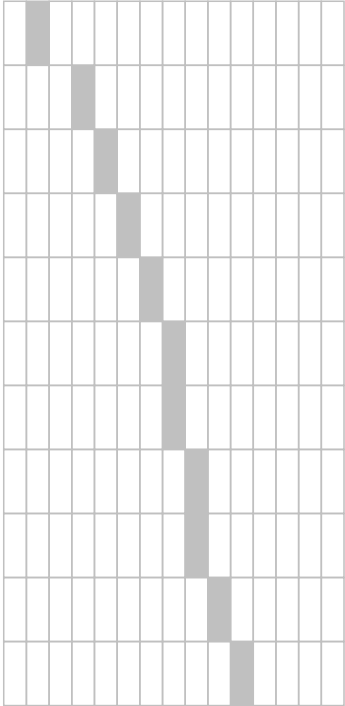


TYRain_1820-1829_C_pt2-page-053.jpg	Page 2
TYRain_1840-1849_E_pt1-page-105.jpg	Page 3
TYRain_1850-1859_F_pt1-page-201.jpg	Page 4
TYRain_1860-1869_05_pt1-page-130.jpg	Page 5
TYRain_1870-1879_08_pt1-page-191.jpg	Page 6
TYRain_1880-1889_10_pt2-page-092.jpg	Page 7
TYRain_1880-1889_11_pt1-page-015.jpg	Page 8
TYRain_1890-1899_16_pt1-page-109.jpg	Page 9
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TYRain_1900-1909_22_pt1-page-010.jpg	Page 11
TYRain_1910-1919_20_pt1-page-200.jpg	Page 12



Rainfall at York

C.W. 11

30

Observer John Ford

Authority Mpt. Feb 68 b

Howards Gauge Diam 3.5 in

Above Sea Level 50 feet

YEAR - -	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January - -		1.18	.97	30	3.75	1.60	.76	3.09	1.63	1.15	
February - -		3.01	.16	3.38	1.08	1.93	1.80	2.21	.95	1.01	
March - - -		1.89	1.16	1.50	1.36	2.42	3.15	.86	1.56	2.83	
April - - -		1.30	3.13	1.45	1.36	1.82	1.45	2.01	1.63	.60	
May - - - -		1.25	1.59	.62	.67	2.39	.21	1.14	4.12	.32	
June - - - -		1.82	2.32	3.01	1.93	1.97	4.06	1.21	2.92	2.88	
July - - - -		2.20	2.10	1.25	3.33	1.09	2.22	3.89	2.68	3.38	
August - - -		1.55	4.15	3.43	1.79	3.27	1.36	1.31	3.39	2.20	
September -		2.35	1.23	1.20	.82	2.80	2.78	1.80	2.13	3.01	
October - -		3.42	1.55	1.99	.20	3.19	1.90	1.76	1.59	2.75	
November -		2.64	2.39	1.46	1.17	2.60	4.86	1.28	1.68	4.09	
December -		2.43	2.16	2.65	1.03	.75	.99	3.43	.96	2.13	
TOTALS -	(27.00)	25.04	22.91	22.24	18.49	25.83	25.24	23.99	25.24	26.43	24.241

C C C C C C C C C C

7. The ...  
 3. The ... 4-50



Rainfall at York

E-3c-73

40

John Ford.

Thy. Rev. Mr. Geo. A. C.

Howards Gauge. Dic. 3.5 in + Ground 3.5 in + Sea Level 50 feet.

