

RAINFALL AT Halifax Thorpe  
W. R. Tolle.

Observer F. E. Rawson.

Rain { By .....  
 Gauge { .....  
     Diameter ..... Ø ..... in.     Height above Ground, ..... ft. Ø ..... in.     Above Mean Sea Level 360 ft.

## RAINFALL AT HALIFAX THORPE

70

Lat.

Long.

County of

YORK

Rain Gauge, by

Observer

F. E. Rawson

Diameter	.8										
Height	.8										
Altitude	360										
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	5.30	1.76	6.94	6.53	4.83	6.87	2.07	8.10	5.40	1.30	4.910
February	2.46	4.41	4.66	1.05	1.60	1.56	6.09	5.39	2.00	4.52	3.374
March	3.28	1.95	3.27	3.37	5.55	1.06	6.15	3.74	3.13	2.97	3.447
April	1.29	4.25	3.98	4.9	2.02	1.45	3.14	3.30	2.00	3.20	2.512
May	2.38	1.90	3.00	2.07	1.26	2.14	1.21	4.32	5.10	1.52	2.490
June	2.07	3.33	5.21	1.90	1.41	3.70	3.32	2.75	3.25	6.18	3.912
July	4.6	4.31	4.20	3.17	2.45	6.35	2.72	3.75	1.37	5.70	3.448
August	1.82	1.75	3.22	4.17	4.48	2.79	3.78	6.40	6.33	5.60	4.034
September	2.32	4.74	7.70	2.50	3.91	5.63	4.68	4.15	5.20	3.06	4.389
October	12.24	3.73	5.48	5.70	6.58	6.00	4.27	6.95	5.30	2.42	5.867
November	3.91	1.30	7.93	4.08	4.04	5.98	4.40	7.84	3.65	1.87	4.800
December	3.62	2.35	4.90	1.47	4.15	2.20	9.31	5.04	2.71	3.76	3.951
TOTALS	41.15	35.78	60.49	36.50	42.28	45.73	51.14	61.73	45.44	42.10	46.234

Gauge in an open position - in a valley surrounded by hills more or less on all sides — about 5 miles from the Pennine range

No. 1.

RAINFALL AT Halifax, Thorpe

80

Lat.

Lon. .... County of York

Monthly Rain Gauge, by

Observer J. Selwyn Dawson Esq.

Base. Ains &amp; Goldie's

Diameter .....		8								
Height .....		8								
Altitude .....		345T								
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889
January .....					8.68	9.25	3.27	7.85	2.60	2.15
February .....					3.34	3.99	4.68	7.4	.96	1.12
March .....					1.48	2.68	2.74	4.61	2.42	4.52
April .....					2.93	2.06	2.34	3.96	1.52	2.49
May .....					1.07	2.41	2.67	5.80	2.49	1.16
June .....					3.93	1.28	1.16	1.48	.29	2.66
July .....					3.06	3.50	1.25	6.09	1.93	5.38
August .....					2.52	1.61	1.75	1.72	1.86	3.40
September .....					7.80	2.62	5.61	3.27	4.95	1.09
October .....					6.29	3.17	8.34	5.36	3.09	1.49
November .....					5.71	2.00	3.31	3.18	2.67	10.03
December .....					3.64	7.07	2.53	8.09	3.43	3.22
TOTALS .....					50.45	41.64	42.65	52.18	28.21	38.71
										38.10

1883

Sowerby Ch. 1m. N.

Base two 3ft high 9ft w.

RAINFALL AT Halifax Thorpe

80

Lat. ....

Lon. ....

County of Norfolk

Daily

Rain Gauge, by

Observer J. Selwyn Rawson Esq.

