

80

RAINFALL AT Slaidburn, DUNSTON HOMES

Lat.

Lon.

County of Yorks

Rain Gauge, by.....

Observer.

W. B. Braine Esq, C.E.

J. B. Mc 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	1.48	0.45	7.27	9.83	4.73	8.85	4.98	3.81	4.32	5.183
February	5.04	7.89	4.03	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	9.14	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	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 Sl. Andrews Slaidburn 3 1/2 miles E
Houses 2' 3" high 240 feet NW

RAINFALL AT Slaidburn Dinsop Houses

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer J.B. McCallum Esq C.S.

S.W. Lund Esq Ch. W. Tull Esq C.S.

Ribble 2

Diameter	8										
Height	10										
Altitude	450 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.26	4.70	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	4.544
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	3.301
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	3.725
July	5.58	4.89	3.41	6.12	6.12	7.64	5.15	3.23	.75	4.00	4.689
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	6.138
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	66.20	67.35	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 *Standburn Dunsop Houses*

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by

Observer *W. Stubbs Esq. Ch.*

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	60.98
February ..	4.57	2.62	2.25	7.40	6.42	3.86	5.13	3.53	5.91	5.29	46.98
March	1.09	6.07	4.33	8.65	4.24	5.57	6.63	7.36	4.39	4.05	52.38
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	46.89
August	6.46	5.91	4.74	8.53	6.52	6.66	6.19	7.96	6.68	5.19	64.84
September ..	3.79	2.64	2.37	8.66	1.79	5.64	2.48	1.42	7.69	4.64	41.12
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	65.22
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 Houses

County of W.R. Yorkshire

Observer W. Stubbs Esq C.E.

River Basin Ribble 2

J. T. Shiel Esq C.E. 1915

Copper ribbed Rain Gauge, by
Glaisher (straight pipe)

A. G. Lowman Esq 68. 1919.

Diameter ...	8										
Height	10									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	8.99	12.63
May	4.24	3.65	3.40	3.54	4.20	1.89	4.21	2.33	2.19	3.88	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	1.36	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	5.00	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	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 Dunsop House.

County of W. R. Yorkshire

Observer A. T. Goosman Esq. C.E.

River Basin Ribble 2

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

Glaisher

Rain Gauge, by

water temp Black lmn.

Av 1881-1915 62.9

Diameter ...	8												
Height	1.6												
Altitude ...	450												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	1920-30 Totals	
January ...	7.57	11.83	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	7.18	4.39	2.16	2.49	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	'84	3.59	2.36	45.47	
June	2.51	7.2	3.60	1.83	3.52	3.34	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	9.36	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	5.47	12.66	6.19	76.41	
TOTALS...	65.01	60.79	65.14	83.43	69.25	59.42	68.14	74.65	90.39	66.92	67.08	770.22	

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	Parish Church.	Distance from gauge
1930.			Blithesoe	8 m.	S.E.	Slaidburn.	3½ m. S.

RAINFALL at Slaidburn (Dunsop Houses)

County of West Riding.

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

River Basin Ribble - 2

W. Pickstone Esq., C.E.

Type of Gauge M.C. S. Snowdon

G. Mc Kay, Esq., C.E. (from 1939)

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

660553/26

Diameter	8.	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
Height	1.6.											
Altitude	450.											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
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	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	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	4.93	2.70	4.90	2.12	3.66	40.95	
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	18.35	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.											

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
1931			Clitheroe	8 mls	SE	Slaidburn	3½ mls	E

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

Station No. 3079 M

RAINFALL at Slaidburn (Dunlop House) ✓

41

County of West Riding

Observer of Mr. Kay, Esq., C.E.

River Basin Ribble - 2

Type of Gauge Standard

Annual Average 22.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.O.N.

File No. 660553/26

Diameter	8			573	734 ⁰						
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	35.45
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	1.64	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	7.75	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	5.79	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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1941			Blithesoe	8 m.	S.E.	Slaidburn	3½ m.	E.

BRITISH RAINFALL ORGANIZATION

A.M. Form 1903. Air Ministry, Meteorological Office.

RAINFALL at Slaidburn (Dunsoe House)Station No. 3079

TF. 85 51

County of West Riding - Yorks

Observer

G. McKay Esq. C.B.River Basin Ribble - 2Authority B.R.A.S.S. BlackhamType of Gauge Slade GlaisherFylde Water Board (1/4/60)Annual Average 62.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. BB of N
65.93 1916-1950 196-1950 PFile No. 660553/262012X/56

Diameter ...	<u>8"</u>			<u>573</u>	<u>730</u>					<u>5"</u>
Height ...	<u>1' 6"</u>		<u>1' 2"</u>		<u>1</u>		<u>1' 6"</u>			<u>2</u>
Altitude ...	<u>450'</u>				<u>51</u>					.
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	7.71	<u>7.63</u>	2.96	7.46	<u>5.08</u>	5.72	7.55	<u>6.40</u>	4.98	9.36
February	5.31	<u>2.73</u>	2.62	<u>4.89</u>	<u>2.72</u>	1.08	5.07	<u>11.50</u>	1.31	6.12
March	6.13	<u>4.79</u>	1.84	4.13	<u>2.08</u>	1.72	5.55	<u>2.14</u>	3.40	2.06
April	4.78	<u>4.03</u>	4.03	1.74	<u>4.25</u>	2.35	.71	<u>2.80</u>	4.06	5.05
May	2.21	<u>3.64</u>	3.14	3.33	<u>6.36</u>	3.48	3.34	<u>7.26</u>	2.55	2.58
June	1.69	<u>4.89</u>	3.42	5.31	<u>3.83</u>	3.15	2.62	<u>4.64</u>	4.41	2.84
July	4.18	<u>3.55</u>	9.80	11.14	<u>2.04</u>	5.52	7.28	<u>4.86</u>	5.73	13.63
August	5.68	<u>9.58</u>	7.04	8.06	<u>0.83</u>	15.21	7.20	<u>6.14</u>	.74	6.59
September	5.58	<u>6.77</u>	8.85	11.15	<u>4.46</u>	4.09	9.47	<u>6.84</u>	.66	4.81
October	2.50	<u>5.14</u>	2.10	14.27	<u>4.04</u>	4.37	9.13	<u>6.61</u>	8.29	4.58
November	10.80	<u>3.39</u>	9.31	11.46	<u>3.09</u>	2.63	2.35	<u>2.97</u>	7.63	13.51
December	16.73	<u>6.10</u>	3.27	10.75	<u>8.43</u>	6.98	7.80	<u>5.55</u>	14.60	8.40
TOTALS ...	73.30	<u>62.24</u>	58.38	93.69	<u>47.21</u>	56.30	68.07	<u>67.71</u>	58.36	79.53
	D	<u>D</u>	D	D	<u>d</u>	d	d	<u>d</u>	d	d

Ins. 9.10.53. Funnel rim distorted (8.11 in + 7.81 in). Painted inside funnel. No tube.

New gauge and measure recommended. Good site in valley west of stream.

3.11.59. Eng. Fylde Water Board states T.W to be built and 8" S. replaced by 4" R. II 5";
1958 Point.

Jan 960. T.W built and 5" G. 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	Direction	Parish Church.	Distance from gauge

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

Record D, or d		1910-19 <u>138</u>	1920-30 <u>128</u>	1931-40 <u>128</u>	1941-50 <u>128</u>	1951-60
		✓	✓	✓	✓	✓