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	2.74	1.70	2.20	1.02	1.34	.87	2.55	1.40	1.77	1.61	1.728
February - -	1.53	1.36	.64	2.65	2.37	1.04	.28	1.39	4.22	.50	1.598
March - - -	.38	1.45	2.15	.89	2.03	1.44	1.01	1.35	3.34	1.14	1.518
April - - -	.98	1.02	.39	2.23	.56	1.68	4.24	1.82	1.42	1.95	1.629
May - - - -	2.36	2.88	2.39	2.81	.39	1.08	1.16	2.09	1.12	1.99	1.907
June - - - -	1.73	1.20	1.91	1.86	2.21	3.79	1.64	2.47	7.35	1.06	2.522
July - - - -	3.63	3.47	3.32	2.67	2.86	3.84	3.56	.77	1.72	3.29	2.913
August - - -	2.11	2.72	1.86	4.09	2.03	6.21	1.75	1.14	3.20	2.25	2.736
September -	3.32	2.81	2.73	.42	1.88	1.51	.79	1.14	4.11	2.68	2.139
October - - -	1.46	3.56	.93	4.59	1.22	3.51	4.59	1.95	4.62	2.43	2.886
November - -	3.74	2.59	2.83	2.21	2.37	1.17	2.29	1.90	1.13	1.95	2.218
December - -	.74	1.60	.42	.22	.39	2.73	1.79	3.54	2.02	2.78	1.623
TOTALS -	24.72	26.36	21.77	25.66	19.65	29.67	25.65	21.04	36.02	23.63	25.417

1840 1841 1842 1843 1844 1845 1846 1847 1848 1849  
 24.72 26.36 21.77 25.66 19.65 29.67 25.65 21.04 36.02 23.63



York

E of 50

John Ford

Mpi Net No 68

Howards Drain 1.5 in + Ground 1.5 in + Sea Level 50 feet

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	1.58	2.05	2.35	1.94	1.98	.97	2.17	2.58	.48	1.07	1.717
February - -	.51	.79	.74	2.51	.41	1.48	1.45	.58	.65	1.04	1.016
March - - -	.50	2.30	.47	1.38	.91	1.18	.35	2.13	1.10	1.58	1.190
April - - -	2.07	1.47	.26	1.46	.50	.18	2.70	2.75	1.22	2.37	1.498
May - - - -	.72	1.16	.87	.77	2.16	.88	3.98	1.47	1.72	.36	1.409
June - - - -	1.71	3.36	3.46	2.48	2.90	2.04	1.45	2.73	.89	2.47	2.349
July - - - -	3.09	2.53	1.77	2.51	2.56	4.10	2.25	2.96	2.59	2.37	2.673
August - - -	2.22	2.21	2.52	1.23	1.23	3.20	4.15	6.59	3.37	2.59	2.931
September -	4.06	1.77	4.30	2.20	.84	.26	2.98	2.03	3.25	2.15	2.084
October - - -	1.71	1.11	3.80	3.03	1.01	2.90	1.67	1.19	2.41	2.08	2.091
November - -	1.94	.62	4.21	2.05	2.53	1.16	.97	1.11	1.34	1.59	1.752
December - -	.78	1.09	2.43	.77	1.49	.95	2.07	.32	1.47	1.70	1.307
TOTALS -	17.89	20.46	27.18	22.33	18.52	19.30	26.19	26.44	20.49	21.37	22.017

1850 Total agrees with S. Marshall's table

1853 - Total agrees with S. Marshall's table

1854 " " " " " "



60

York Bootham  
A. Hooper  
John Ford

Mr. R. L. H. 68

Howards Diam. 3.5in + <sup>6in</sup> Ground 3.5in + Sea Level 50 feet

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.17	.65	1.99	2.81	.82	1.07	1.64	2.23	1.45	2.81	1.764
February - -	1.99	2.42	.64	.51	1.15	1.55	2.50	1.17	1.33	1.78	1.504
March - - -	2.23	2.20	3.43	1.11	1.78	1.10	1.35	1.44	1.52	1.89	1.813
April - - -	1.17	.24	1.30	.61	1.76	1.51	1.11	3.11	1.82	2.18	1.481 -
May - - - -	3.27	.60	2.19	.95	2.78	1.91	.58	1.78	1.28	4.49	1.983
June - - - -	3.32	2.27	2.59	1.98	1.36	1.09	2.51	2.65	1.26	1.05	2.008
July - - - -	2.87	3.03	1.58	1.86	.47	1.82	2.91	2.40	.40	1.31	1.865
August - - -	3.73	.86	1.90	3.36	1.16	5.20	3.06	4.34	2.56	1.70	2.795 +
September -	2.88	3.61	2.51	2.47	2.31	.23	4.04	1.75	3.24	3.83	2.687
October - -	1.46	.72	2.80	3.13	2.57	4.43	1.87	1.41	2.89	1.58	2.286
November -	2.07	2.60	.83	1.85	2.45	2.06	2.39	1.16	2.00	1.65	1.946
December -	3.21	1.07	1.35	1.59	2.52	1.06	1.75	1.72	5.95	3.65	2.387
TOTALS -	30.37	20.27	23.11	22.23	21.13	23.19	25.71	25.16	25.70	27.92	24.479

