

RAINFALL AT Buxton Burbage EdgeLat. $52^{\circ} 15' N$ Lon. $1^{\circ} 57' W$

County of Derby

Rain Gauge, by

Observer W H Grieve Eng C.E.

Derwent - 6.

Diameter ..	8										
Height ..	10	.									
Altitude ..	1400	m									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.18	4.19	4.57	5.56	5.91	4.21	7.68	2.56	4.56	3.19	48.61
February ..	5.51	3.61	2.09	4.80	5.54	3.93	4.52	2.91	6.20	3.38	42.49
March ..	1.45	3.75	4.38	5.99	2.56	5.86	4.79	4.89	4.64	5.28	43.69
April ..	3.57	4.31	2.67	3.39	3.46	4.64	2.44	3.15	3.95	3.86	3.544
May ..	2.04	1.96	5.13	3.25	3.69	.98	4.50	4.45	4.63	2.79	33.42
June ..	5.90	3.19	1.77	1.16	1.07	2.58	1.92	10.21	2.94	3.27	3.401
July ..	5.57	2.89	4.22	4.32	3.26	3.13	2.84	4.78	5.56	7.57	44.14
August ..	5.57	2.81	4.63	7.29	5.70	5.02	3.56	6.58	5.21	3.68	5.005
September ..	1.99	1.93	2.37	6.64	2.80	3.35	2.60	1.17	4.69	3.94	31.48
October ..	7.20	5.83	7.15	11.53	1.94	5.39	7.48	5.92	1.68	8.43	62.55
November ..	4.02	6.96	2.80	6.03	5.01	6.09	6.11	4.29	5.19	1.96	47.46
December ..	7.43	10.19	4.70	3.49	2.85	1.33	6.83	4.70	4.28	9.11	54.91
TOTALS ..	56.43	51.62	46.48	63.45	43.79	46.51	54.27	55.61	53.53	56.56	528.95

D D D D D

1900 Burbage Church 3600' E

1903 Buxton Station 1½ Miles E

In middle of open moor

Hus

RAINFALL at Buxton Burbage Edge

County of Derbyshire

Observer F. Langley Esq. C.R.

River Basin Trent-Derwent 6

Rain Gauge, by

Diameter ...	8										MEANS.	TOTALS
Height	1.0											16.12
Altitude ...	1400 ft											17.72
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	5.05	2.44	4.60	4.91	4.08	9.42	4.63	3.56	3.64	5.89		16.12
February ...	5.70	4.85	2.22	2.23	3.62	6.14	7.09	1.62	6.77	1.93		17.31
March	1.60	3.94	7.56	6.18	7.13	2.37	3.56	3.33	2.11	6.27		16.27
April	7.24	4.64	1.30	5.48	2.41	2.34	5.90	2.95	2.29	4.02		18.16
May	4.39	1.63	3.15	3.62	4.05	1.68	2.75	2.12	3.58	1.92		10.37
June	2.99	3.98	5.64	4.16	2.25	4.13	4.40	2.75	3.25	3.33		13.73
July	8.22	.59	6.58	1.65	6.19	(8.10)	3.40	2.68	6.18	3.89		15.63
August	7.20	3.80	10.12	2.15	5.74	4.97	3.61	9.51	4.79	6.06		23.97
September ..	7.72	3.50	3.41	2.10	4.80	1.12	4.16	3.32	11.96	4.18		23.65
October ...	4.10	4.13	4.90	4.12	3.27	2.52	7.67	8.36	3.92	8.39		23.34
November ..	7.58	4.78	4.55	5.37	6.75	3.07	4.92	6.87	4.26	4.59		20.63
December ...	8.27	8.88	6.81	3.36	8.16	9.33	5.01	2.68	11.09	10.30		27.08
TOTALS ...	63.06	47.19	60.84	45.83	58.45	(55.19)	57.10	49.75	64.83	55.17		126.83
	D	D	I	I	D	D	D	D	D	D		44

1912 f. in middle of open moor

1915 grey part eat.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.15	1.57 W	Buxton	1 1/4 mi	E	Burbage	1 1/2 mi 2500' 3600'	35° NE E

RAINFALL at Buxton Burbage Edge

County of Derbyshire

Observer F Langley Esq G.E.

