	.....						2.73	3.40	.93	.88	
October	.....						1.79	2.26	3.13	3.31	
November	.....						1.83	2.63	3.95	6.08	
December	.....						2.44	3.06	1.35	1.52	
TOTALS	.....						25.24	25.75	28.54	27.14	
							D	D	D	D	

1937 Engineering workshops and stores 20 ft high 58' from nearest building W.S.W.

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
1937			Elford	3+ ml	N.E.	Elford	1+ ml.	N.W.

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

## RAINFALL at Elford

County of SuffolkshireObserver W.H. Hailes Esq. B.E.River Basin Thames

Type of Gauge.....

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

Ref.

File No. 726488/38

Diameter	5"		099	827							
Height	1' 0"				1' 0"	1' 0"					
Altitude	183'			44							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.01	2.61	3.40	2.09	1.53	1.75	1.73	4.14	.98	.56	
February	2.38	1.04	.58	1.46	1.69	2.94	1.43	.81	.62	3.83	
March	2.26	1.81	.96	.18	.71	.59	4.91	.82	1.22	.83	
April	1.48	1.23	.80	1.99	1.58	1.36	1.66	1.61	1.90	1.63	
May	2.63	3.67	3.37	.64	3.50	1.88	2.13	1.60	2.13	1.17	
June	1.41	1.08	2.09	1.37	2.28	2.24	1.19	2.44	.14	1.08	
July	5.54	1.39	.80	2.26	1.36	1.14	4.78	1.63	5.49	1.45	
August	4.29	3.40	1.30	2.31	1.46	5.76	.21	3.97	1.36	2.41	
September	.83	1.13	1.38	3.01	1.32	2.53	1.27	1.95	1.31	2.74	
October	2.49	2.22	1.66	2.31	3.47	.81	.32	2.14	4.30	.63	
November	3.02	1.49	1.33	3.25	.26	5.02	1.68	1.14	2.84	3.13	
December	1.36	2.26	.87	1.22	2.13	2.14	1.68	3.31	1.51	1.41	
TOTALS	30.60	22.33	18.54	22.09	21.29	28.16	22.99	25.56	23.80	20.87?	
	D	D	D	D	D	D	D	D	D	D	

1945 Gauge on top of shed, ap. unweathered site.

1946 gauge replaced on ground at 1 ft from 1" (cont 26A)

A57. Looks low. (From Hales). Print with gauge

Sept 1951

10/10/51 Gauge tested &amp; found sound. Situated well away from buildings etc but over sheltered by raspberry canes. All plant growth near gauge to be cut.

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

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

RAINFALL at C. LordStation No. 23425

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County of Staffordshire Observer M. H. Haile Esq., C.E.  
 River Basin Trent - Right Bank - 3 (M. Nixon Esq., F.R.S.) C.E.)  
 Type of Gauge M.O. Trent River Board (1952)

Annual Average ..... in. based on ..... years obs. un-weighted. Period of average ..... E. 15791 Ref. 5-3  
 File No. 526128/38

Diameter	5"			299	827							
Height	1' 0"					1						
Altitude	183'					51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	2.12	2.16	.73	.82	2.18	3.39	.97	1.75	3.08	5.17		
February	1.98	.43	1.41	2.24	2.06	.56	1.99	3.72	.14	1.45		
March	3.49	1.93	.97	1.90	2.90	1.04	2.04	1.65	1.76	1.45		
April	1.42	2.43	1.91	.40	.79	1.09	.12	.40	2.58	0.83		
May	3.19	1.96	1.87	2.05	3.81	.50	.93	1.47	.50	1.56		
June	1.36	1.60	2.08	3.39	2.43	1.98	1.13	4.30	.66	2.52		
July	1.45	1.52	1.59	2.74	1.55	2.18	2.68	5.53	1.68	2.74		
August	6.39	1.58	1.69	5.09	.54	4.06	3.01	2.30	1.42	3.60		
September	1.64	.74	1.80	1.23	1.83	1.98	6.18	2.64	.10	3.45		
October	.51	3.02	1.93	3.28	1.45	1.44	1.18	2.77	2.00	4.31		
November	4.79	1.51	1.33	4.71	2.12	.66	1.77	1.55	3.04	3.25		
December	1.81	2.56	1.28	2.40	1.44	3.24	1.48	2.99	3.18	3.12		
TOTALS	29.15	21.44	18.59	30.25	23.10	22.11	23.48	31.07	20.14	35.45		
	d	d	d	D	d	D	D	D	D	D		

22/12/51 gauge tested & found sound. situated well away from Building etc but overshadowed by established trees. All plant growth near the gauge to be cut.  
 July 1959 p. B.0. Times 65°, 80° WSW, 70°, 120° NE. Cherry tree to E may overshadow later. No good sites around. Other sites probably over-exploited along river bank.

Annual Average 24.63 in. based on 19 years to within 1937-57 O/S Period of average 1916-1950 5 Rejected  
 Position of Station on Ordnance One-Inch map : No. of Map 120 National Grid Reference SD(45)189103

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

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			e 1937	v n.p 45	