

## RAINFALL AT Glaidburn, Catton Hill

80

Lat.

Lon.

County of York

Wetby

Rain Gauge, by

Observer W. B. Dryau, Esq., C.E.

J. B. M. Callum Esq., C.E.

Ribble - 2

Diameter .....	8										
Height .....	2.6		5.1								
Altitude .....	1539										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	1.10	Frzen 4.40	5.80	8.10	4.60	5.90	4.10	3.95	6.00		
February .....	4.60	" 5.10	4.80	4.80	4.90	1.20	3.90	2.06	4.66		
March .....	4.40	4.50	3.90	1.00	4.30	5.10	4.80	3.00	4.92	8.00	
April .....	2.60	1.20	6.20	2.60	1.90	2.40	3.10	2.10	3.60	2.10	
May .....	3.40	6.90	2.90	1.20	4.60	2.30	4.50	3.10	2.10	3.90	
June .....	8.20	5.30	6.90	4.40	1.10	4.00	3.50	6.60	3.00	1.00	
July .....	7.00	10.10	10.70	4.70	6.40	2.50	7.60	4.80	11.26	3.70	
August .....	3.70	11.30	5.20	6.40	2.50	3.30	4.10	2.70	7.10	11.30	
September....	6.20	2.10	3.60	8.20	5.70	7.90	5.70	7.95	6.30	6.70	
October.....	1.60	3.50	4.80	8.30	6.80	6.50	6.40	3.01	3.60	5.90	
November....	9.50	7.50	9.10	5.60	2.40	4.00	5.90	3.61	9.20	3.50	
December ....	11.20	4.70	5.20	7.20	8.30	3.20	5.50	5.07	5.60	7.50	
TOTALS .....	63.50	64.10	72.00	60.20	56.20	50.70	58.20	43.94	62.69	64.26	59.570

1881 March & April gauge twice burst by frost and water lost.

1881 Jan Feb estimated

RAINFALL AT Ribble 2

Lat.

Long.

County of

Slaidburn Cabin Hill  
York W.R.

Rain Gauge, by

Observer

J.B. McCallum Esq. CL.

Gov. Fund Esq. CL.

W. Stephenson CL

Ribble 2

Diameter .... 8

Height .... 3 1

Altitude .... 1559 ft

Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.10	2.90	7.80	3.20	4.49	2.18	5.45	1.20	9.50	7.96	5.278
February	1.64	2.90	4.70	6.40	7.30	.80	3.50	5.60	6.80	3.10	4.274
March	6.30	2.50	.40	2.00	2.70	5.90	8.10	6.20	4.50	4.10	4.270
April	2.22	2.90	2.40	1.00	2.60	4.20	3.20	3.70	4.10	5.20	3.152
May	2.98	3.40	8.20	2.20	4.00	.80	1.00	4.00	5.60	4.20	3.658
June	7.80	1.40	3.70	2.90	6.60	3.30	4.30	5.80	5.50	1.60	4.290
July	7.50	5.20	1.90	6.60	5.40	7.40	5.00	4.00	2.20	4.00	4.920
August	8.40	15.50	8.80	7.10	9.40	8.60	4.50	9.20	9.60	2.00	8.310
September	9.80	9.60	6.70	9.70	.80	2.20	8.20	8.70	4.00	8.40	6.810
October	9.10	6.30	5.70	10.50	7.25	6.70	3.60	3.40	6.80	4.40	6.375
November	9.08	6.00	4.40	7.82	5.60	5.20	2.10	8.40	7.50	6.90	6.300
December	4.43	10.80	4.71	6.20	7.63	5.20	7.90	7.80	9.40	5.30	6.427
TOTALS	73.35	69.40	68.80	59.41	64.62	63.87	52.48	56.85	68.00	75.50	57.26

Corrections sent 17-XI-92

RAINFALL AT Hawthorn Cabin HillLat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of W York (Northern)Swanson Rain Gauge, by \_\_\_\_\_ Observer W. Shubley C.E.

Ribble - 2.

Diameter ...												MEANS.
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909		
January ...												
February ...												
March .....												
April .....												
May .....												
June .....												
July .....												
August.....											6.50	
September ..											9.00	
October ...											3.60	
November ..											7.50	
December...											5.10	
TOTALS ...										61.35		

RAINFALL AT Slaidburn Cabin Hill

Lat.

Lon.

County of

York W.R. Northern

Rain Gauge, by

Observer

W. Stubbs Esq. CL

Ribble - 2.

