

RAINFALL AT Wakefield, Walton Hall

70

Lat.

Long.

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.....											
	1.83	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	2.64	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

Lat.

Long.

County of

York W.R.

Rain Gauge, by

Observer

E. Simpson Eng.

Dose. Aire & Calder 8

Diameter	5										
Height	6								3	-9	10
Altitude	150										
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January36	.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	2.06	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	2.51	.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 1½ miles N.

RAINFALL AT Wakefield Walton Hse

Lat.

Lon.

County of York WTR

Rain Gauge, by

Observer

E Simpson Esq

Base - Aire - Calder S

Diameter	5										
Height	10										
Altitude	150	1407									
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	
February79	.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	
April84	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	21.620

1890 Sandal Church $\frac{2}{3}$ miles N.W.
 Trees Hedge 7 ft high 45 ft W

1891 May 13 Gauge moved 1 mile S.

Sandal Church $\frac{2}{3}$ miles N.W.

1897 House 50 ft high 66 ft N.W.

RAINFALL AT Wakefield, Walton Hall.

Lat.

Lon.

County of York w.R. Central

Snowdon Rain Gauge, by No 3

Observer E Simpson Esq.

Date June & October

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	12.09
February ..	3.13	1.21	1.09	1.08	3.39	.59	1.54	.79	.89	.49	14.20
March57	1.26	.69	2.56	1.94	1.41	.79	1.05	2.09	2.42	1.477
April45	1.24	2.20	1.31	1.34	1.45	.69	1.65	1.76	1.58	1.367
May95	.83	2.30	2.84	2.18	.48	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	17.52
July	3.01	2.78	1.64	2.18	1.93	1.23	1.42	2.26	2.23	2.74	21.42
August	4.36	.92	2.46	2.41	2.94	3.06	1.74	1.25	1.20	1.98	22.32
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	24.71
November ..	1.64	2.92	1.43	1.04	.98	2.58	2.42	2.38	.61	.37	16.37
December ..	2.48	3.57	1.11	.66	1.21	.28	2.28	1.58	.74	4.83	18.69
TOTALS ..	23.61	18.46	18.26	25.79	19.50	16.00	20.71	21.79	6.26	22.95	203.33

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1900 Sandal Church 1/2 mile N.N.W

Sandal 7 ft high 18 ft W

House 50 - - 66 - N.W.

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

Hub

1909 Average of 34 years 23.29 in

RAINFALL at Wakefield Walton Hall

County of W.R. Yorkshire

Observer E. Simpson Esq.

River Basin River Aire Calder S

Rain Gauge, by

Diameter ...	5										
Height	1.0										
Altitude ...	1407										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.46										
February ...	1.56										
March	2.3										
April	4										
May											
June											
July											
August											
September ..											
October ...											
November ..											
December...											
TOTALS ...											

Removed to Wellington 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 Dace - Aire - Calder S.

Rain Gauge, by _____

Diameter ...										5			
Height										0.10			
Altitude ...										137			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MILLIMES.	
January ...										1.30	3.50	1.68	3.53
February ...										0.82	1.70	0.69	1.59
March										1.37	1.93	1.11	2.36
April										2.77	(1.70)	1.63	2.18
May										1.45	(2.75)	1.07	1.94
June										2.32	3.27	1.15	1.87
July										2.73	5.50	1.90	5.73
August										5.19	2.46	2.64	2.79
September...										3.27	3.8	0.78	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 } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1927.			Sandals & Walton	½ m.	N.W.	Sandal Magna	2 m.	N.W.

RAINFALL at Walton Hall. (Thornhill House), Walton.

County of West Riding.

Observer E. T. B. Simpson, Esq.

River Basin Ouse-Aire-Calder-S.

Type of Gauge

24.9

9

Annual Average ~~24.9~~ in. based on ~~27~~ years obs. un-weighted. Period of average 1881-1915

Ref. 770979/27 (Q.m.)

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	1.61	1.25	1.00	3.00	3.30	2.15	4.37	(2.60)		
February	2.32	2.23	3.53	1.40	2.10	2.55	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	2.86	.94	.50	1.41	3.00	1.25	1.50	1.43		
June	4.55	.10	1.17	1.78	2.53	4.24	1.50	1.38	1.66	.63		
July	6.03	2.88	1.28	1.33	.63	3.45	2.72	2.71	5.16	3.90		
August	4.93	1.45	0.31	.65	1.90	1.28	.31	4.11	.98	.50		
September	3.63	1.00	2.40	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. 34m. NW. New height 150'. House 100yds. NW.
Tan. 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	Parish Church.	Distance from gauge	Direction
1931			Sandels Walton	1	W.NW	Sandels	2	N.W.
1940.			" "	1/4 mi	N.NW	"	1 1/2 mi	N.W.

Station No. 3227

RAINFALL at Walton (Thornhill House)

County of West Riding

Observer

River Basin Ouse - Aire - Calder - 8

dead 143

Type of Gauge

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

File 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	.87	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 return terminated.

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.