

RAINFALL AT Matlack Bath Lower Town.

*R. Chadwick*

(Heights of Abraham)

60

serg.

Rain { By .....  
Gauge { Diameter.....5.....in.

Height above Ground, 1... ft. 12... in.

Above Mean Sea Level, 520<sup>?</sup> ft.

*Serment 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	1.81	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	

*c c c c*

*1868 The drop here in '88 has been extraordinary*

## RAINFALL AT Malloch

Lanes Town

Lat.....

Lon.....

County of.....

Derby

Rain Gauge, by.....

Observer.....

H. Chodwick Esq.

Series - 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	2.987	
March.....	2.56	2.13	3.57	3.39	2.20	1.46	4.81	2.57	1.35	1.65	2.553	
April.....	1.17	3.30	2.81	.76	2.21	1.02	3.21	2.55	1.56	2.58	2.117	
May.....	1.66	1.84	2.35	3.44	.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.....	.80	4.23	5.98	2.67	2.12	4.64	1.80	3.91	57	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.....	7.93	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	.56	3.05	2.10	7.87	3.53	2.23	2.41	3.167	
TOTALS.....	306.3	339.3	56.21	31.10	33.20	40.16	41.90	46.52	41.85	39.10	39.660	

C C C

# RAINFALL AT

Matlock Bath

80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

Derby

Lower Town.

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

Observer

P. Chadwick, Esq.

Derwent B.

Diameter ....	5										
Height .....	1.6										
Altitude ....	500T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	3.3	6.5	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	3.15	5.9	.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	5.65	3.25	3.400
August .....	2.93	5.89	3.14	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	3.0851
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	2.18	1.98	5.06	1.46	3.514
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 Matlock Bath Lower Tower

Derby

Observer

Servant to New Gauge

Mrs Chadwick

[illegible]



# RAINFALL AT Matlock Bath *Lower Town*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Derby

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

Observer Mr Chadwick

*Sequent - 6.*

Diameter ....	5											
Height .....	1 6											
Altitude ....	500 T											
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	
February ....	.70	.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	2.061	
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	3.38	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	
December ....	.79	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 page

1890

# RAINFALL AT *Matlock Bath* *Lower Town*

Lat. .... Lon. .... County of *Derby*

*Smadon* Rain Gauge, by ..... Observer, *Miss E. Chadwick*

*Desert - b. 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	
March ....	.91	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	7.34	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	42.68	30.33	28.11	35.83	34.96	31.23	37.34	34.489	

1909 Matlock Bath Church 1/4 Mile S  
 " Station 1/8 " E  
 Hedge & trees 16 to 35 ft in all directions

*Hub*





RAINFALL at Matlock Bath, Lower TownCounty of DerbyshireObserver A. C. M. G. E. ChadwickRiver Basin Trent-Donwent 6Smoothen Rain Gauge, by N 53

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	12.88
February ...	4.24	2.65	1.95	1.45	2.73	5.23	5.36	.75	2.78	2.24	1113
March .....	.80	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	2.31	2.08	1.36	2.28	1.98	2.49	1.30	805
June .....	2.60	2.41	4.09	1.35	2.04	.97	2.20	2.65	1.02	.99	686
July .....	3.50	.05	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	42.66	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 TowerCounty of DerbyshireObserver Miss E. ChadwickRiver Basin Great Derwent 6Smoodon Rain Gauge, by N. & H.

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	2.24	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	39.25	37.62	35.38	32.53	40.34	39.40	34.41	42.62

1920 Pines &amp; Shrubs 30 ft E 1921

Position of Station on reduced Ordnance Survey  
Map, 2 miles 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
			Matlock Bath	1/4 mi	E	Holy Trinity	1/4 mi	S

RAINFALL at Matlock Bath (Lower Tower)County of DerbyshireObserver Miss E. ChadwickRiver Basin Trent-Donment 6

Type of Gauge .....

Annual Average 33.7 in. based on 32 years obs. unweighted. Period of average 1881-1915 Ref S

Diameter	5										
Height	1	1									
Altitude	500										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	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	2.4	3.44	2.69	5.48	1.28	2.01		
March	1.5	2.11	2.79	3.10	1.00	2.55	2.89	2.9	2.38		
April	3.92	3.28	1.17	2.46	3.20	1.57	2.25	1.6	1.61		
May	3.16	5.80	2.21	1.52	3.3	1.42	3.04	2.28	1.69		
June	4.37	1.85	1.89	1.89	4.86	3.17	1.18	1.34	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	0.85	2.23	1.85	1.18	.82	1.16	2.23		
September	4.06	2.73	1.11	2.49	4.65	4.02	1.43	2.54	1.31		
October	1.64	4.52	5.06	2.28	5.79	3.21	2.58	4.57	4.44		
November	5.53	2.69	1.74	1.79	6.20	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	26.86	27.39	37.89	38.05	34.48	31.56	37.38		
	D.	D.	D.	D.	D.	D.	D.	D.	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	1/4 m	E.	Matlock Bath	1/4 m	S.

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