

RAINFALL AT Thruik Mount St John

Lat.

Long.

County of

York N.B.

Upper Prospect Hallmill Rain Gauge, by Halloway
with Rods at Chamber
Snowdon one, swale - 2.

Observer

D. J. Halken Esq.

Diameter ..						5					
Height ..						17					
Altitude ..						535					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..						.39	2.68	.56	1.08	.54	
February ..						1.03	1.64	1.55	2.09	.78	
March ..						1.91	2.08	.87	2.44	3.65	
April ..						2.60	1.12	2.30	3.15	2.09	
May ..						1.20	2.85	3.06	1.43	1.05	
June ..						1.35	1.40	3.47	.34	2.67	
July ..						1.34	1.53	1.61	3.91	2.71	
August ..						2.71	2.36	2.00	1.85	3.49	
September ..						2.79	.49	.80	2.49	2.26	
October ..						1.94	4.91	4.14	1.07	2.91	
November ..						4.44	2.58	2.45	1.71	.85	
December ..						.30	2.57	2.96	1.41	3.93	
TOTALS ..						22.00	26.21	25.77	22.97	26.93	

1905 Felsham Church

730 yards S by W

Station

4 1/2 miles S 65° W

Hedge

5' 6" high

13 ft

N

Apple Tree

10 o

22 1/2

E

Observatory

12.6

42

from W 52° S

RAINFALL AT Thruik Mount St John

Lat.

Lon.

County of

N.Y. York

Copper Mountain Rain Gauge, by Camp of No^o 3 Observer A. J. Walker Esq
 " Snow Gauge IV + 3
 one, swale 2

Diameter ..	5									
Height	1.0									
Altitude ..	523 ft									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
January ..		1.13	.81	2.22	2.03	.45	2.80	.60	1.28	.59
February ..		2.37	1.70	1.25	2.16	1.08	1.53	1.51	2.00	.81
March		1.60	.75	2.37	1.58	1.95	2.18	.93	2.75	4.23
April		1.91	1.63	1.70	1.57	2.58	1.16	2.29	3.15	2.04
May		1.17	2.29	3.10	3.63	1.22	2.93	3.06	1.46	1.18
June		1.66	1.92	1.90	1.22	1.42	1.49	3.42	.39	2.85
July		1.11	2.54	4.01	1.71	1.41	1.57	1.61	3.94	2.76
August		1.65	2.49	2.76	3.20	2.54	2.86	2.08	1.73	3.53
September ..		1.23	.54	3.51	1.62	2.79	.47	.75	2.45	2.26
October		2.43	2.61	7.16	.61	1.96	4.95	4.24	1.12	2.69
November ..		3.98	1.27	2.16	2.54	4.17	2.68	2.54	1.55	.82
December ..		3.88	2.12	1.00	2.20	.31	2.58	2.97	1.31	3.60
TOTALS ..		24.12	20.67	33.14	24.07	21.88	26.70	26.00	23.13	27.26

D D D D D

1901 St Felix Felicite Ch 630 yards W

Trees 67 ft high 70 ft S

11 - 33 - N

33657 - 846110 ft N

Thruik Station 4 1/2 Miles 5 66° W

1909 Note The amount of Rain collected seems markedly to be affected to a considerable extent by certain winds S E & S

RAINFALL AT Thruk Mount St John

Lat.

Lon.

County of

York N.R.

Cap Brandon Rain Gauge, by Met 26220
26221 P Observer A. J. Walker Esq
One, Scale - 2.

Diameter ...											5
Height											1.10
Altitude ...											542
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January59
February77
March											3.66
April											2.12
May99
June.....											2.63
July											2.78
August.....											3.47
September ..											2.27
October ...											2.93
November ..											.82
December...											3.86
TOTALS ...											26.89

St Felix Felwick Church 710 yards S 86° W
 Thruk Station 4½ miles S 65° W
 Holly hedge 15 ft high 54 92 5
 Wall 9.. " 60 . N
 Holly hedge 13.. . 84 . F
 Beech tree 37.. . 90 . S 82° W

RAINFALL AT Thruik Mount St. John

Lat. Lon. County of York N.Y.

Copper marker M+3 Rain Gauge, by No. 2622. Observer A. J. Walker Esq.
owner, house - 2 - Next of M. C. Smucker - Caniste

Diameter ..					5					5	
Height ..					110					10	
Altitude ..					542					523	↑
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					2.15	.38	2.73	.63	1.20	.59	
February ..					2.19	1.03	1.66	1.50	1.96	.79	
March ..					1.52	1.94	2.07	.93	2.76	4.24	
April ..					1.61	2.57	1.11	2.29	3.13	1.93	
May ..					3.57	1.12	2.92	3.06	1.84	1.03	
June ..					1.16	1.26	1.34	3.42	.25	2.75	
July ..					1.58	1.23	1.47	1.61	3.79	2.74	
August ..					3.22	2.63	2.36	2.08	1.67	3.38	
September ..					1.61	2.72	.47	.75	2.44	2.15	
October ..					.58	1.97	5.09	4.24	1.06	2.69	
November ..					2.26	4.40	2.60	2.54	1.56	.81	
December ..					2.26	.31	2.29	2.97	1.23	3.57	
TOTALS ..					23.71	21.56	(26.11)	26.02	22.39	26.67	

1904 Nov Snow not melted in gauge

St. Felicien Church Obnuch 710 yards S 86° W

Thruik Station 4 1/2 miles S 60° W

1905 Holly Hedge 15 ft high 54 ft W

Wall 9 - 60 - N

Holly hedge 13 - 84 - E

Bush . 27 - 90 . 532 W

Ground slopes gently upward towards N & fall gently towards S

1907 This gauge is placed quite close to the No 3 snow gauge which
is read daily & was itself read daily till the end of 1907

RAINFALL AT Thruks Mount St John

Lat.

