

RAINFALL AT *Slaidburn, Dunston Houses*

80

Lat. _____

Lon. _____

County of *Yorks*

Rain Gauge, by _____

Observer *M. B. Orman, Esq. C.E.*
J. B. W. Callum Esq. C.E.

Ribble - 2.

Diameter	8											
Height	1.6		1.3					1.0				
Altitude	450 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	5.183	
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	.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	8.33	9.72	6.88	3.32	4.87	6.59	4.29	9.69	2.84	6.606	
December	10.73	7.04	5.91	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 *L. Andrews Slaidburn 3 1/2 miles E*
Houses 2'3" high 240 feet NW

RAINFALL AT *Slaidburn Dring Houses*

Lat. _____ Lon. _____ County of *York W.R.*

Rain Gauge, by _____ Observer *J.B. McCallum Esq. C.E.*
S.W. Lund Esq. C.E. Withall Esq. C.E.

Ribble 2

Diameter	8											
Height	10											
Altitude	450 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	10.26	11.70	6.15	2.93	7.84	4.20	4.88	1.82	6.52	10.69	5.999	
February ....	.98	1.05	4.17	10.41	10.27	.71	3.25	6.21	6.33	2.06	11.544	
March	7.12	2.96	1.53	3.10	6.47	7.22	9.69	9.16	3.39	4.66	5.530	
April	2.59	2.61	2.71	.97	2.35	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	2.725	
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	5.86 5.47	7.68	9.32	6.83	7.75	4.57	3.22	6.36	4.37	6.138	
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	67.37 66.20	64.07	63.83	71.36	56.61	60.48	70.21	61.27	60.17	64.086	

Correction sent 17-XI-92

1880

RAINFALL AT

Slaidburn Dunsop Houses

3079

Lat.

Lon.

County of

York W.R. Northern

Rain Gauge, by

Observer

W. Stubbins Esq. Ch.

Riddle - 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	6.098	
February ...	4.57	2.62	2.25	7.40	6.42	3.86	5.13	3.53	5.91	5.29	4.698	
March	1.09	6.07	4.33	8.65	4.24	5.57	6.63	7.36	4.39	4.05	5.238	
April	5.45	3.17	2.62	3.46	5.74	5.28	2.44	3.22	3.11	5.14	3.963	
May	2.02	1.05	3.76	5.09	3.43	.85	6.96	4.46	3.89	3.11	3.462	
June	3.71	2.94	1.45	2.49	2.04	3.64	2.58	10.98	3.52	2.88	3.623	
July	3.28	1.26	5.67	5.28	2.66	3.47	3.18	4.75	6.94	10.40	4.689	
August	6.46	5.91	4.74	8.53	6.52	6.66	6.19	7.96	6.68	5.19	6.484	
September ..	3.79	2.64	2.37	8.66	1.79	5.64	2.48	1.42	7.69	4.64	4.112	
October	9.88	5.39	6.60	13.95	5.18	5.93	11.27	5.36	3.32	8.96	7.584	
November ...	6.38	7.75	4.06	4.86	6.15	6.33	5.69	5.18	6.42	4.22	5.704	
December ...	8.94	7.40	6.41	5.96	5.25	2.24	5.34	8.15	6.00	9.53	6.522	
TOTALS ...	63.98	49.61	49.50	83.43	55.67	54.02	67.11	66.16	64.83	67.46	62.17	

Hus

RAINFALL at Slaidburn Dunsop HousesCounty of W R YorkshireObserver W Stubbs Esq C.E.River Basin Ribble 2J. T. Shield Esq C.E. 1915Copper rivetted Rain Gauge, by
Haishes (straight pipe)A. Y. Crossman Esq 66. 1919.

Diameter ...	8										
Height	1 0								1.6		
Altitude ...	450 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS Totals
January ...	8.83	2.85	6.42	6.69	7.26	10.04	8.40	5.10	6.04	8.92	28.46
February ...	8.70	9.42	3.11	3.37	6.06	8.12	6.71	1.47	9.45	1.99	19.40
March	1.49	3.68	10.11	9.86	7.85	3.16	2.72	3.99	2.47	9.99	19.15
April	4.75	4.91	1.55	6.26	2.01	3.65	5.53	2.90	1.23	2.99	12.63
May	4.24	3.65	3.40	3.54	4.20	1.89	4.21	2.33	2.19	3.23	11.96
June	3.12	5.36	8.68	4.37	1.75	1.20	4.25	4.25	2.80	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	6.24	26.50
September ..	.94	5.66	3.19	2.93	6.25	1.11	6.00	5.29	14.42	5.65	38.36
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	5.99	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	10.34	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 H.R.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 Dunlop HouseCounty of W. R. YorkshireObserver A. T. Gosseman Esq. C.E.River Basin Ribble 2

