

Rainfall at Yarnton Hall, Harborough

A. W. Deane

Diameter of Gauge, 12 in.Height above Ground, 3 ft. 6 in.Above Mean Sea Level, 120.2 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.10	1.00	2.09	3.57	1.18	2.27	1.95 [#]	3.88	2.31		
February - -	2.35	3.16	1.48	.40	2.47	1.77	2.34	.99	1.21		
March - - -	3.34	2.09	3.87	2.01	2.25	2.00	2.29	1.97	1.30		
April - - -	1.00	.91	1.49	1.49	.65	.53	1.40	2.12	2.05		
May - - - -	3.44	.67	2.38	1.05	1.09	2.64	.86	1.90	1.01		
June - - - -	4.41	2.57	2.49	2.70	1.01	.57	3.99	2.06	.49		
July - - - -	4.01	3.42	1.63	1.37	1.39	3.09	3.80	3.72	.57		
August - - -	3.62	.48	2.31	4.37	1.05	4.28	3.59	2.80	2.58		
September -	3.73	2.31	2.67	2.57	2.10	.39	3.76	2.36	3.53		
October - -	2.27	2.57	2.46	3.69	2.48	6.47	2.88	2.34	2.91		
November -	4.52	4.46	1.53	3.32	4.41	2.34	2.78	1.14	2.08		
December -	4.73	1.62	1.40	2.70	3.02	1.92 [#]	2.14	2.46	6.88 [#]		
TOTALS -	41.52	25.16	25.80	29.24	23.16	28.35	31.76	27.74	26.62		

1866 Impft through death of Sir D. W. L.

1866 Gauge blown over for some hours during a storm
 Mr. Boulton states that the correct total for 1867 is
 27.61 and for 1868 27.42. He was asked for
 the monthly amounts but he did not send them.

RAINFALL AT Ganton Hall [Scarborough]

Lat.

Lon.

County of

Yorkshire E.R.

Rain Gauge, by

Observer

W. Bratt

Diameter .....	.5	.									
Height	1	.	.								
Altitude	250	.					234				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	1.89	1.29	3.56	1.84	1.22	2.36	.81	3.74	2.76	1.24	2.071
February	2.34	2.12	2.45	1.87	1.72	.88	2.75	2.34	.98	3.80	2.125
March	1.59	.94	3.00	2.60	1.86	.83	3.44	2.20	1.56	1.05	1.907
April .....	.47	2.99	2.50	.80	1.21	.60	2.40	4.24	2.12	1.95	1.908
May	1.24	1.41	1.73	2.60	2.79	1.10	.78	2.08	2.96	3.03	1.972
June	3.03	3.21	3.42	.82	.39	3.07	2.72	1.46	2.88	3.47	2.447
July .....	.36	3.64	3.89	2.55	1.30	4.59	2.69	1.95	1.01	3.26	2.524
August	2.52	.66	3.65	2.03	2.06	2.26	2.63	3.99	4.33	2.62	2.675
September	1.12	5.68	4.44	2.15	1.99	2.48	3.42	4.14	1.67	2.17	2.926
October	6.46	1.70	3.51	2.66	1.78	5.39	2.67	2.24	2.38	1.02	2.981
November	3.13	2.30	6.12	1.65	3.58	6.57	4.09	1.91	5.34	2.79	3.748
December	7.28	1.72	4.91	.33	4.19	1.74	7.13	2.56	3.90	1.36	3.512
TOTALS	31.43	27.66	42.98	21.90	24.09	31.87	35.53	32.85	31.89	27.76	30.796

1879 Gooseberry Trees 3ft high 3ft distant all round

Ganton church 300yds N.N.W.

RAINFALL AT *Ganton Hall [Scarborough]*

Lat. _____

Lon. _____ County of *York, E. R.*

Rain Gauge, by _____

Observer *W. J. Shields**Use - Decent 2.*

Diameter	5												
Height	1.0												
Altitude	200T												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.		
January . . . .	.27	.99	2.76	2.54	3.07								
February	2.45	3.46	1.94	4.11	2.37								
March	2.04	3.34	1.67	1.99	2.63								
April	2.76	1.07	3.73	1.33	2.44								
May	2.14	1.31	1.20	1.51	1.14								
June	2.19	1.43	3.18	2.58	.32								
July	3.40	2.32	3.99	3.86	2.77								
August	1.98	6.59	2.66	1.63	.86								
September	6.41	4.23	1.13	5.46	1.12								
October	6.68	4.34	5.27	2.76	1.20								
November	2.52	2.23	3.63	2.47	1.97								
December	3.18	3.21	4.25	1.94	2.36								
TOTALS	36.02	34.52	35.41	32.18	22.25	91.0							

1880. *Ganton* 200 yards N.
Grocery bush 2ft high 3ft N

RAINFALL AT Ganton Hall [Scarborough]

Lat. _____

Lon. _____

County of York E.R.Cuse . Derwent 2.

