

RAINFALL AT

Thirsk Lowerby

70

Lat.

Lon.

County of

Yorkshire N.L.

Rain Gauge, by

Observer

C. M. C. Swarbrick

Diameter . . . .											.5	
Height											1. -	
Altitude											105	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January												
February												
March												
April												
May												
June										3.84		
July										4.79		
August										3.16		
September										1.27		
October . . . . .										.48		
November										1.80		
December . . . . .										.87		
TOTALS												

1879 Vinery 12 ft high & 32 ft E.N.E.

f. Oswalds 158 yd N.N.W.

RAINFALL AT *Thirsk* *convent*

70

Lat.

Lon.

County of *Yorkshire* *N.R.*

Rain Gauge, by

Observer *A.C. Bamlett Esq*

Diameter. ....											.5	
Height.											1	
Altitude.											118	
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January. ....											.80	
February.											2.78	
March. ....											.76	
April.											2.48	
May.											2.12	
June.											4.54	
July.											5.49	
August.											4.17	
September.											1.46	
October. ....											.75	
November.											2.11	
December. ....											.89	
TOTALS.											28.35	

1879 Garden wall 8ft high 20 yds W.

" " 8 " " 25 " S.

" " 10 " " 28 " N.

House 28 " " 32 " E.

Thirsk church 500 yds N.E.

RAINFALL AT *Thirsk, Sowerby*

80

Lat. _____

Lon. _____

County of *York, N. R.*

Rain Gauge, by _____

Observer *C. M. Swarbrick, Esq.*

Cause - Surale 2

Diameter	5										
Height	1. 0										
Altitude	105										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.20	.56	1.63	2.46	4.11	2.24	2.78	1.67	.50	.99	1.764
February	2.20	4.34	1.00	2.54	1.54	1.76	.60	.75	1.74	1.16	1.763
March	1.76	2.59	1.82	1.86	2.70	1.78	2.14	1.35	3.19	2.60	2.179
April	1.60	.89	3.97	1.67	1.91	1.72	1.67	.83	1.69	1.68	1.768
May	1.57	1.06	1.79	.90	.69	2.07	3.48	1.50	.82	2.86	1.668
June	1.73	2.00	4.40	2.88	1.32	2.77	.45	.17	1.53	.23	1.748
July	6.03	4.23	3.05	4.16	4.82	.93	4.64	.78	4.47	1.91	3.502
August .....	.81	3.65	2.32	1.13	1.54	2.13	1.85	1.62	2.44	4.37	2.186
September....	4.58	2.40	1.75	3.38	1.81	3.93	1.51	2.98	.95	.83	2.412
October	3.95	2.66	4.06	3.16	1.36	3.53	3.51	2.67	.48	3.18	2.856
November....	2.14	3.41	2.54	2.27	1.59	1.69	2.37	1.50	3.35	.92	2.178
December	3.93	3.40	3.93	1.56	1.79	1.02	3.35	2.49	1.50	1.57	2.454
TOTALS	30.49	31.19	32.26	28.47	25.78	25.57	28.35	18.31	22.66	22.30	26.478

1880. St Oswalds

158 yards

N. N. W.

Vinery 12 ft high 82 ft. ENE.

RAINFALL AT *Thirsk, Sowerby Rose Cottage*

Lat. _____

Lon. _____

County of _____

York, N.R.

Rain Gauge, by _____

Observer _____

A. C. Bamlett, Esq.
Case. Swale 2

Diameter	5											
Height	1. 0											
Altitude	118											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	26	71	1.50	3.01	4.04	2.27	2.89	1.93	.52	1.14	1.827	
February	2.14	4.13	9.82	6.0	1.30	1.90	.60	.79	1.80	1.23	1.747	
March	1.76	2.59	1.91	1.69	2.54	1.74	1.96	1.53	2.89	2.59	2.120	
April	1.84	.82	4.33	.59	1.79	1.78	1.91	.92	1.75	1.71	1.744	
May	1.37	1.06	1.83	.86	.59	2.18	3.46	1.77	1.11	2.85	1.708	
June	1.94	1.87	4.52	2.82	1.23	2.99	.67	.27	1.40	.25	1.796	
July	6.11	4.27	3.16	3.99	5.64	1.79	4.91	.92	4.68	2.12	3.759	
August	1.57	3.82	2.33	1.11	1.25	2.13	2.11	1.78	2.65	4.33	2.308	
September....	4.68	2.45	1.72	3.23	1.63	3.73	1.55	3.15	1.23	.91	2.428	
October.....	3.99	2.70	3.93	2.90	1.32	3.66	4.37	2.85	.52	3.30	2.954	
November....	2.60	3.14	2.56	2.11	1.62	1.83	2.74	1.83	3.45	.89	2.277	
December	4.12	3.40	3.93	1.67	1.75	1.06	3.68	2.74	1.66	1.35	2.535	
TOTALS	32.38	30.96	32.70	26.58	24.70	27.05	30.85	20.48	23.66	22.67	27.203	

