

RAINFALL AT Mallack Bath Lower Tones.
R. Chadwick (Heights of Abraham) secy.

Rain { By
Gauge }
Diameter 5 in. Height above Ground, 1 ft. 6 in. Above Mean Sea Level, 570 ft.

Beneath 6.

YEAR	1867	1868	1869	MEANS.
January		4.31	2.87	3.65
February		2.80	2.69	3.43
March		3.23	3.38	2.00
April		4.05	2.82	2.44
May	1.41	2.01	1.01	5.54
June	4.35	1.79	.71	1.25
July	3.61	3.07	.28	.43
August	3.03	4.33	3.70	1.56
September ...	6.07	2.74	3.31	5.64
October	3.73	3.52	4.72	1.83
November ...	3.73	1.23	2.13	2.37
December.....	2.40	2.44	8.51	5.46
TOTALS.....	35.52	36.93	35.60	

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1868 The downpour here in Dec. has been extraordinary

RAINFALL AT Matlock

Lower Town

Lat.....

Long.....

County of

Derby

.....

Rain Gauge, by.....

Observer

H. Chadwick Esq.

Distance - 6.

Diameter.....	5										
Height.....	1.6		3.			1.6					
Altitude.....	500.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.73	1.72	6.30	3.89	3.09	5.04	1.37	6.65	3.86	2.08	3.673
February.....	2.40	3.16	4.87	1.21	2.73	1.60	4.20	3.17	2.19	4.04	2.957
March.....	2.56	2.13	3.57	3.39	2.20	1.46	4.81	2.57	1.35	1.65	2.563
April.....	1.17	3.30	2.81	1.76	2.21	1.02	3.21	2.55	1.56	2.58	2.117
May.....	1.66	1.84	2.35	3.44	1.79	1.89	1.00	4.75	5.94	2.82	2.648
June.....	1.39	3.88	5.44	5.24	1.07	3.38	3.19	2.15	4.20	7.44	3.538
July.....	1.80	4.23	5.98	2.67	2.12	4.64	1.80	3.91	5.7	4.17	3.089
August.....	1.89	1.74	3.22	3.21	4.42	3.81	2.16	5.75	9.27	5.42	4.089
September.....	2.22	5.89	4.92	2.29	3.10	3.42	5.14	2.79	3.09	3.50	3.636
October.....	1.93	4.40	6.91	3.96	4.09	6.99	3.30	3.41	4.28	1.17	4.644
November.....	2.86	7.59	5.05	2.48	4.33	4.81	3.85	5.29	3.31	1.82	3.539
December.....	3.02	2.05	4.85	1.56	3.05	2.10	7.87	3.53	2.23	2.41	3.167
TOTALS.....	30.63	35.93	56.21	31.10	33.20	40.16	41.90	46.52	41.85	39.10	39.660

C C C

80

RAINFALL AT *Matlock Bath* Lower Tower.
 Lat. _____ Lon. _____ County of Derby
 Rain Gauge, by _____ Observer *R. Chadwick Esq.*

Derwent 5.

Diameter	5										
Height	1.6										
Altitude	500T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	.33	.65	3.29	5.00	5.36	3.93	5.42	2.91	1.33	1.35	2.947
February	3.40	6.28	2.56	3.85	3.42	3.16	.59	.56	1.53	2.26	2.760
March	2.77	4.48	2.80	1.41	3.61	2.10	3.91	1.79	3.42	3.73	3.002
April	1.69	1.24	4.40	2.58	2.58	1.63	2.04	1.53	1.72	2.88	2.229
May	2.13	2.35	2.33	1.44	1.68	2.34	6.54	2.06	1.50	3.15	2.552
June	2.48	2.55	5.86	3.43	2.23	3.83	1.24	.53	2.23	.52	2.490
July	5.78	1.61	4.08	3.03	4.28	1.03	3.56	1.72	5.66	3.25	3.400
August	2.93	5.89	3.11	1.66	1.87	3.40	1.97	2.44	3.20	3.44	2.994
September	4.58	2.29	2.43	6.82	2.65	3.59	1.94	2.92	1.13	2.50	3.085
October	4.95	4.53	6.07	4.06	1.76	7.02	5.52	2.11	1.01	3.86	4.089
November	4.33	5.04	6.05	3.91	1.50	3.63	2.78	1.98	5.06	1.46	8.514
December	5.13	3.60	6.89	2.03	3.72	1.18	4.83	2.67	3.22	2.25	3.562
TOTALS	40.50	40.51	49.90	39.22	34.66	36.83	39.74	23.22	31.01	30.65	36.624

RAINFALL AT

Lat. —

Jou.