Dose. Area &amp; below 8

Diameter .....				5							
Height .....				8							
Altitude .....				345T							
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	8.40	8.72	3.32	7.78	2.52	2.22	2.36				
February .....	3.28	4.12	4.70	7.6	.99	1.23	3.46				
March .....	1.50	2.82	2.72	4.66	2.36	4.56	3.53				
April .....	2.96	2.09	2.38	3.88	1.58	2.49	3.83				
May .....	1.09	2.50	2.82	5.81	2.55	1.21	2.58				
June .....	3.99	1.30	4.14	1.56	.29	2.73	.67				
July .....	3.11	3.52	1.27	6.10	2.00	5.43	3.00				
August .....	2.49	1.64	1.78	1.70	1.91	3.60	5.29				
September .....	7.70	2.64	5.43	3.27	4.92	1.01	2.29				
October .....	6.11	3.25	8.24	5.37	3.08	1.62	6.07				
November .....	5.53	2.04	3.27	3.20	2.64	10.09	1.54				
December .....	3.70	7.02	2.42	8.21	3.45	3.11	3.46				
TOTALS .....	49.86	41.66	42.49	52.30	28.29	39.30	38.08				

1883. Sowerby Ch. 1m. N.

Rose trees 3ft. high 9 ft. E. &amp; W.

No 4  
RAINFALL AT Halifax, Thorpe

80

Lat.

Long.

County of Yorks

Monthly

Rain Gauge, by

Observer F. G. S. Rawdon, Esq  
I Schrym

ouse. Ave & Colar

Diameter .....	8										
Height .....	8										
Altitude .....	360 T	305 T	305 T								
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.49	.35	.05	8.91	9.06						
February .....	4.65	6.10	3.42	3.38	4.05						
March .....	3.64	6.53	4.5	1.43	2.71						
April .....	3.22	1.06	5.60	2.98	2.05						
May .....	3.20	3.30	1.03	.98	2.35						
June .....	3.40	2.30	5.25	3.91	1.25						
July .....	5.26	4.02	4.40	3.02	3.57						
August .....	1.81	6.00	2.00	2.45	1.59						
September....	4.60	2.68	1.85	7.85	2.62						
October.....	5.84	5.06	4.50	6.30	3.28						
November....	5.99	6.38	8.11	5.75	2.06						
December....	6.67	5.50	6.70	3.69	7.11						
TOTALS .....	48.77	49.28	55.25	50.65	41.64						

1880. Halifax

4 miles, N.N.E.

1883. Sowerby Ch. 1 m. N.

Shrubs 2 ft. high 3 ft. w.

1886 Apr. 3 " 4. No rain set in forecasted by Met which is in close proximity."

RAINFALL AT Halifax HopeLat.Long.County ofYork W.R.Rain Gauge, byObserverJ. P. Rawson EsqOver - Aire, balded on side,

Diameter .....	8										
Height .....	0.8										
Altitude .....	345T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	7.03	4.28	4.25	1.40	5.41	5.07	1.95	2.73	3.09	8.02	11.822
February .....	.87	.29	3.83	6.59	8.70	.73	1.82	4.15	4.60	2.41	2.299
March .....	3.37	2.94	1.49	1.47	5.03	4.05	6.12	6.21	2.18	3.05	2.591
April .....	1.98	2.72	1.72	.94	2.82	2.78	1.93	3.48	3.77	3.26	2.540
May .....	3.18	3.69	4.02	2.18	2.38	.68	.47	1.47	3.41	3.20	2.468
June .....	3.12	1.84	3.96	2.55	3.28	4.59	2.70	3.61	3.03	2.08	2.076
July .....	2.50	2.71	2.63	3.43	4.75	6.05	2.04	1.25	.82	1.83	2.801
August .....	6.10	5.93	4.34	2.98	3.95	4.15	2.03	3.24	4.96	1.63	3.981
September .....	1.41	3.33	4.36	3.29	.43	1.85	8.18	3.40	.50	8.20	3.495
October .....	3.13	6.60	8.02	4.31	5.88	5.12	5.69	2.20	5.57	4.02	5.054
November .....	5.75	4.04	3.14	3.22	3.10	4.77	1.73	5.23	3.38	2.41	2.677
December .....	.93	11.09	2.26	5.07	4.67	5.82	5.62	6.59	6.00	3.80	5.185
TOTALS .....	39.37	49.46	44.12	37.43	50.40	45.66	40.28	43.56	41.31	43.91	48.550

1892 Lower Ley Church 1 mile N

1894 Hope " 1/4 " N

# RAINFALL AT Halifax Thorpe

Lat.

Long.

County of

York W.R.

