

RAINFALL AT Slaidburn, Premaud

Lat.

Lon.

County of

Yorkshire

Rain Gauge, by

Observer

W. D. Penru, Esq., C.E.
J. B. McCallum Esq., C.E.

Ribble - 2.

Diameter	8									
Height	1.6	1.3						1.0		
Altitude	820 ft									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	MEANS.
January	1.11	.56	5.27	7.05	8.21	5.03	9.28	5.70	4.37	5.02
February	5.20	6.15	4.99	5.66	5.33	6.72	2.01	3.64	2.99	5.05
March	4.21	5.89	6.65	1.25	5.31	6.32	6.00	3.91	6.29	5.87
April	2.71	2.38	6.47	2.89	1.56	2.60	4.22	2.87	3.84	3.15
May	3.27	5.91	3.08	1.84	3.72	2.52	6.22	3.46	2.29	3.88
June	6.35	5.33	5.20	5.06	1.13	3.77	3.33	-53	2.87	1.61
July	6.37	7.54	10.37	5.57	6.19	2.62	8.05	4.04	11.85	3.99
August	2.99	8.72	5.72	6.50	2.25	3.57	3.75	2.89	6.44	10.79
September	5.04	2.73	3.59	9.22	6.17	8.83	5.96	6.84	4.63	7.39
October	3.32	3.50	5.62	8.38	6.99	7.90	7.47	3.78	4.27	7.17
November	7.72	8.18	8.77	6.61	3.13	5.14	6.50	4.51	10.48	3.30
December	9.15	6.40	5.94	6.11	8.13	4.09	7.90	4.63	5.94	6.56
TOTALS	59.44	63.29	72.70	66.14	58.40	59.05	70.69	46.80	66.25	66.78
										62.760

1888 St Andrews Slaidburn 4 miles SE of E

RAINFALL AT Haldiburn Brennand

Lat.

Long.

County of

York W.R.

Rain Gauge, by

Observer

J.B. McCullum Esq. Cl.
W. Stalls Esq. Cl.

Ribble 2

Diameter	8										
Height	10										
Altitude	820	M									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.74	11.01	8.33	3.67	7.65	3.95	6.11	2.03	7.90	10.59	6.4418
February	1.45	1.76	4.72	8.95	10.53	1.05	5.60	6.75	6.06	2.77	4.964
March	7.80	3.77	1.34	3.45	5.69	8.18	11.68	9.60	4.22	4.90	6.063
April	2.47	2.86	2.75	.81	2.94	4.52	3.45	4.71	4.44	5.90	3.1185
May	3.39	3.54	7.12	2.67	4.02	.94	1.26	4.50	3.82	4.34	3.560
June	6.91	1.51	4.78	2.89	5.89	2.07	5.31	6.18	5.42	1.81	4.2771
July	6.78	5.17	2.90	5.71	6.37	7.81	5.86	3.19	1.24	4.11	4.914
August	8.40	16.65	10.08	5.72	10.42	9.28	5.16	9.00	8.17	2.41	8.529
September	9.05	8.59	9.94	9.42	.80	2.15	10.78	6.81	3.65	8.72	6.991
October	7.60	6.96	8.30	10.81	7.73	9.58	5.48	3.47	6.57	4.73	7.122
November	12.94	7.77	5.03	7.35	7.00	6.25	2.75	7.79	7.61	5.55	6.951
December91	13.30	5.21	7.61	7.64	8.62	9.80	9.61	8.86	5.51	7.707
TOTALS	78.44	79.36	76.47	70.50	69.06	76.68	64.40	73.24	73.64	67.96	61.3471.062

Correction sent 17-XI-92

1880-

RAINFALL AT Ribble - 2.

