

RAINFALL AT ~~Slaidburn~~, Dalton Houses

80

Lat.

Long.

County of

York

Rain Gauge, by

Observer W.C. Braine Esq. C.E.

J.B. Mc Callum Esq. C.E.

Ribble - 2.

Diameter	8	Height	1.6	1.3								1.0	
Altitude	430 ft	Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.11	.48	5.45	7.27	9.83	4.73	8.85	4.98	3.81	4.32	5.185		
February	5.04	7.89	4.63	4.18	4.70	5.98	1.41	3.48	1.85	4.44	4.360		
March	4.58	6.41	7.67	1.08	4.72	5.77	6.40	3.83	5.15	6.37	5.198		
April	2.34	2.76	7.10	2.92	1.14	2.35	4.03	2.89	3.00	3.64	3.223		
May	3.28	7.35	3.20	2.43	3.31	2.28	6.73	3.53	1.81	3.93	3.785		
June	5.57	4.75	7.25	4.22	.81	4.08	3.55	4.45	2.11	1.76	3.455		
July	5.58	7.86	9.71	4.92	6.37	2.67	7.10	3.01	9.82	3.38	6.042		
August	2.62	9.19	7.06	6.17	2.00	3.36	3.12	2.86	6.30	9.54	5.222		
September	4.29	3.27	3.41	7.86	4.51	9.44	6.64	7.07	3.72	6.51	5.642		
October	3.51	4.13	5.50	8.91	5.53	8.22	6.81	4.33	3.85	6.36	5.715		
November	9.53	6.33	9.72	6.88	3.32	4.87	6.59	4.29	9.69	2.84	6.606		
December	10.73	7.04	6.91	5.99	9.40	3.72	7.15	4.49	5.27	5.97	6.667		
TOTALS	58.18	69.46	78.67	62.83	55.64	57.17	68.38	45.21	56.38	59.06	61.098		

1888 St Andrews Slaidburn 3 1/2 miles E

Houses 2' 3" high 240 feet NW

RAINFALL AT Glaidburn Dinsop Houses

Lat.

Long.

County of

York W.R.

Rain Gauge, by

Observer

J.B. McCallum Esq. CL
G.W. Lund Esq. CL. with all my best regards

Ribble 2

Diameter	8											
Height	10											
Altitude	450 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	10.26	14.70	6.15	2.93	7.84	4.20	4.88	1.82	6.52	10.69	5.999	
February98	1.05	4.17	10.41	10.27	.71	3.25	6.21	6.33	2.06	11.5444	
March	7.12	2.96	1.53	3.10	6.47	7.22	9.69	9.16	3.39	4.66	5.630	
April	2.59	2.61	2.71	.97	2.36	4.18	3.02	4.57	3.55	6.46	2.201	
May	3.01	2.77	6.26	2.88	3.53	.74	.85	4.04	3.58	4.78	3.244	
June	5.48	1.07	4.96	2.57	4.86	2.44	3.94	5.50	4.37	2.06	2.925	
July	5.58	4.89	3.41	6.12	6.12	7.64	5.15	3.23	.75	4.00	11.689	
August	8.83	14.45	9.50	6.00	8.80	7.35	4.79	9.60	8.45	2.28	8.005	
September....	5.91	6.96	8.20	8.00	.73	1.72	9.36	6.56	2.98	8.76	5.918	
October.....	5.81	5.47	7.68	9.32	6.83	7.75	4.57	3.22	6.36	4.37	6.188	
November....	10.36	6.66	4.94	4.96	5.99	5.13	1.98	7.40	6.74	4.78	5.894	
December....	.73	12.61	4.56	6.57	7.57	7.53	9.00	8.90	8.25	5.27	7.099	
TOTALS . . .	66.66	6620	1750	6407	6383	7136	5661	6048	70.21	61.27	60.17	64.086

Correction sent 17-XI-92

1880-

RAINFALL AT Plaidburn Downspout Houses

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by

Observer W. Sturles Esq C.E.

Ribble - 2.

