

RAINFALL AT Thirsk Lowerby

70

Lat. Lon. County of Yorkshire N.E.R.
 Rain Gauge, by Observer C.M.C. Swarbeck

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.

S. Oswalds 158 yds N.N.W.

RAINFALL AT Thirsk

70

Lat.

Long.

County of Yorksire N.R.

Rain Gauge, by

Observer

A.C. Bamfitt Esq

Diameter.....										5
Height.....										1
Altitude.....										118
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879 MEANS.
January.....										80
February.....										2.78
March76
April										2.48
May.....										2.12
June										4.54
July.....										5.49
August										4.17
September.....										1.46
October.....										.75
November....										2.11
December89
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.

Long.

County of *York, N.R.*

Rain Gauge, by

Observer *C. M. Sowerby, Esq.**Ouse-Swale 2*

Diameter	5										
Height	1.0										
Altitude	105										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January20	.56	1.63	2.96	4.11	2.24	2.78	1.67	.50	.99	1.764
February	2.20	4.34	1.00	2.64	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	1.89	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	4.6	.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
August81	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	3.57	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. 82-Swards 158 yards N.N.W.

Viney 12 ft high 32 ft ENE.

RAINFALL AT Thirsk, Sowerby One Cottage

Lat. _____

Lon. _____

County of York, N.R.

Rain Gauge, by _____

Observer A. C. Bamlett, Esq.

One 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	.98	2.60	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	2.35	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	1.53	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	.69	2.277
December	4.12	3.40	3.93	1.67	1.75	1.05	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	1 0										
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
February84	.04	2.59	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
April82	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	3.020
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
December94	2.47	.87	2.57	1.24	1.69	3.02	1.73	1.41	2.36	1.820
TOTALS	24.89	24.93	29.03	23.32	23.87	27.07	21.47	21.30	19.31	22.82	23.801

1893 to Oswalds Ch 158 yards N.W. 1880-
 Tinting 12 ft high 32 ft E.N.E.

RAINFALL AT Thirsk Lowerby Rose Cottage
 Lat. _____ Lon. _____ County of York N.R.
 Rain Gauge, by _____ Observer a.C. Bamfitt Esq

One - Quale 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		
April83	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		
December37	.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. Swarbreck's figures used

RAINFALL AT Thirsk Sowerby

Lat.

Lon.

County of York N.R.

Rain Gauge, by

Observer C.M.S. Warbeck Esq.

Over sample - 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						2.64)
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					2.62)
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)						2560)

inches

1909 compiled from
Mount St John x1.20

1900 St Oswalds Church 158 yards N.W.

Vinery 12 ft high 32 pc E.N.E.

1905 Jan - Apr. no obs. Apr - Aug. & Sept at Carlton Minniott.

RAINFALL AT Hinck Lowesby

Lat.

Lon.

County of York N.R.

Rain Gauge, by

Observer A. C. Bramlett Esq.

ouse, swale - 2.

Diameter ..	5										
Height ..	1.10									6.0	
Altitude ..	118									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	3.58	.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 imp. & ap. &

1907 Not printed bad.

RAINFALL at Thirsk, Sowerby

County of N.R. Yorkshire

Observer

A.C. Bamfitt

River Basin Once-Scale 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									
March27	.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									

(Fig. Not printed. Prod.)

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

10 3427

RAINFALL at Thrusk Sowerby

County of N.R. Yorkshire

Observer Wm Brown Jr

River Basin One. Swale 2

8de. Snowdon Rain Gauge, by N+3

Diameter ...	5	5								
Height	10	10								
Altitude ...	115 m	100	110							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January	1.68	3.57	3.61	1.43	2.99	.45	3.15	2.44	3.02	
February	2.84	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		
April04	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	2.88		
September	1.96	1.22	1.40	1.08	2.14	.60	3.58	.95		
October	2.02	1.61	1.83	.82	2.82	2.56	1.92	4.88		
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	2475	29.12	36.26	

1912 Smaller bush 1 ft high 3 1/2 ft S
26

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
5/6-14.	1. 21.	Church		1/2 m	NW W	Sowerby	30+	200 yds 162.50 ft. N N

RAINFALL at Thirsk Sowerby (The Old House)

County of N. R. Yorkshire

Observer William Brown Esq. (late).

River Basin Ure-Swale 2

W. M. (Muriel) Brown (1925)

Snowdon Rain Gauge, by 22g.

Diameter ...	5"										
Height	10										
Altitude ...	110										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Average.
January ...	2.32	2.32	3.40	1.44	1.76	1.78	2.63	2.24	4.01	2.45	3.73
February87	1.0	2.10	4.79	1.97	3.20	1.39	1.31	1.45	.95	.93
March	1.69	.81	1.20	1.21	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 45° 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	Parish Church.	Distance from gauge	Direction
1920	54° 14'	1° 21'	Thirsk	1/2 mi	W	Sowerby	200 yds	N

RAINFALL at Thirsk (Sowerby)

County of North Riding,

Observer *Mrs. W. Brown.*

River Basin Ouse-Swale-2

Type of Gauge Standard.

Annual 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.										1.0	
Altitude	110.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Total	
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	15.36
April	3.83	1.97	.81	3.03	2.49	1.20	2.76	.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	1.44	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	23.60	(23.62)	26.33	32.94	(29.60)	27.44	28.08	30.28	25.71	282.41	

1933. March adjusted by surrounding stations.

1936. Record inaccurate, + not sent in.

↑
W.M.B. 3429Position 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
1931			Thirsk	1 3/4 m	W.	Sowerby.	150 yds.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3427

RAINFALL at Thresh (Sawmills)

41

County of North Riding Observer Mrs Muriel Brown

River Basin Ouse - 2

Type of Gauge ~~Gauge~~ R.A.S. Standard (1916)

Annual Average 24.7 in. based on 41 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 301629/34

Diameter	5"		0.55	663							
Height	1' 0"			1					1' 1"		
Altitude	110'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
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	1.39	.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, 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
1947.5			Thresh	1 $\frac{3}{4}$ miles	NW	Sawmills	

Station No. 3427

51

RAINFALL at Thirsk (Lowerby)

County of North Riding - Yorks.

Observer Mrs. Marjorie Brown.

River Basin Ure - Swale - 2

Type of Gauge Snowdon

Annual Average 24.7 in. based on 41 years obs. the weighted. Period of average 1881-1915 Ref. 5
 " 26.80 " 35 " within 1916-50 " 1916-50 " 3
 File No. 301629/34

Diameter ...	5"		055	663							
Height ...	1' 0"				1	551090					
Altitude ...	110'				37	1' 8"					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means 7.47810
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	1.40	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	1.98	.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	19.64
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 ...	3.65	3.30	1.65	1.85	.86	2.20	2.79	2.16	.20	2.32	19.88
October96	3.30	2.59	3.95	1.81	1.29	1.96	1.92	1.38	5.21	24.37
November ...	5.87	1.36	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	26.53	25.06	19.30	31.85	263.72
	D	D	D	D	d	d	d	d	d	d	

1956 Small number of accumulations

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference H44/433811

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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 -	✓ /b1-20-23	31-35 37-40 ✓b1-20-23 ✓b1-20-23	✓ ✓	