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by

Observer, W. Stubb, Esq. CL

Diameter ..	8									
Height ..	1.0									
Altitude ..	820 ft									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..	8.88	4.09	8.04	8.52	7.57	6.55	10.97	4.06	7.47	4.51
February ..	4.90	2.93	2.21	8.34	6.46	4.57	4.98	4.49	7.29	6.79
March ..	1.27	6.54	5.52	8.34	4.65	6.27	6.65	6.92	4.87	4.68
April ..	5.63	4.39	3.14	4.12	6.72	5.97	2.58	3.89	3.31	5.14
May ..	2.70	1.21	4.85	4.61	3.71	1.99	7.98	4.66	4.81	3.54
June ..	4.05	2.65	1.74	2.45	2.35	3.52	3.68	10.53	4.19	2.85
July ..	3.92	2.14	8.50	4.70	4.70	4.83	4.32	4.26	6.64	11.45
August ..	7.69	6.86	4.86	9.70	5.96	6.52	7.25	8.67	6.55	6.41
September ..	4.76	3.33	2.92	8.34	2.03	6.84	2.83	1.55	8.75	4.71
October ..	11.21	6.83	7.28	14.97	6.06	7.38	11.58	6.64	3.66	10.41
November ..	6.69	10.58	5.20	6.21	7.50	7.15	6.57	5.65	7.40	4.55
December ..	8.46	7.65	6.96	6.04	6.14	2.26	7.34	8.16	6.05	9.82
TOTALS ..	70.16	59.20	61.22	86.34	63.88	63.85	76.73	69.48	70.99	74.36
										69.68 <small>1.5%</small>

H.W.

RAINFALL at Haldiburn Brewood

County of W.R. Yorkshire

Observer

W. Stubbs Esq. C.E.

River Basin

Ribble 2

J. T. Sheldby Esq. C.E. 915
A. Y. Goodman Esq. C.E. 1918

Rain Gauge, by

Diameter ...	8										
Height	10									1.6	
Altitude ...	820 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS: 1052.12
January ...	9.45	3.44	6.46	7.99	8.39	8.41	8.57	4.69	6.88	7.92	28.06
February ...	11.03	8.14	2.85	3.27	6.11	7.73	6.35	2.01	8.20	1.82	18.38
March	1.99	3.95	11.03	9.22	8.70	4.44	2.33	4.23	2.67	8.50	17.73
April	5.24	4.99	2.10	7.18	2.13	4.36	3.96	3.06	1.89	4.05	12.66
May	4.32	3.63	3.55	4.02	4.03	1.80	4.77	2.80	2.35	3.17	13.09
June	3.56	5.57	10.57	4.61	2.35	.99	3.80	4.37	3.37	3.31	13.85
July	7.95	1.34	5.67	1.79	5.58	5.29	4.97	2.59	5.55	3.01	16.12
August	10.31	5.55	9.10	3.37	3.47	6.71	4.38	10.95	6.41	6.75	28.49
September ..	1.45	5.37	3.64	3.81	5.16	1.15	4.89	5.26	12.40	5.28	27.78
October ...	5.02	6.54	6.41	3.43	2.85	2.04	11.48	10.94	7.61	3.65	33.68
November ...	7.53	9.38	8.92	8.70	10.04	2.99	6.60	9.45	3.84	4.84	24.73
December ...	9.41	12.83	7.07	6.15	8.70	11.01	4.35	4.11	10.47	11.43	30.36
TOTALS ...	77.26	70.70	77.40	63.54	67.51	56.92	66.45	64.46	71.34	62.68	264.93

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

RAINFALL at Slaidburn Brennand

County of W. R. Yorkshire)

Observer A. J. Goosman Esq. C.B.

River Basin Ribble 2

(H.M. Webb Esq. C.B. 1920).