Diameter ..	8										
Height	10										
Altitude ...	450 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	8.41	3.41	5.24	9.10	6.25	4.55	9.22	3.79	6.96	4.05	6098
February ..	4.57	2.62	2.25	7.40	6.42	3.86	5.13	3.53	6.91	5.29	4698
March	1.09	6.07	4.33	8.65	4.24	5.57	6.63	7.36	4.39	4.05	5238
April.....	5.45	3.17	2.62	3.46	5.74	5.28	2.44	3.22	3.11	5.14	3963
May	2.02	1.05	3.76	5.09	3.43	.85	6.96	4.46	3.89	3.11	3462
June	3.71	2.94	1.45	2.49	2.04	3.64	2.58	10.95	3.52	2.88	3623
July	3.28	1.26	5.67	5.25	2.66	3.47	3.18	4.75	6.94	10.40	4689
August	6.46	5.91	4.74	8.53	6.52	6.66	6.19	7.96	6.68	5.19	6484
September ..	3.79	2.64	2.37	8.66	1.79	5.64	2.48	1.42	7.69	4.64	4112
October	9.88	5.39	6.60	13.95	5.18	5.93	11.27	5.36	3.32	8.96	7584
November ..	6.38	7.75	4.06	4.86	6.15	6.33	5.69	5.18	6.42	4.22	5704
December ..	8.94	7.40	6.41	5.96	5.26	2.24	5.34	8.15	6.00	9.53	6522
TOTALS ..	63.98	49.61	49.50	83.43	55.67	54.02	67.11	66.16	64.83	67.46	62.17

H.W.

RAINFALL at Slaidburn Dunsop House

County of W.R. Yorkshire

Observer W. Stubbs Esq. C.E.

River Basin Ribble 2

J. T. Shildes Esq. C.E. 1915

Copper riveted Rain Gauge, by
Gashers (straight pipe)

A. G. Cowman Esq. 68. 1919.

Diameter ...	8										1916 - 1919
Height	10										MEANS
Altitude ...	450 T										10 Miles
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...	8.93	2.85	6.42	6.69	7.26	10.04	8.40	5.10	6.04	8.92	28.46
February ...	6.70	9.42	3.11	3.37	6.06	8.12	6.71	1.47	9.45	1.94	19.40
March	1.49	3.68	10.11	9.86	7.85	3.16	2.72	3.99	2.47	9.97	19.15
April	4.75	4.91	1.55	6.26	2.01	3.65	5.53	2.90	1.23	8.97	12.63
May	4.24	3.65	3.40	3.54	4.20	1.89	4.21	2.33	2.19	5.58	11.96
June	3.12	5.36	8.68	4.37	1.75	1.20	4.25	4.25	2.60	1.84	12.84
July	6.47	1.26	5.12	2.09	4.79	5.30	4.12	2.39	4.90	2.71	14.12
August	8.74	4.58	8.54	2.99	3.96	6.19	4.15	10.83	5.28	6.84	26.50
September ..	.94	5.66	3.19	2.93	6.25	1.11	6.00	5.29	14.42	5.65	30.36
October ...	4.74	6.22	6.72	3.43	2.85	1.94	14.49	10.36	7.14	3.49	35.46
November ...	6.49	8.25	7.24	9.10	10.63	3.16	6.99	7.57	3.74	4.60	21.90
December ...	6.89	9.50	7.59	5.99	8.61	11.88	4.27	4.11	13.05	10.84	31.77
TOTALS ...	65.40	65.44	71.67	60.62	66.22	57.64	69.84	60.59	72.41	61.71	264.55

+ 22. VI. 15 - 4 P.M. Within wooden fence 9 ft sq. on level ground. Perfect exposure

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

RAINFALL at Slaidburn Dunscop Howsick

County of W. R. Yorkshire

Observer A. J. Goodman Esq C.E.

River Basin Ribble 2

(1929. H. M. Wall, Esq., C.E.).

Gauge Rain Gauge by

water level Black Curr.

