

RAINFALL AT *Buxton Parkbell Bar*

Lat. *50° 14' N*

Lon. *1° 57' W*

County of *Derby*

Rain Gauge, by

Observer

W. H. Gravies Esq. C.E.

Serial - 6.

Diameter ..	8											
Height	10											
Altitude ..	<i>1600 ft</i>											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	<i>6.66</i>	<i>4.34</i>	<i>4.88</i>	<i>5.94</i>	<i>5.77</i>	<i>3.96</i>	<i>7.92</i>	<i>2.61</i>	<i>4.58</i>	<i>3.18</i>	<i>4.984</i>	
February ..	<i>6.15</i>	<i>3.37</i>	<i>2.95</i>	<i>4.75</i>	<i>5.52</i>	<i>3.88</i>	<i>5.29</i>	<i>3.04</i>	<i>5.70</i>	<i>2.68</i>	<i>4.332</i>	
March	<i>1.55</i>	<i>3.71</i>	<i>4.40</i>	<i>6.15</i>	<i>2.56</i>	<i>6.37</i>	<i>4.81</i>	<i>4.62</i>	<i>5.16</i>	<i>5.51</i>	<i>4.484</i>	
April	<i>3.60</i>	<i>4.40</i>	<i>3.08</i>	<i>3.59</i>	<i>3.75</i>	<i>4.73</i>	<i>2.35</i>	<i>3.24</i>	<i>3.81</i>	<i>3.88</i>	<i>3.643</i>	
May	<i>2.11</i>	<i>1.79</i>	<i>5.91</i>	<i>3.60</i>	<i>3.80</i>	<i>1.18</i>	<i>5.03</i>	<i>4.81</i>	<i>5.05</i>	<i>2.99</i>	<i>3.627</i>	
June	<i>6.72</i>	<i>3.66</i>	<i>2.08</i>	<i>1.19</i>	<i>1.12</i>	<i>2.74</i>	<i>1.82</i>	<i>10.79</i>	<i>3.08</i>	<i>3.62</i>	<i>3.682</i>	
July	<i>5.20</i>	<i>2.60</i>	<i>4.77</i>	<i>4.76</i>	<i>3.26</i>	<i>3.67</i>	<i>2.85</i>	<i>4.84</i>	<i>5.82</i>	<i>8.24</i>	<i>4.601</i>	
August	<i>6.19</i>	<i>3.29</i>	<i>4.62</i>	<i>7.93</i>	<i>5.99</i>	<i>5.30</i>	<i>4.10</i>	<i>7.07</i>	<i>5.44</i>	<i>4.02</i>	<i>5.395</i>	
September..	<i>2.32</i>	<i>2.07</i>	<i>2.52</i>	<i>7.68</i>	<i>3.41</i>	<i>3.57</i>	<i>2.74</i>	<i>1.44</i>	<i>4.88</i>	<i>4.01</i>	<i>3.464</i>	
October	<i>7.65</i>	<i>6.17</i>	<i>8.10</i>	<i>12.26</i>	<i>2.31</i>	<i>5.35</i>	<i>8.22</i>	<i>6.79</i>	<i>1.89</i>	<i>9.21</i>	<i>6.795</i>	
November ..	<i>4.79</i>	<i>6.65</i>	<i>3.25</i>	<i>6.12</i>	<i>4.69</i>	<i>6.25</i>	<i>5.25</i>	<i>4.75</i>	<i>5.02</i>	<i>2.35</i>	<i>4.912</i>	
December ..	<i>7.96</i>	<i>11.73</i>	<i>4.70</i>	<i>3.34</i>	<i>2.74</i>	<i>1.32</i>	<i>6.70</i>	<i>5.09</i>	<i>4.54</i>	<i>9.36</i>	<i>5.748</i>	
TOTALS ..	<i>60.90</i>	<i>53.78</i>	<i>51.26</i>	<i>67.31</i>	<i>44.92</i>	<i>48.32</i>	<i>57.08</i>	<i>59.09</i>	<i>54.97</i>	<i>59.05</i>	<i>55.68</i>	

1900 Buxton Church 7500 ft 35° NE

1902 Buxton Station 2 miles NE

In middle of open moor

H.W.B.

RAINFALL at Duxton Portabella BayCounty of DerbyshireObserver Flangley Bay CE.River Basin Trent-Deerwood 6

