

# RAINFALL AT *Thurs. Bolly*

Lat. .... Lon. .... County of *York N.R.*  
*at Snodden Hill Rain Gauge, by James Smith Esq. Observer. A. J. Walker Esq.*  
*Orise, Grade - 2.*

Diameter ..					5						
Height ....					67						
Altitude ..					495						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					1.69	.46	2.96	.61	1.24	.48	
February ..					1.95	1.20	1.65	1.52	1.48	.86	
March ....					1.39	1.88	2.09	.98	3.67	3.81	
April .....					1.36	2.70	1.51	2.48	3.24	2.43	
May .....					3.55	.95	3.16	3.30	1.32	1.22	
June .....					1.17	1.38	1.50	3.66	.27	2.31	
July .....					1.41	1.31	1.43	1.54	3.55	2.88	
August ....					3.02	2.80	2.52	2.09	1.66	3.61	
September..					1.47	2.42	.67	.78	1.85	2.08	
October....					.51	2.26	5.55	4.49	1.01	2.97	
November..					1.63	4.69	2.81	2.32	1.77	.87	
December ..					1.42	.29	2.45	3.23	1.53	3.93	
TOTALS ..					20.57	22.34	28.30	27.29	22.59	27.45	

*Holy Trinity Bolly 220 yards N 80° W*  
*Thurs. Station 6 miles S 50° W*  
 1906 Gauge badly placed near back door of a cottage in Bolly  
 from some 20' N of it to some 30' S of it is fairly open but on the  
 other side more or less surrounded by buildings - not examined  
 every day.

055 743 3434 10

RAINFALL at Thirsk Booby { Clipp Head No 1  
Village End } 713  
 County of N.R. Yorkshire Observer A. J. Walker

River Basin Guse - Swale 2

Gal Snider Rain Gauge, by N 43 2662

M

Diameter ...	5			5							
Height .....	4.7			1.0							
Altitude ...	773 ft			480					460		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.13	1.27		3.72	1.65	4.39	.46	2.31	2.42	3.79	898
February ...	1.96	.31	4.12	1.06	2.00	4.17	3.35	.87	2.06	1.57	765
March .....	.44	1.12	3.08	2.72	2.47	1.62	3.50	2.30	1.37	3.59	1126
April .....	2.23	.53	.00	3.44	.52	1.24	1.20	2.00	1.62	2.01	683
May .....	1.76	.55	2.09	1.71	1.33	1.33	2.17	.86	2.92	.80	675
June .....	1.52	3.70	5.03	1.22	2.03	.32	2.67	2.17	1.04	1.52	740
July .....	2.42	.13	4.05	.73	5.06	4.20	2.26	1.37	3.83	2.89	1035
August .....	2.82	2.35	2.89	.99	1.70	3.69	2.07	8.33	2.32	2.45	1517
September ..	.29	2.29	2.04	1.19	1.49	.98	2.27	.84	5.84	1.50	1045
October ...	2.65	2.08	2.46	2.50	2.19	(1.00)	3.97	3.50	1.77	5.83	1507
November ..	3.14	4.00	2.89	2.34	3.02	2.36	3.76	2.20	1.73	3.43	1112
December ...	3.07	3.85	.95	1.80	5.86	5.74	2.31	1.90	3.99	3.69	1189
TOTALS ...	23.43	22.18	29.68	23.43	29.90	31.04	29.99	(29.15)	30.91	32.87	12292

1912 Aug f tampered with - Not printed  
 Show Hall 43 ft high 42 ft E  
 " " 4 1/2 " " 60 " NE

lost of this etc.

1913 f moved in Jan. - rather to near the house.

1913 Botby - East; Placed in an unsatisfactory position in a cottage garden - too close to cottage but it has not been possible to find a better position.

1915 Oct. etc.  
 1917 Oct re unreliable tampered with -

1918 g. moved to another part of village. Alder 32 ft. 33 ft. SW by W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54° 16'	1° 14' W	Thirsk N.E.R.	6 1/2 mi	SW by W S 58° W	H. Trinity Botby	480 yds 370 -	S 49° W N 63° W

# RAINFALL at

Thirsk Bally

moved from E. end 10  
(Village Wind), 1913

County of N.B. Yorkshire

Observer

A. J. Walker Esq

River Basin Ouse - Swale 2

John Innes Rain Gauge, by  
1864 glass cent. by GJS

NR

Diameter ...	5										
Height .....	6 7			1 0							
Altitude ...	495 ft			484	483						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.39	1.78	3.09	2.94	1.60	4.32					
February ...	3.22	.99	1.82	1.02	1.83	3.90					
March .....	.80	1.78	2.96	2.43	2.24	1.50					
April .....	2.26	1.39	.10	3.41	.57	1.18					
May .....	2.09	1.38	2.16	1.90	1.92	1.30					
June .....	1.52	2.05	5.00	1.38	1.83	.39					
July .....	2.69	.70	3.94	.60	5.34	4.32					
August .....	3.25	2.76	5.10	1.06	1.65	3.73					
September ..	.45	2.59	1.98	1.20	1.38	.85					
October ...	2.77	2.03	2.38	2.35	2.15	(1.00)					
November ..	3.07	3.97	3.35	2.22	3.11	1.89					
December ...	2.93	3.31	1.16	1.84	5.45	5.37					
TOTALS ...	27.44	24.73	33.04	23.38	29.07	(29.75)	NR				