M.O. Rain Gauge, by

Water Tower Blackburn

Diameter ...	9											
Height	1	0								1	6	
Altitude ...	820											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MARCH	1920-30 Totals
January ...	6.99	12.03	5.60	12.73	5.38	5.54	9.83	7.67	18.80	2.53	9.06	95.16
February ...	5.24	1.26	9.50	8.09	1.71	8.56	9.26	4.55	8.51	1.36	.33	58.37
March	7.36	7.41	4.54	2.20	2.81	3.42	3.91	5.93	5.69	2.07	5.26	50.60
April.....	8.29	3.00	3.32	4.99	2.90	3.83	3.60	6.00	2.87	2.42	2.15	43.58
May	7.91	3.72	2.54	6.15	7.51	5.63	4.21	2.48	1.09	3.49	2.18	46.91
June	3.16	1.19	5.40	2.71	4.13	.81	5.70	5.19	10.65	2.97	2.39	44.30
July	8.49	2.46	7.94	8.68	6.16	4.07	5.10	6.31	6.97	6.31	5.29	67.78
August	4.04	8.24	7.99	9.30	9.30	5.34	5.64	9.33	9.76	9.57	10.26	88.77
September...	4.19	3.32	8.08	9.23	7.82	5.89	6.60	10.17	9.23	3.77	4.26	65.56
October.....	1.76	4.92	2.33	11.23	7.76	9.21	5.49	7.25	9.25	11.13	12.21	82.24
November...	4.11	3.74	5.51	10.84	6.04	3.47	10.76	7.39	11.36	12.40	8.64	84.26
December...	5.91	12.63	9.44	6.99	11.33	4.99	3.96	1.97	6.16	12.87	7.01	83.26
TOTALS...	67.45	63.92	72.19	90.14	72.85	60.76	72.76	74.24	92.54	70.90	70.04	810.79

X/28 Inspected by Mr. Carters see green file

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1930.			Blitheroose	10 1/2 m.	S.E.	Slaidburn	5 1/2 m.	E.S.E.

RAINFALL at Slaidburn (Brennand)

County of West Riding

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

River Basin Ribble - 2

W. Pickering Esq., C.E.

Type of Gauge M.O. S. Showdon

G. M. Ray Esq. C.E. (from 1939)

35

1931-1935

5

Annual Average 18.30 in. based on 44 years obs. un-weighted. Period of average 1935-1936

Ref. 66553/26

Diameter	8.	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Mean
Height	1.6.											
Altitude	820.											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	11.69	9.32	5.72	7.35	4.61	6.80	6.10	10.15	6.95	3.89	7.258	
February	9.41	2.22	6.97	4.46	11.28	3.10	9.20	3.68	6.52	2.65	53.49	
March	.91	4.43	3.24	3.94	2.12	4.36	2.67	3.64	4.44	6.47	35.94	
April	5.26	5.50	3.23	3.41	4.28	1.44	5.00	2.11	3.89	4.54	38.66	
May	3.43	5.86	2.12	5.83	1.72	1.53	2.63	4.83	1.06	1.67	30.68	
June	9.12	2.08	3.45	3.20	6.17	5.26	4.76	7.47	4.62	0.67	46.80	
July	7.48	7.46	6.03	3.88	4.36	7.31	2.96	6.54	8.47	7.66	62.15	
August	7.55	2.47	4.27	8.21	3.49	4.58	2.42	5.41	2.55	5.27	46.22	
September	3.72	10.59	1.77	6.08	12.15	7.65	3.59	3.62	3.03	9.31	61.51	
October	4.40	10.29	6.94	13.54	15.08	8.27	2.61	17.27	3.67	6.45	88.52	
November	12.35	5.09	3.10	2.83	6.66	8.87	1.82	8.30	9.44	7.88	66.36	
December	5.92	4.75	1.07	9.77	5.46	9.93	3.94	7.92	3.82	9.80	62.37	
TOTALS	81.24	68.06	47.91	68.50	77.37	64.10	47.70	80.94	68.20	66.26	665.28	
	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 from gauge	Parish Church.	Distance from gauge
1931			Clitheroe	10½ mds.	SE.	Slaidburn	5½ mds E.S.E.

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

Station No. 3082

RAINFALL at Slaidburn (Brennan and)

41

County of West Riding

Observer

S. M. K. Eng. C.E.

River Basin Ribble 2

Type of Gauge Standard

Annual Average 8.3ain. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 66.0553/2

