

RAINFALL AT Buxton Stanley Moor

Lat. 53° 14' N

Lon. 1° 57' W

County of Derby

Rain Gauge, by

Observer W H Gravies Esq. C.E.

Slope -6.

Diameter ..	8									107538	
Height ....	10										
Altitude ..	1340 ft										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.29	3.89	4.57	5.63	5.20	4.02	7.66	2.48	4.21	2.98	4.693
February ..	5.51	3.18	2.24	4.34	5.16	3.80	4.61	2.81	5.45	2.96	4.006
March ....	1.33	4.74	4.22	6.06	2.48	6.27	4.48	4.64	4.29	5.22	4.373
April .....	3.47	4.30	3.02	3.51	3.60	4.83	2.18	3.18	3.83	3.57	3.549
May .....	1.93	1.81	5.52	2.93	3.48	1.01	4.46	4.52	4.55	3.08	3.329
June .....	6.50	3.31	1.99	.98	1.00	2.79	1.82	10.26	2.80	3.10	3.455
July .....	4.80	2.46	4.48	4.20	2.99	3.35	2.79	4.79	5.42	7.96	4.324
August .....	5.92	3.05	4.53	7.73	5.52	4.61	4.24	6.74	5.22	3.81	51.37
September ..	2.02	1.72	2.36	7.31	2.92	3.37	2.59	1.27	4.52	4.04	3.312
October .....	7.28	5.73	7.59	10.82	1.90	5.27	7.71	6.55	1.61	8.31	6.277
November ..	4.07	6.87	2.83	5.60	4.86	5.77	5.21	4.35	5.07	2.32	4.695
December ..	7.44	11.23	4.27	2.86	2.52	1.30	6.63	4.89	4.26	9.47	5487
TOTALS ..	56.58	52.29	47.62	61.97	41.63	46.39	54.38	56.48	51.23	56.82	52537 455

1900 Buxton Church 5550' 16° NE

1903 Beaconsfield 1 1/2 miles NE

Gauge in middle of open moor

RAINFALL at Buxton Stanley MoorCounty of DerbyshireObserver F Langley Esq EsqRiver Basin Trent-Derwent-6

Rain Gauge, by \_\_\_\_\_

Diameter ...	8										
Height .....	1.0										
Altitude ...	1340 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.EANS.
January ...	4.97	2.32	5.00	4.86	4.03	8.71	4.44	3.50	3.53	5.50	16.19
February ...	5.79	4.64	2.10	2.24	3.32	6.03	6.78	1.60	6.80	1.75	16.93
March .....	1.66	3.44	7.53	6.06	7.11	2.23	3.58	3.24	3.05	6.04	15.91
April .....	6.09	4.62	1.58	5.65	2.43	2.22	5.93	2.85	2.17	3.78	14.73
May .....	4.09	1.58	3.48	3.60	4.01	1.50	2.81	2.10	3.42	1.87	10.20
June .....	2.81	3.59	5.75	4.05	2.15	3.76	4.22	2.45	3.52	3.25	13.44
July .....	7.78	.60	6.53	1.66	6.03	7.95	3.50	2.78	6.03	3.20	15.51
August .....	6.87	3.71	10.13	2.06	5.62	4.87	3.39	9.66	4.65	5.89	23.59
September ..	.67	3.63	3.24	2.05	4.79	1.07	4.13	3.12	11.87	4.09	23.21
October ...	3.51	4.09	4.76	4.14	3.22	2.68	7.46	8.14	3.85	3.36	22.81
November ..	7.23	4.59	4.73	5.38	6.64	3.01	5.04	6.80	4.14	4.60	20.58
December ...	7.92	8.43	7.11	3.25	7.92	9.33	4.97	2.60	10.99	9.86	22.42
TOTALS ...	59.39	45.24	61.94	45.03	57.27	53.36	56.25	48.84	64.02	53.19	22.30
	7	7	7	7	7	7	7	7	7	7	7

1912 from middle of open moor

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53°14'5	1.56 W	Buxton	1169M	NE	Buxton	5550'	16° NE	

RAINFALL at Buxton Stanley Moor

County of Derbyshire)

Observer F. Langley Esq. C.B.

