

RAINFALL at Eggleston (Gwynne Bros)

Wood Hill

County of Durham

Observer E. O. Smith, Esq.

River Basin Tees c. 1

Type of Gauge

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

C 1938

924382/29

Diameter		5									
Height		16								10	
Altitude		1200								1000	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January				3.02	1.44 (4.60)	4.16	4.15	5.01	1.70		
February				.22	6.25 (2.62)	3.94	1.42	2.26	3.13		
March				4.96	1.24	3.00 (4.11)	1.00	3.72	2.95		
April				4.12	3.76 (1.00)	2.81	1.30	1.38	1.60		
May				2.12	1.19	2.08	3.05	2.92	.81	1.25	
June				1.82	1.92	3.25	1.28	3.20	2.30	.89	
July				1.71	.63	2.34	1.86	2.72	4.35	4.68	
August				1.91	1.08 (1.95)	1.41	2.39	4.22	.65		
September				C	1.79	6.98	5.03	1.49	1.36	2.22	
October				3.69	4.79	5.41 (3.08)	2.60	6.72	7.18	4.17	
November				3.56	2.32	5.79	3.78	1.00	3.69	4.07	4.72
December				1.61	4.97	2.19 (2.62)	(4.48)	4.68	1.19	2.19	
TOTALS				inches	33.76	37.18 (36.46)	(32.81)	34.68	37.85	29.65	
				d	7½	d	d	d	d	d	

1938 Forest belt 3' high & under 20' high 20° to 35°.

1939 Gauge moved to Harkness Plantation in July, 1936 - to be printed as 'Wood Hill'

1936 1/12 too many adjustments.

1937 Broom bushes 3'-5' high 10-20yds S+S.W.: Pine trees 30-40' high 10-20yds N+E.

1938 Shrub 2'-3' high 6'-7' E.W.: Trees 20' high 10-20yds N+S.

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
1933			Romaldkirk	3m	S.E.	Eggleston	18m	S.E.
1931			Romaldkirk	1½m	S	Eggleston	1m	N.W.
1938			"	2m	W	"	"	"

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

Station No. M. 2519/5

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RAINFALL at Eggleston (Wood Hill)

County of Durham Observer E. A. Smith Esq.

River Basin Tees + C = 1

Type of Gauge.

Annual Average 34.2 in. based on 11 years obs. un-weighted. Period of average 1881-1915

Ref. P.B. 1447

(1946)

c. 1933

File No. 924382/29

Diameter	5"		027	900								
Height	1' 0"			1								
Altitude	1035'			44								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.08	3.42	4.34	2.82	4.81	1.69	3.03	8.45	1.31	2.25		
February	3.94	1.74	1.79	2.95	2.87	2.46	(3.00)	3.09	2.34	5.85		
March	3.19	1.88	1.59	.31	1.15	2.02	(6.84)	1.85	1.40	1.27		
April	2.23	1.35	1.86	1.62	2.81	1.02	5.83	2.60	2.13	2.28		
May	1.40	1.84	3.67	1.48	3.33	2.30	2.16	1.86	.94	1.60		
June	.40	.68	2.56	1.86	2.00	1.73	3.28	2.04	1.19	1.41		
July	1.13	2.23	2.08	4.61	1.75	3.52	3.05	1.62	2.88	3.63		
August	2.75	2.76	4.85	1.42	3.66	4.85	.29	3.98	2.08	5.21		
September	.15	2.28	3.55	5.88	1.68	5.41	2.99	3.04	2.44	4.44		
October	4.41	2.45	3.34	3.52	4.71	1.12	1.05	1.93	4.46	1.84		
November	4.00	1.00	2.48	7.85	1.12	6.85	4.02	1.81	5.05	6.81		
December	1.20	3.46	2.01	3.49	1.75	3.41	2.86	2.94	5.10	2.13		
TOTALS	28.88	25.09	34.12	37.81	31.64	36.38	38.40	36.41	31.31	38.68		

1947 Febest. for snow. Marchest.

30004

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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

BRITISH RAINFALL ORGANIZATION

Station No. 3519/5 m

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RAINFALL at Eggleston (Wood Hill)

County of Durham

Observer E. D. Smith Esq.

River Basin Tees & Co. - 1

Type of Gauge (in. rain)

Annual Average 34.2 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. PB 447
 " 32.56 " " 19 " 1881/1937-56. " " " File No. 224382/29

Diameter ...	$\delta^{\prime \prime}$										
Height ...	1' 0"										
Altitude ...	1000'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.81	2.71	.78	3.23	2.90	3.88	3.66	2.52	2.63	5.78	
February	3.84	.52	2.02	2.41	2.94	2.33	3.04	5.15	.34	3.46	
March	4.17	1.97	.34	1.86	2.23	1.78	1.66	3.24	1.35	2.77	
April	2.79	1.09	2.74	.81	.50	.96	.43	2.07	2.52	1.98	
May	4.02	1.21	2.63	4.71	2.57	.86	2.00	3.96	.36	2.36	
June	.78	1.26	3.26	2.63	2.34	2.96	1.20	3.76	1.84	.71	
July	1.20	1.49	2.71	1.59	1.20	3.14	3.85	2.90	1.49	4.65	
August	3.59	2.42	4.15	4.84	1.59	8.00	5.17	3.00	.74	2.35	
September	1.48	4.25	2.39	4.20	1.56	3.85	4.22	3.08	1.21	2.75	
October	1.49	3.65	2.36	6.36	1.74	1.73	2.95	2.25	2.10	7.84	
November	8.88	3.13	2.70	6.23	2.30	1.00	2.53	.71	5.43	4.56	
December	5.44	2.63	1.47	3.96	5.30	4.51	3.59	5.38	5.41	3.83	
TOTALS ...	40.49	26.33	27.55	42.83	27.17	35.00	34.30	38.02	25.42	43.04	
	d	d	d	d	d	d	d	d	d	"d"	

1956 - 05 on 19 Oct gauge but confirmed by observer.

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Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference N745928230

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
			✓ Comp 1933 np36 ✓ d 34-37 D 38-30	✓ bwd d 46-47, 50	