M

Diameter ..	8	.	.	.	.	.	.	.	.	.	.	.
Height ....	3	1										
Altitude ..	1559 ft											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	6.80	3.80	8.20	6.20	5.80	5.10	8.30	6.28	6.20	6.20	62.88	
February ..	(4.30)	1.90	1.97	8.30	3.10	4.00	3.40	4.04	6.00	6.20	4.321	
March ..	.60	4.40	5.60	6.30	4.10	4.50	2.60	8.80	3.60	2.90	4.290	
April ..	4.70	3.20	2.36	2.20	6.80	5.50	2.10	4.60	2.70	4.70	3.886	
May ..	2.60	1.10	4.40	3.00	3.60	2.20	7.80	5.10	5.40	3.40	3.860	
June ..	3.60	1.80	1.50	3.00	2.20	3.30	4.50	11.90	3.30	2.60	3.770	
July ..	4.10	2.00	9.30	5.40	3.80	7.00	4.80	4.80	5.90	10.30	5.740	
August ..	6.60	7.50	4.30	11.30	5.40	5.70	7.70	11.00	6.30	7.00	7.280	
September ..	5.70	2.60	2.80	7.30	2.30	6.60	2.70	1.80	9.10	4.50	4.540	
October ..	10.95	7.20	7.00	13.20	5.90	7.10	10.40	8.80	3.00	9.40	82.95	
November ..	5.80	9.20	4.60	5.80	7.20	6.30	7.60	7.80	7.40	4.17	6.587	
December ..	7.60	4.80	5.70	3.10	5.00	3.00	6.80	10.40	5.00	7.72	59.12	
TOTALS ..	63.35	49.50	57.73	75.10	55.20	60.30	68.70	88.82	63.90	69.09	64.60	

61.35

62.422

Hub

1900 February Snow estimated

1900 given as 61.35 in DT read 1.09

1907 1601 printed ? 20 miles too big

This looks much better

61.35 adopted by De Water 1912

RAINFALL at Haidburn Cabin HillCounty of W.R. YorkshireObserver W. Stubbs Esq. C.E.River Basin Ribble 2J. T. Field Esq. C.E. 1915  
A. Y. Goosman Esq. C.E. 1915

Rain Gauge, by \_\_\_\_\_

Diameter ...	8										
Height .....	3·1										
Altitude ...	1559 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	8.00	3.20	5.10	6.10	8.00	8.25	8.85	2.26	8.25	8.50	
February ...	10.60	6.80	2.60	3.00	4.60	6.57	4.60	1.66	8.40	1.75	
March .....	2.10	4.30	9.60	9.30	8.30	4.40	1.63	3.00	2.10	8.56	
April .....	4.70	5.20	2.30	6.40	2.40	5.33	8.94	1.51	1.05	3.50	
May .....	3.80	3.80	3.50	4.30	4.70	1.42	3.46	1.63	2.00	3.20	
June.....	3.80	5.70	11.40	4.80	3.00	1.23	3.60	4.00	3.25	3.08	
July .....	8.40	1.30	5.50	2.50	6.00	6.22	2.73	1.90	5.10	3.42	
August .....	11.20	5.40	8.80	3.90	3.70	6.39	5.55	10.10	8.30	4.99	
September ..	1.70	4.80	3.60	3.30	4.30	1.32	6.00	6.20	10.45	4.54	
October ...	5.00	6.10	5.80	3.20	3.00	1.35	10.00	3.40	8.15	2.99	
November ..	4.70	8.10	8.20	8.90	9.00	1.34	5.12	5.85	8.75	4.80	
December ...	9.80	10.60	6.10	6.70	7.50	8.71	5.59	4.05	8.50	9.48	
TOTALS ...	73.80	65.30	72.50	62.40	64.60	52.53	61.07	49.56	68.80	55.15	

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

## RAINFALL at Slaidburn, Cabin Hill (Snowdon)

County of W.R. Yorkshire

Observer W. H. B. C. S.

River Basin Ribble 2

Sunderon Rain Gauge, by

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height .....											
Altitude ...											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...											
February ...											
March .....											
April .....											
May .....	3.80										
June .....	5.70										
July .....	1.40										
August .....											
September ..	4.70										
October ...	6.00										
November ..	6.00										
December ...	9.40										
TOTALS ...											

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

RAINFALL at Slaidburn Cabin HillCounty of N. R. Yorkshire)Observer A. T. Goosman Esq C.E.River Basin Ribble 2

(H.M. Well. Esq. C.E. (1926).

