

RAINFALL AT Buxton Pantobello Bar

Lat. $52^{\circ} 14' N$ Lon. $1^{\circ} 57' W$

County of Derby

Rain Gauge, by

Observer W H Gurney Esq Cb.

Sewent - 6.

Diameter ..	8										
Height ..	10										
Altitude ..	1600 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.66	4.34	4.88	5.94	5.77	3.96	7.92	2.61	4.58	3.18	4.984
February ..	6.15	3.37	2.95	4.75	5.52	3.88	5.29	3.04	5.70	2.68	4.333
March ..	1.55	3.71	4.40	6.15	2.56	6.37	4.81	4.62	5.16	5.51	4.484
April ..	3.60	4.40	3.08	3.59	3.75	4.73	2.35	3.24	3.81	3.88	3.643
May ..	2.11	1.79	5.91	3.60	3.80	1.18	5.03	4.81	5.05	2.99	3.627
June ..	6.72	3.66	2.08	1.19	1.12	2.74	1.82	10.79	3.08	3.62	3.682
July ..	5.20	2.60	4.77	4.76	3.26	3.67	2.85	4.84	5.82	8.24	4.601
August ..	6.19	3.29	4.62	7.93	5.99	5.30	4.10	7.07	5.44	4.02	5.395
September ..	2.32	2.07	2.52	7.68	3.41	3.57	2.74	1.44	4.88	4.01	3.464
October ..	7.65	6.17	8.10	12.26	2.31	5.35	8.22	6.79	1.89	9.21	6.795
November ..	4.79	6.65	3.25	6.12	4.69	6.25	5.25	4.75	5.02	2.35	4.912
December ..	7.96	11.73	4.70	3.34	2.74	1.32	6.70	5.09	4.54	9.36	5.748
TOTALS ..	60.90	53.78	51.26	67.31	44.92	48.32	57.08	59.09	54.97	59.05	55.668

D D D

Hub

1900 Burbage Church 7500 ft 35° NE

1903 Buxton Station 2 miles NE

In middle of open moor

10²⁶⁷⁷
(2644/7)

RAINFALL at Duxton Portobello Bar

County of Derbyshire

Observer Langley by C.E.

River Basin Trent-Derwent 6

Rain Gauge, by

1982 f in middle of open moss

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 14'	1° 57' W	Buxton	2 mi	NE	Bombay	7,500'	35° NE

RAINFALL at Buxton Portobello Bar

County of Derbyshire

Observer L Langley Esq G.S.

River Basin Trent-Derwent 6

Borough Surveyor

M.D. Rain Gauge, by _____

Diameter ...	8											
Height	100											
Altitude ...	1600											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	6.88	9.27	5.62	7.03	4.19	4.78	6.38	6.03	13.93	3.39	7.01	Totals. 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	4.93	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	2.28	5.06	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	6.88	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	6.55	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	9.828	65.70
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	65.87	675.76 426
	↓	↓	↓	↓	P	↓	↓	↓	↓	↓	↓	

1926. q. In middle of floor.

3.11.36. Oct. 1930 contd. for B.A.

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	Parish Church.	Distance from gauge	Direction
1920	53° 14'	1° 57'	Buxton	2 mi	N.E	Burbage	7.500	35° N.E

RAINFALL at BUXTON (PORTOBELLO BAR)

County of DERBYSHIRE

Observer F. Langley Esq. C.E.
The Borough Engineer.

River Basin TRENT-DERWENT 6

Type of Gauge

Annual Average 55.9 in. based on 29 years obs. $\frac{1}{12}$ -weighted. Period of average 1881 - 1915 Ref. S
 Weighted with 1900 - 1928
 Leek (Doll Grn) & Woodhead Res.

922248/29

Diameter	8"												
Height	1' 0												
Altitude	1600'												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Total	
January	9.56	6.50	2.73	5.18	3.72	3.75	5.99	6.84	6.24	2.98		52.49	
February	7.10	3.35	3.66	3.38	5.95	2.66	7.64	2.78	3.52	3.11		37.15	
March	5.59	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	.60	3.52	3.21		34.73	
May	3.93	5.56	2.37	3.52	.80	.59	3.11	3.82	1.49	1.41		26.60	
June	7.54	1.06	4.06	2.31	5.48	4.93	2.19	5.14	3.14	1.83		37.28	
July	5.92	4.93	4.00	3.33	2.41	8.39	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	2.55	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	.56	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	
	D	D	D	D	D	D	D	D	D	D			

1931. Gauge in middle of moat.

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, 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	2 m.	N.E.	Burbage	7.600	35° N.E.

RAINFALL at Buxton (Portobello Road)

41

County of Derbyshire Observer E. Langley Esq. C.E.

River Basin ~~Derwent~~^{Derwent} 6The Borough Surveyor
Engineer.

Type of Gauge.

Annual Average 55.9 in. based on 29 years obs. un-weighted. Period of average 1881-1915. Ref. S.