For 1881-1915 62.9

Diameter ...	8									1930 MEAN	1920-30 10 Years
Height	1.6										
Altitude ...	430										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920-30 10 Years
January ...	7.57	11.83	5.43	9.10	5.30	6.25	8.84	7.41	19.12	3.09	9.56
February ...	5.62	7.3	9.42	7.03	1.29	8.68	8.82	4.11	8.74	1.60	3.33
March	5.57	7.98	4.39	2.16	2.79	3.09	3.95	5.17	4.89	2.05	4.84
April.....	8.39	2.71	3.43	4.65	2.78	4.67	2.88	5.47	2.01	2.35	2.49
May	8.20	3.47	2.41	5.52	7.27	5.37	4.16	2.28	'84	3.59	2.96
June	2.51	7.2	3.60	1.83	3.52	3.34	4.67	5.70	11.16	2.65	2.48
July	7.88	3.28	7.71	6.47	7.02	2.74	4.89	7.30	5.35	5.63	4.78
August	3.85	7.74	7.84	8.83	9.58	4.81	4.64	8.86	8.80	8.28	9.64
September...	3.33	2.92	6.40	8.85	7.62	5.61	6.29	10.74	2.36	3.06	3.89
October.....	1.34	4.39	1.40	11.74	7.26	9.09	6.01	7.31	10.25	10.22	11.35
November...	4.69	3.56	4.77	10.81	5.44	3.22	10.23	8.31	11.10	11.74	9.17
December...	6.06	11.47	8.34	6.44	9.38	5.65	2.76	1.99	5.47	12.66	6.41
TOTALS...	65.01	60.79	65.14	82.43	69.25	59.42	68.14	74.65	90.39	66.92	67.08

x/28 Inspected by Mr Corlett see green file

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	Direction
1930.			Slithouse	8 m.	S.E.	Slaidburn.	3½ m.	E.

RAINFALL at Slaidburn (Dunsop Houses)

County of West Riding.

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

River Basin Ribble - 2

W. Pickering Esq., C.E.

Type of Gauge M.G. (Snowdon)

G. Mc Kay, F.R.C.E. (From 1937)

Annual Average 62.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. DofN

660553/26

Diameter	8.											
Height	1.6.											
Altitude	480.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total/1	
January	9.23	8.89	4.96	7.83	3.36	6.54	5.70	10.54	7.83	3.59	58.47	
February	8.97	1.17	6.88	4.43	11.26	2.71	9.46	3.38	7.21	2.36	52.83	
March	.76	4.28	3.44	4.367	1.79	4.21	2.44	2.65	4.11	6.17	33.72	
April	4.45	5.98	2.96	3.57	4.68	1.27	4.29	1.63	3.58	4.20	36.61	
May	3.15	5.71	2.27	6.44	1.46	1.51	2.32	4.40	1.29	1.99	30.54	
June	6.85	1.81	3.53	3.27	5.67	4.08	3.21	7.14	4.84	0.87	41.27	
July	6.98	7.67	6.28	2.86	3.34	6.27	3.24	6.24	9.89	7.14	59.91	
August	5.92	1.94	3.39	8.61	2.78	4.93	2.70	4.90	2.12	3.66	40.90	
September	3.15	9.71	1.68	6.08	12.57	6.63	3.52	3.00	2.57	8.07	56.98	
October	4.34	10.76	6.63	10.64	12.55	7.96	2.28	18.85	2.47	6.41	82.39	
November	11.19	6.05	2.85	2.17	6.23	7.82	2.03	7.59	10.61	8.62	65.16	
December	5.64	4.90	1.02	9.21	4.85	8.75	3.18	7.44	5.31	8.24	58.54	
TOTALS	70.63	67.87	45.89	64.78	70.54	62.88	44.37	77.26	61.83	61.32	627.37	
	D.											

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			Catteroe	3 mls	SE	Slaidburn	3½ mls E

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

Station No. 3078 M

RAINFALL at Slaidburn (Downs) House ✓

41

County of West Riding

Observer G. Mc Kamp, Esq., C.E.