Lon.

County of

York N.P.

Landslip with Back Rain Gauge, by
G. S. Snodgrass (1907) No. 3 2622a
base, buried - 2.

Observer

A. J. Walkerby

Diameter ..						4.75					
Height ..						1 9					
Altitude ..						542					
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..									.61	1.08	.59
February ..									1.45	1.96	.79
March ..									.79	2.81	3.80
April ..						2.67	2.32	3.19	2.20		
May ..						1.21	3.10	1.40	1.23		
June ..						1.46	3.46	.24	2.80		
July ..						1.38	1.61	3.92	2.89		
August ..						2.75	2.06	1.84	3.58		
September ..						2.91	.75	2.56	2.36		
October ..						2.03	4.15	1.09	2.99		
November ..						4.64	2.50	1.61	.89		
December ..						.31	3.02	1.36	3.95		
TOTALS ..							25.82	23.06	28.07		

1905 Felsham Church 711 yards S 86° W

Thruks Station 4 1/2 miles S 65° W

Hollyhedge 15 ft high 55 ft N

13 - . 83 - E

Wall 9 - . 60 - N

Bush Tree 37 - . 91 - S 32° W

The gauge is placed just to the Eastward of the Hallwell Station
 Recording gauge was fixed about end of 1905

RAINFALL at Thrusk Mount St. John

County of N.R. Yorkshire

Observer A.J.W. Walker Esq

River Basin River Swale 2

Snowdon Rain Gauge, by Hallwell 0.12
Snowmelt glass cut.

Weekly + 1 month

Diameter ...	5										
Height	1.7										
Altitude ...	535 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.67	1.66	3.12	2.66							
February ...	2.58	.87	1.92	.98							
March69	1.76	3.11	2.27							
April	1.66	1.33	.11	3.20							
May	1.96	.86	2.37	1.63							
June	1.55	3.27	5.93	1.85							
July	2.57	.65	3.97	.49							
August	3.69	2.81	4.95	.96							
September ..	.24	2.52	1.99	1.33							
October ...	2.65	2.14	2.41	2.22							
November ..	3.06	3.89	3.14	2.17							
December ...	2.68	4.17	1.00	1.97							
TOTALS ...	26.00	25.93	34.02	21.73							

1912 Hedge 5½ ft high 10 ft N
apple tree 10 ft 23 E
9½ " " 7 " 47 S
chestnut 12½ ft 60 " 45 W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54° 15' 20" N	6° 5' 30" W	Thrusk N.E.R.	4½ mi	S 65° W true	St. Peter's Felixstowe	709 yds	S 67° W true

RAINFALL at Thirk Mount St John

County of N.R. Yorkshire

Observer A. J. Walkerby

River Basin Ouse-Swale 2

Copper bowl gauge Rain Gauge, by N+3
canister glass end.

Diameter ...	5											
Height	10											
Altitude ...	520 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.63	1.76	3.21	2.61	1.49	3.48	.35	4.19	2.23	3.56	2.631	
February ...	2.05	.88	1.99	.90	1.35	2.82	3.03	.76	1.97	1.06	1.681	
March64	1.87	2.53	2.09	1.65	1.39	3.10	2.86	1.20	2.77		
April	1.68	1.41	.09	3.03	.47	1.13	1.06	1.85	1.50	1.85		
May	2.05	.88	2.46	1.61	1.57	1.28	2.32	.96	2.48	.86		
June	1.60	3.35	5.97	1.94	1.83	.27	2.49	1.73	1.13	1.38		
July	2.56	.76	3.92	.56	4.38	4.05	2.35	1.24	3.41	2.73		
August	3.38	2.87	4.73	.92	1.52	2.94	1.91	6.66	2.25	2.19		
September ..	.19	2.41	1.97	1.29	1.29	.80	2.24	.60	5.19	1.26		
October ...	2.59	2.01	2.30	2.20	1.96	1.00	2.96	2.99	1.74	5.49		
November ..	2.92	3.91	3.11	1.95	2.54	2.18	2.52	1.93	1.53	2.76		
December ...	2.58	3.28	.90	1.86	4.61	4.71	1.92	1.96	3.50	2.79		
TOTALS ...	25.87	25.39	33.48	20.97	24.66	26.05	26.25	27.73	28.13	28.50	26.703	
	>	>	>	>	>	>	>	>	>	>		

1911 Dec. catch considerably affected by strong S. winds

1912 Dec. 67 ft high 7.92 S 68° W
 Wind " 33. N 19° W
 " 84. N 25° E
 " 110. N 61° E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54° 15' N	1.16.156	Thirk NER	4.2 mi	S 65° W true	Waller Telegraph	630 yds	W. true

055812

10 3432

RAINFALL at Thirsk Mount St John

County of N.R. Yorkshire

Observer

A. J. Walker Esq.

River Basin Ouse-Swale 2

~~Open~~ Rain Gauge, by N+3
glass etc.