RAINFALL AT *Thirsk Sowerby*

Lat. _____

Lon. _____

County of *York N.R.*

Rain Gauge, by _____

Observer *C.M. Swarbrick Esq**Ouse Swale 2*

Diameter	5											
Height	10											
Altitude	105 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.45	1.14	3.00	2.36	2.44	3.70	.64	1.37	.42	2.14	1.966	
February ....	.84	.04	2.39	2.13	2.05	.43	.58	1.23	1.10	1.19	1.198	
March	1.79	1.88	1.22	.44	.91	1.81	2.45	1.98	1.36	1.18	1.502	
April .....	.82	1.85	1.52	.50	1.59	1.11	.49	1.27	2.67	2.01	1.383	
May	2.19	1.93	2.41	2.03	2.18	.70	.50	1.05	1.39	3.02	1.740	
June	2.68	.32	3.57	1.94	2.96	2.23	3.28	1.97	2.02	1.86	2.283	
July	2.13	3.92	1.66	3.24	2.11	4.87	1.97	1.00	.71	1.61	2.322	
August	4.05	3.66	4.28	1.91	2.86	3.80	1.81	4.29	2.35	1.29	3.030	
September....	2.43	1.69	.87	1.04	1.30	1.27	2.16	2.00	.57	3.25	1.658	
October	1.15	3.38	5.68	1.35	3.17	3.08	3.43	1.70	2.19	1.68	2.681	
November....	3.42	2.65	1.56	3.81	1.06	2.38	1.14	1.71	3.12	1.23	2.208	
December ....	.94	2.47	.87	2.57	1.24	1.69	3.02	1.73	1.41	2.36	1.800	
TOTALS . . .	24.89	24.93	29.03	23.32	23.87	27.07	21.47	21.30	19.31	22.82	23.801	

1893 *St Oswalds Ch* 158 yards N.W. 1880 -
Tinny 12 ft high 32 ft E.N.E.

RAINFALL AT *Thirsk Sowerby Rose Cottage*

Lat. _____

Lon. _____

County of *York N.R.*

Rain Gauge, by _____

Observer *A.C. Bamlett Esq*

Once - Swale 2

Diameter	5										
Height	1 0										
Altitude	118										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.86		.85	1.43		1.47	.73	1.85	.51	2.32	
February	1.02		1.71	1.67		.09	.39	1.26	1.24	1.30	
March	1.61		.64	.27		2.60	2.48	3.28	1.96	.76	
April .....	.83		1.35	.45		1.16	.57	1.41	3.00	1.87	
May	2.33		2.56	1.86		.57	.45	1.91	1.55	3.26	
June	2.70		3.44	1.94		2.38	4.25	2.14	1.96	1.58	
July	1.83		1.50	3.22		4.75	1.92	.75	.71	1.39	
August	4.37		3.98	2.01		3.58	1.86	4.29	2.58	1.41	
September...	2.30		.57	.92		1.08	2.19	2.14	.49	2.98	
October	1.04		5.12	1.25		3.20	3.49	1.91	2.30	1.31	
November...	3.29		1.36	2.83		2.92	1.35	1.67	3.06	.96	
December ...	.37		.70	2.40		1.37	4.46	2.66	1.21	2.04	
TOTALS ...	23.55	(24.93)	23.78	20.25	(23.87)	25.17	24.14	25.27	20.57	21.18	(23.27)

1891 + 1894 C.M. Swanbrecks figures used

RAINFALL AT *Thirk Sowerby*

Lat.

Lon.

County of *York N.R.*

Rain Gauge, by

Observer *C.M. S. Warbeck Esq*

One, scale - 2.