No. 0 Rain Gauge, by \_\_\_\_\_Waterways BlackburnM.

Diameter ...	8							5	5		
Height .....	3	1						1' 2"	1.0		
Altitude ...	1559							1559			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	6.65	10.90	2.66	13.00	5.38	4.88	7.50	7.20	17.25	3.30	8.90
February ...	5.20	1.29	10.30	5.00	1.50	6.13	9.90	5.70	8.30	1.40	1.65
March .....	6.43	4.43	4.89	2.10	2.00	3.20	4.70	4.80	4.25	2.60	5.05
April .....	6.80	2.10	3.89	4.60	2.40	3.50	3.43	7.30	2.10	2.70	3.20
May .....	6.82	3.70	3.20	5.30	7.45	5.40	4.40	2.35	1.00	3.55	2.35
June .....	3.20	1.18	4.00	3.70	4.40	1.00	4.95	6.25	15.00	3.60	3.25
July .....	7.09	2.70	8.00	10.05	6.30	5.30	5.35	7.30	8.00	6.97	5.70
August .....	3.14	6.32	7.80	10.00	10.10	6.60	6.05	10.70	9.50	11.80	11.55
September...	4.23	3.15	6.20	9.87	8.50	5.10	8.93	15.80	3.45	4.65	4.15
October.....	1.55	4.49	2.60	11.75	7.50	10.30	4.00	8.50	8.90	12.00	13.70
November...	3.80	1.88	5.40	10.70	8.94	3.80	7.30	9.05	10.90	13.00	8.30
December...	4.05	15.20	6.20	6.52	9.50	5.60	6.00	1.80	5.95	11.50	6.90
TOTALS...	58.96	58.04	65.11	92.59	73.97	60.81	72.51	86.75	92.60	77.07	73.70

X/28 Inspected by Mr Colenso: see green file

Mr Bradford Surveyor installed 9 Jan. 1928. Moved to new site as recommended by Inspector on 1/12/28. (See A. in 660553/26)

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.			Leitharoe	11 1/2 m.	SE.	Slaidburn	6 1/4 m.	ESE.

## RAINFALL at Slaidburn (Cabin Hill)

County of West Riding

Observer H. M. Webb, Esq., C.E.

River Basin Ribble - 2

W. Pickstone Esq., C.E.

Type of Gauge M.G. Standard

G. M.S. Kyn Esq., C.E. from 1939  
1891-1915

Annual Average in. based on 12 years obs. un-weighted. Period of average 1865-1926

(1939) 68.5

9

Ref. 6400726

660553/26

Diameter	5.										
Height	1.0.										
Altitude	1559										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	10.90	10.65	6.00	8.00	4.80	6.40	6.00	10.10	7.30	3.80	
February	9.75	20	7.15	5.55	12.60	2.60	10.20	3.80	6.30	2.90	
March	7.75	4.70	3.10	4.50	2.00	4.30	1.75	4.20	3.85	6.25	
April	5.15	5.40	2.60	3.10	3.40	1.30	5.50	2.15	4.20	3.70	
May	3.05	6.30	2.40	5.80	1.00	1.50	2.70	4.60	1.75	1.35	
June	10.40	1.80	4.06	4.60	5.50	5.20	6.60	8.50	8.30	1.20	
July	9.00	8.30	6.80	4.80	4.70	8.90	3.60	7.90	8.60	7.30	
August	6.40	2.60	4.90	10.00	3.70	5.40	2.90	5.90	2.60	5.55	
September	4.00	12.75	1.65	6.30	10.15	7.80	4.20	3.70	3.70	11.20	
October	6.20	10.40	7.20	10.90	12.50	9.90	2.30	16.30	2.60	5.20	
November	10.70	5.80	3.20	2.55	6.10	8.80	1.40	7.80	9.60	8.20	
December	6.70	4.70	1.90	8.60	4.80	10.40	1.95	7.60	4.30	7.60	
TOTALS	83.00	73.30	(57.45)	69.70	71.25	72.50	49.10	82.55	100.00	64.25	M

1933. April adjusted by surrounding stations.

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
1931			Clitheroe	11.5 miles	SE	Slaidburn	6.4 miles ESE

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

Station No. 3086

## RAINFALL at

Slaidburn (Cabin Hill)

41

County of West Riding

Observer G. H. E. Kay Esq. C.E.

River Basin Ribble 2

Sunderdon (50)

Type of Gauge Standard Bradfield 142.8 m. 0.6 miles

5 ft. 6 in.

