

RAINFALL AT ~~Hawthorn~~, ~~Barden Fell~~**80**

Lat. _____

Lon. _____

County of ~~York~~

Weekly

Rain Gauge, by _____

Observer *M. D. Organ, Esq., L.E.**J. B. Mc. Callum Esq., C.R.*

Ribble - 2

Diameter	8										
Height 2.6	3.1										
Altitude 1540 ft	2.6										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	·70	(-·50)	3.50	5.40	7.30	3.60	5.90	1.90	2.34	2.90	3.404
February	4.30	(5.50)	5.70	3.50	3.30	4.00	1.10	1.90	.87	1.43	3.160
March	3.50	11.00	4.50	.60	4.30	3.90	4.00	2.10	3.63	5.00	3.653
April	2.00	3.80	5.80	3.00	1.30	1.90	2.30	2.00	2.70	2.90	2.770
May	2.80	5.10	3.10	1.10	3.30	1.90	5.20	2.20	2.00	4.00	3.070
June	6.50	4.10	6.70	4.60	·50	3.30	2.50	·30	4.90	1.30	3.470
July	6.80	6.60	8.00	4.90	6.30	2.10	6.60	2.80	10.08	3.60	5.778
August	3.00	7.40	4.40	4.60	2.20	1.90	2.50	2.20	7.14	8.10	4.344
September	4.80	1.90	2.80	8.10	4.50	6.70	4.90	6.45	1.30	4.40	4.585
October	1.30	3.10	4.70	7.10	3.50	5.20	6.30	1.62	2.70	6.60	4.212
November	6.40	6.60	7.40	5.30	2.10	3.70	4.70	2.92	8.10	2.28	4.950
December	7.50	3.20	4.40	4.40	6.80	2.90	4.10	4.29	4.15	4.86	4.660
TOTALS	49.60	52.80	61.00	52.60	45.40	41.10	50.10	30.68	49.91	47.37	48.056

N.B. Rejected from Survey as 20° low.

RAINFALL AT Haidburn Baxton Fell

Lat.

Lon.

County of

York W.R.

Ribble 2

Rain Gauge, by

Observer

J.B. McCallum Eq. Cl.

S.W. Lund Eq. Cl.

W. Stubbings Cl.

Diameter	8										
Height	2 6										
Altitude	1540 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.70	2.20	5.50	2.00	4.75	1.65	4.80	1.05	7.00	8.10	4.275
February98	1.40	3.31	5.62	7.15	.48	3.95	4.10	5.60	2.90	3.519
March	5.00	1.60	.26	1.60	3.40	5.60	7.00	6.20	3.30	3.60	3.756
April	1.70	1.70	2.10	.70	2.70	4.00	2.90	3.80	4.60	5.10	2.980
May	3.84	2.50	7.00	2.50	3.20	.80	.90	3.00	3.90	4.50	2.214
June	5.10	1.40	4.30	2.30	5.20	3.20	4.20	6.20	4.20	1.60	3.770
July	4.50	4.90	2.90	4.80	5.70	7.70	4.90	3.00	1.50	4.10	4.100
August	7.40	14.50	8.80	3.00	9.30	8.60	3.90	7.90	7.40	2.10	9.290
September	5.20	7.10	7.40	7.10	1.00	2.10	9.50	7.50	3.10	9.50	5.950
October	5.75	5.20	7.80	9.30	6.90	7.70	4.70	3.20	5.60	3.90	6.005
November	9.20	4.90	4.20	6.20	6.20	5.80	2.30	8.00	5.30	4.30	5.610
December44	9.00	4.49	5.00	6.30	6.80	7.40	8.50	8.30	4.40	6.062
TOTALS	54.81	56.40	58.06	50.12	61.80	54.43	50.45	62.45	59.80	54.10	56.842

Correction sent 17-XI-92

1880

N.B. Rejected from Survey as 20° low.

RAINFALL AT Slaidburn Barton Fell

Lat. Lon. County of York W.R. Northam

Rain Gauge, by Observer W. Stubbs Esq. Cl.

Dibble - 2.