River Basin Trent-Derwent 6

Borough Surveyor

70

Rain Gauge, by

Diameter ...	9										
Height .....	1.0										
Altitude ...	1340										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	6.02	8.97	6.68	6.35	4.09	4.58	6.02	5.68	13.33	3.42	7.09
February ...	5.02	.90	7.68	8.74	1.16	7.87	4.66	3.10	6.44	1.25	.84
March .....	3.20	5.08	4.01	2.56	1.41	2.37	2.64	7.02	3.17	1.41	3.29
April .....	8.86	2.55	3.51	4.31	2.91	3.98	2.93	5.22	1.74	2.17	3.13
May .....	6.93	2.47	1.54	5.33	5.91	6.57	5.16	1.88	1.12	3.59	3.69
June .....	4.42	.87	2.83	2.61	3.16	2.28	4.50	8.78	6.35	2.77	3.33
July .....	6.63	2.31	6.05	5.35	5.47	3.26	3.79	4.53	3.01	4.95	7.14
August .....	2.92	6.29	5.99	5.92	8.70	4.83	5.25	6.74	6.45	6.54	8.06
September...	4.25	1.56	4.95	8.06	6.01	6.55	4.19	8.43	1.06	3.20	6.25
October.....	2.64	3.72	1.03	6.69	7.41	7.63	3.60	5.12	7.91	8.45	9.37
November...	1.85	3.04	3.54	6.25	2.64	3.33	6.06	5.68	10.97	11.46	6.21
December...	4.15	7.68	6.73	6.69	5.01	4.34	2.89	1.93	3.53	11.10	5.43
TOTALS...	56.89	45.44	54.54	68.86	53.88	54.43	55.59	51.69	61.11	65.06	63.83
	11	11	11	P	11	11	11	11	11	11	11

1926. In middle of Moor.

1924. June Total amended (see return) 26/3/34

1926. Prec few figures w/o. amended 27/3/34

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53°14'30"	1°56'	Buxton	1 1/4 mi	N E	Burbage	5550'	16° N E

## RAINFALL at Buxton (Stanley Moor).

County of Derbyshire

Observer F. Langley Esq., C.E.

River Basin Trent-Derwent 6

O. &amp; W. Ryland Esq. &amp; C.

Type of Gauge

Annual Average 52.1 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. S.  
with Lake (base Orange) 1900-1920

Wrothead Res.

822245/28

Diameter	8	Height	10	Altitude	1340	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	9.51	6.47	2.58	5.02	3.53	3.47	5.46	6.69	6.58	2.87							Totals 521.8
February	6.85	3.39	3.52	3.39	6.27	2.45	6.47	2.57	3.55	2.98							35.44
March	5.54	3.94	3.46	3.64	1.91	2.69	2.74	1.72	3.10	3.18							26.92
April	6.65	7.00	1.72	2.53	3.72	1.73	4.44	3.37	3.23	3.34							36.73
May	3.70	5.73	2.10	3.26	7.0	5.53	2.93	3.59	1.48	1.24							25.26
June	8.21	1.02	4.34	1.72	5.29	4.36	1.99	4.85	3.18	1.65							36.61
July	6.10	4.18	4.01	2.83	2.28	7.99	3.93	5.98	10.55	5.19							53.04
August	8.19	1.59	1.56	3.37	2.21	2.59	1.28	2.81	2.84	2.58							29.02
September	5.83	5.13	.96	4.34	7.15	6.18	1.92	2.62	1.69	3.69							39.51
October	3.13	8.86	6.97	5.78	10.07	6.51	2.73	6.57	3.40	4.64							58.86
November	8.07	4.36	2.66	1.62	6.13	6.11	2.41	5.50	8.10	9.02							55.28
December	2.54	2.23	4.49	7.12	4.94	4.44	3.39	6.67	3.13	5.78							41.03
TOTALS	69.32	50.90	34.37	41.62	54.20	49.35	34.69	49.94	51.13	46.66							437.88
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.							446

1931. Gauge in middle of moor.

Inverted 26/9/33. No tube funnel &amp; small plate in funnel. Probably somewhat over exposed no change recommended.

1940 Jan 8 Feb adj for rain.

1937. Corrected by F. 1090, 18/4/56. 40%

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	2m	N.E.	Burbage	5550	16° E.M.E.