County of

Matlock Bath Lower Tower

Derby

Serwent 6. New Gauge

Rain Gauge, by

Observer

Mrs Chadwick

RAINFALL AT Matlock Bath Lower Lower

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

Mr Chadwick

Bewent - 6.

Diameter	5										
Height	1	6									
Altitude	500	ft									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.67	2.76	2.06	1.63	3.05	4.51	1.13	2.26	1.61	4.80	2.848
February70	.14	1.74	4.03	3.47	.08	.89	3.53	2.24	2.50	1.932
March	2.09	1.73	1.09	.61	2.38	2.73	3.55	3.64	1.19	1.60	2.041
April.....	.61	2.69	.92	.74	2.50	2.47	.85	2.42	2.87	3.53	1.960
May	2.05	3.15	2.74	2.87	2.57	.91	.27	1.33	2.14	2.86	2.089
June	2.59	4.09	3.50	1.16	2.20	.46	2.41	3.28	1.38	1.44	2.261
July	2.26	1.91	2.30	3.52	2.55	4.11	1.24	1.08	.87	.90	2.074
August	3.46	4.98	2.62	1.71	2.25	2.33	2.26	3.05	3.31	.77	2.674
September....	1.46	1.81	2.10	1.63	.43	.71	5.55	3.06	.68	3.78	2.121
October.....	1.44	4.40	2.90	2.09	3.68	2.79	3.30	1.28	2.56	2.95	2.739
November....	4.18	3.45	1.73	1.52	2.66	4.53	1.36	3.34	3.78	1.75	2.830
December79	5.38	1.53	3.69	2.13	3.70	5.35	4.64	3.31	2.93	3.345
TOTALS	26.30	36.49	25.23	25.20	29.87	29.33	28.16	33.01	25.94	29.81	28.934

↑ See next gauge

1890

RAINFALL AT Matlock Bath Lower Tower

Lat.

Lon.

County of

Derby

Sunderon Rain Gauge, by

Observer

Mr Chadwick

Devon - 6. New Gauge

Miss E. Chadwick

Diameter ..	5										
Height	10					1.6					
Altitude ..	500										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.89	3.09	1.27	3.13	3.95	1.24	4.99	1.47	1.83	1.63	2.849
February ..	5.04	1.74	2.24	1.79	4.87	1.63	4.28	2.92	2.42	.89	2.782
March91	3.40	2.30	4.85	2.06	4.48	2.67	2.12	3.46	4.53	3.078
April.....	1.45	1.64	2.94	2.08	2.13	2.37	1.18	1.86	2.69	1.72	2.006
May	1.63	1.39	3.00	3.07	1.58	.33	2.50	3.56	3.05	2.22	2.233
June.....	3.63	1.28	1.71	1.14	.69	3.28	1.63	4.97	1.90	3.24	2.347
July	4.28	4.31	2.29	3.82	2.75	1.38	1.19	2.69	3.01	4.15	2.977
August	4.99	1.72	3.48	6.40	4.56	4.96	2.11	3.08	4.38	3.01	3.869
September..	1.41	1.18	1.72	4.35	2.24	1.81	.99	.60	2.84	2.32	1.946
October....	3.40	2.43	3.65	7.70	1.57	1.75	7.24	5.09	1.12	5.41	3.946
November ..	3.32	3.79	2.75	2.52	2.05	4.18	3.54	3.55	1.94	.90	2.854
December ..	5.30	7.69	2.15	1.83	1.88	.70	3.41	3.15	2.59	7.32	3.602
TOTALS ..	41.25	33.66	29.50	42.69	30.33	28.11	35.83	34.96	31.23	37.34	344.89