Diameter ..	5											
Height	1 0											
Altitude ..	105 T											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.10	1.04	.58	2.22	2.27					(.55)		
February ..	3.55	2.12	1.44	1.49	2.14					(.75)		
March ....	.80	2.55	.84	2.60	1.58					(3.96)		
April .....	.94	1.61	1.76	1.41	1.66					(1.91)		
May	1.04	.78	1.83	2.99	3.76					(1.10)		
June	3.98	1.58	2.09	1.69	1.13					(2.67)		
July .....	.91	.94	2.12	3.49	1.56					(2.58)		
August	4.32	1.51	2.17	2.45	3.37					(3.30)		
September ..	.82	1.20	.58	3.26	1.33	1.80				(2.11)		
October	4.48	1.78	2.27	7.03	.67	1.41				(2.52)		
November ..	2.13	2.81	1.70	1.69	2.32	3.93				(.78)		
December ..	1.61	3.77	2.02	1.45	(2.00)	.36				(3.37)		
TOTALS ..	26.68	21.69	19.40	31.77	(23.79)					(25.60)		

info

1909 compiled from
Mount. St John XI. 30.

1900 St Oswalds Church 158 yards N.W.

Vinery 12 ft high 32 ft E.N.E

1905 Jan-Apr. no obs. Apr-Aug. g. at Carlton Miniott.

RAINFALL AT *Thirsk Lowerby*

Lat.

Lon.

County of *York N.R.*

Rain Gauge, by

Observer *A. C. Hamlett Esq.*

Time, small - 2.

Diameter ..	5											
Height	1.5								6.0			
Altitude ...	11.8								113			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	2.10	1.17	.62		2.04	.42	2.77	.61	.95	.47		
February ..	2.26	1.89	.77		1.88	.64	1.53	1.19	1.18	.42		
March ....	.63	1.85	.82		1.18	1.84	1.26	.86	2.86	2.88		
April .....	.72	2.02	1.64		1.43	2.34	.86	1.61	1.98	1.70		
May .....	.95	1.18	1.78		4.09	1.07	2.87	3.27	1.63	1.00		
June	4.40	1.86	2.55		1.07	1.94	1.79	4.05	.49	1.49		
July .....	.75	.86	2.19		1.54	1.02	.79	1.78	2.99	2.13		
August	4.35	1.59	2.01		2.66	2.46	1.67	1.84	1.49	3.03		
September..	.52	1.10	.33		1.13	1.98	.38	.63	2.64	1.62		
October....	5.09	2.06	2.33		.57	1.38	5.04	3.96	1.12	1.72		
November..	2.32	3.52	1.66		2.00	3.98	2.45	2.55	.92	.61		
December ..	1.81	3.97	2.08		1.76	.36	1.80	3.56	.98	2.58		
TOTALS ..	25.90	23.07	18.78		21.35	19.43	23.21	25.91	19.23	19.60		

D D D D D D D D

1907 Not printed here.

RAINFALL at Thirsk, SowerbyCounty of N.B. YorkshireObserver A.C. HamlettRiver Basin Great Ouse 2

Rain Gauge, by _____

Diameter ...	5										
Height	6 0										
Altitude ...	113										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.74	1.00									
February ...	1.98	.52									
March .....	.27	.86									
April	1.53	1.04									
May	1.29	.96									
June	1.11	2.63									
July	1.99	.74									
August	2.41	2.35									
September ..	.16	2.29									
October ...	1.84	1.70									
November ..	1.62	2.08									
December ...	1.26	3.97									
TOTALS ...	18.20	20.14									

(1910 Not printed. End.)

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

RAINFALL at

Thurs Sowerby

County of N.R. Yorkshire

Observer

Wm Brown Esq

River Basin

Ouse. Swale 2

Gale. Snowden Rain Gauge, by N+3

Diameter ...	5		5									
Height	10		10									
Altitude ...	115		100	110								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...		1.68	3.57	3.61	1.43	2.99	.45	3.15	2.44	3.02		
February ...			2.34	1.16	1.46	3.02	2.41	.78	2.08	1.48		
March			2.95	2.05	1.74	1.20	2.52	2.40	1.05	2.43		
April .....			.04	3.45	.49	.85	1.09	2.56	1.47	1.65		
May			2.88	1.91	1.55	1.20	2.79	.81	2.83	.98		
June			5.93	1.36	1.54	.30	2.43	1.64	.78	1.16		
July			3.67	.73	3.90	5.39	1.94	1.00	3.99	2.55		
August			4.63	1.02	1.50	2.61	1.49	6.12	2.40	2.28		
September ..			1.96	1.22	1.40	1.08	2.14	.60	5.58	.95		
October ...			2.02	1.61	1.83	.82	2.82	2.56	1.92	4.22		
November ..			2.92	2.06	2.53	2.46	2.29	1.36	1.24	2.42		
December...			1.15	2.08	4.65	4.50	1.79	1.77	3.34	3.32		
TOTALS...	2555	(2400)	34.06	22.26	24.02	26.42	24.16	24.75	29.12	26.26		