Diameter ..	8										
Height	2.6										
Altitude ..	1540 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. RANS.
January ..	6.70	4.70	6.01	6.90	4.60	5.20	7.70	3.00	7.60	6.00	5.841
February ..	(4.70)	1.80	1.70	7.70	3.40	2.60	3.60	3.10	6.50	5.64	4.074
March ..	.65	4.40	3.00	6.80	3.90	4.20	5.40	5.90	3.30	3.30	4.085
April.....	4.50	3.10	2.30	3.50	6.10	4.70	1.70	3.20	2.30	4.90	3.630
May	2.50	.90	3.30	4.10	3.60	1.70	7.20	4.30	3.90	2.80	3.430
June.....	3.70	2.20	1.30	2.10	2.40	3.60	2.70	10.50	3.30	2.30	3.410
July	3.60	2.10	6.60	5.10	3.40	3.50	3.40	4.10	6.00	10.60	4.840
August	6.40	7.20	3.70	10.20	6.00	6.20	6.40	7.60	6.10	4.90	6.470
September..	4.60	3.00	2.20	7.80	2.60	5.60	2.50	1.30	8.90	4.20	4.270
October....	10.20	6.80	6.60	14.00	4.50	4.90	10.50	5.60	3.50	9.40	7.600
November ..	6.90	14.10	4.60	4.30	6.70	6.80	6.30	4.80	6.50	3.80	6.480
December ..	9.20	5.10	6.20	4.90	4.40	2.90	5.60	8.40	5.60	7.80	6.010
TOTALS ..	63.65	55.40	47.51	77.40	51.60	51.90	63.00	61.80	63.50	65.64	60.140

1900 February Snow estimated

1900 given as 61.65 in P.T. recd. 1.09.

Hulse

N.B. Rejected from Survey as 20° low.

RAINFALL at Haidburn Barbon Fell

County of W.R. Yorkshire

Observer W. Stubbs Esq. C.R.

River Basin Ribble 2

J. T. Shildby Esq. 1915
A. G. Gosseman Esq. C.E. 1915.

Riveted Glass Rain Gauge, by
can about 3 ft long with tap. G. over 3000
11.15 months ago - previous g. similar.

Diameter ...	8										
Height	2 6										
Altitude ...	1540 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. TOTALS
January ...	8.00	2.30	5.10	6.20	6.40	8.62	7.33	2.57	4.90	8.72	23.52
February ...	11.10	9.00	2.60	3.30	6.50	5.47	4.50	1.17	9.36	1.91	16.94
March	2.20	3.70	8.80	7.60	8.20	4.23	2.10	3.03	2.34	8.98	16.45
April	3.40	5.40	1.90	6.90	3.10	3.74	4.70	2.50	1.20	3.60	12.00
May	3.00	3.60	3.20	3.60	4.40	1.75	4.44	2.71	1.60	3.10	11.85
June.....	3.40	4.90	8.80	3.60	1.50	1.00	8.85	3.04	3.21	3.19	13.29
July	6.70	.80	4.60	1.90	4.10	5.05	3.39	2.16	5.10	3.53	13.98
August.....	10.90	4.80	8.30	2.80	3.80	4.94	5.45	10.00	6.00	4.70	26.15
September ..	1.00	4.80	2.40	3.20	5.10	1.02	4.52	6.81	13.18	4.50	29.01
October ...	5.00	6.50	6.20	2.90	3.50	2.11	15.50	8.85	7.76	2.58	34.19
November ..	5.50	8.60	6.90	9.10	10.25	2.00	4.93	5.40	5.86	4.96	21.15
December...	8.20	10.10	5.20	5.20	6.50	8.70	4.18	4.39	9.78	10.52	28.87
TOTALS ...	68.40	64.00	64.10	58.30	64.05	48.66	64.89	52.13	70.29	60.09	247.40

+ 22. vi. 15 H.R.M. On mound in sort of shallow peat craters on summit of hill. on a pedestal of peat. Rather exposed probably reads too low.

N.B. Rejected from Survey as 20° low.

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

RAINFALL at Slaidburn Baselow Fell

County of N. R. Yorkshire

Observer A. J. Gooscoom Esq. C.E.

River Basin Ribble 2

(1924, H.M. Well. Eng. C.E.)

Rain Gauge, by

M.