River Basin Trent-Derwent 6

Borough Surveyor.

No Rain Gauge, by

Diameter ...	9	Height	1.0	Altitude ...	1400	Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January	6.32	8.87	5.60	6.33	3.90	4.67	6.25	5.87	12.96	3.29	6.71						Totals: 70.69
February	5.17	9.92	7.88	8.44	1.21	7.84	4.46	3.38	6.38	1.19	7.3						47.60
March	3.51	5.19	4.01	2.51	1.42	2.39	2.57	6.93	3.07	1.29	3.20						36.09
April.....	9.13	2.70	3.60	4.61	2.92	3.95	2.87	5.15	1.59	2.13	3.00						41.65
May	7.12	2.55	1.53	5.33	5.96	6.23	5.19	1.80	1.03	3.39	3.34						43.47
June	4.63	.96	2.78	2.48	3.74	.28	4.53	8.52	6.11	2.60	3.14						37.67
July	6.83	2.19	6.20	5.12	5.66	3.19	3.80	4.18	2.77	4.65	8.76						53.35
August	3.06	6.39	6.17	5.97	8.86	6.49	5.34	6.42	6.31	6.45	8.11						68.57
September...	4.40	1.57	5.19	8.26	6.14	6.68	4.22	8.15	.99	3.08	5.62						54.30
October.....	2.72	3.72	.99	6.67	7.63	7.64	3.64	5.14	7.58	8.25	8.68						62.66
November...	1.88	3.04	3.89	6.33	2.62	3.53	6.12	5.55	10.67	10.96	5.51						60.10
December...	4.20	7.66	6.84	6.68	5.01	4.62	2.91	1.81	3.41	10.70	5.09						58.93
TOTALS...	58.99	45.66	54.68	68.73	55.07	56.51	51.90	62.90	62.77	57.98	61.89						637.08
	2	2	2	2	2	2	2	2	2	2	2						17.96

In middle of morn

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

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53°15'	1°57'	Buxton	1 1/4 mi	E	Purbage	3600'	E

RAINFALL at Buxton (Bunbage Edge)

County of Derbyshire

Observer F. Langley Esq., C.E.

River Basin Trent-Derwent 6

A. & W. Ryland Esq., B.E.

Type of Gauge

Annual Average 52.5 in. based on 29 years obs. unweighted. Period of average 1881-1915 Ref. S.

822248/28.

Diameter	8											
Height	10											
Altitude	1400											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	8.62	5.88	2.54	5.09	3.40	3.42	5.27	6.37	6.42	2.86		49.87
February	5.86	3.9	3.63	3.6	6.37	2.37	7.00	2.47	3.48	2.98		34.91
March	4.2	3.83	2.99	3.40	1.88	2.60	2.60	1.73	3.02	3.00		25.47
April	6.24	6.25	1.58	2.34	3.42	1.63	4.14	.54	3.17	3.12		32.43
May	3.57	5.37	1.97	3.07	.69	.51	2.74	3.67	1.52	1.33		24.44
June	7.58	9.1	4.73	1.54	4.95	4.32	1.84	4.85	3.05	1.70		35.47
July	6.27	4.39	3.78	2.89	2.18	7.30	3.79	5.84	9.74	5.23		51.41
August	7.63	1.53	1.39	3.29	1.93	2.50	1.28	2.89	2.88	2.48		27.80
September	5.39	4.83	1.05	4.13	6.56	6.24	1.87	2.82	1.40	3.84		33.23
October	2.71	8.50	7.72	5.84	9.52	6.13	2.76	6.96	3.35	4.86		58.35
November	7.83	4.56	2.74	1.61	6.14	5.92	2.34	5.55	8.73	9.43		54.85
December	2.45	2.22	.66	6.66	4.78	4.58	3.45	7.03	3.11	5.75		40.67
TOTALS	64.57	48.66	34.78	40.22	51.82	47.62	39.08	50.72	49.87	46.58		473.42
	D.		473.42									

1931 Gauge in middle of moor.

Infected 20/7/33. Probably somewhat oversheltered but no change recommended.

1940 Jan - Feb adj. for snow.

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			Buxton	13 km	E.	Bunbage	3600y	E.