Rain Gauge, by

Observer

J. S. Lawson Esq.

Use: Aire & Calder 9

Diameter .....	5										
Height .....	0 8										
Altitude .....	3457										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	7.05	4.33	4.54	1.35	5.41	5.19	1.98	2.93	3.17	7.64	4.869
February .....	.87	3.4	3.89	6.51	8.81	.78	1.78	3.92	4.66	2.38	3.394
March .....	3.49	2.92	1.49	1.49	5.12	4.06	6.23	6.01	2.29	3.07	2.617
April .....	2.02	2.75	1.77	1.09	2.92	2.80	1.97	3.58	3.83	3.28	2.602
May .....	3.18	3.70	4.08	2.28	2.47	.75	.48	1.50	3.37	3.28	2.509
June .....	3.08	1.85	4.07	2.53	3.45	4.72	2.79	3.67	3.06	2.09	2.131
July .....	2.48	2.74	2.65	3.62	4.78	6.11	2.03	1.30	.88	1.91	2.850
August .....	6.15	5.96	4.25	2.97	4.08	4.11	1.96	3.37	4.96	1.58	3.929
September....	1.47	3.36	4.10	3.22	.51	1.80	8.14	3.48	.63	8.33	3.604
October.....	3.19	6.51	8.17	4.28	5.99	5.12	5.66	2.23	5.49	4.08	5.072
November....	5.71	4.08	3.17	3.15	3.17	4.86	1.72	5.27	3.29	2.43	3.685
December....	1.02	11.13	2.31	5.03	4.33	5.96	5.82	6.69	6.15	3.76	5.220
TOTALS .....	39.71	49.67	44.51	37.52	51.04	46.26	40.56	43.95	41.78	43.83	43.882

1891 Lowerby Church 1 Mile N  
 1894 Thorpe Church 1/4 - N

RAINFALL AT Halifax Thorpe

No. 1

Lat.

Lon.

County of York wR Central

Rain Gauge, by

Observer

J. P. Rawson Esq.Ave + below 9

Diameter ..	8										
Height ..	0	8									
Altitude ..	345	T									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEAN.
January ..	6.63	3.42	3.32	5.37	4.92	2.20	6.42	2.30	3.60	3.40	4.158
February ..	4.45	1.65	1.28	5.58	5.25	2.87	4.50	3.52	3.66	2.34	3.510
March ..	1.27	4.46	2.33	7.72	2.87	3.88	3.95	4.10	3.64	3.70	3.792
April ..	2.50	2.32	2.43	2.34	3.18	3.30	1.78	2.67	2.13	3.91	2.656
May ..	1.73	1.30	3.02	4.10	3.52	.51	3.40	3.87	1.93	2.30	2.568
June ..	3.53	1.62	1.57	1.03	.85	2.80	1.62	6.30	1.68	2.62	2.362
July ..	2.94	1.80	2.42	2.60	2.53	2.03	2.13	2.10	3.32	5.45	2.732
August ..	6.14	2.35	3.63	4.50	5.28	5.34	3.21	3.28	3.45	3.07	4.025
September ..	1.07	1.04	2.32	5.57	.98	2.47	1.10	.66	2.79	2.74	2.074
October ..	6.45	2.92	4.30	11.89	1.52	3.40	6.80	5.87	2.22	5.50	5.087
November ..	4.33	6.53	2.60	2.85	3.33	4.40	5.40	3.00	3.37	1.60	3.741
December ..	5.80	8.38	5.48	3.25	2.83	.95	4.22	4.38	2.66	8.20	4.615
TOTALS ..	46.84	37.79	34.70	56.80	37.06	34.15	44.53	42.05	34.45	44.83	41.320

1900 Lowerby Church 1 mile N

1903 Triangle Station 1/2 .. N E

1908 Nothing near

H.W.

## RAINFALL AT Halifax Thorpe No. 2

Lat.

Lon.

County of York &amp; Central

Smyth's Rain Gauge, by Haskins

Observer J. S. Rawson Esq.

