

RAINFALL AT *Buxton Stanley Moor*Lat. *53° 14' N*Lon. *1° 57' N*County of *Derby*

Rain Gauge, by

Observer

*W. H. G. Morris Esq. C.E.**Instrument - 6.*

Diameter ..	8											
Height	10											
Altitude ..	<i>1340 ft</i>											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	<i>6.29</i>	<i>3.89</i>	<i>4.57</i>	<i>5.63</i>	<i>5.20</i>	<i>4.02</i>	<i>7.66</i>	<i>2.48</i>	<i>4.21</i>	<i>2.98</i>	<i>4.693</i>	
February ..	<i>5.51</i>	<i>3.18</i>	<i>2.24</i>	<i>4.34</i>	<i>5.16</i>	<i>3.80</i>	<i>4.61</i>	<i>2.81</i>	<i>5.45</i>	<i>2.96</i>	<i>4.006</i>	
March	<i>1.33</i>	<i>4.74</i>	<i>4.22</i>	<i>6.06</i>	<i>2.48</i>	<i>6.27</i>	<i>4.48</i>	<i>4.64</i>	<i>4.29</i>	<i>5.22</i>	<i>4.373</i>	
April	<i>3.47</i>	<i>4.30</i>	<i>3.02</i>	<i>3.51</i>	<i>3.60</i>	<i>4.83</i>	<i>2.18</i>	<i>3.18</i>	<i>3.83</i>	<i>3.57</i>	<i>3.549</i>	
May	<i>1.93</i>	<i>1.81</i>	<i>5.52</i>	<i>2.93</i>	<i>3.48</i>	<i>1.01</i>	<i>4.46</i>	<i>4.52</i>	<i>4.55</i>	<i>3.08</i>	<i>3.329</i>	
June	<i>6.50</i>	<i>3.31</i>	<i>1.99</i>	<i>.98</i>	<i>1.00</i>	<i>2.79</i>	<i>1.82</i>	<i>10.26</i>	<i>2.80</i>	<i>3.10</i>	<i>3.455</i>	
July	<i>4.80</i>	<i>2.46</i>	<i>4.48</i>	<i>4.20</i>	<i>2.99</i>	<i>3.35</i>	<i>2.79</i>	<i>4.79</i>	<i>5.42</i>	<i>7.96</i>	<i>4.324</i>	
August	<i>5.92</i>	<i>3.05</i>	<i>4.53</i>	<i>7.73</i>	<i>5.52</i>	<i>4.61</i>	<i>4.24</i>	<i>6.74</i>	<i>5.22</i>	<i>3.81</i>	<i>5.137</i>	
September ..	<i>2.02</i>	<i>1.72</i>	<i>2.36</i>	<i>7.31</i>	<i>2.92</i>	<i>3.37</i>	<i>2.59</i>	<i>1.27</i>	<i>4.52</i>	<i>4.04</i>	<i>3.212</i>	
October	<i>7.28</i>	<i>5.73</i>	<i>7.59</i>	<i>10.82</i>	<i>1.90</i>	<i>5.27</i>	<i>7.71</i>	<i>6.55</i>	<i>1.61</i>	<i>8.31</i>	<i>6.277</i>	
November ..	<i>4.07</i>	<i>6.87</i>	<i>2.83</i>	<i>5.60</i>	<i>4.86</i>	<i>5.77</i>	<i>5.21</i>	<i>4.35</i>	<i>5.07</i>	<i>2.32</i>	<i>4.695</i>	
December ...	<i>7.44</i>	<i>11.23</i>	<i>4.27</i>	<i>2.86</i>	<i>2.52</i>	<i>1.30</i>	<i>6.63</i>	<i>4.89</i>	<i>4.26</i>	<i>9.47</i>	<i>5.487</i>	
TOTALS ..	<i>56.56</i>	<i>52.29</i>	<i>47.62</i>	<i>61.97</i>	<i>41.63</i>	<i>46.39</i>	<i>54.38</i>	<i>56.48</i>	<i>51.23</i>	<i>56.82</i>	<i>52.53</i>	

1900 *Burbage Church* 5550' 16° NE
 1903 *Beechbottom* 1½ miles NE
Gauges in middle of open moor

H. H. H.

RAINFALL at

Duxton Stanley Moor

County of Derbyshire

Observer F Langley Esq. C.E.

River 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	MEANS.	TOTALS
January ...	4.97	2.32	5.00	4.86	4.03	8.71	4.44	3.50	3.53	5.50		16.97
February ...	5.79	4.64	2.10	2.24	3.32	6.03	6.78	1.60	6.80	1.75		16.73
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	2.16	3.76	4.22	2.45	3.52	3.20		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		28.42
TOTALS ...	59.39	45.24	61.94	45.03	57.27	53.36	56.25	48.84	64.02	53.19		22.30
	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ		Σ

1912 7 mi middle of open moor

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53 14.5	1.56 W	Duxton	1 1/2 M	NE	Poulage	5550'	16° NE

