

RAINFALL AT Buxton LightwoodLat. $1^{\circ} 55' \text{ N}$ Lon. $53^{\circ} 16' 30'' \text{ E}$ County of Derby

Rain Gauge, by

Observer

W. H. Grieves Esq. C.E.

Diameter 6.

Diameter ..	8									
Height ..	10									
Altitude ..	1300									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	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. $41^{\circ} 30' \text{ SE}$

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

(1927) M.O. Rain Gauge, by _____

Diameter							8"			
Height							11"			
Altitude							1,191.			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
										MEANS.
January								4.24	9.41	1.68
February								2.30	4.96	1.02
March								5.21	3.95	7.4
April								4.55	1.53	1.56
May								1.42	99	2.85
June								8.36	4.53	2.07
July								3.64	2.03	5.19
August								5.49	5.75	6.14
September...								6.58	81	2.09
October								3.41	6.78	6.26
November...								4.25	8.26	9.48
December...								2.12	2.99	9.79
TOTALS...								51.55	52.29	48.87
								10	10	10

1927. Miles 600yds. NW.

N.B. Readings 1927-32 rather too low. Gauge to be moved in 1933.

At 1927-32 = 18.8. 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
			L.M.S. Buxton(?)	1mi.	S.W.	Fairfield	1mi E.

RAINFALL at Buxton (Lightwood)

County of Derbyshire

Observer F. Langley Esq., C.E.

River Basin Trent - Derwent 6

A. L. W. Ryland Esq., B.Sc.

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	2.46	
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	2.84	
April	5.84	5.04	1.97	2.40	3.47	1.40	4.30	1.42	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	2.53	1.26	
July	5.09	3.40	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	1.77	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	8.40	8.78	
December	1.99	1.69	1.49	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

Hello sunround gauge.

Inaptia 28/9/33 Bad exposure. New site selected.

Jan & Feb adi for snow.

N.B. As 1932 rejected as 5" too low (Dyscan 1937-29) Average 1927-32 = 48.8. In 10/33 station was installed & more deflected. The average should increase by this move.

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			L.N.E.R. Rly.	1m	S.W.	Fairfield	1m	E.

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

Station No. T.F. 2681

RAINFALL at Buxton (Lightwood)⁺

41

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

Type of Gauge

The Borough Surveyor 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	6.81	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	4.48	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	2.31	3.12	
August	7.18	4.28	4.29	3.44	3.13	5.82	.56	6.14	2.49	4.62	
September	7.70	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	8.3	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	49.21 D	45.53 D	45.35 D	54.37	41.32	60.10 D	34.82 D N.W.	52.90 D N.E.	43.72 D N.W.	48.75 D N.E.	

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

1948 t.p. low.

Exposure unorthodox

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
1941 1948			Buxton Buxton	1 m. 1 m.	S.W. N.N.W.	Fairfield St.Johns	1 m. 1 m.	E. N.

Station No.....

2681

T.F. 24

RAINFALL at BURTON (LIGHTWOOD)

County of DERBY

Observer THE BORO' ENGINEER

River Basin, TRENT - DERVENT - 6

Type of Gauge, Smooth Septalgent

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

Ref.....

File No. 822248/28

51

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								
	Y.P.D	NP	NP								

1951. n.p. low.

The record has never been satisfactory & no site is available within the Corporation Boundary
& will no longer be sent to M.O.B. 7.11.52.

1952. Treated.

1953. NP low

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

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

+ record poor value

ST72

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19		1920-30		1931-40		1941-50		1951-60	
				c1927				✓	✓ np. 47.50		
				328-30				✓			