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

Station No. TF 2649

RAINFALL at Buxton (Buxton Edge)

41

County of DerbyshireObserver Borough Surveyor & Water EngineerRiver Basin Sheaf - Derwent - 6

Type of Gauge.....

Annual Average 52.8 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 822248/28

Diameter	8"			107	477							
Height	10°				1							
Altitude	1400'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.00	4.53	6.17	7.14	4.25	5.23	3.70	12.30	3.48	3.18		Totals
February	4.84	3.32	3.76	2.66	4.81	8.82	1.46	4.07	2.21	7.53		52.98
March	4.13	2.23	1.58	93	1.86	1.69	6.69	2.30	2.88	2.29		43.48
April	2.85	2.67	2.99	3.85	2.61	2.27	4.02	2.88	5.20	5.12		26.53
May	3.41	5.28	3.66	2.67	4.18	2.11	3.65	2.27	3.75	1.56		34.46
June	2.89	.81	4.30	4.46	4.46	5.69	3.44	8.92	2.12	3.56		32.54
July	3.85	6.77	2.19	5.02	1.84	5.95	3.61	4.76	3.65	3.76		40.65
August	7.36	3.83	5.76	3.71	3.62	5.91	.65	6.99	3.26	6.34		41.40
September	.70	4.08	5.97	5.80	2.76	6.93	2.74	3.96	1.84	4.50		47.43
October	6.65	8.29	3.58	5.92	7.63	1.23	1.30	3.68	5.00	3.31		41.28
November	6.29	1.47	4.53	6.90	.75	8.37	6.65	3.91	6.72	7.67		46.59
December	3.23	5.20	2.74	3.80	4.70	4.54	6.05	4.71	7.26	3.56		52.26
TOTALS	46.20	48.48	47.23	52.86	43.47	58.74	43.96	60.75	47.37	54.58		505.64
	D	D	D	D	D	D	D	D	D	D		D

1946 Gauge in middle of road

1947 Weekly averages from T. S. D. (See 160A, fl. 822248/28)

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			Buxton Buxton	1 3/4 m.	E	Burbage	3600 ft.	E.
1948				1 1/2 m.	E.N.E.	Burbage	5 miles	E.

Station No. 2679 T.F. 51

RAINFALL at BUXTON (BUXTON EDGE)

County of DERBY Observer THE TOWER ENGINEER

River Basin TRENT - DERWENT - 6

Type of Gauge.

Annual Average 52.8 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " " 56.92 " " 26 " " WITHIN 1916-57 " " " 1916-1950 S
 File No. 822248/28

Diameter ...	8"		107	477								
Height ...	1' 0"				1							
Altitude ...	1400'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	4.35	6.41	2.81	5.18	3.37	7.73	3.98	5.61	4.75	6.97	51.16	
February	4.81	2.90	1.43	4.62	2.93	1.20	3.39	4.00	.91	4.64	35.83	
March	8.30	3.61	3.29	3.59	3.26	2.65	5.12	2.21	3.22	1.83	37.08	
April	3.63	4.86	4.48	1.27	3.71	2.52	.52	2.21	3.87	3.00	29.83	
May	2.55	2.46	2.66	3.89	4.97	1.44	2.89	4.95	.92	2.22	28.95	
June	2.50	4.04	4.55	4.64	4.28	4.10	2.78	7.84	1.78	3.36	39.87	
July	3.71	4.39	6.64	7.16	1.22	7.56	6.99	6.24	3.42	10.92	58.25	
August	6.18	2.87	5.72	6.06	1.19	12.26	7.38	4.91	2.47	5.42	54.46	
September	3.07	5.53	4.14	7.33	3.48	4.71	11.58	6.34	.21	5.23	51.62	
October	1.49	4.99	2.61	9.23	4.07	3.94	14.49	5.95	4.63	6.87	48.17	
November	12.25	3.83	3.49	8.05	3.65	2.78	2.11	2.05	5.24	7.51	50.96	
December	7.11	4.96	2.56	8.94	6.16	6.21	6.88	5.78	9.31	6.16	64.06	
TOTALS ...	59.95	50.75	44.38	69.96	42.34	57.10	58.11	63.64	40.43	64.13	550.24	
	W	W	W	W	W	W	W	W	W	W		

1955. Feb. partest. 9036.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SK(47)035728

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