RAINFALL at Buxton Stanley MoorCounty of DerbyshireObserver L. Langley Esq. C.E.River Basin Great-Derwent 6Borough Surveyor70 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	6.07 ⁵	5.68	13.33	3.42	7.09	Totals 72.26
February ...	5.02	.90	7.68	8.74	1.16	7.87	4.56 ⁴³	3.10	6.44	1.25	.84	47.43
March	3.20	5.08	4.01	2.56	1.41	2.37	2.64	7.02	3.17	1.41	3.29	36.16
April	8.86	2.55	3.51	4.31	2.91	3.98	2.93	5.22	1.74	2.17	3.13	41.31
May	6.93	2.47	1.54	5.33	5.91	6.57	5.16	1.88	1.12	3.59	3.69	44.19
June	4.42	.87	2.83	2.61	3.16 ^{3.16}	.28	4.50	8.78	6.35	2.77	3.33	39.90
July	6.63	2.31	6.05	5.35	5.47	3.26	3.79	4.53	3.01	4.95	7.14	52.49
August	2.92	6.29	5.99	5.92	8.70	4.83	5.25	6.74	6.45	6.54	8.06	67.69
September...	4.25	1.56	4.95	8.06	6.01	6.55	4.19	8.43	1.06	3.20	6.25	54.51
October	2.64	3.72	1.03	6.69	7.41	7.63	3.60	5.12	7.91	8.45	9.57	63.57
November...	1.85	3.04	3.54	6.25	2.64	3.33	6.06	5.68	10.97	11.46	6.21	61.03
December...	4.15	7.68	6.73	6.69	5.01	4.34	2.89	1.93	3.53	11.10	5.43	59.48
TOTALS...	56.89	45.44	54.54	68.86	53.88 ^{54.43}	55.59	51.69 ⁴	64.11	65.08	60.31	63.83	640.02
	D	D	D	D	D	D	D	D	D	D	D	244

1926. In middle of Moor.

1924. June Total amended (see return) 26/5/24

1926. Puc from Feb found W.D. amended 27/2/34

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° 14' 30"	1° 56'	Buxton	1 1/4 mi	N E	Burbage	5550'	16° N E

RAINFALL at Buxton (Stanley Moor)County of DerbyshireObserver F. Langley Esq. C.E.River Basin Trent-Deerwent 6A. B. W. Ryland Esq. C.E.

Type of Gauge

Annual Average 52.1 in. based on 22 years obs. ~~un~~-weighted. Period of average 1881-1905 Ref. S
with Beck (Wash Gauge) 1906-1920Woodhead Res.

822248/28.

Diameter	8											
Height	1	0										
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		Total 52.18
February	6.85	3.9	3.52	3.9	6.27	2.45	6.47	2.57	3.58	2.98		35.44
March	5.4	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	3.7	3.23	3.34		34.73
May	3.70	5.73	2.10	3.26	7.0	5.3	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	5.96	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	9.6	4.34	7.15	6.18	1.92	2.62	1.69	3.69		37.51
October	3.13	8.86	6.97	5.78	10.07	6.51	2.73	6.57	3.60	4.64		58.86
November	8.07	4.36	2.66	1.62	6.13	6.11	2.41	5.50	8.70	9.02		55.28
December	2.54	2.23	4.9	7.12	4.94	4.74	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	51.73	46.66		487.88
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		487.88

1931. Gauge in middle of moor.

Inspected 26/9/33. No tube to funnel & small leak in funnel. Probably somewhat over exposed no change recommended.

1940 Jan & Feb. adj. for snow

1937. Corrected by F. 1090, 18/4/56. 4006

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	2m	N.E.	Burbage	5550	16° N.E.

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

Station No. T.F. 2678RAINFALL at Buxton (Stanley Moor)

41

County of DerbyshireObserver J. Stanley, Eng. C.E.River Basin Trent - Derwent - GThe 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. SFile 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	1.33 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	2.71	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	4.77	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	.80	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	3.84	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 D	47.26 D	44.86 D	51.16 D	41.01 D	56.89 D	42.72 D	59.77 D	46.82 D	53.32 D		489.92 488

1941. Gauge in middle of moor.

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Buxton	2m.	N.E.	Burboage	5.550A	16° N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2678

T.P.

RAINFALL at BUXTON (STANLEY MOOR)

51

County of DERBY Observer Mr. BORD ENGINEERRiver Basin TRENT-DEWENT-6

Type of Gauge

Annual Average 52.1 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. S" " 53.26 " " 39 " " WITHIN 1916-57File No. 822248/28

Diameter ...	8"			107	538						
Height ...	1' 0"				1						
Altitude ...	1340'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means T.M.O.
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	.86	5.51	36.92
March ...	7.74	3.84	3.09	3.95	3.22	2.00	5.54	2.32	2.99	2.25	36.94
April ...	3.67	5.20	4.41	1.17	3.49	2.80	.64	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	.90	2.35	30.45
June ...	2.22	4.04	4.04	4.74	4.39	3.19	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	7.61	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 ...	1.43	6.00	2.77	9.99	4.49	4.25	5.66	5.77	4.71	7.26	52.33
November ...	11.99	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	44.12	59.11	64.59	65.33	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 Direction from gauge	Parish Church.	Distance 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
	✓	✓	✓	✓	