Rain Gauge, by _____

Observer M. J. GreenwoodW. J. Greenwood

Diameter		5									
Height		1	-								
Altitude								200			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			1.21	1.83	1.68	5.39	.73	2.57			
February	#	.10	2.18	3.15	2.93	1.40	.51	2.44			
March		2.18	1.40	.62	1.54	1.67	2.47	3.38			
April		1.91	1.24	.37	1.55	1.31	1.05	1.60			
May		2.58	2.45	.26	1.55	.72	.83	1.45			
June .....		.36	4.93	1.56	3.87	2.68	2.13	2.18			
July		3.36	1.44	2.39	2.50	5.43	1.70	.51			
August		4.12	2.72	1.53	2.74	2.85	2.91	5.14			
September....		1.50	1.37	.89	1.43	1.49	3.17	3.25			
October		4.04	7.71	1.90	5.05	4.16	4.78	1.55			
November....		3.49	1.71	4.06	1.74	2.96	1.72	2.28			
December		3.20	1.55	2.59	2.55	2.09	4.11	2.32			
TOTALS			29.91	21.15	27.13	32.15	26.11	28.67	46.1		

RAINFALL at Ganton, Ganton Hall.County of Yorks. E.R. Observer Harold Wrigley Esq.River Basin Ouse, servant - 2.Copper Rain Gauge, by

Diameter ...											5	
Height											2.0	
Altitude.....											250	
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January.....										3.15		
February ...										1.46		
March										3.74		
April										1.62		
May										1.03		
June										1.19		
July										2.25		
August										2.41		
September...										1.00		
October										4.87		
November...										3.23		
December ...										3.28		
TOTALS ...										29.23		

1919 recd. 14.3.21. Etd. 8.22

1919. Wall 14 ft. E. 14 ft. S.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Ganton	1 1/4 mi.	N.	Ganton	1/4 mi.	N.

RAINFALL at Ganton Ganton HallCounty of E. R. YorkshireObserver H. Wrigley EsqRiver Basin Case - Derwent 2Sawder
1928. Rain Gauge, by _____

Diameter ...	5											
Height	2.0									1.0		
Altitude ...	250											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	
January ...	3.27	3.21	3.42	1.76	2.53	1.17	2.71	2.00	4.55	2.66	3.94	
February ...	.93	.53	2.32	4.41	1.44	2.76	1.91	1.42	1.85	1.86	1.67	
March	2.24	.93	2.50	1.49	1.36	1.81	1.69	1.41	3.00	.13	2.28	
April	3.95	1.13	1.28	1.63	1.68	2.87	1.28	2.55	1.14	1.25	3.19	
May	1.95	2.11	.99	3.21	3.71	2.62	1.39	.92	1.50	1.40	.85	
June .....	.80	.19	2.21	.76	1.59	.17	3.97	3.66	3.67	1.34	1.50	
July	5.63	1.29	4.32	2.86	4.78	1.37	2.79	2.44	.78	1.60	4.35	
August	1.88	3.77	3.58	3.71	2.02	3.58	2.75	5.52	4.09	2.38	3.90	
September...	1.61	.85	2.34	2.24	2.27	3.01	.90	4.28	.79	.35	3.92	
October	2.67	1.94	1.72	2.28	3.49	2.24	3.66	1.92	3.98	2.39	1.97	
November...	.92	2.66	1.55	3.96	1.69	3.78	3.83	3.58	3.03	3.61	4.12	
December...	2.86	1.88	2.97	3.70	2.99	3.99	1.11	2.80	1.80	6.11	2.46	
TOTALS...	28.71	20.29	29.20	32.21	29.55	29.37	26.99	32.50	29.98	24.58	34.15	
	D	D	D	D	D	D	D	D	D	D	D	

1921. Wall 4' high 14' SW.

1926. House 60 ft. high 20 yds N.W.

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
1920			Ganton	1 1/2 m	N	Ganton	3/4 m	N
1925			..	1 m	SW	..	1/2 m	SW

RAINFALL at Ganton (Ganton Hall)County of East Riding Observer Harold Wrigley, Esq.River Basin Ouse-Derwent-2

Type of Gauge.....

Annual Average 27.5 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. S

760048/7.

Diameter	5.											
Height	1.0.											
Altitude	250.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	2.90	1.33	1.84	2.06	2.81	4.50	1.75	2.93	4.24	1.93	29.29	
February	2.34	.78	3.83	1.83	3.60	3.20	3.89	.88	1.48	1.78	23.61	
March	1.07	2.00	2.13	3.26	.59	1.25	3.53	.18	2.39	1.71	18.11	
April	3.18	2.14	1.01	2.59	2.67	1.32	2.72	.14	1.18	2.17	19.12	
May	2.30	5.63	2.29	1.28	.90	2.16	3.76	3.63	1.95	.70	24.60	
June	3.36	.72	2.03	1.57	2.00	4.60	.81	2.41	2.57	.64	20.71	
July	3.11	1.68	2.14	2.24	.32	2.60	1.67	3.40	3.08	6.26	26.50	
August	2.73	2.13	.86	2.62	1.40	2.21	.77	3.33	1.72	1.14	18.91	
September	4.76	2.84	2.84	1.55	3.89	1.75	1.34	1.80	1.45	1.27	23.49	
October	1.63	3.22	4.70	2.11	3.23	1.78	3.06	3.45	4.61	4.01	31.80	
November	2.97	1.65	3.00	3.35	4.71	2.89	2.16	2.79	3.16	3.42	30.40	
December	1.66	1.54	1.28	4.56	2.70	1.95	5.38	4.26	2.70	2.92	28.95	
TOTALS	32.01	25.66	27.95	29.02	28.82	30.21	34.14	29.20	30.53	27.95	295.49	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1935. Inspected 8/5/35. g. not level nor rigidly fixed.
 New 5" 120 gauge & tipper mechanism ordered & despatched 13/6/35
 1934 Gauge probably leaking. Observer informed.
 1935. New gauge installed 13.6.1935.

