

RAINFALL AT Slaidburn Haredon Brook

*Lat.*

London.

*County of*

## Yorkshire

*Rain Gauge, by*

### *Observation*

Hudson Reah Esq C.E.

## RAINFALL AT Halden Park

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_ County of Yorks

Rain Gauge, by \_\_\_\_\_

Observer, H. Peake, Esq., C.E.

## Ribble - 2

Diameter .....	8										
Height .....	1.2										
Altitude .....	540										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	1.25	.85	6.16	8.25	10.30	5.04	8.22	5.07	3.60	4.10	5.284
February .....	5.30	8.95	5.45	4.40	5.63	6.25	1.40	4.12	1.60	4.20	4.730
March .....	4.95	8.43	7.98	3.06	10.30	6.05	6.00	3.90	5.03	6.30	6.200
April .....	2.76	3.39	7.02	3.14	1.35	2.54	4.95	3.40	3.12	3.50	3.517
May .....	3.63	7.90	3.18	2.22	4.72	2.75	6.50	3.50	1.90	3.95	4.025
June .....	6.42	5.82	7.50	5.13	.96	5.15	3.26	4.45	2.53	1.95	3.916
July .....	7.11	8.52	10.00	4.95	7.10	3.10	7.95	3.60	10.70	3.65	6.668
August .....	2.79	10.34	7.77	5.90	2.52	3.99	3.26	2.55	6.95	9.15	5.521
September .....	5.55	3.32	3.00	8.30	4.78	9.73	6.95	7.20	4.05	6.25	5.913
October .....	3.80	4.66	6.08	9.28	5.90	7.73	7.35	4.30	4.50	6.90	6.050
November .....	12.03	8.62	9.30	7.70	3.43	5.21	6.70	4.70	8.96	3.78	7.043
December .....	11.75	9.65	7.58	7.80	9.93	4.12	7.55	4.65	6.05	7.00	7.608
TOTALS .....	69.81	80.45	81.02	70.13	66.92	61.66	70.07	47.44	58.99	60.73	66.475

## RAINFALL AT Haldiburn Haeden Brook

Lot.

Lon.

County of

York W.R.

Rain Gauge, by

Observer

H. Reach Eng

Ribble 2

J. Cockson Eng

Diameter .....	8										MEANS.
Height .....	12										
Altitude .....	540										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	
January .....	10.54	4.98	6.70	3.20	8.20	3.50	6.60	1.90	8.00	11.00	6.1162
February .....	1.29	1.21	4.50	6.50	10.30	1.45	6.80	7.20	6.65	4.10	5.000
March .....	6.54	3.11	1.37	5.40	7.10	3.00	10.85	10.50	4.70	5.55	5.812
April .....	3.05	2.11	3.60	.95	7.20	4.20	4.35	5.40	4.20	6.90	4.196
May .....	3.35	3.69	7.15	2.90	4.00	1.30	.85	4.50	4.75	5.00	3.749
June .....	6.47	1.52	7.50	2.90	5.40	3.25	4.30	6.30	4.90	2.15	4.1169
July .....	6.29	6.00	3.50	6.55	7.80	7.75	5.15	4.10	1.05	3.70	5.189
August .....	8.30	14.70	10.15	6.70	9.00	8.25	5.10	10.20	9.40	2.20	8.400
September .....	6.80	7.47	8.60	8.60	.98	6.15	10.30	8.60	2.80	9.30	6.960
October .....	6.80	6.25	9.20	9.65	6.90	10.10	5.25	3.45	6.00	5.05	6.865
November .....	10.88	11.80	9.90	6.25	6.30	5.60	2.05	8.90	7.05	5.45	7.4118
December .....	1.22	7.90	3.40	7.50	7.45	8.05	10.30	9.50	8.70	5.90	6.992
TOTALS .....	71.53	70.74	75.57	67.10	80.63	62.60	71.90	80.55	68.20	66.30	71.512