Leat Wall gr. 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	7.09	3.73	5.31	3.35	12.32	3.43	3.26	Total 51.03
February	4.63	3.16	3.89	2.42	4.99	9.10	1.00	4.00	2.30	7.64	43.13
March	3.51	2.45	1.73	88	2.01	1.61	6.67	2.43	2.95	2.42	26.66
April	3.09	2.89	3.05	3.89	2.67	2.20	3.99	2.89	6.17	5.47	35.31
May	3.59	5.34	3.81	2.92	4.02	2.20	3.66	2.27	3.88	1.82	33.51
June	3.09	.82	5.51	4.69	4.50	5.86	3.51	9.14	2.24	3.60	42.96
July	4.31	6.94	2.40	5.09	1.80	6.01	4.24	4.93	3.23	4.10	43.55
August	7.39	4.03	5.83	3.33	3.29	6.17	.71	7.63	3.43	6.34	42.21
September	.79	4.25	5.91	6.08	2.92	7.14	2.86	3.92	2.11	6.99	43.03
October	7.35	8.22	3.66	6.22	7.68	1.22	1.41	3.85	6.40	3.34	42.35
November	5.29	1.54	4.61	6.79	80	8.76	6.76	4.04	7.26	8.50	54.19
December	3.53	5.44	2.79	3.68	4.77	4.54	6.32	4.64	7.78	3.11	46.60
TOTALS	49.13	49.16	48.99	537	43.18	60.12	44.48	8	62.06	49.68	517.13
	D	D	D	D	D	D	D	D	D	D	47.5

1941 Gauge in middle of road.

1944 Well with weekly readings from 1.1.50. (See 35A, fl. 822313/28)

Station number altered 1958 owing to incorrect positioning on map.

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.
1941			Buxton	2 m.	N.E.	Bunnsage	7500 ft

RAINFALL at BUXTON (PEAKSHAW BEG.)County of DARBY

TRENT - DERVIENT - 6

Observer THE BOROUGH ENGINEER,River Basin DERBY - WEAVER - 2Type of Gauge GRASHERAnnual Average 55.9 in. based on 29 years obs. un-weighted. Period of average 1881 - 1915 Ref. S + AWS.
" 54.87 " " 11 " " 1947-57 " " " 1916 - 1950 SFile No. 8222 48/28

51

Diameter ...	<u>8"</u>		<u>107 470</u>								
Height ...	<u>1' 0"</u>				<u>1</u>						
Altitude ...	<u>1600'</u>				<u>51</u>						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<u>5.39</u>	6.43	2.94	<u>5.29</u>	3.39	<u>7.35</u>	4.28	5.79	5.05	<u>7.39</u>	<u>53.30</u>
February ...	<u>6.14</u>	2.94	2.12	<u>4.41</u>	2.96	<u>1.08</u>	3.67	4.75	1.08	4.46	<u>38.61</u>
March ...	<u>8.17</u>	4.13	2.09	<u>3.70</u>	3.20	<u>2.88</u>	5.26	2.73	3.42	2.09	<u>38.67</u>
April ...	<u>3.59</u>	5.05	4.49	<u>1.18</u>	3.86	<u>2.80</u>	.62	2.59	4.41	2.92	<u>31.51</u>
May ...	<u>2.59</u>	2.53	2.78	<u>4.15</u>	5.05	<u>1.73</u>	2.77	5.48	.91	2.24	<u>30.23</u>
June ...	<u>2.44</u>	4.16	4.28	<u>4.97</u>	4.28	<u>4.33</u>	2.90	8.27	1.70	3.56	<u>40.89</u>
July ...	<u>3.89</u>	4.67	7.19	<u>7.89</u>	2.18	<u>8.00</u>	7.66	6.93	4.08	9.68	<u>62.17</u>
August ...	<u>6.07</u>	2.98	5.72	<u>6.70</u>	1.75	<u>12.52</u>	7.58	5.04	1.40	5.61	<u>55.37</u>
September ...	<u>3.18</u>	5.79	4.40	<u>7.77</u>	3.80	<u>6.17</u>	12.70	7.00	.25	5.21	<u>55.27</u>
October ...	<u>1.52</u>	5.09	2.88	<u>11.11</u>	4.30	<u>4.07</u>	5.17	6.57	4.50	6.44	<u>51.65</u>
November ...	<u>12.65</u>	4.03	3.70	<u>8.64</u>	3.68	<u>3.01</u>	2.35	2.42	5.01	2.29	<u>52.78</u>
December ...	<u>7.28</u>	4.53	2.82	<u>8.53</u>	6.45	<u>6.41</u>	7.18	5.73	9.07	6.29	<u>64.29</u>
TOTALS ...	<u>62.41</u>	<u>52.33</u>	<u>46.41</u>	<u>74.34</u>	<u>44.90</u>	<u>59.35</u>	<u>62.14</u>	<u>68.30</u>	<u>40.88</u>	<u>63.18</u>	<u>574.74</u>
	<u>w</u>	<u>w</u>	<u>w</u>	<u>w</u>	<u>w</u>	<u>w</u>	<u>w</u>	<u>w</u>	<u>w</u>	<u>w</u>	

1966 Feb. pack ref. 11036.

1958 Station number changed owing to incorrect positioning on map.
1958 written by hand 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 from gauge	Direction	Parish Church.	Distance from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - ~~REJKA~~

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