Rain Gauge, by _____

Diameter ...	8										
Height	10										
Altitude ...	1600 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.07	2.71	5.85	6.14	4.26	9.40	4.77	4.29	3.74	5.96	
February ...	6.24	5.20	2.37	2.38	3.99	6.32	7.33	1.77	6.80	1.86	
March	1.79	3.84	7.63	6.45	7.73	2.53	3.68	3.41	3.19	6.43	
April	7.08	4.92	1.21	6.01	2.44	2.46	6.05	3.17	2.22	4.22	
May	4.42	1.61	3.64	3.76	4.21	1.55	2.89	2.26	3.64	1.95	
June	2.92	4.24	6.03	4.22	2.63	4.22	4.44	2.72	3.72	3.60	
July	8.83	.62	6.91	1.81	6.62	8.29	3.82	2.75	6.13	3.33	
August	7.91	4.13	10.51	2.16	5.99	5.29	3.84	9.81	4.93	6.21	
September83	4.03	3.64	2.14	4.97	1.10	4.37	3.40	12.20	4.33	
October ...	3.93	4.27	4.99	4.23	3.29	2.91	8.10	8.53	4.08	3.51	
November ..	7.49	5.10	5.23	5.71	6.76	3.09	5.28	6.99	4.82	4.63	
December ...	8.94	9.96	7.26	3.53	8.35	9.73	5.14	2.82	11.38	10.39	
TOTALS ...	65.45	50.63	65.27	48.57	61.24	56.89	59.71	51.92	66.35	86.52	
	D	D	D	D	D	D	D	D	D	D	

Total
1876
1776
1671
1566
1074
1448
1608
2479
2435
2422
2122
2973
7345
1466

1902 f in middle of open moor

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52 14	1 57 W	Duxton	2 m	NE	Burage	7.500'	35° NE

RAINFALL at Buxton Portobello BarCounty of DerbyshireObserver L. Langley Esq. G.C.River Basin Great-Ousewater 6Borough SurveyorM.D. Rain Gauge, by

Diameter ...	8											
Height	1.0											
Altitude ...	1600											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	Totals.
January ...	6.88	9.27	5.62	7.05	4.19	4.78	6.38	6.03	13.93	3.39	7.01	74.53
February ...	5.44	9.6	7.93	8.86	1.32	8.09	4.76	3.24	6.47	1.28	.88	49.23
March	3.92	5.52	4.08	2.86	1.49	2.50	2.68	7.18	3.32	1.49	3.38	38.42
April	9.47	2.75	3.59	4.95	3.11	4.33	3.23	5.35	1.88	2.24	3.33	44.23
May	7.76	2.79	1.64	5.57	6.27	6.80	5.57	1.89	1.18	3.70	3.95	47.12
June	4.81	9.0	2.89	2.64	3.82	.28	5.05	8.88	6.61	2.96	3.31	42.15
July	7.37	2.41	6.79	5.94	6.00	3.85	4.06	4.55	3.13	5.19	9.39	58.68
August	3.26	6.83	7.12	6.40	9.29	5.44	5.53	6.77	6.61	7.07	8.61	72.93
September...	4.72	1.61	5.72	8.49	6.35	6.87	4.34	8.62	1.01	3.38	6.21	57.52
October	2.75	3.75	1.37	7.07	7.70	7.98	3.98	5.26	7.94	8.82	9.82	65.90
November...	1.98	3.06	4.05	6.07	2.74	3.45	6.48	5.90	11.21	11.71	6.13	62.78
December...	4.32	8.15	7.12	7.11	5.33	4.62	3.01	2.05	3.68	11.49	5.39	62.27
TOTALS...	62.68	48.00	57.92	73.01	57.81	58.99	55.07	65.72	66.99	62.72	68.87	675.76
	D	D	D	D	D	D	D	D	D	D	D	426

1926. g. in middle of door.

3.11.36. Oct. 1930 corrd. for B.A.

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'	1° 57'	Buxton	2 mi	N.E.	Portobello	7.500	35° N.E.

RAINFALL at BUXTON (PORTOBELLO BAR)County of DERBYSHIREObserver F. Langley Esq. C.E.River Basin TRENT-DERWENT 6The Borough Engineer.

Type of Gauge.....

Annual Average 55.9 in. based on 29 years obs. W-weighted. Period of average 1881-1915 Ref. S
Weighted with 1900-1928
Lack (Wind Gr.) & Woodhead Res. 822248/29

Diameter	8"												
Height	1'0												
Altitude	1600'												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Total	
January	9.56	5.50	2.73	5.18	3.72	3.75	5.99	6.84	6.24	2.98		52.49	31.40
February	7.10	3.5	3.66	3.38	5.95	2.66	7.64	2.78	3.52	3.11		37.15	
March	5.9	3.65	3.70	4.30	1.95	2.78	2.73	1.90	3.27	3.37		28.24	
April	6.83	5.55	2.03	2.68	3.71	1.86	4.74	6.0	3.52	3.21		34.73	
May	3.93	5.56	2.37	3.52	8.0	5.9	3.11	3.82	1.49	1.41		26.60	
June	7.54	1.06	4.06	2.31	5.48	4.53	2.19	5.14	3.14	1.83		37.28	
July	5.92	4.93	4.00	3.33	2.41	3.39	4.41	6.29	10.99	5.52		56.19	
August	8.74	1.63	1.44	3.90	2.08	2.93	1.53	3.47	2.94	2.83		31.49	
September	5.56	5.41	1.10	4.57	7.43	6.95	2.15	3.16	1.62	3.87		41.72	
October	2.93	9.73	7.63	6.74	9.76	6.94	2.85	7.46	3.56	4.98		62.58	
November	7.65	4.96	2.67	1.97	6.40	6.86	2.61	6.17	9.52	9.85		58.66	
December	2.49	2.42	5.6	7.17	4.83	5.08	2.86	6.68	3.37	5.86		41.32	
TOTALS	68.84	50.75	35.95	46.05	54.52	53.32	42.81	54.31	53.08	48.82		508.45	

1931. Gauge in middle of moor.

Inspected 28/9/33. G. not standard recommended replacement by standard G.