Ave &amp; boulders 8

Diameter ..	5										
Height ..	0	8									
Altitude ..	345 T										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.46	3.40	3.40	5.39	4.97	2.20	6.54	2.30	4.02	3.38	42.06
February ..	5.26	1.63	1.34	5.56	5.42	2.85	4.67	3.42	3.88	2.31	3.634
March ..	1.27	4.73	2.45	7.72	2.96	3.96	4.18	4.29	4.07	3.72	3.935
April ..	2.75	2.30	2.50	2.48	3.20	3.30	1.80	2.92	2.12	3.86	27.23
May ..	1.80	1.44	3.10	4.17	3.63	.58	3.35	4.12	2.04	2.85	2.658
June ..	3.57	1.70	1.63	1.09	.87	2.84	1.79	6.56	1.88	2.64	2.457
July ..	2.96	1.90	2.55	2.63	2.56	2.07	2.19	2.34	3.31	5.52	2.803
August ..	6.02	2.30	4.01	4.45	5.29	5.31	3.81	3.37	3.35	3.00	4.041
September ..	.98	1.03	2.32	5.46	.96	2.47	1.10	.64	2.65	2.69	2.030
October ..	6.09	3.24	4.31	11.31	1.53	3.32	6.80	6.04	2.16	5.46	5.026
November ..	4.41	6.63	2.70	2.97	3.21	4.48	5.31	3.24	3.36	1.57	3.788
December ..	6.00	8.64	5.58	3.19	3.01	.96	4.16	4.53	2.74	8.17	4.698
TOTALS ..	47.57	38.94	35.89	56.42	37.61	34.34	45.20	43.77	35.53	44.67	41.900 etc.

Haskins

1900 Lowerby Church 1 mile N

1903 Inyang Station 1/2 - NE

1905 Nothing near

RAINFALL at Halifax Thorpe

No. 1

County of W.R. Yorkshire

Observer

J. P. Rawson Esq.River Basin Ouse-Aire-Calder 8

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

Diameter ...	8										
Height .....	o 8										
Altitude ...	345 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.10	2.75	6.36	4.65	3.96	6.48					
February ...	4.75	6.15	2.46	2.16	3.82	6.12					
March .....	1.05	2.04	5.45	6.97	5.28	1.38					
April .....	3.90	2.33	1.22	4.86	1.52	1.88					
May .....	2.96	1.75	3.60	2.69	2.19	2.23					
June .....	(3.66)	2.86	6.03	2.29	1.98	1.36					
July .....	3.08	.36	5.76	1.26	4.26	5.32					
August .....	5.04	2.22	7.30	1.64	2.30	5.24					
September ..	.21	3.12	2.40	1.73	3.05	.56					
October ...	3.72	3.65	5.10	1.83	2.53	1.99					
November ..	5.70	5.43	4.10	5.58	6.85	2.82					
December ...	5.44	6.90	6.80	4.30	9.32	9.62					
TOTALS ...	(45.61)	39.56	56.58	39.96	47.06	44.90	NR				

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Brayton	1/2 m	E	Thorpe	1/4 m	NE

RAINFALL at Halifax Harbour 14-2

County of W.R. Yorkshire Observer J. S. Rawson Esq.

River Basin Ouse-Aire-Calder 8

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

Diameter	5									
Height	0.8									
Altitude	345T									
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January	6.36	2.77	6.38	4.69	3.95	6.90				
February	4.73	6.13	2.42	2.24	3.75	6.27				
March	1.11	2.00	5.42	7.08	5.22	1.43				
April	3.99	2.41	1.31	5.04	1.49	1.94				
May	3.01	1.89	3.57	2.73	2.12	2.25				
June	3.66	2.94	6.02	2.37	1.94	1.46				
July	3.14	4.49	5.70	1.29	4.18	5.32				
August	4.93	2.18	7.27	1.67	2.80	5.36				
September	.22	3.06	2.36	1.75	3.01	.67				
October	3.69	3.63	5.00	1.83	2.44	1.88				
November	5.67	5.40	4.08	5.62	6.76	2.82				
December	5.41	6.89	7.03	4.34	8.85	9.71				
TOTALS	45.92	39.79	56.57	40.65	46.01	45.91	NR			

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Wangle	1/2 m	NE	Sowerby	1 m	N