1912 This G. is badly placed near a cottage in the village. From some 20° N. to some 20° S. and it is partly open but is surrounded by buildings on the other sides

1913 Gang gauge moved to the W. of the village, is not well placed but no better available

1914 Bally - West: In unsatisfactory position in a garden. Beech tree growing up to S.E. and good many bushes rather too near. About Oct. found funnel leaking - had it repaired and a longer pipe fitted & put back same day.

1915 Oct. est.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54° 16' N	1.15 W	Thirsk N.E.R.	6 mi 5 3/4 m	SS 7° W true SS 6° W	St. Trinity, Bally	170 yds 210 yds	N 80° W true S 67° E



RAINFALL at Bolby EastCounty of N. R. YorkshireObserver J. Walker EsqRiver Basin Guse-Swale 2Sal. fe Snowdon Rain Gauge, by N. J.

Diameter ...	5"											
Height .....	1 0											
Altitude ...	460											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean	
January ...	3.44	2.70	4.18	1.80	2.10	2.12	2.97	2.64	4.48	3.27	4.67	3437
February ...	.92	.24	2.39	5.44	1.80	4.38	1.70	1.57	1.56	1.24	1.76	2300
March .....	2.40	1.06	2.09	1.76	1.23	1.80	.86	2.87	3.02	.28	3.32	2069
April .....	3.64	1.35	2.25	1.80	2.00	2.98	.78	1.92	1.15	1.58	4.79	2428
May .....	2.30	1.62	.77	2.83	4.75	3.21	3.29	1.88	1.34	1.26	1.38	2559
June .....	1.97	.30	2.07	.84	1.83	.12	4.55	3.50	3.60	1.86	1.99	2263
July .....	5.47	1.14	4.66	2.86	2.60	1.94	2.57	4.56	.75	1.96	6.84	3535
August .....	2.71	4.06	2.66	3.72	3.00	2.70	2.74	6.09	5.66	3.29	3.39	4002
September...	1.33	1.28	2.58	2.76	2.57	3.20	(1.73)	6.58	.53	.75	5.67	2898
October .....	2.41	1.65	1.28	2.94	4.50	3.03	3.42	2.67	3.90	2.93	2.56	3129
November...	1.19	2.27	1.82	3.72	1.68	2.95	5.96	3.48	2.64	3.54	4.03	3328
December...	4.03	2.28	4.22	3.37	3.65	3.15	1.29	2.35	1.92	5.13	3.14	3453
TOTALS...	31.81	20.29	30.97	33.90	31.71	31.58	31.86	40.11	30.55	27.69	43.54	35201

1920 Alder 32 ft high 38 ft SW by W

1921 gauge read at 7 pm. Jan. 1. or D. S. T.

1922. Position "not first-rate".

1926. Sept. estimated.

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	54° 16' 1/4"	1° 14' 1/2"	Phinck	6 mi	S 58° W	St. Felix	17 1/8 mi	S 51° W

RAINFALL at Bolby, East,County of North RidingObserver A. J. Walker, Esq.,River Basin Durham - Swale - 2Type of Gauge SnowdonAnnual Average 26.2 in. based on 22 years obs. un-weighted. Period of average 1891-1915 Ref. 5

663813/26

Diameter	5.											
Height	1.0		1'0"									
Altitude	460			459								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean	Total
January	2.61	1.72	2.08	2.12	2.94	4.50	3.98	3.21	5.42	2.11		3069
February	1.84	1.12	4.70	1.36	3.44	2.81	4.42	2.10	2.00	1.52		2531
March	1.45	2.44	2.09	3.40	.95	2.58	3.35	.29	2.98	2.23		2776
April	4.55	1.36	1.47	2.89	3.17	1.77	2.71	.30	1.23	1.52		2697
May	3.12	5.27	2.24	1.03	1.52	1.36	2.80	3.69	1.88	1.40		2431
June	4.38	1.05	1.79	1.48	3.20	3.65	1.32	2.28	2.56	.53		2724
July	3.75	6.00	2.21	3.94	.64	4.56	1.37	3.08	3.90	6.62		3669
August	3.56	1.80	.46	2.66	3.05	2.92	1.80	2.82	2.25	1.34		2266
September	5.06	2.44	1.68	1.82	4.52	2.78	1.26	3.00	2.61	1.66		2683
October	1.51	3.88	4.61	3.07	3.49	1.66	2.38	3.94	4.54	3.33		3241
November	4.96	1.81	4.57	2.40	5.60	3.50	2.98	3.40	2.52	4.02		3576
December	1.45	1.21	1.15	5.80	3.10	2.00	5.45	(4.50)	1.99	2.55		2972
TOTALS	38.24	30.10	29.05	31.97	35.62	34.09	33.82	32.61	33.88	28.83	M	32821

1931. Alder 32' high 33' SW by W.

1934. 460' is height of rim of rain gauge above sea level.