+ - c c c c c c c c c c



70

RAINFALL AT *York Bootham*

Lat..... Lon..... County of *Yorkshire* V.V.R..  
 Rain Gauge, by..... Observer *J. Thorpe Esq.*

Diameter .....	.5										
Height .....	.6										
Altitude .....	50										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.68	.70	2.89	2.12	1.09	2.29	1.02	3.20	1.15	1.05	1.719
February .....	1.88	2.51	2.50	1.28	1.35	1.20	2.15	2.09	.98	2.22	1.816
March .....	1.80	1.21	2.17	2.16	1.36	.55	3.23	2.93	.96	.80	1.717
April .....	.66	2.76	2.81	.80	1.28	.44	1.62	3.53	1.30	1.50	1.670
May .....	1.08	1.31	1.02	2.25	1.96	1.61	.71	2.29	3.55	2.09	1.787
June.....	2.81	3.72	5.84	.96	.99	2.10	2.60	1.12	3.31	3.31	2.676
July .....	.51	2.80	4.30	1.74	1.18	3.05	2.00	2.99	2.03	(2.87)	2.347
August.....	1.58	1.03	2.81	2.15	2.34	2.17	1.57	4.46	3.99	2.15	2.425
September.....	1.18	6.60	3.63	1.84	2.85	2.23	5.08	3.20	2.67	2.07	3.135
October.....	6.10	2.67	3.94	1.67	2.17	4.21	2.47	3.02	1.66	.82	2.873
November.....	1.93	1.25	4.30	1.45	3.22	3.83	3.11	2.23	4.24	1.20	2.676
December.....	3.16	2.12	3.76	.38	3.35	.89	5.87	1.96	1.41	1.24	2.414
TOTALS .....	24.37	28.68	39.97	18.80	23.44	24.57	31.43	33.02	27.25	(21.32)	27.255

1879 "I fear our man made a wrong entry in July  
 as the average of four gauges in York gives 3.83.



RAINFALL AT York Bootham

80

Lat. ....

Lon. ....

County of YorkRain Gauge, by Wharfe 10.Observer E. W. JasperRise - 4. Bank Libitaries 3J. E. Clark Esq

Diameter ....				4				5			
Height .....				4				6	5		
Altitude ....				150				50			
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....		.64		3.34		2.33			.85	1.17	
February .....		3.51	1.42	3.14		1.84		.79	1.52	1.12	
March .....			2.11	1.45		1.62		1.31	3.07	2.59	
April .....			3.69	1.73		1.47		.56	2.02	1.41	
May .....		1.16	1.80	1.14		2.59		1.87	.64	3.55	
June .....				2.57					1.79	.36	
July .....									5.32	1.44	
August .....		4.24		.91		1.70			1.68	4.69	
September .....		3.30		4.25		2.16		2.77	1.08	1.05	
October .....		2.65		2.30		4.16		2.12	.80	4.06	
November .....		2.39		2.18		2.05		1.78	3.42	.57	
December .....				1.37		.80			.85	1.52	
TOTALS .....									23.04	23.53	



# RAINFALL AT *Market-Weighton Dalton Hall*

80

Lat. .... Lon. .... County of *York E.R.*Rain Gauge, by ..... Observer *W<sup>r</sup> J. Allsop**Number 3*

