

RAINFALL AT Buxton Bursage Edge

Lat. 53° 15' N

Lon. 1° 57' W

County of Derby

Rain Gauge, by

Observer W. H. Grievess Esq. C.E.

Serwent - 6.

Diameter ..	8											
Height	10											
Altitude ..	1400											
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	35.44	
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	34.01	
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	50.05	
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	5.11	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	528.25	

1900 Bursage Church 3600' E

1903 Buxton Station 1 1/2 miles E

In middle of open moor

H. H. H.

RAINFALL at Buxton Broughton EdgeCounty of DerbyshireObserver F. Langley Esq C.E.River Basin Trent - Derwent 6

Rain Gauge, by _____

Diameter ...	8											
Height	1.0											
Altitude ...	1400 π											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
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	4.88	2.22	2.23	3.62	6.14	7.09	1.62	6.77	1.33		17.72
March	1.60	3.94	7.56	6.18	7.13	2.37	3.56	3.33	2.11	6.27		17.31
April	7.24	4.64	1.30	5.48	2.41	2.34	5.90	2.95	2.29	4.02		16.27
May	4.39	1.63	3.15	3.62	4.05	1.68	2.75	2.12	3.58	1.92		15.16
June	2.99	3.98	5.64	4.16	2.25	4.13	4.40	2.75	3.25	3.33		10.37
July	8.22	.59	6.58	1.65	6.19	(8.10)	3.40	2.68	6.18	3.39		13.73
August	7.20	3.80	10.12	2.15	5.74	4.97	3.61	9.51	4.79	6.06		15.61
September ..	.72	3.50	3.41	2.10	4.80	1.12	4.16	3.32	11.96	4.18		23.97
October ...	4.10	4.13	4.90	4.12	3.27	2.52	7.67	8.36	3.92	3.39		23.61
November ..	7.58	4.78	4.55	5.37	6.75	3.07	4.92	6.87	4.25	4.39		23.34
December ...	8.27	4.88	6.81	3.36	8.16	9.33	5.01	2.68	11.09	10.30		20.63
TOTALS ...	63.06	47.19	60.84	45.33	58.45	(55.19)	57.10	49.75	64.83	45.17		29.05
	D	D	D	D	D	D	D	D	D	D		14.24

1912 f. in middle of open moor
 1915 grey part cat.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.15	1.57 W	Buxton	1 3/4 m	E	Broughton Edge	7500' 3600'	35° NE E

RAINFALL at Bushton Purbage EdgeCounty of DerbyshireObserver H. Langley Esq. C.E.River Basin Great-Derwent 6Bomyl Surveyor70

Rain Gauge, by

Diameter ...	8											
Height	1.0											
Altitude ...	1400											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	6.34	8.87	5.60	6.33	3.90	4.67	6.25	5.87	12.86	3.29	6.71	Totals: 70.69
February ...	5.17	.92	7.88	8.44	1.21	7.84	4.46	3.38	6.38	1.19	.73	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	.86	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	8.49	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
	D	D	D	D	D	D	D	D	D	D	D	476

3 in. inside of man.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 15'	1° 57'	Bushton	1 1/2 mi	E	Purbage	3600'	E

RAINFALL at Buxton (Burbage Edge)County of DerbyshireObserver F. Langley, Esq., C.E.River Basin Trent DerwentA. B. W. Ryland Esq. C.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	3											
Height	1 0											
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	.91	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	6.34	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		40.69
TOTALS	64.57	48.66	34.78	40.22	51.82	47.62	39.08	50.72	49.87	46.58		473.42
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		486

1931 Gauge in middle of moon.

Inspected 26/7/33. Probably somewhat over-sheltered but no change recommended.

1940 Jan = Feb adj. for snow.

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.			Buxton	1 1/2	E.	Burbage	3600 y.	E.

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

Station No. T.F. 2649RAINFALL at Duxton (Burbage Edge)

41

County of DevonshireObserver The Borough Surveyors & Water EngineersRiver Basin West-Devon-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	1'0"				1							
Altitude	1400'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.00	4.53	6.11	7.14	4.25	5.23	3.70	12.30	3.48	3.18		Total 52.98
February	4.84	3.32	3.76	2.66	4.81	8.82	1.46	4.07	2.21	7.53		43.48
March	4.13	2.23	1.58	.93	1.86	1.69	6.69	2.30	2.88	2.29		26.58
April	2.85	2.67	2.99	3.85	2.61	2.27	4.02	2.88	5.20	5.12		34.46
May	3.41	5.28	3.66	2.67	4.18	2.11	3.65	2.27	3.75	1.56		32.54
June	2.89	.81	4.30	4.46	4.46	5.69	3.44	8.92	2.12	3.56		40.65
July	3.85	6.77	2.19	5.02	1.84	5.95	3.61	4.76	3.65	3.76		41.40
August	7.36	3.83	5.76	3.71	3.62	5.91	.65	6.99	3.26	6.34		47.43
September	.70	4.08	5.97	5.80	2.76	6.93	2.74	3.96	1.84	6.50		47.28
October	6.65	8.29	3.58	5.92	7.63	1.23	1.30	3.68	5.00	3.31		46.59
November	5.29	1.47	4.53	6.90	.75	8.37	6.65	3.91	6.72	7.67		52.26
December	3.23	5.20	2.74	3.80	4.70	4.54	6.05	4.71	7.26	3.56		45.79
TOTALS	48.20	48.48	47.23	52.86	43.47	58.74	43.96	60.75	47.37	54.38		505.44
	D	D	D	D	D	D	D	D	D	D		D

1946 Gauge in middle of snow
 1947 Weekly readings from 1.1.47. (enc. 140A, pp. 822248/28)

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.	Direction
1941 1945			Duxton Buxton	1 3/4 m. 1 1/4 m.	E E.N.E	Burbage Burbage	3600 ft. 5 miles	E E

BRITISH RAINFALL ORGANIZATION

Station No. 2629

T.F.

RAINFALL at BUXTON (BURRAGE EDGE)

51

County of DERBY Observer THE BOARD ENGINEER,River Basin TRANT - DRAWENT - 6

Type of Gauge.....

Annual Average 22.8 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. S
" " 54.92 " " 26 " " WITHIN 1916-57 " " 1916-1950File No. 822248/38

Diameter ...	8"			107	477							
Height ...	1' 0"											
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	3.77	2.52	.52	2.21	3.57	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	12.92	58.25	
August ...	6.18	2.87	5.72	6.06	1.19	12.26	7.38	4.91	2.47	5.42	52.46	
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	4.89	2.61	9.23	4.07	3.94	4.49	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	63.09	40.43	64.13	550.24	
	W 8	W	W	W	W	W	W	W	W	W	W	

1955 Feb. peak est. 1036.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SK43035728

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