1912 Smallbrook 1 ft high 3 1/2 ft S

2 1/2

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	54.14	1.21	Thurs	1 1/2 m	NW W	Sowerby	30+ 200 yds 1000 1300	N N

RAINFALL at *Thirsk Lowerby* (The Old House)County of *N. R. Yorkshire*Observer: *William Brown Esq. (late)*River Basin *Guse-Swale 2**M^W (Muriel) Brown (1925)**Snowdon* Rain Gauge, by *N. J.*

Diameter ...	5											
Height	1	0										
Altitude ...	110											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Mean
January ...	2.32	2.32	3.40	1.44	1.76	1.78	2.63	2.24	4.01	2.45	3.73	
February ...	.87	1.0	2.10	4.79	1.97	3.20	1.39	1.31	1.45	.95	.93	
March	1.69	.81	1.20	1.31	1.18	1.42	.70	2.11	2.48	.27	2.21	
April	3.20	.60	2.52	1.52	1.90	2.75	.82	1.34	.81	1.08	3.11	
May	2.26	1.62	.70	1.49	4.50	3.28	1.92	1.51	1.27	1.59	1.15	
June	1.11	.52	1.68	.74	1.83	.02	4.36	2.46	3.85	1.58	1.86	
July	4.28	1.18	4.32	3.00	2.84	1.73	1.71	4.76	.52	1.94	5.61	
August	1.79	4.05	3.25	3.63	2.67	2.91	2.90	6.13	4.86	2.78	2.60	
September...	1.20	1.39	2.34	2.48	2.31	2.75	1.36	4.88	.53	.87	3.72	
October.....	2.71	1.17	.96	2.43	3.87	2.51	2.82	2.36	3.52	2.76	2.38	
November...	1.08	1.94	1.37	2.73	1.65	1.86	4.97	2.11	2.49	3.27	3.21	
December...	3.57	2.22	3.08	2.46	3.15	2.58	.77	2.06	1.39	4.30	2.42	
TOTALS...	26.08	17.92	26.92	28.02	28.73	26.79	26.35	33.27	27.18	23.84	32.93	

1921 Current Wind 42' high 24' E

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	54° 14'	1° 21'	Thirsk	1 1/2 mi	W	Lowerby	200 yds	N

RAINFALL at Thirsk (Sowerby)County of North RidingObserver ^{Mumil} Mrs. W. BrownRiver Basin Ouse-Swale-2Type of Gauge SnowdonAnnual Average 24.7 in. based on 41 years obs. un-weighted. Period of average 1881-1915 Ref. S

f301629/34

Diameter	5.											
Height	0.11.									10		
Altitude	110.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	2.05	1.27	2.13	1.67	2.71	3.50	2.92	2.67	4.38	2.43	25.73	
February	1.55	.48	3.24	.83	2.32	2.80	4.23	1.18	1.50	1.55	19.68	
March	1.03	1.77	(1.77) 2.87	2.06	.91	1.80	2.05	.28	2.24	1.95	15.86	
April	3.83	1.97	.81	3.03	2.49	1.20	2.46	.27	1.13	1.32	18.81	
May	2.48	4.97	2.89	1.09	.99	.80	2.65	2.67	1.48	1.05	21.07	
June	4.63	.69	1.39	1.31	3.74	3.60	1.66	1.54	2.21	.53	21.30	
July	5.13	3.89	.94	2.92	.38	3.90	1.36	2.93	6.44	6.04	33.93	
August	4.24	1.64	.44	2.21	3.27	3.40	1.13	2.93	1.82	1.07	22.15	
September	3.55	1.41	1.65	2.15	4.31	3.00	1.11	2.06	1.97	1.60	22.81	
October	1.07	3.39	4.10	2.70	5.27	1.20	1.85	3.82	2.59	2.75	28.74	
November	4.01	1.12	3.14	1.64	3.86	2.66	1.97	3.24	2.71	3.36	27.67	
December	1.18	.88	.92	4.72	2.69	1.80	4.05	4.49	1.81	2.12	24.66	
TOTALS	34.75	23.50	(23.423) 24.52	26.33	32.94	(24.60) 24.01	27.44	28.08	30.28	25.77	282.41	

1933. March adjusted by surrounding stations.

1936. Round instrument, + not sent in.

↑
complete 3029Position 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			Thirsk	1 3/4 m	W.	Sowerby.	150 yds.	