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
1934			Ganton	1 m.	N.N.W.	Ganton	$\frac{1}{2}$ m.	N.N.W.

Station No. 3389 M

RAINFALL at Ganton (Ganton Hall)

41

County of East Riding

Observer Harold Wrigley Esq.

River Basin Ouse Derwent 2

Edward W. Wrigley Esq (1944)

Type of Gauge

Annual Average 27.5 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref S

File No. 740048/27

Diameter	5"		066	508							
Height	1' 0"			1							
Altitude	250'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	3.59	4.64	4.06	1.86	4.73	1.88	2.83	5.89	.82	1.06	31.85
February	4.20	1.81	.37	1.92	1.60	1.48	3.77	1.06	.76	4.13	21.10
March	3.39	.79	.39	.57	.50	1.60	3.83	1.05	1.31	1.06	14.49
April	1.91	.92	1.27	1.78	2.16	1.68	2.61	1.16	1.75	2.67	17.91
May	1.52	3.20	2.29	.53	1.45	1.68	.75	1.76	1.87	2.05	17.10
June	.52	1.17	1.88	2.40	2.89	2.49	2.23	4.21	1.10	1.68	20.37
July	2.60	2.93	.71	2.09	.93	3.83	1.28	1.59	1.33	2.47	19.76
August	3.56	1.96	4.34	2.62	3.63	3.29	.34	3.66	2.04	4.93	30.39
September	.71	1.90	3.52	3.93	1.17	4.35	1.58	1.55	.67	3.21	22.68
October	3.63	1.65	1.63	2.53	2.88	1.38	.82	1.57	2.86	1.19	20.14
November	3.19	1.01	2.37	3.44	1.53	5.53	1.99	.65	4.90	4.24	29.15
December	.36	2.01	1.32	2.53	1.70	3.28	1.76	2.37	2.40	4.22	21.97
TOTALS	29.22 D	24.08 D	24.15 D	26.20 D	25.17 D	32.47 D	23.79 D	26.51 D	21.81 D	33.57 D	266.91

Position of Station on reduced Ordnance Survey Map,
1 mile 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.
1941			Ganton	1 ml.	N.W.	Ganton	1 1/2 ml.	N.W.

Station No. 3389 m.RAINFALL at Ganton (Ganton Hall)

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County of East Riding - Yorks. Observer Edward W. Wrigley Esq.River Basin Cuse - Derwent - 2

Type of Gauge

Annual Average 27.5 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. 5" " 28.80 " " 36 " " within 1920-57 - 1916-50 File No. 74.0048/27

Diameter ...	5"		066	508								
Height ...	1'0"			1								
Altitude ...	250'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January ...	1.85	2.39	.98	1.88	1.53	4.58	1.34	2.79	2.64	6.14	26.12	
February ...	3.21	.85	2.10	2.30	2.37	2.29	3.00	4.51	.35	2.49	23.47	
March ...	3.38	1.92	.21	2.17	2.44	.79	1.14	3.01	1.54	1.68	18.28	
April ...	1.10	1.07	2.63	.36	.99	.95	.50	.99	2.61	0.73	11.93	
May ...	4.52	1.59	1.91	1.90	2.74	.68	.98	2.64	.55	1.22	18.73	
June ...	1.90	1.90	2.70	1.42	1.44	3.57	1.21	3.78	1.42	0.31	19.62	
July ...	2.17	2.25	2.00	1.47	1.29	4.07	3.89	2.60	2.93	3.55	26.22	
August ...	6.93	1.90	3.11	5.62	1.16	5.96	2.97	2.02	.28	2.99	32.94	
September ...	1.01	5.19	1.48	1.73	1.52	1.63	3.36	1.64	.41	2.68	20.65	
October ...	.97	2.99	2.02	3.70	2.77	1.52	2.54	1.87	2.36	8.58	29.32	
November ...	5.32	4.84	2.20	5.50	1.73	1.05	2.95	.67	4.30	5.02	33.58	
December ...	2.36	2.41	1.09	2.45	3.68	2.90	2.16	3.68	4.48	4.14	29.35	
TOTALS ...	34.72	29.30	22.43	30.50	23.63	29.99	26.04	30.20	23.87	39.53	290.21	
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference SE(44)995169

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C1919	✓	1np34	✓	
		✓ out - 21-22	✓	✓	