

RAINFALL at Thurst ShulbyCounty of N.B. YorkshireObserver A. J. WalkerRiver Basin Once Swale 2Rain Gauge, by N+3

Diameter ...				5							
Height				10							
Altitude ...				339							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				2.92	1.47	4.03	.45	4.18	2.38	3.75	
February ...				1.00	1.85	3.75	3.14	.87	2.10	1.06	
March				(2.47)	2.20	1.37	3.00	2.80	1.26	3.23	
April				3.23	.76	1.17	1.18	2.35	1.40	1.91	
May				1.68	1.52	1.29	2.26	.99	3.00	.81	
June				2.00	2.18	.25	2.42	1.48	1.21	1.40	
July73	4.78	4.30	2.40	1.38	3.30	2.82	
August91	.85	3.25	1.95	7.90	2.25	2.32	
September ..				1.27	1.36	.74	2.27	.67	3.29	1.42	
October ...				2.22	2.08	.94	3.20	3.35	1.76	5.66	
November ..				2.13	3.00	2.20	3.12	2.30	1.69	2.73	
December...				2.16	5.53	5.12	2.10	2.03	3.72	3.40	
TOTALS ...				(22.82)	27.58	28.41	27.59	30.30	29.56	30.51	

1913 No rain recorded until 1st
 from 1st found that been tampered with on the 10th was emptied 2.17 in it at end of month 2.47 = 2.17 + 30 the
 1.30 being from Mount St John Gauge.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	54° 15'	1° 15' W	Thurst	5 m	S 72° W	St Philip & Elizabeth	1 1/2 m	N 78° W

RAINFALL at Helisirk ThirbyCounty of N. R. YorkshireObserver A. J. Walker Esq.River Basin Guse-Swale 2Gale fine Snowdon Rain Gauge, by N. J.

M.

Diameter ...	5										
Height	1	0									
Altitude ...	339										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	3.60	2.47	3.51	1.75	2.16	1.92	2.65	2.48	4.35	2.95	4.30
February ...	90	2.2	2.14	4.40	2.09	3.80	1.57	1.36	1.38	1.16	1.56
March	2.40	1.09	1.75	1.60	1.33	1.58	.87	2.50	2.39	.25	2.95
April	3.06	1.32	2.37	1.55	2.21	2.92	.80	1.60	1.16	1.25	4.19
May	2.36	1.92	.71	2.68	4.97	3.60	2.50	1.75	1.38	1.86	1.35
June	3.05	.32	2.05	.70	2.41	.08	3.70	3.25	3.78	1.68	2.30
July	3.83	1.30	4.75	3.25	3.57	1.99	2.18	4.44	.59	2.03	5.88
August	2.76	3.88	2.75	3.60	3.69	2.56	3.35	5.82	5.12	3.03	2.90
September...	1.29	1.72	2.28	2.70	2.65	3.20	1.77	5.55	37	70	4.50
October	2.75	1.40	1.30	2.80	4.66	2.83	3.00	2.35	3.38	2.90	2.40
November...	1.25	2.10	1.45	3.35	1.80	2.83	5.20	3.07	2.40	3.55	3.50
December...	3.86	2.25	4.10	3.08	3.76	2.82	1.06	2.05	1.85	4.80	2.60
TOTALS...	31.11	19.99	29.16	31.51	35.30	30.14	28.65	36.22	23.15	26.16	38.43

Read on 1st of each month, but seldom at 9.4.7. S.M.T. - usually some 2 or 3 hours or more earlier -

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	54° 15'	1° 15' 1/4	Thirby	5 mi	S 72° W	Helisirk St. John	1 1/4 mi	N 78° W

RAINFALL at Felixkirk (Thirlby)County of North Riding Observer A. J. Walker, Esq.River Basin Ouse-Swale-2Type of Gauge SnowdonAnnual Average 27 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. S

668813/26

Diameter	5.		7									
Height	1.0.											
Altitude	339 ⁸			338								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	2.40	1.65	1.97	2.05	3.00	3.60	3.00	2.63	4.75	1.25	26.30	
February	1.72	.76	4.50	1.41	3.20	3.00	4.30	2.62	1.78	1.25	24.52	
March	1.40	2.13	1.76	2.70	.89	2.00	2.80	.26	2.56	2.05	18.55	
April	4.03	1.22	1.47	2.50	3.03	1.60	2.35	.25	.96	1.53	18.94	
May	3.00	4.75	2.23	.86	1.45	1.35	2.75	3.51	1.53	1.30	22.73	
June	4.75	1.05	1.53	1.20	3.20	3.61	1.40	2.00	2.21	.57	21.52	
July	3.58	7.34	2.12	2.65	1.00	4.25	1.36	2.84	4.06	6.17	35.37	
August	3.30	1.65	.44	2.58	2.95	3.25	1.57	2.38	2.00	1.23	21.35	
September	4.10	2.35	1.40	2.00	4.50	2.50	1.14	2.65	2.10	1.63	24.37	
October	1.35	3.40	4.30	2.68	3.60	1.50	2.20	3.75	3.72	3.21	29.71	
November	4.63	1.75	4.07	2.00	5.50	3.00	2.70	3.30	2.20	3.55	32.70	
December	1.45	1.08	.97	5.09	2.60	1.83	5.00	4.40	1.63	2.40	26.45	
TOTALS	35.71	29.13	26.76	27.72	34.92	31.49	30.57	30.59	29.50	26.14	302.53	