Diameter ...	5												1910-19 MEANS TOTALS
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919			
January ...	2.89	1.64	3.22	2.89	1.51	3.60	.42	3.68	2.30	3.59	9.99		
February ...	2.57	.93	1.99	1.05	1.64	3.34	2.96	.80	2.03	1.06	6.85		
March71	1.86	3.14	2.45	1.88	1.36	2.75	2.95	1.23	2.89	9.80		
April	1.70	1.39	.10	3.08	.58	1.19	1.10	1.73	1.49	1.84	6.16		
May	2.08	.96	2.49	1.78	1.69	1.27	2.33	.96	2.57	.83	6.69		
June.....	1.59	3.34	6.02	1.90	1.82	.27	2.61	1.77	1.13	1.82	6.83		
July	2.62	.78	4.17	.58	4.66	4.11	2.43	1.35	3.56	2.80	10.14		
August.....	3.77	2.95	5.10	1.00	1.67	3.23	2.01	7.08	2.37	2.27	13.73		
September ..	.24	2.51	2.15	1.34	1.41	.82	2.36	.64	5.44	1.50	9.74		
October ...	2.66	2.18	2.61	2.21	1.98	1.10	3.44	2.24	1.84	5.14	13.66		
November ..	3.04	3.98	3.31	2.20	2.64	2.04	2.82	1.93	1.69	2.68	9.12		
December ...	2.86	4.24	1.10	2.01	5.10	4.92	2.02	1.75	3.69	5.19	10.65		
TOTALS ...	26.73	26.76	35.40	22.79	26.58	27.25	27.25	27.88	29.34	28.89	113.36		

1912 Holly hedge 15 ft high 57 ft W
Wall 91. 60. N
Holly 12. 84. E
Buckthorn 37. 90. S 32° W

Note - This is the gauge from which the amount
of rain is taken for the 3 preceding gauges

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54°15' N	1°16' W	Thirsk N.S.R.	4½ mi	S 85° W true	St Helen's Leakbank }	657 710 yds	S 86° W true

RAINFALL at Thrusk Mount & John

County of N.R. Yorkshire

Observer A.J. Walker Esq.

River Basin Burn-Swale 2

~~Open bottomed Rain Gauge, by N+3 No. 26220
generally verified at Kew.~~

M

Diameter ...	5											
Height	1 10											
Altitude ...	542											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.80	1.63	3.04	2.85	1.46	3.55	.38	3.46	2.16	3.41		
February ...	2.50	.90	1.85	.99	1.60	3.18	2.78	.79	1.96	1.03		
March63	1.75	3.12	2.40	1.81	1.28	2.60	2.73	1.19	2.73		
April	1.63	1.26	.88	3.20	.44	1.15	1.00	1.57	1.44	1.74		
May	1.85	.75	2.34	1.65	1.64	1.25	2.26	.92	2.55	.75		
June.....	1.42	3.27	5.89	1.76	1.61	.23	2.43	1.67	1.11	1.31		
July	2.42	.59	3.98	.48	4.54	4.07	2.29	1.30	3.39	2.74		
August	3.64	2.76	4.98	.92	1.58	3.08	1.90	7.03	2.29	2.84		
September ..	.19	2.45	2.03	1.22	1.37	.77	2.31	.64	5.33	1.89		
October ...	2.58	2.12	2.52	2.17	1.97	1.03	3.34	3.13	1.77	5.02		
November ..	3.07	3.89	3.20	2.18	2.50	1.98	2.79	1.93	1.62	2.59		
December ...	2.83	4.24	1.06	1.92	5.00	4.76	1.96	3.71	3.62	3.09		
TOTALS ...	25.56	25.61	34.09	21.77	25.52	26.33	26.04	26.88	28.43	27.92	26.815	

New daily range -
1913 Holly Hedge 159 ft high 54 ft W

Wall	9.	6.	N
Hedge	13.	84.	E
Tee	37.	90.	S 22° W

Note The 3 Recording gauge one between the 4th one which is red deck, all close together

5" dia. Snowdrift with snow-melting chamber by N+3, fixed in a block of stone with its rim 10' above ground in kitchen garden slightly to W of present (1936) recording gauge. In + after May 1917 it was read weekly & on 1st of month. Previously it had been read monthly. (see vol. 54 Baff 659812)

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54°15' N	1°06' W	Thrusk NSR.	4½ mi	S 65° W true	St. John Thrusk	710 yds	S 26° W true

RAINFALL at Thirk Mount St John

County of N.R. Yorkshire

Observer A.J.Walker Esq.

River Basin Ouse-Swale 2

Upper Swaledale Rain Gauge, by Carty & Co
glass case.

