

RAINFALL AT Muker Summerside Lodge

Lat. .... Lon. .... County of N.R. York  
 Bradford Rain Gauge, by No 3 (Cats.) Observer W.M. Christy Esq.  
 One, June - 2. M.

Diameter ..										5	
Height ..										1.0	
Altitude ..										900	
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..										3.00	4.85 4.28
March .....										4.60	5.52 2.46
April .....										5.35	6.75 5.20
May .....										2.40	3.54 3.63
June .....										5.55	3.45 2.65
July .....										5.95	2.87 4.20
August .....										3.30	5.75 3.45
September ..										2.79	4.50 3.88
October ..										.65	4.85 2.78
November ..										6.78	3.05 6.00
December ..										3.45	3.50 2.24
TOTALS ..										7.15	3.13 7.20
										50.97	51.76 47.97

1907 Mukerhouse 1 1/2 mile E  
 Askrigg Station 4 1/4 . S

"This gauge was started in Sep 1906. It was placed in a decided hollow near a small brook to protect it from the excessive strong winds which blow down the main valley."

RAINFALL at Miker Sunnyside Lodge

County of N.R.-Yorkshire

Observer Wm Christy

River Basin Oriee-Swale 2

*Rain Gauge, by*

Diameter ...	5										
Height .....	1.0										
Altitude ...	900T						950				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.RANS.
January .....	8.03	3.18	4.65	6.15	5.54	6.86	7.77	3.66	5.67	7.84	2494
February .....	7.75	7.65	3.90	3.53	6.92	7.30	7.65	.68	7.85	1.85	1803
March .....	1.62	3.35	5.48	9.25	4.16	1.20	6.15	3.20	2.27	5.80	1742
April .....	3.85	3.10	.55	5.25	1.80	2.95	2.95	2.96	1.90	2.43	1024
May .....	2.64	2.00	2.92	3.10	2.50	1.31	3.20	2.50	1.80	1.46	896
June .....	2.07	4.05	5.62	2.65	3.33	1.00	2.10?	2.50	1.30	1.84	724
July .....	3.78	.64	6.93	1.10	2.20	2.77	3.50	1.66	0.22	3.60	1198
August .....	6.43	2.43	6.28	1.55	2.32	2.35	2.72	8.85	3.97	4.05	1959
September .....	.40	3.00	3.00	3.02	3.05	1.20	3.25	3.06	9.98	2.77	1905
October .....	4.07	5.45	4.73	2.80	2.26	1.60	11.15	6.35	4.95	6.35	2880
November .....	4.11	8.22	4.40	6.00	9.88	3.23	6.30	4.82	2.87	5.55	1984
December .....	5.07	8.25	8.85	4.62	11.00	4.21	4.28?	3.33	7.40	6.50	2151
TOTALS ...	49.82	51.32	57.31	49.32	54.96	36.98	61.02	43.56	58.18	48.84	20860

1915 Holopintes fuscogularis

1915 Hot printed gauge leaky Aug 11  
1916 June 1 found hole leaking, patched up & Dec? of slightly leaking

1917 new receiver 1-17

August

Mr. George

## RAINFALL at Swaledale Gunnerside Lodge

County of N. R. Yorkshire

Observer: W. M. Christie Esq.

River Basin Buse-Swale 2

J. Da Sanderson, for Ld. Rockdale

*Rain Gauge, by* —

1921. July 12<sup>th</sup>. 91° 98° 120° 100° 111° 101° 120° 137° 80° 111°  
City, proportioned by our station

New Bay, intially March 1923.

Inspected by R.H. MacKens 17-6-29 see green file.  
1929 not printed, incomplete, interpreted with most months estimated from maps.

Gloss informed incl. 12 A. file 664959/26 says gauge will be moved to prevent interference by children.

1930 Jan. est  $\frac{d}{(7 \text{ mi. low})}$  Obs<sup>l</sup> approx. (#. 818516/28)

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

**RAINFALL at Swaledale (Gunnerside Lodge)**

County of North Riding.

Observer I Sanderson, Lord Rochdale

River Basin - Runoff - Swale = 2

(return to Lord Rockdale).

#### Type of Game

(Observer T-T-Sanderson - gardener)

Annual Average 47.5 in. based on 20 years obs., un-weighted. Period of average 1881-1905 Ref. 5

Diaméter	5.										
Height	1.0.										
Altitude	900.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Meane- 1931-40
January	(4.00)	7.15	4.29	6.29	2.23	5.68	5.17	7.98	8.98	1.79	5356
February	(4.00)	.89	3.60	4.41	7.73	3.39	6.12	2.60	5.68	2.76	3708
March	1.27	3.38	3.56	4.16	1.54	2.52	2.86	2.17	4.08	4.23	2977
April	4.19	5.10	1.65	4.26	4.03	1.44	3.45	.39	1.80	2.15	2846
May	2.73	3.65	3.54	4.04	.78	1.51	3.36	3.31	1.43	1.52	2587
June	3.85	1.49	1.73	1.72	4.38	5.47	2.16	5.50	3.80	.36	2366
July	3.95	4.48	3.10	2.75	1.59	3.57	1.96	4.21	5.59	5.37	3687
August	3.87	1.60	1.70	4.06	1.92	2.44	3.58	3.47	2.65	1.44	2673
September	2.59	4.80	2.41	3.75	9.96	4.84	3.90	1.93	1.40	3.12	3870
October	2.75	6.84	4.44	7.66	8.74	4.51	2.37	11.56	4.15	5.86	5568
November	7.05	4.26	3.85	2.15	7.30	5.67	1.46	7.59	7.09	6.51	5293
December	3.48	3.93	.70	6.10	2.18	6.96	3.64	5.49	2.67	4.40	3958
TOTALS	(43.73)	47.57	34.57	47.35	52.38	48.00	40.06	56.10	48.52	39.51	45779 M

916 992 223 790 1073 1504 250 1473 1002 826

*Position of Station on reduced Ordnance Survey Map,* } No. of Map  
1 mile to 1 inch Series }

*Reference No.*.....