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
1931			Thirsk	6 mls	S 58° W	Felixkirk	1 7/8 mls	S 51° W
1934						Bolby	3 3/4 mls	N 62° W

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

Station No. 3434RAINFALL at Boltby, East

41

County of North RidingObserver A. J. Walker Esq.River Basin Aw - Swale - 2Type of Gauge StandardAnnual Average 24.2 in. based on 27 years obs. un-weighted. Period of average 1881-1915. Ref. SFile No. 6688.13/6

Diameter	5"			055	743							
Height	1' 0"				1							
Altitude	455'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.29	3.36	4.28	2.11	4.17	2.09	3.26	7.02	1.40	1.68	3.266	
February	4.94	1.47	.78	2.15	2.00	.97	3.22	1.19	.75	3.65	2.112	
March	2.21	1.94	.35	.74	.42	1.25	4.48	1.26	1.68	1.12	1545	
April	1.94	1.07	1.45	2.40	1.72	2.15	2.36	1.54	2.52	2.13	1978	
May	1.61	2.64	2.94	1.23	2.24	2.23	2.42	1.22	1.41	1.05	1899	
June	.83	.92	1.58	3.14	3.39	2.83	2.47	6.33	.86	2.22	2467	
July	1.88	4.55	.79	3.17	1.84	3.83	2.02	1.52	1.96	3.96	2552	
August	4.03	3.36	3.86	3.32	4.85	4.60	.19	3.38	2.87	5.43	3589	
September	.74	1.89	3.65	5.44	1.84	3.43	1.79	1.80	.52	3.68	2478	
October	3.67	2.59	1.85	3.38	2.68	.73	.53	1.29	(2.50)	1.24	2066	
November	3.76	.92	3.92	4.48	.51	5.33	2.29	.67	3.96	(5.00)	3083	
December	.58	2.40	1.40	2.08	1.94	3.45	2.28	2.76	2.80	3.38	2307	
TOTALS	29.64 M	27.11 M	26.85 M	33.64 M	27.60 M	32.89 M	27.81 M	29.98 M	23.23 M	24.64	29342	

1941 Older 32" high 33 S.W. by W.

There seems no reason why the 1949 record should be n.p.

1950 Nov. estimated.

00044

Dr some less consistently higher than 3434

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			Thirsk LNER.	bmcs.	558°W.	Boltby (Holy Trinity)	373 yds.	N 62° W

BRITISH RAINFALL ORGANIZATION



Station No. 3434

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RAINFALL at Bolby, EastCounty of North Riding - YorksObserver P. J. Walker Esq.River Basin Ure - Swale - 2Type of Gauge SnowdonAnnual Average 24.2 in. based on 22 years obs. on weighted. Period of average 1881-1915 Ref. S  
31.39 " " 35 " " 1916-1950 196-1950File No. 6688/3/26

Diameter ...	5"										
Height ...	1'0"										
Altitude ...	460'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.38	2.36	.98	1.78	1.25	4.70	1.61	3.21	2.44	4.12	24.83
February ...	3.35	.81	1.51	2.98	2.50	2.35	2.80	4.02	.66	2.81	23.79
March ...	3.21	2.11	.10	1.96	2.17	(.65)	1.62	3.05	1.17	1.47	17.51
April ...	1.47	1.61	2.91	.26	1.86	1.64	.83	1.32	3.05	0.99	15.94
May ...	4.87	1.92	2.50	3.31	2.50	.67	1.31	3.61	.64	1.20	22.53
June ...	1.32	2.48	3.91	3.42	3.17	4.38	1.98	3.29	1.87	2.07	26.49
July ...	2.72	1.76	3.76	3.20	1.32	5.19	4.71	3.45	1.48	6.45	34.04
August ...	6.17	2.56	4.60	6.47	.86	8.30	5.86	5.24	.32	3.15	43.53
September ...	2.48	4.53	1.88	2.25	1.41	2.44	3.72	3.52	.30	3.23	25.76
October ...	1.67	4.33	2.13	5.83	1.87	1.74	2.27	2.00	1.98	7.95	31.77
November ...	6.78	2.50	(2.50)	5.61	2.15	1.64	1.83	1.10	5.15	4.54	33.80
December ...	2.52	1.90	(1.25)	2.86	2.76	2.78	2.29	3.42	4.98	3.68	28.44
TOTALS ...	38.94	28.87	(28.03)	39.93	23.82	36.48	30.83	37.23	24.04	40.26	328.43.

1951 Area 32' high 33' SW by W  
1956 March 1st No 36 Obs not recorded.

10004

00037

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 44/491866

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			<u>Wharfedale</u>	6m. <u>358°W</u>	<u>Bolby</u>	373 <u>N62°W</u>

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	<u>1910-16, 18-19</u>	<u>✓</u>	<u>✓</u>	<u>✓ np 49</u>	