M.

Diameter ...	5										
Height	10										
Altitude ...	523	T									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	3.01	1.71	3.08	2.63							
February ...	2.03	.86	1.89	.93							
March57	1.80	2.85	2.13							
April	1.64	1.31	.60	3.06							
May	1.90	.71	2.34	1.51							
June	1.38	3.31	5.93	1.83							
July	2.36	.51	3.77	.45							
August	3.32	2.74	4.70	.85							
September ..	.18	2.30	1.90	1.22							
October ...	2.57	1.96	2.30	2.12							
November ..	2.90	3.81	3.11	2.01							
December ...	2.52	3.35	.95	1.90							
TOTALS ...	24.33	24.37	32.82	20.64							

1911 g. close to N + 3 snowg.

1912 Sun no 67 ft high 70° 74° 58° W
Shrub 11. 33. N 19° W
" 33. 84. N 25° E
" 33. 110. N 61° E
" 57. " "

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Thirk N.E.R.	4½ mi	S 65° W true	St. John's, Selby	668 yds 630yds	W true

RAINFALL at Felwick, Mount St. John
 County of N. R. Yorkshire. Observer A. J. Walker Esq.
 River Basin Ouse-Swale 2
 Bradford Gil. Rain Gauge, by Howard & Wilson

Diameter ...										6"		
Height										1.0		
Altitude ...										541		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...										2.33	3.52	
February ...										2.04	1.03	
March										1.25	3.84	
April										1.47	1.80	
May										2.57	.98	
June										1.09	1.29	
July										3.46	2.77	
August										2.29	2.82	
September...										5.33	1.81	
October ...										1.73	5.14	
November...										1.63	3.62	
December...										3.50	3.13	
TOTALS ...										28.69	38.45	

1919. Hedge 15 ft Rd. 54 ft W.
 13° , , 84° E
 Wall. 9° , , 60° N.
 Bush Lee 37° , , 90° , S 32° W true

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1918	54° 15' 1/4	1° 16' 1/4 W.	Girsk	4 1/2 mi	S 65° W line	St. Felix Felwick	7207 ^{ft}	S 86° W line

RAINFALL at Felbecke Mount St John

County of N. R. Yorkshire

Observer A. J. Walker Esq.

River Basin Guse-Swale 2

Copper Slope Rain Gauge, by Casella
Snow melting

Diameter ...	5"										
Height	1' 0"										
Altitude	541										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Median
January ...	3.34	2.47	3.56	1.70	2.02	1.74	2.66	2.47	3.98	3.16	4.08
February80	.20	2.09	4.51	1.65	3.41	1.68	1.37	1.30	1.18	1.33
March	2.27	1.06	1.80	1.58	1.15	1.49	.83	2.34	2.77	.24	2.79
April	2.90	1.25	2.16	1.59	1.92	2.77	.68	1.54	.90	1.33	4.29
May	2.33	1.53	.79	2.17	4.80	3.39	2.55	1.77	1.45	1.68	1.36
June	1.80	.38	2.02	.85	1.96	.11	4.60	3.23	4.04	1.90	2.11
July	4.52	1.40	4.75	2.75	2.56	2.02	1.90	4.53	.62	2.18	6.99
August	2.55	4.10	2.69	3.47	3.26	2.59	3.05	5.72	5.21	2.95	2.93
September...	1.29	1.32	2.39	2.82	2.56	3.10	1.84	5.24	.47	.78	4.42
October.....	2.50	1.37	1.26	2.70	4.33	2.74	2.73	2.49	3.71	2.80	2.46
November...	1.19	2.06	1.44	3.24	1.63	2.67	5.00	3.25	2.43	3.53	3.72
December...	3.68	2.14	3.57	3.01	3.43	2.91	1.09	1.99	1.63	4.89	2.89
TOTALS...	29.17	19.58	28.52	30.39	31.27	28.91	28.61	35.94	28.51	26.62	39.37

1920 Holly Hedge 15 ft high 54° 11° W

" 13 " 84° 12°

Wall 9 " 60 " N

Beech Tree 37 " 90 " S 32° W

1921. Great at 4 hr. average

1929 Gage gauge not printed.

1930. This gage about 2° W (perhaps less W) of the other daily gage and has always been read after it. It again gives a longer rainfall for the year than the other daily gage, which is regarded as the standard, larger by .67 in. as against 1.06 in 1929.

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° 15' N	1° 16' W	Ghirst	4 1/2 mi	S 65° W	St. Felix	720 yds	S 86° W

RAINFALL at Feliskirk Mount St. John

County of N. R. Yorkshire

Observer A. J. Walker Esq.