Diameter ....		8									
Height .....		1. 4									
Altitude ....		150									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...		.60	2.49	2.92	3.07	2.12	3.55	2.02	.95	1.27	
February ...		3.62	1.64	2.94	2.03	2.40	.76	.54	1.45	1.44	
March .....		2.99	2.07	1.58	2.27	1.98	3.26	1.50	3.31	2.41	
April .....		1.75	4.53	2.01	1.54	1.89	2.10	1.02	2.26	3.21	
May .....		1.43	1.65	1.96	.84	2.30	4.37	1.83	.70	4.15	
June .....		1.34	4.01	3.58	.55	2.75	.56	.05	2.45	.39	
July .....		2.06	3.10	3.67	2.02	.97	3.23	1.68	5.52	1.46	
August .....		4.77	2.49	1.99	.96	3.14	2.07	1.95	2.72	4.58	
September...		3.17	1.43	4.93	.91	3.07	1.04	2.99	1.48	1.36	
October ....		3.74	5.40	3.24	.80	6.06	3.09	3.07	1.02	4.61	
November...		2.23	3.30	2.52	1.63	2.22	1.62	2.04	4.01	.85	
December ....		2.93	5.65	1.96	2.42	1.15	4.13	1.31	2.09	1.49	
TOTALS ...		30.83	37.76	33.30	19.04	30.05	29.78	20.00	27.96	27.22	

*1881 Dalton Holme 1 mile E.**Gale 14ft high 40ft N.*



RAINFALL AT *York Bootham*

Lat. ....

Lon. ....

County of *York*

Rain Gauge, by .....

Observer *J. E. Clark Esq*  
*a. D. Haigh Esq**Onuse - Wharfe 10*

Diameter ....	5											<i>R.D. Marnall Esq</i>
Height .....	5	6		4			10					
Altitude ....	50	46		50			42	50				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	2.46	1.09	1.11	1.24	1.89	2.97	.53	1.72	.60			
February ....	.81	.07	1.91	2.26	3.36	.33	.65	2.26	1.07			
March .....	1.40	1.08	1.09	.47	1.47	2.04	2.16	2.49	1.02			
April .....	.36	2.01	1.86	.55	1.84	1.45	.85	1.83	2.68			
May .....	1.78	1.85	3.21	1.97	2.66	.47	.37	1.10	2.06			
June .....	2.09	1.18	4.59	1.15	3.59	3.45	2.17	2.76	1.82			
July .....	3.20	(2.40)	1.28	4.02	3.45	3.89	1.55	.25	1.60			
August .....	3.10	(3.16)	2.64	3.63	3.39	2.11	[2.20]	4.20	3.21			
September....	1.60	(1.10)	1.03	1.66	1.41	.92	2.90	2.48	2.17			
October .....	1.21	(2.92)	4.90	2.39	3.46	3.58	3.24	1.73	3.17			
November....	2.87	(2.33)	1.56	2.57	1.30	2.48	1.56	2.27	3.20			
December ....	.64	(2.42)	.66	2.25	1.31	2.35	2.96	2.31	1.82			
TOTALS ....	21.52	(21.61)	25.84	24.16	29.13	26.04	21.14	25.40	24.42			<i>Not Received</i>

1891 July to Dec. Gauge defective, amounts computed

1897 St Olaves Church 1/4 mile S

Tree 60 ft high 60 ft SE + W



RAINFALL AT *Market Weighton Dalton Hall*

Lat. ....

Lon. ....

County of *York E.R.*

Rain Gauge, by .....

Observer *Mr J. Allsop**Gummers 3*

Diameter ....	8										
Height .....	14										
Altitude ....	150 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.46	1.42	1.61	1.34	2.14	5.73	.85	2.61	.90	2.33	2.139
February ....	1.70	.13	2.44	3.66	2.37	.56	.71	2.57	1.85	1.10	1.709
March .....	1.43	1.73	1.31	.30	1.33	2.41	2.34	2.92	1.94	1.71	1.742
April .....	1.00	2.58	1.80	.47	2.20	1.74	1.25	1.77	3.14	2.04	1.799
May .....	2.78	1.95	3.53	1.51	1.83	.53	.92	1.24	2.37	3.73	2.039
June .....	3.06	1.07	3.97	1.59	5.49	3.06	2.37	2.25	2.15	1.28	2.629
July .....	1.63	3.45	1.86	1.20	3.05	5.75	1.50	.34	.58	1.11	2.047
August .....	4.68	3.62	2.56	2.10	1.93	2.42	1.20	3.64	3.44	.92	2.651
September....	1.37	1.24	1.10	2.30	.65	1.29	3.69	2.93	.40	3.10	1.807
October .....	1.77	3.72	5.90	2.12	4.88	3.78	5.24	1.85	4.27	2.74	3.627
November....	3.73	3.52	1.92	3.22	1.37	2.84	1.55	3.34	2.96	1.30	2.575
December ....	1.07	3.55	.99	2.66	2.82	2.44	4.17	2.16	2.35	3.18	2.599
TOTALS . . .	26.68	27.98	28.99	22.47	30.06	32.55	25.79	27.62	26.35	24.54	27.303