Water Regt. Blackburn

Diameter ...	8									5		
Height	2.6									2' 6"	1.0	
Altitude ...	1540									1540	1525	1930
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MISSES	1920-30 Totals
January ...	7.69	11.57	2.48	11.57	6.83	6.50	7.00	5.10	18.80	2.20	11.20	91.14
February ...	5.35	4.7	7.92	6.25	1.60	6.44	9.60	4.50	6.60	1.40	1.00	51.13
March	5.02	6.72	4.60	2.17	1.12	2.40	2.35	5.05	4.50	2.35	5.30	41.38
April	6.79	1.61	3.74	3.57	2.53	4.20	3.00	3.98	1.75	2.65	3.25	37.07
May	6.67	3.24	1.51	5.86	8.15	5.70	3.65	2.20	.85	4.00	2.70	44.53
June	2.80	.75	4.42	1.53	3.20	4.4	4.40	5.35	10.90	3.10	2.65	39.59
July	7.36	2.73	6.81	7.82	6.90	3.35	5.10	5.70	4.50	6.60	5.70	62.59
August	3.43	7.50	6.20	8.86	7.72	6.00	5.80	8.40	7.20	12.50	11.75	85.36
September...	3.16	2.38	6.77	9.13	8.60	5.75	6.40	12.70	2.10	4.30	4.90	66.19
October.....	1.92	4.71	1.88	10.26	8.00	9.60	5.80	5.35	9.20	12.10	14.25	83.07
November...	4.40	2.48	3.91	10.65	7.50	3.65	8.10	7.04	10.10	14.80	10.10	83.23
December...	4.95	17.05	5.92	7.96	11.10	5.05	2.70	1.52	6.90	15.30	8.60	87.05
TOTALS...	59.76	61.71	56.16	85.63	73.25	59.08	63.90	66.89	83.20	81.30	81.40	772.33

X/28 Inspected by Mr. Colles : see green file.

New Bradford Stage installed ? Jun. 1928, and moved to new site is recommended by Inspector on 1/12/28. (J.O.A. no 660553/26)

NB. Annual average (1881-1916) rejected from Survey as 20° low.

Average reworked 1928-32 = 75.8 ✓ O.R.

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 from gauge
1930			Slaidburn	9½ m.	S.E.	Slaidburn	3½ m.	S.E.

RAINFALL at Slaidburn (Baxton Fell)

County of West Riding

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

River Basin Ribble - 2

W. L. Luke Esq., C.E.

Type of Gauge M.J. Smethurst (24)

G.M.S. Rainfall (Ground 24)

75-8

4

1881-1916

S

Annual Average 5.25 in. based on 35 years obs. un-weighted. Period of average 1881-1916 Ref. 67556/26
660553/26

Diameter	5.											
Height	1.0.											
Altitude	1525.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Tentative	
January	12.70	13.50	7.70	9.50	3.70	8.50	8.30	13.10	8.80	4.20	90.00	
February	11.50	2.22	8.90	6.60	14.40	3.40	11.85	4.60	6.90	2.50	66.87	
March	.90	5.40	4.00	4.00	2.90	5.60	2.40	4.30	4.80	8.40	42.70	
April	6.00	7.40	4.50	3.60	5.90	1.95	4.95	2.30	4.40	4.80	11.540	
May	3.40	6.50	2.85	6.90	1.25	1.70	2.40	5.40	1.60	1.90	33.90	
June	8.60	2.50	5.30	4.00	7.00	5.05	5.35	5.85	5.75	1.00	53.40	
July	9.00	8.50	9.15	4.60	5.50	8.40	3.80	8.40	11.00	7.70	76.05	
August	6.60	2.80	5.20	9.60	4.20	7.25	8.60	6.75	3.50	5.10	54.60	
September	3.60	12.80	1.00	7.10	13.15	7.90	11.30	4.30	3.40	12.50	70.50	
October	6.00	12.30	7.90	16.00	17.40	10.20	2.90	17.25	3.90	7.60	101.60	
November	12.90	6.80	3.00	2.40	7.90	10.50	1.90	11.10	12.90	11.70	80.80	
December	8.10	5.10	1.10	11.50	6.35	11.45	3.30	9.00	4.95	11.10	71.95	
TOTALS	89.30	83.52	61.10	79.80	89.65	81.70	55.05	95.35	73.90	78.50	787.87 M.	

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			Chatburn	2½ mls	SE	Slaidburn	3½ mls SE
1936			"	9 miles	SE	"	3½
1940			"	9½ "	"	"	4

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

Station No. 3087

RAINFALL at Slaidburn (Baxton Fell)

41

County of West Riding

Observer S. H. Kay, Esq., C.E.