Diameter	8		573	696						8" * 5"	
Height	1	6			1					1'6" 1'0"	
Altitude	820			41						1441-50 Means Totals	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	
January	1.67	7.84	9.33	10.93	4.50	6.66	5.96	12.93	5.31	7.41	72.54
February	7.06	3.03	3.72	3.76	7.85	6.94	9.77	4.28	5.55	7.39	50.54
March	4.17	3.86	1.91	1.39	3.93	1.55	7.19	4.56	3.57	4.08	36.01
April	2.84	2.92	4.05	4.09	2.86	1.88	5.35	2.87	4.54	4.33	38.76
May	4.74	5.91	4.32	4.09	3.01	1.89	3.10	2.48	2.82	2.78	35.64
June	7.75	1.05	5.29	4.95	5.30	3.90	4.06	8.90	1.66	6.66	42.52
July	2.19	7.60	5.16	4.47	3.85	6.80	5.69	4.23	4.33	7.62	51.94
August	9.27	7.95	10.28	3.26	3.57	10.89	.08	6.74	4.48	(1046)	66.98
September	2.98	6.26	6.34	3.59	5.72	4.38	5.87	7.30	3.70	10.89	68.03
October	7.63	12.17	5.05	8.90	7.78	1.17	1.01	6.36	8.47	4.88	62.39
November	3.75	2.27	4.26	8.22	9.0	10.99	8.72	4.37	8.40	7.80	59.68
December	6.56	5.30	4.95	5.91	4.25	7.04	5.48	5.75	9.77	3.66	58.67
TOTALS	53.60	66.16	64.66	69.56	53.52	69.09	53.48	71.07	65.93	77.63	644.70

* 1950 a 6" gauge was installed on Aug 26th when 8" gauge was washed away in floods. Station 00204 Aug point estimated by Aug year.

567.07

00204

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			Gillthorpe	10 1/2 m.	S.E.	Slaidburn	5 1/2 m.	E.S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 3082

51

RAINFALL at Glodburn (Brennand)

County of West Riding - Yorks

Observer

G. H. C. Kaye Esq. C.M.

River Basin Ribble 2

Lytham Water Board (1/4/60)

Type of Gauge. Standard Octapent.

Annual Average 18.30 in. based on 35 years obs. un-weighted. Period of average.

68.16 - 1916-1950

1881-1915 Ref. S

1916-1950 P

File No. 660.553/26

20/2/1/56

Diameter	5"	8"	573	696							
Height	1'6"	1'3"									
Altitude	820'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	7.52	8.46	4.18	6.44	4.86	5.23	5.96	5.68	3.44	5.35	
February	5.50	3.70	3.52	5.13	2.70	1.51	5.02	10.73	1.56	4.54	
March	7.17	4.44	1.54	4.40	2.31	1.71	4.20	2.13	2.81	1.71	
April	4.03	5.03	4.81	2.02	4.27	2.30	.52	1.85	2.77	5.15	
May	3.18	4.01	3.67	4.41	7.17	3.63	2.95	5.89	2.41	2.19	
June	1.62	5.66	3.87	6.68	4.92	4.17	1.97	4.01	4.18	2.60	
July	6.47	5.31	10.10	13.07	1.70	5.52	7.14	3.98	4.82	17.37	
August	5.71	9.81	7.39	9.94	1.03	15.37	6.95	4.90	.88	6.80	
September	5.44	8.49	8.94	10.94	5.54	5.27	12.20	5.41	.56	5.28	
October	2.74	6.00	3.40	14.92	4.56	3.95	7.58	5.10	6.41	4.95	
November	11.73	3.29	8.37	10.95	3.46	2.69	2.84	2.18	6.22	12.50	
December	18.06	6.33	3.40	13.50	7.95	7.27	8.12	4.98	10.69	7.85	
TOTALS	79.17	70.53	63.19	102.40	50.47	58.62	65.45	56.84	46.75	76.29	
D	D	d	d	d	d	d	d	P	P	M	

Int. 9.10.53. G. sound. Four bar iron fence 3'6" high 4'4" wide. G. about 10' from edge of culvert to west. Vertical drop of 8' into culvert.

1956 Rather less, but accept. 3.12.59. Letter from Eng. Fylde Water Board says H.H.T.

1957 np. low.

1958 -P low.

Jan 1960. G. moved 20'. Octapent installed S.W. wind.

1959:- np low

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD 632 547

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Clitheroe	10.6m SE	Glodburn	51am ESE

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
		V	V	V	V	V
			D 25-30	V	Vant 45	