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

Glaisher Rain Gauge, by

Water Eng. BlackburnAv 1881-1915 62.9

Diameter ...	8											
Height	1 6											
Altitude ...	450											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean.	1920-30 Total
January ...	7.57	11.82	5.43	9.10	5.30	6.25	8.84	7.41	19.12	3.09	9.56	93.49
February ...	5.62	7.3	9.42	7.03	1.29	8.68	8.82	4.11	8.74	1.60	.33	56.37
March	5.57	7.48	4.39	2.16	2.79	3.09	3.95	5.17	4.89	2.05	4.84	46.88
April	8.39	2.71	3.43	4.65	2.78	4.57	2.88	5.47	2.01	2.35	2.49	41.73
May	8.20	3.47	2.41	5.52	7.27	5.37	4.16	2.28	1.84	3.59	2.36	45.47
June	2.51	7.2	3.60	1.83	3.52	.34	4.67	5.70	11.46	2.65	2.48	39.48
July	7.88	3.28	7.71	6.47	7.02	2.74	4.89	7.30	5.35	5.63	4.78	63.05
August	3.85	7.74	7.84	8.83	9.58	4.81	4.64	8.86	8.80	8.28	9.64	82.87
September...	3.33	2.92	6.40	8.85	7.62	5.61	6.29	10.74	2.36	3.06	3.89	61.07
October	1.34	4.39	1.40	11.74	7.26	9.09	6.01	7.31	10.25	10.22	11.35	80.36
November...	4.69	3.56	4.77	10.81	5.44	3.22	10.23	8.31	11.10	11.74	9.17	83.04
December...	6.06	11.47	8.34	6.44	9.38	5.65	2.76	1.99	5.27	12.66	6.19	76.41
TOTALS...	65.01	60.79	65.14	82.43	69.25	59.42	68.14	74.65	90.39	66.92	67.08	770.22

x/28 Inspected by Mr. Corley 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	Parish Church.	Distance from gauge	Direction
1930.			Blitheroe	8 m.	S.E.	Slaidburn.	3 1/2 m.	E.

RAINFALL at Slaidburn (Dunsop Houses)County of West RidingObserver H. M. Wabb, Esq., C.E.River Basin Ribble - 2W. Pinstone Esq. C.E.Type of Gauge M.C. & SnowdenG. Mc Kay. Esq. C.E. (from 1937)Annual Average 57.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Bo.M.660553/26

Diameter	8.										
Height	1.6.										
Altitude	450.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	9.23	8.89	4.96	7.83	3.36	6.54	5.70	10.54	7.83	3.59	68.47
February	8.97	.17	6.88	.43	11.26	2.71	9.46	3.38	7.21	2.36	52.83
March	.76	4.28	3.44	3.67	1.79	4.41	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	4.42	2.70	4.90	2.12	3.66	40.95
September	3.15	9.71	1.68	6.08	12.57	6.62	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	18.35	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.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

Position of Station on reduced Ordnance Survey Map,
1 mile 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 from gauge
1931			Clixthorpe	8 mls	SE	Slaidburn	3 1/2 mls	E

Station No. 3278 M

RAINFALL at Slaidburn (Dunsop House) ✓

41

County of West Riding

Observer G. McKay Esq. C.E.

River Basin Ribbles - 2

Type of Gauge Sirocco

Annual Average 42.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.S.N.

File No. 660553/6

Diameter	8			573	734 ⁰						
Height	16				1						
Altitude	450				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	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	35.45
April	2.26	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	.64	1.20	6.19	4.30	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	7.75	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	5.73	3.99	6.60	4.22	6.61	5.44	5.12	11.78	3.10	57.48
TOTALS	51.63 D	63.71 D	68.40 D	72.87 D	57.42 D	70.74 D	52.85 D	67.97 D	63.84 D	76.01 D	645.44

569.43

Position of Station on reduced Ordnance Survey Map, 1 mile 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 from gauge.
1941			Slithouse	8m.	S.E.	Slaidburn	3 1/2 m.	E.

BRITISH RAINFALL ORGANIZATION

RAINFALL at ⁶ Glaisher (Dunlop House) Station No. 3079 T.F. 51
 County of West Riding - Yorks Observer G. M. Kay Esq. C.E.
 River Basin Ribble - 2 Fylde Water Board (1/4/60)
 Type of Gauge Glaisher

Annual Average 62.9 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. 881A
65.93 " " " " " 1916-1950 196-1950 66.0553/26 P
 File No. 2022/156

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	Means Total
January ...	7.71	7.63	2.96	7.46	5.08	5.72	7.55	6.40	4.98	9.36	64.85
February ...	5.31	2.73	2.62	4.89	2.72	1.08	5.07	11.50	1.31	6.12	43.35
March ...	6.13	4.79	1.84	4.13	2.08	1.72	5.55	2.14	3.40	2.06	33.84
April ...	4.78	4.03	4.03	1.74	4.25	2.35	.71	2.80	4.06	5.05	33.80
May ...	2.81	3.64	3.14	3.33	6.36	3.48	3.34	7.26	2.55	2.58	37.89
June ...	1.69	4.89	3.42	5.31	3.83	3.15	2.62	4.64	4.41	2.84	36.80
July ...	4.18	3.55	9.80	11.14	2.04	5.52	7.28	4.86	5.73	13.63	67.73
August ...	5.68	9.58	7.04	8.06	0.83	15.21	7.20	6.14	.74	6.59	67.07
September ...	5.58	6.77	8.85	11.15	4.46	4.09	9.47	6.84	.66	4.81	62.68
October ...	2.50	5.14	2.10	14.27	4.04	4.37	9.13	6.61	8.29	4.58	61.03
November ...	10.80	3.39	9.31	11.46	3.09	2.63	2.35	2.97	7.63	13.51	67.14
December ...	16.73	6.10	3.27	10.75	8.43	6.98	7.80	5.55	14.60	8.40	88.61
TOTALS ...	73.30	62.24	58.38	92.69	47.21	56.30	68.07	67.71	58.36	79.53	664.79

Ins. 9.10.53. Funnel rim distorted (8.11.52 + 7.81.52). Painted inside funnel. No tube.
 New gauge and measure recommended. Good site in valley west of stream.
 Ill. 59. Eng. Fylde Water Board states +10 to be built and 8" S replaced by 11/8" S.
 1958 Paint.
 Jan 1960. T.W built and 5" G installed

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 5034654515

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
	✓	✓	✓	✓	
		D 25-30	✓	✓	