River Basin Guse-Swale 2

Copper Standard Rain Gauge, by Metz.
Snow melting? Copper Snow Gauge Other is the
average gauge

Diameter ...	5"										
Height	1.10							1.0			
Altitude ...	542								541		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	3.26	2.40	3.48	1.65	2.01	1.70	2.66	2.44	4.04	2.94	3.99
February77	.19	2.08	4.44	1.59	3.42	1.63	1.38	1.31	1.11	1.32
March	2.22	1.03	1.73	1.54	1.12	1.42	.80	2.36	2.70	.23	2.77
April.....	2.85	1.17	2.14	1.53	1.89	2.74	1.64	1.51	.90	1.30	4.25
May	2.28	1.53	.78	2.11	4.78	3.38	2.52	1.75	1.46	1.66	1.34
June	1.81	.40	2.02	.84	1.92	1.11	4.51	3.23	4.06	1.86	2.05
July	4.48	1.48	4.72	2.70	2.55	1.99	1.87	4.58	.61	2.14	6.89
August	2.54	4.14	2.65	3.41	3.26	2.59	3.10	5.81	5.10	2.92	2.90
September...	1.30	1.31	2.39	2.82	2.52	3.10	1.84	5.25	.46	.77	4.38
October.....	2.52	1.37	1.27	2.71	4.29	2.78	2.73	2.53	3.63	2.73	2.41
November...	1.16	2.03	1.44	3.19	1.66	2.61	5.05	3.25	2.38	3.38	3.62
December...	3.56	2.11	3.51	2.95	3.49	2.81	1.04	1.98	1.56	4.51	2.78
TOTALS...	28.75	19.39	28.21	29.39	31.08	28.65	28.39	36.07	28.21	28.55	38.70

1920 Holly Hedge 15 ft high 54 ft W

" " 13 " " 84 " E

Wall 9 " " 60 " N

Beech Tree 37 " " 90 " S 82 " W

1931. Obs. says g. val at 4 ft all year. Gauge East of - close to Hallinall + used as standard.

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

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	57° 15' 4" N	1° 16' 4" W	Thirsk	4 1/2 mi	S 86° W	St. Helise	7 20 7 ds	S 86° W

RAINFALL at Felickirk Mount St John

County of N. R. Yorkshire

Observer A. J. Walker Esq.

River Basin Guse-Swale 2

Copper Standard Rain Gauge, by N.W.G.
snow melting

Diameter ...	5"									MEANS.
Height	10									
Altitude ...	523									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	3.07	2.44	2.91	1.70	1.74	1.61	2.16	2.33		2.90
February84	.19	2.06	3.88	1.79	3.21	1.58	1.29		1.07
March	2.15	.94	1.81	1.49	1.14	1.61	.82	2.29		.25
April.....	2.90	1.18	2.18	1.51	1.79	2.72	.65	1.56		1.21
May	2.27	1.68	.80	2.19	4.63	3.39	2.53	1.77		1.62
June	1.67	.40	2.03	.86	1.89	.10	4.61	3.11		1.89
July	4.32	1.39	4.69	2.67	2.43	2.02	1.90	4.58		2.07
August	2.44	2.02	2.68	3.26	3.21	2.48	3.01	5.65		2.85
September...	1.51	1.27	2.28	2.51	2.38	2.93	1.83	5.09		.76
October.....	2.29	1.34	1.25	2.50	4.23	2.60	2.54	2.41		2.60
November...	1.09	2.10	1.43	3.03	1.53	2.72	4.47	3.18		3.09
December...	3.56	2.11	3.46	2.68	2.93	3.04	1.14	2.04		3.50
TOTALS...	27.91	19.06	27.58	28.28	29.69	28.43	27.24	35.30	NR	23.81

1920 Elm 67 ft high 70° S 68° W

Rhododendron 11... 30° N 19° W

Ilex 33... 84 - N 26° 13'

1921 Obs. say g. read at 9 hr. all year. gauge standing upon a terrace,
Culchholme river with S. E.

1926 Holly 15' high 84° W.

1926 Beech tree 37' 13° N 83° E.

1926 Beech tree 37' 13° N 83° E. as in 1920.

1929 Check gauge. not painted.

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' 1/4	1° 16' 1/4	Shiremoor	4 1/2 mi	S 65° W	St. Felise	630 yds	W

RAINFALL at Felisekirk Mount St John

County of N. R. Yorkshire Observer A. J. Walker Esq.

River Basin Guse-Swale 2

Bradford Rain Gauge, by Edward Wilson

Monthly

Diameter ...	5"	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 M.L.A.S.
Height	1 0											
Altitude ...	541											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	M.L.A.S.
January ...	3.23	2.41	3.35	1.70	2.02	1.76	2.69	2.47	4.10	3.03	4.02	
February81	.20	2.09	4.46	1.67	3.43	1.61	1.39	1.27	1.11	1.32	
March	2.22	1.02	1.74	1.54	1.15	1.52	.79	2.39	2.62	.23	2.71	
April	2.83	1.18	2.19	1.60	1.85	2.78	.67	1.53	.89	1.27	4.23	
May	2.29	(1.70)	.79	2.12	4.72	3.38	2.52	1.76	1.44	1.63	1.31	
June	1.74	.34	1.96	.84	1.86	1.10	4.47	3.15	4.02	1.98	2.07	
July	4.23	1.36	4.72	2.68	2.54	1.93	1.90	4.57	.59	2.15?	6.92	
August	2.53	4.06	2.67	3.46	3.25	2.54	3.02	5.77	3.09	2.93	2.88	
September...	1.25	1.31	2.29	2.88	2.59	3.09	1.83	5.26	.45	.74	4.36	
October.....	2.62	1.34	1.29	2.64	4.31	2.74	2.71	2.52	3.61	2.74	2.43	
November...	1.16	2.03	1.43	3.21	1.66	2.68	5.03	3.30	2.39	3.38	3.63	
December...	3.58	2.09	3.49	3.05	3.43	2.86	1.08	2.01	1.55	4.58	2.75	
TOTALS...	28.41	(49.04)	28.01	30.21	31.05	28.81	28.32	36.12	28.02	25.67	38.63	
1920 Holly hedge 15 ^{ft} high 52° 44' W												
1921 May path side for snow spelt.												
1925 " doubtful												
1927 Clerk up.												
1928 "												
1929 "												
1930.												