River Basin Ribble - 7

Type of Gauge Standard

Annual Average 10.29 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.8.1

File No. b60553/21

Diameter	8		573	734							
Height	16			1							
Altitude	450			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	1.50	7.50	10.53	10.03	5.16	8.15	5.65	13.03	4.80	6.47	72.82
February	7.06	2.56	4.21	3.71	9.10	7.92	1.25	4.73	4.53	7.54	52.61
March	4.55	4.25	2.15	1.00	3.62	1.58	7.05	4.24	3.08	3.93	36.45
April	2.28	3.14	4.08	3.77	4.36	1.47	4.84	2.85	7.71	4.85	39.35
May	4.39	5.36	4.61	4.97	3.82	1.64	3.04	3.04	3.06	2.47	36.40
June	6.64	1.20	6.19	4.90	5.79	3.98	4.06	8.34	1.14	5.20	41.47
July	2.63	6.70	5.46	4.73	4.22	6.88	4.35	4.14	4.19	6.21	49.51
August	10.49	8.45	9.69	4.17	2.79	10.73	.14	6.09	3.95	12.30	68.80
September	2.08	5.56	6.59	9.86	5.46	10.38	6.27	7.21	3.24	10.65	67.30
October	7.76	11.01	5.67	8.41	8.18	1.17	.89	5.09	8.28	5.36	61.81
November	3.43	2.19	5.23	10.72	.70	10.23	9.87	4.09	8.05	7.93	62.44
December	4.83	5.79	3.99	6.60	4.22	6.61	5.44	5.12	11.78	3.10	57.48
TOTALS	51.63	63.71	68.40	72.87	57.42	70.74	52.85	67.97	63.84	76.01	645.44

569-43

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			Gillhae	8m.	S.E.	Slaidburn	3'2m. E.

Station No. 3079

51

RAINFALL at Glaisburn (Dunlop House)

County of West Riding - Yorks.

Observer G. McKay Esq. C.B.

River Basin. Ribble - 2

Authority Ribble Catchment

Type of Gauge 8" Glazier

Tydale Water Board (1/4/60)

Annual Average 62.9 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. 88 of N
65.93 1916-1950 1946-1950 P

File No. 660553/26

2012X/5b

Diameter	8"		573	730						5"
Height	1' 6"		1' 2"		1		1' 6"			2
Altitude	450'				51					.
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	7.71	7.63	2.96	7.46	5.08	5.72	7.55	6.40	4.98	9.36
February	5.31	2.73	2.62	4.89	2.72	1.08	5.07	11.50	1.31	6.12
March	6.13	4.79	1.84	4.13	2.08	1.72	5.55	2.14	3.40	2.06
April	4.78	4.03	4.03	1.74	4.25	2.35	.71	2.80	4.06	5.05
May	2.81	3.64	3.14	3.33	6.36	3.48	3.34	7.26	2.55	2.58
June	1.69	4.89	3.42	5.31	3.83	3.15	2.62	4.64	4.41	2.84
July	4.18	3.55	9.80	11.14	2.04	5.52	7.28	4.86	5.73	13.63
August	5.68	9.58	7.04	8.06	0.83	15.21	7.20	6.14	.74	6.59
September	5.58	6.77	8.85	11.15	4.46	4.09	9.47	6.84	.66	4.81
October	2.50	5.14	2.10	14.27	4.04	4.37	9.13	6.61	8.29	4.58
November	10.80	3.39	9.31	11.46	3.09	2.63	2.35	2.97	7.63	13.51
December	16.73	6.10	3.27	10.75	8.43	6.98	7.80	5.55	14.60	8.40
TOTALS	73.30	62.24	58.38	93.69	47.21	56.30	68.07	67.71	58.36	79.53
	D	D	D	D	D	d	d	d	d	d

Ins. 9.10.63. Funnel rim distorted (8" in + 7.81 in). Painted inside funnel. No tube.
 New gauge and measure recommended. Good site in valley west of stream.
 Bill 59. Eng. Tydale Water Board States +10 to be built and 8" S replaced by MR II 5" 1958 Point.

Jan 1960. T. W. built and 5" S installed

(Bk of Analyses)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD(34)654515

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	1910-19 123	1920-30 123	1931-40 123	1941-50 123	1951-60
	✓	✓	✓	✓	✓