

RAINFALL AT

Wallerfield, Walton Hall

70

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

E. Simpson Esq.

Diameter.							5				
Height.							6				
Altitude.							150				
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.							1.91	3.74	2.02	1.14	
February. ....							.83	1.18	.94	2.72	
March.							2.58	4.06	.68	1.10	
April.							1.75	3.02	1.89	2.65	
May. ....							.50	2.19	4.17	2.10	
June.							1.87	1.50	2.34	3.91	
July.							1.54	2.63	.94	2.95	
August.							1.93	4.12	5.31	2.77	
September.							3.05	2.71	2.59	1.43	
October.							2.28	2.54	2.07	.94	
November.							3.44	1.84	2.07	1.11	
December.							6.03	2.24	1.38	1.32	
TOTALS.							27.71	31.77	26.40	24.14	

RAINFALL AT Wakefield, Walton Hall

80

Lat. Lon. County of *Sork W.R.*
 Rain Gauge, by Observer *E. Simpson Esq.*

Quase. Aire & Calder 8

Diameter	5											
Height	6							3	- 9	1.0		
Altitude	150											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	56	06	1 95	2 47	2 98	93	3 79	2 24	94	1 39	1 731	
February	1 74	3 32	1 66	1 57	2 33	2 47	77	53	1 54	1 33	1 720	
March	2 75	2 99	1 97	96	1 56	1 50	2 05	1 54	3 22	3 06	2 160	
April	1 18	1 24	3 52	2 78	1 81	1 76	2 27	62	1 91	3 38	2 047	
May	2 57	67	92	97	1 14	1 69	6 25	2 44	45	4 57	2 161	
June	3 02	1 73	4 04	2 83	76	2 61	94	15	2 60	29	1 897	
July	5 82	1 86	3 40	3 35	2 90	71	5 58	1 14	4 75	1 39	3 090	
August	1 38	3 25	1 66	1 99	1 55	98	2 19	1 64	2 20	3 43	2 027	
September...	4 73	2 45	2 42	4 32	89	1 88	1 32	3 12	1 15	1 12	2 340	
October	4 80	2 62	3 74	3 23	1 13	5 39	4 16	2 32	84	3 85	3 208	
November...	1 54	2 10	2 60	2 09	52	2 22	1 44	1 62	5 45	77	2 035	
December ...	3 28	2 44	1 65	84	2 05	53	3 65	1 44	1 55	1 49	1 892	
TOTALS	33 31	24 73	29 53	27 34	19 62	22 67	34 41	18 80	26 60	26 07	26 308	

Sandal Church 1 1/2 mile N.

RAINFALL AT Wakefield Walton Hall

Lat. _____

Lon. _____

County of _____

York W.R.

Rain Gauge, by _____

Observer _____

E. Simpson Esq

Base - Aire + Calder 8

Diameter	5											
Height	10											
Altitude	150		140 ft									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.28	1.27	.91	1.21	1.41	3.80	.24	2.50	.38	2.27		
February ....	.79	.02	2.03	1.87	3.09	.13	.76	2.66	.73	.90		
March	1.49	1.00	.79	.23	.75	1.82	1.94	1.60	.69	.68		
April .....	.84	1.65	.77	.59	2.94	1.57	.72	1.46	2.27	1.43		
May	2.41	(2.16)	2.87	2.22	1.34	.87	.51	.65	1.44	2.44		
June	2.44	2.73	4.87	1.15	2.43	2.73	2.24	3.20	1.56	1.67		
July	2.01	2.05	1.44	2.31	5.02	5.59	.94	.39	.87	1.66		
August	2.77	2.94	2.01	2.22	1.95	1.42	2.10	2.15	3.08	1.16		
September ...	1.40	1.55	.93	1.00	.74	.49	4.08	1.77	.27	2.71		
October .....	.61	2.83	5.42	1.54	3.86	2.95	3.66	1.17	2.85	2.37		
November	2.65	1.86	.89	1.53	.76	2.15	1.19	1.67	1.59	.55		
December ....	.51	3.11	.48	2.73	1.13	2.72	1.84	1.77	2.01	2.37		
TOTALS . . .	20.20	23.17	23.41	18.60	25.42	26.24	20.22	20.99	17.74	20.21	20.40	

1890 Sandal Church ^{2 1/2} miles N NW

Iron Hedge 7 ft high 45 ft W

1891 May 13 Gauge moved 1 mile S.

Sandal Church 2 1/2 miles N.W.

1897 House 50 ft high 66 ft NW

RAINFALL AT

Wakefield, Walton Hall

Lat.

Lon.

County of York & R. Central

Smother Rain Gauge, by No 3

Observer E Simpson Esq

Use - Aire & Calder?

Diameter ..	5										
Height	1	0									
Altitude ..	140 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.00	1.11	.89	1.18	1.73	.42	2.33	.58	.96	.89	1.209
February ..	3.13	1.21	1.09	1.08	3.39	.59	1.54	.79	.89	.49	1.420
March ....	.57	1.26	.69	2.56	1.94	1.41	.79	1.05	2.08	2.42	1.477
April .....	.45	1.24	2.20	1.31	1.34	1.45	.69	1.65	1.76	1.58	1.367
May .....	.95	.83	2.30	2.84	2.18	.40	1.30	2.82	2.41	1.88	1.794
June	2.45	.55	1.10	1.98	.81	1.99	1.94	2.47	1.16	3.07	1.752
July	3.01	2.78	1.64	2.18	1.93	1.23	1.42	2.26	2.23	2.74	2.142
August	4.36	.92	2.46	2.41	2.94	3.06	1.74	1.25	1.20	1.98	2.232
September ..	.09	.40	.90	2.66	.75	.99	.34	.46	1.58	1.46	0.963
October	2.48	1.67	2.45	5.89	.30	1.57	3.97	4.50	.64	1.24	2.471
November ..	1.64	2.92	1.43	1.04	.98	2.58	2.42	2.38	.61	.37	1.637
December ..	2.48	3.57	1.11	.66	1.21	.28	2.28	1.58	.74	4.83	1.869
TOTALS ..	23.61	18.46	18.26	25.79	19.50	16.00	20.71	21.79	6.26	22.95	20.333

1900 Sandal Church ^{2 1/2} mile N.N.W

Sundial 7 ft high 18 ft W

House 50 " " 66 " N.W.