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

Station No. T.F. 2678

RAINFALL at *Buxton (Stanley moor)*

41

County of *Derbyshire*Observer *J. Lawley Eng. B.E.*River Basin *Trent Derwent G**The Borough Surveyor & Water Engineer.*

Type of Gauge.

Annual Average *52.1* in. based on *29* years obs. un-weighted. Period of average *1881-1915* Ref. *S*File No. *822248/28*

Diameter	8"			107	538							
Height	1' 0"					1						
Altitude	1340'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.59	4.09	5.47	6.95	3.65	5.01	3.35	12.36	3.36	3.24		Totals 50.07
February	4.58	3.31	3.69	2.36	4.77	8.88	1.41	3.97	2.16	6.89		42.02
March	4.04	2.23	1.53	.85	1.83	1.56	6.52	2.34	2.65	2.18		25.73
April	2.69	2.77	2.68	3.65	2.53	2.19	4.09	2.70	1.92	5.79		34.01
May	3.44	5.22	3.67	2.91	3.88	2.25	3.44	2.50	3.65	1.69		32.45
June	2.64	.78	4.32	4.29	4.19	5.09	3.31	8.77	2.02	3.18		38.59
July	3.55	6.52	2.14	4.71	1.71	5.92	3.63	4.57	3.75	3.89		40.45
August	7.23	3.91	5.38	3.92	3.38	5.76	.64	6.98	3.25	5.95		46.40
September	.90	4.01	5.60	5.59	2.61	6.80	2.68	3.69	1.93	6.89		40.60
October	6.81	7.98	3.34	5.73	7.32	1.18	1.20	3.52	4.86	3.18		45.12
November	4.67	1.53	4.33	6.62	.76	8.02	6.49	3.77	6.70	7.22		50.11
December	3.07	4.91	2.71	3.72	4.38	4.23	5.96	4.60	7.57	3.22		44.37
TOTALS	46.11	47.26	44.88	51.16	41.01	56.89	42.72	59.77	46.82	53.32		429.92

1941. Gauge in middle of moor.

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	2m.	N.E.	Burleigh	5.550ft	16° N.E.

Station No. 2678

T.P.

## RAINFALL at BUXTON (STANLEY MOOR)

County of DERBY

Observer THE BORO' ENGINEER

River Basin TRENT - DERWENT - b

Type of Gauge.

Annual Average 52.1 in. based on 29 years obs. un-weighted. Period of average 1881 - 1910 Ref. S  
 " 53.26 " " 39 " - WITHIN 1916-57 " " " 1916 - 1950 S  
 File No. 822248/28

Diameter ...	8"		107	53.8							
Height ...	1' 0"				1						
Altitude ...	1340'				31						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means 70.60
January ...	5.11	6.56	2.87	5.09	3.46	8.38	4.45	5.80	4.71	7.15	53.58
February ...	5.08	2.82	1.75	4.21	2.84	1.31	3.72	8.76	8.86	5.51	36.92
March ...	7.14	3.84	3.09	3.95	3.22	2.00	5.61	2.32	2.99	2.25	36.94
April ...	3.67	5.20	4.41	1.17	3.49	2.80	6.4	2.43	4.99	3.05	31.85
May ...	2.91	2.88	2.79	4.08	5.47	1.49	2.86	4.72	1.90	2.35	30.45
June ...	2.22	4.04	4.04	4.74	4.39	3.79	2.99	8.55	2.15	3.49	40.40
July ...	3.58	3.84	6.91	7.82	1.61	7.63	7.97	7.09	4.56	8.90	59.91
August ...	6.28	3.26	6.14	7.50	1.53	12.76	6.97	4.90	-96	5.41	55.71
September ...	3.76	5.65	4.36	7.29	3.80	5.45	13.11	7.45	-24	5.83	56.94
October ...	4.43	6.00	2.77	9.99	4.49	4.26	5.66	5.77	4.71	7.26	52.33
November ...	1.99	3.98	3.75	9.19	3.58	2.68	2.87	2.17	5.64	7.55	53.40
December ...	7.44	4.79	2.70	9.37	6.24	6.51	7.81	5.87	9.15	6.57	66.45
TOTALS ...	61.21	52.86	45.58	74.40	144.12	59.11	64.59	65.83	41.86	65.32	574.88
	D	D	D	D	D	D	D	D	D	D	

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SK(43)041712

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
	✓	✓	✓	✓	✓