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 from gauge	Parish Church.	Distance from gauge	Direction
1920	52° 15' 4"	1° 16' 4"	Ghiseck	4½ mi	S 65° W	St. Felise	720 yds	S 86° W

RAINFALL at Feliskirk Mount St John

County of N. R. Yorkshire

Observer A. J. Walker Esq.

River Basin Ure-Swale 2

Copper Standard Rain Gauge, by N.Y.G.

1920 monthly 1921. Gauge read weekly & on 1st month.

Diameter ...	5"									MEANS.
Height	1.10									
Altitude ...	542									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	3.18	2.35	3.23	1.7						
February ...	77	1.18	1.92	1.6						
March	2.10	0.94	1.64	1.34						
April.....	2.75	1.04	2.07	1.60						
May	2.22	1.75	0.73	2.15						
June	1.76	3.1	2.01	1.84						
July	4.37	1.32	4.66	2.67						
August	2.50	4.03	2.62	3.46						
September...	1.25	1.31	2.38	2.38						
October.....	2.48	1.35	1.19	1.14						
November...	1.15	2.01	1.43	3.21						
December...	3.50	2.03	3.47	2.08						
TOTALS.	28.03	18.62	27.35	2.1						

1920 Holly hedge 15 ft high 544 ft W

" 13 " 84 " E

Wall 9 " 60 " N

Beech Tree 37 " 90 " S 32 ° W

1922 : - - - ; g. usually gives rather less rain than the daily gauge near it.

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

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' N	1° 16' W	Shirk	4 1/2 mi	S 65 ° W	Feliskirk (St. Felice)	720 yds	S 86 ° W

RAINFALL at Felixkirk (Mount St. John)

County of North Riding

Observer A. J. Walker, Esq.

River Basin Ouse - Swale - 2

Type of Gauge Snowdon (17)
(by balloon) (at 2432)

Annual Average 25.8 in. based on 23 years obs. unweighted. Period of average 1881-1915

Ref. S

668813/26

Diameter	5.										
Height	1.0.										
Altitude	540										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.72	1.64	2.02	1.89	2.90	3.76	3.25	2.76	4.98	2.81	2.873
February	1.80	1.02	5.70	1.41	3.03	3.02	4.01	2.18	1.51	1.57	2.525
March	1.81	1.92	1.92	2.54	.89	1.90	2.63	.23	2.42	2.03	1.829
April	4.26	1.26	1.50	2.63	2.76	1.56	2.56	.27	1.08	1.52	1.940
May	2.97	4.72	2.37	.85	1.28	1.25	2.73	3.49	1.74	.98	2.238
June	4.82	1.02	1.66	1.51	3.39	3.56	1.50	1.86	2.49	.64	2.245
July	3.83	6.19	2.46	3.49	1.14	4.55	1.26	2.84	4.27	6.21	3.624
August	3.39	1.76	.45	2.66	3.28	2.95	1.39	2.73	2.01	1.16	2.148
September	4.50	2.38	1.50	1.94	4.33	2.75	1.20	2.43	2.07	1.53	2.463
October	1.25	3.61	4.35	2.77	3.79	1.51	1.98	3.75	3.64	3.20	2.985
November	4.52	1.75	4.12	2.19	5.15	3.23	2.30	3.20	2.32	3.51	3.229
December	1.40	1.16	.98	5.43	2.68	1.80	5.05	4.52	1.90	2.30	2.722
TOTALS	37.27	28.43	29.03	29.31	34.62	31.84	29.86	30.26	30.43	27.46	30.851

1931. Holly hedge 15' high 54° W

Wall 9' " 60° N

Holly hedge 13' " 84° E

Beech tree 37' " 90° S32° W

The g. is a 5" copper insulated g.
with snow melting chamber by balloon
fixed close to mounting g. at 9am.
Lat. July 1931 + read daily. (See also Sig B
office)

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
1931			Thirsk	4½ miles	S65° W	Felixkirk	720 yards S86° W

RAINFALL at Felixkirk (Mount St. John) No. 2. + A

County of North Riding. Observer A.J. Walker, Esq.

River Basin Ouse-Swale-2.

Type of Gauge Snowdon (by Negretti & Zambra)

Annual Average R.G.E. in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. B.R.N.