RAINFALL at Thirish (Sawerby) Station No. 3427 41County of North Riding Observer Mrs. Minnie BrownRiver Basin Ouse - Gure - 2Type of Gauge Gladstone R.A. Standard (1916)Annual Average 24.7 in. based on 41 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 301629/34

Diameter	5"			0.55	6.63							
Height	1' 0"				1				1' 1"			
Altitude	110'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	2.42	2.51	3.50	1.74	3.93	2.26	2.62	5.01	.71	1.46	26.16	
February	3.90	1.89	.59	1.73	1.93	1.01	2.06	.98	.72	3.37	18.18	
March	2.01	1.33	.43	.68	.41	1.29	3.94	.78	.88	.89	12.70	
April	1.12	1.08	1.32	2.37	1.09	2.05	2.89	1.67	2.45	1.74	17.78	
May	1.19	2.65	2.59	1.16	2.56	2.87	2.19	.97	1.28	1.18	18.64	
June	.44	.70	1.61	3.03	3.11	2.18	2.44	5.50	.92	1.41	21.34	
July	1.50	3.18	.90	2.39	1.95	4.14	1.20	1.18	2.75	2.79	21.98	
August	2.96	2.98	3.13	3.61	5.03	4.19	.27	3.85	2.25	3.70	31.97	
September	.61	1.81	3.08	5.36	1.36	3.81	1.45	2.15	.55	2.95	23.13	
October	3.68	2.20	1.87	2.78	3.95	.73	.44	1.05	2.04	1.20	19.94	
November	2.94	.83	2.63	4.06	.42	4.00	1.57	.90	3.19	3.60	24.04	
December	.44	2.29	1.25	2.22	1.71	2.50	1.69	2.39	2.10	2.30	18.89	
TOTALS	23.21	23.51	22.90	31.13	27.45	31.03	22.76	26.33	19.84	26.59	254.75	

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.
1947.5			Thirish	1 3/4 m	NW	Sawerby		

BRITISH RAINFALL ORGANIZATION

Station No. 3427

51

RAINFALL at Thirsk (Lowerby)County of North Riding - YorksObserver Mrs. Muriel Brown.River Basin Pace - Chalk - 2Type of Gauge SnowdonAnnual Average 24.7 in. based on 41 years obs. un-weighted. Period of average 1881-1915 Ref. 5" " 26.80 " " 35 " " within 1916-57 " " 1916-50 File No. 301629/34

Diameter ...	5"										
Height ...	1'0"										
Altitude ...	110'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means (1941-60)
January ...	1.26	1.68	.61	1.96	1.54	3.76	1.48	1.87	2.75	4.28	21.19
February ...	3.04	.51	1.67	2.15	1.70	1.81	1.96	3.37	.44	1.95	18.60
March ...	2.55	1.73	.08	1.58	2.05	.78	1.46	1.80	1.24	1.07	14.34
April ...	1.01	1.35	2.32	.26	1.19	1.38	.28	.69	2.38	0.75	11.61
May ...	3.69	1.60	1.54	2.74	1.68	.42	1.21	3.46	.55	0.75	17.64
June ...	1.17	2.56	2.97	3.15	2.25	3.13	2.05	2.60	1.73	0.47	22.08
July ...	3.79	1.28	2.09	3.17	1.06	4.68	5.32	2.26	1.35	4.88	29.88
August ...	5.90	2.00	3.72	5.27	.89	8.28	4.52	1.83	.58	3.03	36.02
September ...	2.65	3.30	1.55	1.85	.86	2.20	2.79	2.16	.20	1.32	19.88
October ...	.96	3.30	2.59	3.95	1.81	1.29	1.96	1.92	1.38	5.21	24.37
November ...	5.87	1.38	2.40	3.67	2.31	1.02	1.04	1.02	3.55	4.21	26.47
December ...	2.33	1.48	1.31	2.03	2.28	1.79	2.26	2.08	3.15	2.93	21.64
TOTALS ...	34.22	22.17	22.85	31.78	19.62	30.54	26.33	25.06	19.30	31.95	263.72

1956 Small number of accumulations

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 44/433811

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
	✓ A. 10-11	✓	31.35 37-40	✓	
		✓ 1921-20-23	✓ 1924-23-34	✓	