1903 Sandal & Walton Mill by Station 1 1/4 mile N.W.

1909 average of 34 years

23.29in

RAINFALL at Wakefield Walton HallCounty of W.R. YorkshireObserver E. Simpson EsqRiver Basin Cuse. Aire Calder &

Rain Gauge, by _____

Diameter ...	5											
Height	1.0											
Altitude ...	140T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.46											
February ...	1.56											
March	23											
April	#											
May												
June												
July												
August												
September ..												
October ...												
November ..												
December ...												
TOTALS ...	P											

Removed to W. Clifton Lodge 3/4 mile S April 1910

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Walton Hall, Wakefield.County of Yorkshire, W. R. Observer E. J. B. Simpson, Esq.River Basin Ouse - Aire - Calder B.

Rain Gauge, by _____

Diameter ...								5			
Height								0 10			
Altitude ...								137			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN.
January ...								1.30	3.50	1.68	3.53
February ...								.82	1.70	.69	.59
March								1.37	1.93	.11	2.36
April								2.77	(1.70)	.63	2.18
May								1.45	(2.75)	1.07	1.94
June								2.32	3.27	1.15	1.87
July								2.73	.50	1.90	5.73
August								5.19	2.46	2.64	2.79
September...								3.27	.38	.78	4.10
October								2.00	2.32	1.89	2.62
November...								(3.00)	2.92	4.14	1.98
December...								(2.73)	1.76	4.66	1.99
TOTALS...								28.95	23.59	21.34	31.18

1927 The Hall 22 yds. N.W. - Nov. & Dec. adjusted by maps.

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
1927.			Randal & Walton	$\frac{1}{2}$ m.	N.W.	Randal Magna	2 m.	N.W.

RAINFALL at Walton Hall (Thornhill House), WaltonCounty of West RidingObserver E. T. B. Simpson, Esq.River Basin Ouse-Aire-Catcliffe

Type of Gauge

24.99Annual Average 24.9 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. 770979/27 (m. 9)770979/27

Diameter	5.										
Height	0.10.										
Altitude	137.									150'	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.67	1.44	1.51	1.25	1.00	3.00	3.30	2.15	4.37	(2.60)	
February	2.32	.23	3.53	.40	2.10	2.85	3.49	.77	.93	(2.70)	
March	.15	1.18	2.38	1.94	.68	1.50	2.45	.27	1.72	1.85	
April	3.14	2.07	1.27	2.50	2.14	1.11	2.73	.03	1.41	2.00	
May	2.80	5.58	2.36	.94	.50	1.41	3.00	1.25	1.50	.43	
June	4.55	.10	1.17	1.78	2.53	4.24	1.50	1.38	1.66	.63	
July	6.03	2.88	1.38	1.33	.63	3.45	2.72	2.71	5.16	3.40	
August	4.93	1.45	0.31	.65	1.90	1.28	.31	4.11	.98	.50	
September	3.63	1.00	2.46	2.00	3.48	1.96	1.56	2.20	1.73	1.52	
October	.76	2.86	3.83	1.28	4.79	2.00	1.53	3.11	2.67	3.09	
November	3.30	1.28	2.03	2.50	5.05	3.98	2.00	2.17	3.44	4.38	
December	.88	.79	0.47	3.41	2.45	1.20	2.50	2.76	1.43	1.78	
TOTALS	34.16	20.86	22.68	19.98	27.25	27.68	27.09	22.91	27.00	(25.38)	

1931. House 44' high 63 ft NW

1940. gauge moved 31st July. 3/4 m. NW. new height = 150'. House 100 yds. NW.
Jan. Feb. corrected for snow.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			Sandel + Walton	1	WNW	Sandel	2	NW.
1940.			" "	1/4 mi.	N-NW	"	1 1/2 mi.	N.W.

Station No. 3227RAINFALL at Walter (Thornhill House)

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County of West RidingObserver E. T. B. Simpson Esq.River Basin Ouse - Aire - Calder - S

Type of Gauge.....

Annual Average 24.9 in. based on 9 years obs. un-weighted. Period of average 1881 - 1915 Ref. 770979/27File No. 770979/27 min 7.

Diameter	5"										
Height	0' 10"										
Altitude	137'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.00	2.13	3.25								
February	4.00	1.23	.94								
March	3.06	1.83	.57								
April	3.47	.07	1.40								
May	1.87	2.18	2.19								
June	1.40	1.29	1.25								
July	.26	1.63	1.33								
August	2.48	3.40	2.72								
September	.51	1.40	2.74								
October	2.67	2.94	1.55								
November	3.04	1.26	1.77								
December	.48	1.13	1.15								
TOTALS	25.24	21.39	20.86								

1943 3rd. terminated.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.

BRITISH RAINFALL ORGANIZATION