668813/26

Diameter	5'											1931-40 Means Totals
Height	100											
Altitude	540											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.61	1.61	1.98	1.84	2.30	3.68	3.21	2.76	4.94	2.77	28.19	
February	1.72	.97	5.66	1.42	3.01	3.01	3.92	2.16	1.52	1.56	24.95	
March	1.80	2.15	1.89	2.47	1.85	1.91	2.62	.22	2.43	2.03	18.38	
April	4.25	1.23	1.44	2.61	2.77	1.60	2.56	.28	1.01	1.52	19.33	
May	2.93	4.69	2.37	.84	1.27	1.26	2.73	3.47	1.75	.98	22.29	
June	4.76	1.00	1.68	1.49	3.37	3.58	1.45	2.49	2.46	.64	22.92	
July	3.80	6.12	2.46	3.46	1.14	4.53	1.26	2.84	4.25	6.18	36.04	
August	3.40	1.74	0.45	2.66	3.26	2.96	1.39	2.74	2.03	1.16	21.79	
September	4.54	2.37	1.50	1.91	4.31	2.46	1.21	2.41	2.08	1.54	24.61	
October	1.25	3.55	4.29	2.77	3.79	1.50	1.97	3.74	3.65	3.21	29.72	
November	4.37	1.70	4.07	2.18	5.13	3.22	2.24	3.19	2.34	3.50	31.97	
December	1.38	1.14	0.99	5.31	2.71	1.76	5.06	4.46	1.93	2.32	27.06	
TOTALS	36.81	28.27	28.78	28.96	34.41	31.77	29.65	30.76	30.43	27.41	307.25	
<hr/>												

1931. Holly hedge 15' high 54° W

Wall 9° " 60° N

Holly hedge 13' " 84° E

Beech tree 37' " 90° S 32° W

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			Throstle	4 1/2 miles	S 65° W	Felixkirk	720 yards	S 86° W

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

Station No. 3431

RAINFALL at Felwicksham (Mann St John) #A

41

County of North Riding Observer A.J. Wallace Esq.
 River Basin Ouse Swale 2
 Type of Gauge Standard (✓)

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

File No. 668812/26

Diameter	5"	055	811								
Height	1" o"		1								
Altitude	540'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.13	3.62	3.71	4.75	1.96	2.67	5.10	.83	1.63		
February	4.86	1.91	.63	1.90	.98	2.93	1.16	.63	3.22		
March	2.06	1.86	.44	.42	1.37	4.34	1.01	1.54	1.05		
April	1.64	.93	1.42	1.41	2.08	2.93	1.41	2.29	1.91		
May	1.78	2.28	2.53	2.31	2.11	2.19	1.03	1.31	1.11		
June	.66	.69	1.32	3.25	2.16	2.15	5.54	.81	1.96		
July	1.97	3.86	.74	1.78	3.48	1.63	1.59	2.35	3.37		
August	3.74	2.92	3.37	4.39	3.88	.23	3.21	2.42	4.46		
September	.66	1.81	3.10	1.49	3.50	1.55	1.82	.50	2.34		
October	3.64	2.76	1.82	2.51	.64	.63	1.13	2.39	1.11		
November	2.95	.77	3.56	.45	1.41	2.03	.68	3.39	4.67		
December	.53	2.34	1.15	1.68	2.67	2.20	2.42	2.28	3.01		
TOTALS	24.62	25.75	23.79	NR	26.34	29.18	25.48	26.75	20.74	30.58	
	D	D	D		D	D	D	D	D	D	

1941 Holly hedge 15' high 54°W. Wall 9' high 60°N. Holly hedge 13' high 84°E.
 Beech tree 34' high 90°S 32°W.

1946 Check g - n.p.

1947 " " np.

1948. n.p. check.

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.
1941			Junction LNER.	4½ mds.	5.65° W.	Felwicksham (St. John)	420 yds. 5.65° W.

Station No. M 3432

RAINFALL at Itchinchin (Mount St. John) No. 1, 41

County of North Riding Observer A. J. Walha Esq.,

River Basin Ouse - Swale - 2

Type of Gauge Standard (A)

Annual Average 26.5 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. B of N

File No. 6688.1326

Diameter	5"	055	812							1941-50 Means	Total
Height	1' 0"		1								
Altitude	540'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	
January	3.06	3.49	3.71	1.82	4.71	1.96	2.67	3.66	82	1.49	29.39
February	4.93	1.85	.62	2.16	1.89	.97	2.81	1.12	.61	3.20	20.16
March	2.05	1.87	.44	.66	41	1.32	4.37	1.01	1.52	1.03	14.68
April	1.66	.94	1.43	2.19	1.39	2.08	2.92	1.42	2.29	1.91	18.23
May	1.79	2.30	2.54	1.03	2.32	2.12	2.22	1.01	1.34	1.10	17.77
June	.66	.69	1.33	2.83	3.27	2.10	2.16	5.58	.81	1.95	21.38
July	1.99	3.89	.75	2.69	1.78	3.58	1.61	1.59	2.35	3.38	23.53
August	3.73	2.94	3.39	3.34	4.38	3.98	.23	3.19	2.43	4.50	32.03
September	.66	1.84	3.11	5.22	1.50	3.50	1.56	1.82	.49	3.33	23.03
October	3.64	2.79	1.81	3.03	2.53	.65	.64	1.13	2.39	1.10	19.71
November	2.97	.81	3.50	3.78	.46	4.38	2.02	.68	3.40	4.52	26.52
December	.53	2.33	1.13	1.91	1.68	2.69	2.17	2.43	2.28	3.07	20.22
TOTALS	27.64	25.74	23.76	30.66	26.32	24.17	25.38	26.64	20.73	30.58	266.65

236.07
454Position 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

Station No. 3431

51

RAINFALL at Hellicombe (Mount St John), 101.