Annual Average 15.5 in. based on 9 years obs. un-weighted. Period of average 1931-1945 Ref. L.W.S

File No. 660553/26

Diameter	5		573	691							
Height	1	0			1						
Altitude	1569				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.50	7.30	9.00	10.70	7.05	7.50	6.70	10.80	5.10	8.10	
February	7.00	(3.40)	5.10	4.10	10.35	8.07	(1.22)	3.85	4.87	6.95	
March	3.90	(4.10)	2.20	1.65	(6.20)	1.50	(8.25)	4.40	3.58	3.30	
April	2.20	2.50	4.80	4.00	(3.65)	2.67	5.71	2.83	7.85	3.78	
May	4.00	5.10	4.05	6.30	4.73	1.92	2.97	2.51	2.42	3.80	
June	1.20	1.40	6.30	7.70	7.60	5.24	4.40	8.37	1.92	5.85	
July	2.80	9.10	6.47	5.30	4.55	8.08	7.45	2.88	5.20	7.40	
August	8.90	7.50	13.53	4.25	4.20	12.80	.11	6.44	4.32	7.80	
September	2.90	7.50	8.10	12.50	7.10	10.15	5.35	6.13	3.72	11.30	
October	9.00	11.40	6.65	7.65	8.45	1.21	1.35	6.59	6.40	5.97	
November	2.95	2.10	5.20	8.80	8.2	10.12	10.28	4.95	6.43	8.20	
December	8.20	6.90	5.10	7.40	4.65	7.05	6.40	6.00	11.15	3.91	
TOTALS	54.55	(68.30)	76.50	80.35	69.35	76.31	(60.19)	65.75	62.96	76.06	
	M	M	M	M	M	M	M	M	N.P.	M	

1942. February or March amended by ref to dust. Stns.

1945. Feb &amp; Mar. affected by frost

1947. Feb &amp; Mar. caused by snow

14004

30004

102

30004

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	Direction
1941			Leatherhead	11' 2 m.	S.E.	Slaidburn	6' 6 m.	E.S.E.

Station No. 3086

51

## RAINFALL at Clitheroe (Cabin Hill)

County of West Riding-Yorks

Observer

George Hay Long Esq.

River Basin Ribble - 2

Lyth Water-Bound (1/4/60)

Type of Gauge Bradford

Annual Average 68.5 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. 1. 11.5  
 " 72.76 " " 6 " - 1952-57 1916-50 File No. 660553/26  
 E 3071/36

Diameter ...	5"				573 691						
Height ...	1' 0"				1						
Altitude ...	1,569				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	6.71	8.15	3.95	6.49	4.45	6.55	8.96	7.68	2.95	5.37	
February	3.80	4.50	(2.60)	4.66	1.47	1.30	5.14	10.87	2.56	4.79	
March	8.44	3.06	1.42	4.95	2.14	1.70	6.04	1.98	3.62	1.77	
April	4.00	3.66	3.95	2.80	5.41	2.58	1.01	2.89	3.97	5.34	
May	2.40	3.46	3.58	4.02	7.40	3.76	2.91	6.57	3.18	2.25	
June	1.72	7.20	3.35	7.38	5.96	5.42	2.58	4.79	4.60	2.63	
July	6.87	7.10	9.41	13.60	.84	5.53	9.12	4.02	5.44	16.80	
August	5.04	11.00	8.76	11.68	1.09	18.96	8.93	8.27	.75	7.04	
September	6.35	8.75	10.09	10.25	4.62	5.51	15.25	6.23	.69	5.05	
October	1.92	5.50	3.35	15.85	4.41	4.04	9.81	6.43	7.51	5.10	
November	11.66	3.39	8.06	8.30	3.11	4.40	2.98	2.46	6.61	11.28	
December	17.80	8.43	4.03	11.27	6.90	7.46	9.83	4.61	9.53	7.08	
TOTALS ...	75.71	74.20	62.53	101.25	47.80	67.21	82.56	66.80	51.41	74.50	
N.P. ...	M	M	M	M	M	M	M	M	M	M	

1951. n.p. low.

20004



TOTT. total out ??

when card being punched.

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference SD(24) 621563

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			Clitheroe	11V2m. SE.	Clitheroe	614m. E. SE

Summary of Earlier Records from 10-year Sheets :

		1910-19-183	1920-30-183	1931-40-183	1941-50-183	1951-60
Record D, or d		✓	✓	✓	✓ sp 49	