1940 Jan. & Feb. corrected 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	2m.	N.E.	Burbage	7.500	35° N.E.

BRITISH RAINFALL ORGANIZATION

Station No. T.F. 26447RAINFALL at Buxton (Post Office Box)

41

County of DerbyshireObserver E. Langley Esq. B.C.River Basin Trent - DerwentThe Borough Surveyor
Engineer.

Type of Gauge.....

Annual Average 55.9 in. based on 29 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. Sweighted
1900-1915
Leek (Wall G. 1) Woodhead Res.File No. R22248/28

Diameter	8"			107	470								
Height	1' 0"				1								
Altitude	1600'				41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means		
January	2.58	4.08	5.88	7.03	3.73	5.31	3.35	12.32	3.43	3.26		Total 5.	
February	4.63	3.16	3.89	2.42	4.99	9.10	1.00	4.00	2.30	7.64		51.03	
March	3.51	2.45	1.73	.88	2.01	1.61	6.67	2.43	2.98	2.42		43.13	
April	3.09	2.89	3.05	3.89	2.67	2.20	3.99	2.89	5.17	5.47		26.66	
May	3.59	5.34	3.81	2.92	4.02	2.20	3.66	2.27	3.88	1.82		35.31	
June	3.09	.82	5.51	4.69	4.50	5.86	3.51	9.14	2.24	3.60		33.51	
July	4.31	6.94	2.40	5.03	1.80	6.01	4.24	4.93	3.73	4.10		42.76	
August	7.39	4.03	5.83	3.33	3.29	6.17	.71	7.63	3.43	6.34		43.55	
September	.79	4.25	5.97	6.08	2.92	7.14	2.86	3.92	2.11	6.99		42.81	
October	7.35	8.22	3.66	6.22	7.68	1.22	1.41	3.85	5.40	3.34		43.03	
November	5.24	1.54	4.47	6.73	.80	8.76	6.76	4.04	7.26	8.50		43.35	
December	3.53	5.44	2.79	3.68	4.77	4.54	6.32	4.64	7.78	3.11		54.19	
TOTALS	49.13	49.16	48.99	53.74	43.18	60.12	44.48	62.06	49.68	56.59		46.60	
	D	D	D	D	D	D	D	D	D	D		517.13	

1941 Gauge in middle of moor.

1942 Well made with, average from 1.1.50. (see 350, fl. 82222/28)

Station number altered 1958 owing to incorrect positioning on map.

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.
1941			Buxton	2m.	N.E.	Burbage	7500ft.	35° N.E.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Buxton (Portobello Bar)

51

County of DERBYObserver THE BOROUGH ENGINEERS,River Basin TRENT - DERBENT - 6CLARET - WEAVER - 2Type of Gauge GLASSIERAnnual Average 55.9 in. based on 29 years obs. un-weighted. Period of average 1881 - 1915 Ref. S & A 5" " 54-57 " " 11 " " 1947-57File No. 8222 48/28

Diameter ...	8"											
Height ...	1' 0"											
Altitude ...	1600'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	TOTAL
January ...	5.39	6.43	2.94	5.29	3.39	7.35	4.28	5.79	5.05	7.39	53.30	
February ...	6.14	2.94	2.12	4.41	2.96	1.08	3.67	4.75	1.08	4.46	38.61	
March ...	8.17	4.13	2.09	3.70	3.20	2.88	5.26	2.73	3.42	2.09	38.67	
April ...	3.59	5.05	4.49	1.18	3.86	2.80	.62	2.59	4.41	2.92	31.51	
May ...	2.59	2.53	2.78	4.15	5.05	1.73	2.77	5.48	.91	2.24	30.23	
June ...	2.44	4.16	4.28	4.97	4.28	4.33	2.90	8.27	1.70	3.56	40.89	
July ...	3.89	4.67	7.19	7.89	2.18	3.00	7.66	6.93	4.08	9.68	62.17	
August ...	6.07	2.98	5.72	6.70	1.75	12.52	7.58	5.04	1.40	5.61	55.37	
September ...	3.18	5.79	4.40	7.77	3.80	6.17	12.70	7.00	.25	5.21	55.27	
October ...	1.52	5.09	2.88	11.11	4.30	4.07	5.17	6.37	4.50	6.44	51.65	
November ...	12.65	4.03	3.70	8.64	3.68	3.01	2.35	2.42	5.01	7.29	52.78	
December ...	7.28	4.53	2.82	8.53	6.45	6.41	7.18	5.73	9.07	6.29	64.29	
TOTALS ...	62.41	52.33	46.41	74.34	44.90	59.35	62.14	68.30	40.88	63.18	574.74	
	W	W	W	W	W	W	W	W	W	W		

1966 Feb. had int. 11026.

1958 Station number changed owing to incorrect positioning on map.
1958 rather fig had accept.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference SW(43)032712

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
	✓	✓	✓	✓	