Study

1909 Matlock Bath Church $\frac{1}{4}$ mile S
 Station $\frac{1}{8}$ E
 Hedge & Trees 16 ft 35 ft in all directions

RAINFALL AT Matlock Bath. *Loves Tropic*

Lat. Lon. County of Derby

Rain Gauge, by Observer Mrs Chadwick

Observer Mrs Chadwick

Dorset b. old gauge

RAINFALL at Matlock Bath, Lower Town

County of Derbyshire

Observer A.C. Mrs E Chadwick

River Basin Trent-Derwent 6

Snowdon Rain Gauge, by N 63

Diameter ...	5										
Height	1.1										
Altitude ...	500										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.78	1.33	5.91	4.92	1.94	4.16	1.63	3.00	3.21	5.04	1288
February ...	4.24	2.65	1.95	1.45	2.73	5.23	5.36	.75	2.78	2.24	1113
March80	1.74	4.61	5.25	3.32	1.11	4.30	2.67	1.51	5.06	1354
April	3.15	1.92	.59	3.57	1.54	1.19	1.88	1.94	1.77	1.74	733
May	3.12	1.53	2.99	2.81	2.08	1.36	2.28	1.98	2.49	1.30	805
June	2.60	2.41	4.09	1.38	2.04	.97	2.20	2.65	1.02	.99	686
July	3.50	.06	5.60	.83	4.05	4.51	1.83	1.80	3.88	2.92	1043
August	5.25	1.52	6.88	2.11	2.34	3.02	2.18	6.46	2.85	3.17	1466
September ..	.35	2.08	1.13	1.93	2.03	.59	1.50	1.38	6.91	2.40	1219
October ...	2.86	2.68	3.72	3.74	3.14	2.11	4.52	5.19	1.70	3.21	1462
November ...	6.06	3.33	2.32	3.21	4.92	3.26	3.99	1.96	1.83	2.29	1007
December ...	5.94	6.49	3.87	1.44	7.20	7.01	3.53	1.48	5.65	5.76	1642
TOTALS ...	41.75	27.73	48.66	32.14	37.33	34.52	35.20	31.26	35.60	36.12	13818

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Matlock Bath	1/4 m	E	Holy Trinity	1/4 m	S

RAINFALL at Matlock Bath Lower Tower

County of Derbyshire

Observer Miss E. Chadwick

River Basin Trent-Derwent 6

Snowdon Rain Gauge, by N.S.G.

Diameter ...	5"										
Height	1 + 1										
Altitude ...	500										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.04	4.31	4.75	1.96	2.90	3.47	4.13	2.65	7.93	1.81	5.17
February ...	2.84	.24	4.22	6.47	1.05	4.48	2.56	2.06	3.61	.81	.82
March	2.46	1.99	2.61	2.12	1.18	.99	1.23	4.26	2.84	.21	2.81
April.....	6.49	1.56	3.29	2.43	2.67	3.01	2.05	2.35	1.09	1.36	3.08
May	3.86	1.63	.67	3.12	3.64	4.38	3.32	1.44	.74	2.55	1.79
June	3.04	.37	1.29	.71	2.71	.04	2.34	5.13	3.29	1.60	2.00
July	5.56	.90	5.06	4.29	4.72	2.08	3.32	2.49	1.28	2.44	6.62
August	1.01	3.61	5.35	3.43	4.24	3.51	2.58	5.78	3.96	2.56	3.39
September...	1.81	1.12	2.87	3.60	3.38	4.00	1.70	4.30	.53	1.29	4.96
October.....	2.16	3.79	1.16	2.45	5.59	4.33	3.00	3.51	5.39	4.31	4.42
November...	1.32	1.97	1.67	3.75	2.18	2.31	5.22	3.68	6.11	8.18	3.93
December...	3.43	3.37	4.27	3.92	3.36	2.78	1.08	2.69	2.63	7.29	3.63
TOTALS...	38.02	24.86	37.21	38.25	37.62	35.38	32.53	40.34	39.40	34.41	42.62

1920 Trees & Shrubs 30ft - 1921

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
			Matlock Bath	1/4 mi	E	Holy Trinity	1/4 mi S

RAINFALL at Matlock Bath (Lower Tower)

County of Derbyshire

Observer Miss E. Chadwick

River Basin Trent - Derwent 6

Type of Gauge

Annual Average 33.7 in. based on 30 years obs, unweighted. Period of average 1881-1915 Ref S.

Diameter	5											
Height	1	1										
Altitude	500											
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	Means
January	3.01	2.88	2.47	2.86	1.56	4.34	5.75	4.48	6.86			
February	3.83	3.36	4.60	2.24	3.44	2.69	5.48	1.28	2.01			
March	1.15	2.11	2.79	3.10	1.00	2.55	2.89	1.29	2.38			
April	3.92	3.28	1.17	2.46	3.20	1.57	2.25	1.16	1.61			
May	3.16	5.80	2.21	1.52	1.33	1.42	3.04	2.28	1.69			
June	4.37	1.85	1.89	1.89	4.86	3.17	1.18	1.84	1.71			
July	4.15	2.94	2.48	1.51	1.02	5.19	2.69	3.58	5.58			
August	6.54	2.11	0.55	2.23	1.85	1.18	.82	1.16	2.23			
September	4.06	2.73	1.11	2.49	4.60	4.02	1.43	2.64	1.31			
October	1.64	4.52	5.06	2.28	5.79	3.21	2.58	4.67	4.44			
November	5.53	2.69	1.74	1.79	6.00	3.58	1.73	4.62	5.33			
December	1.49	1.47	0.49	6.02	3.99	3.13	4.64	4.76	2.17			
TOTALS	40.65	31.74	26.56	27.39	37.89	35.05	34.48	31.56	37.38			
	D.											

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Matlock Bath	1 m	E.	Matlock Bath	1 m	S.

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