*1890 Dalton Holmes Church 1 Mile E**Wall 14ft high 40ft N*



22/1  
(1910 Feb 3401)

RAINFALL AT Market-Weighton Dalton Hall

Lat. ....

Lon. ....

County of York ER

Rain Gauge, by

Observer

Mr. J. Allsop Mr. W. JacksonNumber, L. bank - 3.

Diameter ..	8			5							
Height ....	1 4			1 6							
Altitude ...	150 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.97	1.10	1.10	1.62	2.12	.57	3.34	.96	1.24	1.08	1.710
February ..	4.03	1.81	1.31	1.15	3.14	1.30	1.99	1.55	2.40	1.28	1.996
March ....	.69	2.16	1.26	2.62	2.05	2.34	2.09	1.68	3.15	2.67	2.071
April .....	1.24	1.50	1.09	1.86	1.14	2.33	1.21	1.55	2.57	2.58	1.707
May .....	1.56	.48	2.43	3.48	1.44	.71	1.61	4.10	2.02	1.70	1.953
June .....	2.90	2.51	2.20	1.73	.93	1.60	.80	3.41	1.11	4.19	2.138
July .....	1.88	1.76	2.66	2.96	1.61	1.49	1.28	1.72	3.28	3.34	2.198
August .....	5.33	2.80	2.16	2.60	3.65	3.73	2.11	2.49	2.41	4.44	3.172
September ..	.68	.89	.76	3.03	1.40	1.82	.65	.81	1.75	1.80	1.359
October .....	3.30	1.77	2.69	7.21	.53	2.00	5.51	4.93	1.24	3.67	3.285
November ..	2.83	4.03	1.54	1.51	1.54	3.90	3.76	2.51	1.54	.76	2.392
December ..	3.62	4.33	2.61	1.05	1.37	.40	1.65	3.91	2.07	3.97	2.498
TOTALS ..	32.03	25.14	21.81	30.82	20.92	22.19	26.00	29.62	24.78	31.48	26.479

1900 Dalton Holm Church 1 mile E

Wall 14 ft high 40 ft N

1903 Kipling Colles Station N E R 2 miles S W

Hub



10

RAINFALL at Market Weighton Dalton HallCounty of E.R. YorkshireObserver M. W. Jackson1910-1919River Basin Humber - Left Bank Tributaries 3

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

Diameter ...	5										
Height .....	1.6										
Altitude ...	150 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.19	1.53	4.07	(4.02)	(1.73)	(3.45)					
February ...	2.49	1.32	1.76	.92	(1.04)	(2.60)					
March .....	.93	2.07	3.20	2.11	(1.99)	(1.11)					
April .....	2.36	1.46	.28	2.47	(5.56)	(.82)					
May .....	2.29	1.04	3.57	2.31	(2.33)	(1.67)					
June .....	1.91	3.16	5.47	1.07	(3.53)	(.38)					
July .....	2.79	1.21	6.24	.27	(4.44)	(6.72)					
August .....	3.45	2.47	5.26	.87	(2.92)	(2.69)					
September ..	.43	3.70	2.14	1.07	(2.06)	(1.27)					
October ...	4.12	2.62	3.10	2.45	(2.17)	(1.55)					
November ...	3.68	3.50	3.22	2.28	(3.48)	(2.31)					
December ...	3.43	4.28	2.27	1.69	(5.74)	(5.74)					
TOTALS ...	30.07	28.36	40.68	22.53	N.R.	(31.31)					
	7	0	3	2	(31.99)						

1911 Cooper W.D.  
 1912 Wall 14 ft high 40 ft N

1914 + 1915 computed from Dalton Hall

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Hiplingcotes	2 mi	W	Dalton	1 mi	E