

# RAINFALL AT

*Quinton Lightwood*

Lat. *1° 55' W*

Lon. *53° 16' 30" N*

County of

*Derby*

Rain Gauge, by

Observer

*W. H. Graves Esq. C.E.*

*Series 6*

Diameter ..	8										
Height ....	1 0										
Altitude ..	1300										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..		2.88									
February ..		3.21									
March ....	1.13	3.71									
April .....	2.23	3.31									
May .....	1.93	1.94									
June .....	4.85	2.89									
July .....	4.56	1.32									
August ....	5.25	2.60									
September..	1.31	1.27									
October ....	6.06	4.03									
November ..	3.44	5.74									
December ..	5.53	10.54									
TOTALS ..		43.44	No Observations								

*1900 Fairfield Church 5500 ft 41° 30' SE*

RAINFALL at Buxton, Highwood.County of Derbyshire Observer T. Langley, Esq., C.E.River Basin Trent - Derwent. 6. Borough Surveyor.

(1927) H.O. Rain Gauge, by \_\_\_\_\_

Diameter ...								8"			
Height .....								11"			
Altitude ...								1,191.			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
								#			
January ...								4.24	9.41	1.68	5.92
February ...								2.30	4.96	1.02	8.4
March .....								5.21	3.95	7.4	2.66
April .....								4.55	1.53	1.56	2.99
May .....								1.42	9.9	2.85	3.47
June .....								8.36	4.83	2.07	2.01
July .....								3.64	2.03	5.19	8.07
August .....								8.49	5.75	6.14	6.54
September...								6.56	8.1	2.09	5.16
October .....								3.41	6.78	6.26	7.29
November...								4.25	8.26	9.48	5.17
December...								2.12	2.99	9.79	4.29
TOTALS...								51.55	52.29	48.87	54.41

1927. Hiles 400 yds. NW.

NB. Readings 1927-32 rather too low. Gauge to be moved in 1933.  
 as 1927-32 = 48.8. This is probably about 1" too low.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			L.M.S. Buxton(?)	1 mi.	SW.	Fairfield	1 mi.	E.

RAINFALL at Buxton (Lightwood)County of DerbyshireObserver F. Langley, Esq., C.E.River Basin Trent - Derwent 6A. L. W. Ryland Esq., B.E.

Type of Gauge.....

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

822.245/28.

Diameter .....	8										
Height .....	0 11										
Altitude .....	1191										
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....	6.70	5.10	2.46	4.43	3.30	4.01	5.36	5.91	7.10	2.76	
February .....	4.32	4.7	4.06	4.40	5.85	2.59	7.40	2.40	3.35	2.80	
March .....	2.7	2.77	3.36	3.20	1.74	2.53	2.61	1.55	3.47	2.87	
April .....	5.84	5.04	1.97	2.40	3.47	1.40	4.30	4.2	2.75	3.70	
May .....	3.53	5.11	1.80	2.70	5.4	4.4	2.73	4.89	1.96	1.18	
June .....	6.23	1.13	5.09	2.06	4.91	4.17	1.80	4.06	2.93	1.26	
July .....	5.09	3.70	3.01	3.65	1.66	7.71	4.15	6.01	7.96	5.04	
August .....	7.25	1.45	1.57	3.15	2.08	1.65	2.00	2.27	2.45	2.33	
September .....	4.38	3.65	7.7	3.96	6.50	5.79	1.72	3.87	1.38	4.11	
October .....	2.54	8.19	6.26	5.68	9.56	6.01	2.72	7.01	3.88	4.63	
November .....	6.37	4.15	2.47	1.55	6.71	5.45	1.66	5.65	8.60	8.78	
December .....	1.99	1.69	4.9	6.40	4.21	5.00	4.41	7.12	2.63	5.81	
TOTALS .....	54.51	42.45	33.31	39.58	50.53	46.75	40.86	51.16	48.06	45.24	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931.

Hills surround gauge.

Insufficient 28/9/33 Bad exposure. No wind effect.

Jan &amp; Feb adj for snow.

NB. As 43.2 inched as 5" inches (2 years as 1937-38) average 1927-32 = 48.8. In 10/33 station was improved &amp; more suggested. The average should increase by this move.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			L.N.E.R. Rly.	1m	S.W.	Fairfield	1m	E.



Station No. T.F. 2681

RAINFALL at Buxton (light-wood) <sup>†</sup>

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County of DerbyshireObserver J. Langley Esq. L.C.River Basin Trent - Derwent - E.A. H. W. Ryland Esq. L.C.

Type of Gauge.....

The Borough Surveyors & Water Engineer

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

File No. 822248/28

Diameter	8"										
Height	0' 11"									1' 0"	
Altitude	1191'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.40	3.69	6.31	8.34	3.66	6.01	3.54	12.65	3.60	3.53	
February	4.66	2.73	3.23	3.43	4.35	8.48	1.57	3.66	2.36	6.27	
March	4.62	2.44	1.86	.76	1.60	1.82	4.49	1.67	3.28	2.44	
April	2.86	2.36	2.45	3.38	2.69	2.20	3.15	2.35	4.45	4.82	
May	3.58	5.41	3.83	2.45	4.09	1.79	3.27	1.46	3.22	1.58	
June	3.20	.22	3.71	3.70	3.82	5.93	2.51	7.26	1.92	2.94	
July	4.43	6.06	1.88	4.89	2.23	5.53	2.50	3.50	3.31	3.12	
August	7.18	4.28	4.29	3.44	3.13	5.82	.56	6.14	2.49	4.62	
September	.70	3.41	5.94	6.29	2.43	7.56	2.19	2.95	1.28	5.93	
October	6.13	7.60	3.64	6.00	8.28	1.49	1.02	2.84	4.38	2.49	
November	4.48	1.55	5.12	7.45	.83	9.16	4.75	3.46	6.74	7.09	
December	3.97	5.78	3.03	4.24	4.21	4.31	5.27	4.96	7.69	3.92	
TOTALS	49.81 D	45.53 D	45.35 D	54.37 D	41.32 D	60.10 D	34.82 D	52.90 D	43.72 D	48.75 D	

1947 n.p. low. 1949 n.p. low.

1948 L.P. low.

Temperature unorthodox

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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Buxton	1 m.	S.W.	Fairfield	1 m.	E.
1948			Buxton	1 m.	N.N.W.	St John	1 m.	N.

BRITISH RAINFALL ORGANIZATION

Station No. 2681

T.F. 24

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RAINFALL at BUXTON (LIGHTWOOD)County of DERBYObserver THE BORO' ENGINEERRiver Basin TRENT - DERWENT - 6Type of Gauge Small Septant

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

File No. 822248/28

Diameter ...	8"										
Height ...	1' 0"										
Altitude ...	1191'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.17	6.79	2.35								
February ...	3.35	2.86	1.89								
March ...	6.93	2.73	2.90								
April ...	3.05	4.29	2.93								
May ...	2.12	2.25	2.28								
June ...	2.33	3.24	4.29								
July ...	3.22	3.36	4.67								
August ...	5.00	2.04	5.20								
September ...	2.65	4.42	2.89								
October ...	1.82		1.63								
November ...	11.74		2.69								
December ...	7.11		2.04								
TOTALS ...	54.49	INC	35.76								
	N.P.D	NP	NP								

1951. n.p. low.

The record has never been satisfactory &amp; as no site is available within the Caprain Boundary &amp; will no longer be sent to H.O.S. 7.11.52.

1952 Terminated.

1953 NP low

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

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
				Unlocated		
				9 record poor		
						5772

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		c1927 228-30	✓ ✓	✓ Vnp. 47.50 ✓	