Station No. M 3440 M

## RAINFALL at S. Walsalake (Gummerische Lodge)

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County of North Riding

Observer The Rt Hon Lord Rosedale

River Basin Ouse - Subdrain 2.

Chairman J. T. Sanderson - gardener

Type of Gauge 3 in. dia.

The Rt Hon Lord Pease

Assessor S. P. Bagley - gardener P. E. Fox

Annual Average 42.8 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref S

File No. 664959/26

Diameter	5"	051	248								
Height	1' 0"		1								
Altitude	300'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.24	4.03	6.13	5.79	4.81	5.70	5.04	8.46	2.22	3.35	4.987
February	5.86	2.10	3.49	3.10	6.23	4.80	(5.00)	3.49	3.08	7.90	4.505
March	3.44	2.29	2.50	5.5	2.04	7.90	(8.55)	2.81	7.80	1.76	2.664
April	2.38	2.98	3.73	2.24	2.98	1.40	6.00	2.56	5.44	3.58	3.326
May	2.20	3.98	6.25	1.83	4.00	2.50	2.31	1.01	1.64	1.80	2.622
June	4.0	7.4	3.00	3.23	4.09	4.70	3.98	4.52	.92	1.49	2.713
July	1.14	3.00	2.80	3.10	2.08	4.70	3.12	1.16	.79	3.00	2.489
August	5.37	4.82	6.43	2.80	4.42	6.20	.18	4.47	1.44	6.98	4.203
September	.56	3.28	4.42	6.54	3.82	6.20	2.66	3.20	1.66	7.74	4.008
October	5.50	4.22	4.25	5.49	6.90	(2.00)	1.41	2.03	7.82	3.26	4.388
November	3.88	1.35	3.31	9.11	.80	(6.00)	4.97	2.23	6.60	6.68	4.619
December	3.36	4.87	3.60	5.08	2.80	4.50	3.39	3.04	7.55	2.99	4.117
TOTALS	34.32	37.66	49.57	48.92	44.97	(52.60) mm	46.61	34.48	39.93	60.20	44.726

1946 The estate has now come under Civil Rule. 0016430004

1947. Feb &amp; Mar. est. &amp; part ad. for snow

rounded to (1.79) (2 digits)  
for S.W.S work. 446-1961 MSPosition 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

## RAINFALL at Lwaledale (Gunnerside Edge)

County of North Riding - Yorks. Observer The Rt. Hon. Lord Peel,

River Basin Ouse - Lwale - ?

(Observer P. G. Fox)

Type of Gauge

Bradford. New  
108 grm  
115Annual Average 47.8 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. 5  
48.4 48.4 35.1 1916-1950 1916-1950  
Height has always been 950 until now 1153 File No. 644959/26

Diameter	5"		051	248								
Height	1' 0"	*	1153*		1							
Altitude	950	950'	985'		51	100						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	6.63	3.62	.55	5.56	6.19	4.69	7.10	4.42	3.97	7.35	49.08	
February	4.46	.49	3.58	3.62	3.64	3.24	4.06	6.26	.53	5.79	35.57	
March	3.59	3.45	.68	3.12	2.19	1.42	2.53	2.27	2.73	2.34	24.32	
April	3.92	2.46	3.72	.66	.97	1.17	1.34	1.29	3.54	3.00	21.07	
May	5.10	2.73	2.09	5.21	4.77	1.82	2.37	5.04	.86	1.67	31.66	
June	1.86	1.66	3.51	2.13	2.40	3.11	1.23	4.12	2.29	1.58	23.88	
July	1.31	1.30	4.33	3.11	1.31	4.26	6.21	4.62	2.50	5.82	34.77	
August	3.31	4.01	4.23	6.96	.67	8.02	7.56	3.49	.69	2.60	41.54	
September	2.88	5.35	3.95	6.34	1.73	4.16	4.53	4.51	.47	2.93	36.85	
October	.42	3.32	1.77	10.54	2.25	3.00	5.54	3.80	3.85	5.40	39.89	
November	9.78	2.41	4.35	8.60	(2.50)	1.14	2.20	.93	7.97	7.15	47.03	
December	9.74	4.46	2.03	4.92	6.70	6.61	4.37	4.70	11.24	6.39	61.16	
TOTALS	53.00	35.25	34.79	60.77	34.22	42.64	48.04	45.45	40.64	52.02	446.82	
	D	D	D	D	D	D	D	D	D	D		

Imp. IV A Meteorol. Gauge sound, but outlet of cellar not sufficient to guarantee of water. House 20' cap. and situated site on bleak hillside, 1/4 m. N. of Shipton N.E., exposed east valley. Head gale wind. Wind to SW & NW.

New site selected on lower ground, only a little overexposed SW-120° down valley. Adapted. 11.53

1956. Daily values unrepresentative. Some W.D. Suspect time of reading may be erratic.

\* See correspondence May-June 1954 in E. 15260/52. Mr. Weatherly gives (900') numbers; whilst hours were 950. Most A gauge on 11.53. Average height 11.85'. alt. 10.6. 54.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 34.113.144.82

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
	✓	✓	✓	41-45, 47-50 D 47-50.	