County of North Riding Yorks.

Observer

C. J. Walker Esq.

River Basin Ouse - Vale - 2

Type of Gauge Snowden.

Annual Average in. based on years obs. un-weighted. Period of average

" 28.94 " 35 " Within 1920-57 "

Ref

S

File No. 668813/26

Diameter	5"	055	811							Pend of record card	
Height	1'0"			1							
Altitude	540'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.82	1.77	.87	2.70	1.57	4.57	1.59	2.47	2.69		
February	2.46	.68	1.63	2.40	2.27	2.21	2.33	3.79	.56		
March	2.79	1.93	.09	1.92	2.02	.60	1.48	2.96	1.14		
April	1.31	1.49	2.52	.25	1.51	1.37	.54	1.05	2.21		
May	4.82	1.62	1.84	2.96	2.06	.64	1.40	3.15	.59		
June	1.29	2.08	4.10	2.52	2.43	4.10	2.06	2.76	2.05		
July	3.05	1.71	3.47	2.77	1.19	4.89	4.22	2.64	1.40		
August	5.54	2.26	3.61	6.05	.78	8.14	5.08	3.86	.27		
September	2.69	4.22	1.84	1.99	1.37	2.41	3.26	3.12	.24		
October	1.57	4.12	2.00	4.19	1.66	1.60	2.04	1.81	1.75		
November	5.92	1.72	2.42	4.47	2.60	1.63	1.68	.91	4.31		
December	2.49	1.53	1.22	2.19	2.48	2.01	2.12	2.80	3.70		
TOTALS	35.75	25.12	25.61	34.41	21.94	34.17	27.80	31.32	20.91		
	D	D	D	D	D	np	np	DMP	up		

1951. Holly hedge 15' high 54°W. Wall 9' high 60°N. Hedge 13' high 84°E. Tree 37' high 40°S 32°E

1956 n.p. check gauge. Castle snow-melting insulated & fixed 2'2" (rim to rim) west of the "NZ" snow-melting (Stn No 2632)

The readings from this latter have been rendered monthly on Form 1096.

1957. np. check.

1958 np. check

1959. np. check

4743482

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SE 48 742222

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951.			Thrush	4 1/2 m	565°W	Hellicombe	720° 3 86°W

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		V	V	V	Mp 40-48 1941-43, 45-54	
		V	V	V	V	

Station No. 3432 m

RAINFALL at *Felixkirk (Mount St. John) No. 2*
 County of *North Riding Yorks.* Observer *D. J. Walker Eng.*
 River Basin *Ure - Swale - 2*
 Type of Gauge *Snowden (+9)*

Annual Average 26.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Bef N
 28.86 " " " 1916-1950 1916-1999 P
 File No. 068813/26

Diameter	5"	055	812											
Height	1'0"			1										
Altitude	540'		57											
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means			
January	1.83	1.73	0.88	2.69	1.57	4.80	1.56	2.50	2.67	4.65	2.49	2A58		
February	2.47	1.67	1.65	2.43	2.26	2.21	2.34	3.80	5.56	2.33	2.07	2072		
March	3.80	1.90	.09	1.94	2.03	0.60	1.49	3.00	1.14	1.07	1.61	16.66		
April	1.31	1.47	2.51	0.25	1.51	1.40	.54	1.05	2.23	0.86	1.31	13.73		
May	4.93	1.61	1.84	2.96	2.06	0.63	1.37	3.15	.59	0.98	2.01	2012		
June	1.28	2.09	1.13	2.53	2.45	4.13	2.08	2.79	2.05	0.58	2.41	24.11		
July	3.06	1.71	3.47	2.70	1.19	4.91	4.27	2.65	1.40	5.44	3.09	30.38		
August	5.56	2.25	3.64	6.05	0.74	8.19	5.06	3.88	.27	2.99	3.87	38.66		
September	2.66	4.23	1.85	2.01	1.38	2.44	3.25	3.16	.24	3.01	2.42	24.25		
October	1.59	4.14	2.01	4.15	1.64	1.61	2.03	1.81	1.68	6.75	2.74	27.41		
November	5.93	1.71	2.42	4.50	2.63	1.63	1.69	.91	4.29	3.99	2.97	29.70		
December	2.48	1.57	1.21	2.19	2.61	2.03	2.21	2.82	3.65	3.15	2.38	23.82		
TOTALS	35.90	25.08	25.70	34.48	22.00	34.58	27.89	31.52	20.77	35.80	29=37	2937		
	D	D	D	D	D	D	D	D	D	D	D			

293.72

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SE(44)472442
 18th Amendm.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	