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			Thirsk	5 mls	S72°W	Felixkirk	1 1/4 mls	N78°W

Station No. 3430

RAINFALL at Felsham (Thirby)

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County of North Riding Observer A. J. WALKER Esq.River Basin Don - Swale - 2Type of Gauge SnowdonAnnual Average 27.1 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 6688.13/26

Diameter	5"			055	799			5"			
Height	1' 0"				1			1' 0"			
Altitude	338'				41			315'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	2.36	2.65	3.30	1.95	4.09	1.92	(2.56)	6.23	.97	1.48	27.51
February	4.26	1.35	.75	2.07	2.07	1.04	(1.87)	.90	.71	3.46	18.58
March	2.26	1.35	.40	.75	.42	1.19	(4.32)	.97	1.68	1.05	14.39
April	1.95	.98	1.43	1.87	1.48	2.07	2.88	1.51	2.55	2.10	18.82
May	1.63	2.53	2.63	1.05	(2.44)	2.14	2.24	1.02	1.36	1.02	18.06
June	1.08	.65	1.28	2.96	3.11	2.69	2.21	5.56	.85	2.32	22.71
July	2.03	3.65	.80	3.24	1.75	3.57	1.42	1.31	1.90	4.35	24.02
August	3.70	3.45	3.55	3.40	4.26	3.57	.12	3.14	2.31	5.64	33.44
September	.65	1.75	3.10	5.08	1.42	3.40	1.53	1.61	.48	3.35	22.37
October	3.50	2.77	1.81	2.97	2.58	.62	.57	1.17	2.30	1.28	19.57
November	3.00	.75	3.58	4.13	.46	4.6	1.95	.64	3.60	4.64	27.21
December	.56	2.30	1.25	2.00	1.75	2.89	1.88	2.50	2.32	3.47	20.92
TOTALS	27.08 (M)	24.18 (M)	23.88 (H)	31.47 (M)	25.83 (X)	27.26 (M)	23.55 (M)	26.56 (M)	21.03 (M)	34.16 (M)	267.60

1947. Jan. Feb. max. rain catch for snow

1948 g. moved due to interference by water in Sept. details not mentioned.

1948 g. moved in November 53 yards north, 85 feet west.

1948. height of gauge determined by leveling - 315 feet.

1950 no high beach 20' N. fence (4 rail) 20' N.S. Road.

M. Walker thinks gauge sensitive owing well vegetate. suggests if it continuously fails but unit

02004

70004

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			Thurk L.N.E.R	5 m.	S 72° W	Felkese (St. Felix)	1 1/4 m.	N 78° W

BRITISH RAINFALL ORGANIZATION

Station No. 3430RAINFALL at Felixkirk (Thirby)

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County of North Riding - Yorks.

Observer

R. J. Walker, Esq.River Basin Ure - Chalk - 2Type of Gauge Snowdon.Annual Average 27.1 in. based on 14 years obs. in-weighted. Period of average 1881-1915 Ref. S
" " 29.27 " 8 " within 1949-57 " 1916-50 File No. 668813/26

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	315'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	1.99	1.84	.95	2.20	1.65	4.38	1.50	2.76	2.65	4.97	24.89
February ...	3.14	.74	1.85	2.42	2.39	2.20	2.54	3.87	.60	2.38	22.13
March ...	3.10	1.92	.02	1.79	2.00	.60	1.51	2.75	1.21	1.10	16.00
April ...	1.30	1.42	2.72	.23	1.49	1.32	.56	1.03	2.32	0.78	13.17
May ...	4.72	1.73	2.09	2.85	2.60	.57	1.50	3.41	.41	0.97	20.85
June ...	1.31	1.80	3.38	3.00	2.58	4.13	2.15	2.78	1.90	0.53	23.56
July ...	2.93	1.67	3.23	2.95	1.26	4.92	4.35	3.03	1.33	5.81	31.48
August ...	(5.65)	2.23	3.74	5.55	.83	8.12	5.30	4.44	.21	2.93	39.00
September ...	2.29	4.03	1.69	2.02	1.60	2.40	3.58	3.03	.26	3.07	23.97
October ...	1.57	3.64	1.93	4.19	1.64	1.57	2.09	1.88	1.62	7.32	27.45
November ...	6.09	1.93	2.61	5.17	2.54	1.37	1.68	.91	4.47	3.94	30.71
December ...	2.63	1.71	1.31	2.50	2.67	2.31	2.24	3.21	3.76	3.24	25.58
TOTALS ...	36.72	24.66	25.52	34.87	23.25	33.89	29.00	33.10	20.74	37.04	298.79
	M	M	X					X		M	

1954 3 in middle of garden about 40 ft S.W. side of rail fence on 3.5 acre grassland on rt. hand of road.
 1956 g is roughly in middle of a square garden joined by a rail fence. The garden is surrounded by a flat grass field on the S.E. & W.,
 but on the N the ground slopes upwards and an orchard adjoins the garden. The form on which the measurements of the
 last year were estimated has been mislaid.

00204

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

44/490840

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Whitby	5 1/4 m S 76° W.	Felixkirk	W 2 m. N 72° W

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	e 1913	✓	✓	✓ n p 50	