River Basin Ribble - 2

Type of Gauge Standard Bradford 1928 sq. ft. 1/2 in.

Annual Average 75.8 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 1000553/26

Diameter	6		573.411								
Height	10		1								
Altitude	1525		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Total %
January	1.15	9.50	12.30	15.20	7.35	9.70	7.00	14.18	6.74	8.47	91.59
February	7.80	2.20	5.40	5.40	11.30	9.40	(1.40)	6.50	4.38	9.10	65.88
March	4.90	3.60	3.00	1.50	(6.10)	1.95	(9.45)	5.82	2.80	5.68	44.60
April	3.95	4.30	5.60	4.50	(4.40)	2.44	6.30	3.42	10.30	5.17	50.38
May	5.05	7.00	5.50	6.40	5.05	2.05	3.18	3.32	3.30	3.37	44.22
June	1.40	1.80	7.30	6.60	8.30	5.40	5.10	8.55	1.47	7.45	53.37
July	2.85	10.40	7.14	5.70	5.10	7.48	6.20	5.03	5.59	7.90	63.39
August	12.40	3.60	14.81	5.50	5.30	13.25	.16	7.80	4.91	14.35	88.08
September	2.25	8.50	8.30	12.10	7.70	10.67	6.68	9.22	4.00	13.68	83.10
October	11.00	15.40	6.90	7.95	9.80	1.29	1.62	7.76	10.05	6.82	78.59
November	4.80	2.90	6.00	12.50	1.05	15.00	13.00	5.60	10.03	8.70	79.58
December	6.30	9.10	5.80	8.80	5.00	8.66	5.70	7.52	13.12	4.03	76.03
TOTALS	65.65	84.30	88.05	32.15	76.45	87.89	65.79	84.72	79.69	94.72	818.81
	M	M	M	M	M	M	M	m	m	m	

1945 March & April postponed | 14004 | 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
1941 1943			Slaidburn Chorburn	9½ m	SE	Slaidburn	3½ m SE

Station No. 3087

51

RAINFALL at Sladburn (Baxton Fell)County of West Riding Yorks.

Observer

L. Mc Kay Esq. Esq.River Basin Ribble - LYeadon Water Board (1/46)Type of Gauge BradfordAnnual Average 75.8 in. based on 14 years obs. Un-weighted. Period of average 1881-1915 Ref. SFile No. 660553/26
E 301277/60

Diameter	5"			573	411						Means
Height	1' 0"					1					
Altitude	1525'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	7.27	8.46	4.14	6.63	4.47	6.76	10.79	8.24	5.06	11.09	72.91
February	5.25	4.95	2.84	4.88	1.67	1.59	6.00	13.74	2.36	8.72	52.00
March	8.95	5.90	1.65	5.08	1.69	1.88	7.25	1.96	4.42	2.58	41.36
April	4.83	5.10	4.33	2.47	5.30	2.64	1.26	3.00	4.87	5.34	39.14
May	2.50	4.45	3.24	4.82	6.22	4.53	4.13	8.45	2.13	2.62	43.09
June	1.94	(7.90)	3.86	6.00	5.59	3.01	2.61	4.99	6.23	3.54	44.67
July	6.10	7.45	11.50	14.22	1.09	6.39	8.21	5.72	6.19	15.74	82.61
August	6.31	9.80	8.60	10.22	1.02	15.91	9.85	8.44	1.39	6.10	77.64
September	5.67	9.45	10.15	12.20	5.30	4.93	13.20	7.69	.69	5.65	74.93
October	3.05	6.60	3.16	14.81	5.24	5.06	11.24	6.84	8.83	5.86	70.69
November	13.05	3.04	11.50	12.26	3.65	3.98	3.55	2.62	9.07	13.83	76.55
December	18.40	6.76	4.48	15.31	7.15	7.42	10.10	6.77	14.41	8.95	99.75
TOTALS	83.32	79.86	69.45	108.90	48.39	64.10	88.19	78.46	64.65	90.02	775.34
	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.	

1951. Low cut point

1952. Est. can leaking Jun.

1955. Too low.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD(34) 673 561

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			Chatterton	9 1/2 m SE	Sladburn	3 1/2 m SE

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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