1880-

## RAINFALL AT Handburn Hareenden Brook

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by Own make

Observer Hooker Eng

Table - 2. M

Diameter ..	8										
Height ....	1.2										
Altitude ..	540										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EANS.
January ..	9.60	3.75	6.40	9.60	6.30	5.30	10.40	3.50	7.60	4.30	66.75
February ..	4.80	2.75	2.30	8.20	6.25	4.80	6.35	4.30	6.10	6.95	52.80
March ....	1.10	6.80	4.75	8.65	4.45	6.10	8.10	7.60	4.60	4.70	56.85
April.....	5.85	3.55	2.65	4.10	6.45	6.75	2.75	2.85	3.00	5.85	43.70
May .....	2.40	1.25	3.75	5.15	3.55	1.30	7.70	4.80	4.50	3.25	37.71
June .....	3.90	3.50	1.70	2.80	2.14	3.70	3.45	11.80	4.40	2.75	40.14
July .....	3.20	1.50	6.05	5.55	3.20	4.45	3.60	4.80	5.55	10.50	48.40
August .....	7.70	6.65	4.80	9.15	6.40	6.35	6.50	7.95	6.50	5.70	67.70
September ..	4.60	2.90	2.35	8.50	2.80	5.70	2.45	1.55	9.20	4.80	44.85
October....	10.80	5.90	6.75	14.30	5.30	5.85	11.10	5.20	3.70	9.55	78.45
November ..	6.75	7.85	4.35	4.95	6.15	7.05	6.40	5.70	7.25	4.75	61.20
December ..	10.40	7.90	7.30	6.20	6.60	2.30	6.70	8.85	3.30	10.55	7.010
TOTALS ..	71.10	54.30	53.05	87.15	59.59	59.65	75.50	68.90	65.76	73.65	66.865

1909 Whitewell Church 4½ miles S  
 Clitheroe Station 13½ " S  
 Home 30 ft high 200 yards S

RAINFALL at Slaidburn Horsenden BrookCounty of W.R. Yorkshire  
River Basin Ribble 2Observer J. G. Jackson Esq. M.R.C.H.  
Hornthorpe Esq.

Rain Gauge, by \_\_\_\_\_

Diameter ...	8										
Height .....	1.2										
Altitude ...	540										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	<sup>1916-19</sup> <u>MEANS.</u> <u>1070.15</u>
January ...	9.95	3.30	6.40	6.95	7.65	11.30	7.95	4.50	6.50	9.20	28.15
February ...	9.90	9.75	2.95	3.55	6.90	8.60	7.25	2.00	9.20	1.85	20.30
March .....	1.45	4.55	11.25	9.85	8.80	3.55	2.45	4.20	3.05	10.50	20.20
April .....	4.80	5.60	1.65	6.50	2.15	4.15	5.80	2.70	1.25	3.20	12.95
May .....	4.50	3.50	3.60	3.70	4.15	2.05	3.95	2.30	2.15	3.10	11.50
June .....	2.50	5.30	9.35	4.55	2.10	1.25	4.35	4.25	3.00	3.10	14.70
July .....	6.75	1.25	5.30	1.65	4.95	5.15	4.60	2.95	5.85	3.90	16.30
August .....	9.80	4.95	9.10	2.60	4.25	5.70	4.80	10.70	5.70	7.50	28.70
September ..	9.50	5.55	3.45	3.20	6.45	1.20	5.80	6.40	13.70	6.85	32.25
October ...	5.85	7.20	7.20	3.40	2.95	2.10	15.25	11.25	8.00	3.45	37.95
November ...	7.55	4.50	7.70	9.40	10.15	3.25	5.90	8.75	4.40	4.85	23.90
December ...	7.65	10.20	6.95	6.15	8.70	12.30	5.10	4.90	12.35	11.55	33.70
TOTALS ...	79.70	65.75	74.90	61.50	68.70	60.60	72.70	64.90	75.15	67.85	280.60

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

## RAINFALL at Slaidburn Hareden Brook

County of N.W. Yorkshire  
River Basin Ribble 2Observer J. H. Symthwest Esq. C.E.  
66, Lakes Ley, S.E.  
Preston 15W.A.O. Rain Gauge, by  
(1920)

Diameter ...	8	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN	1920-30 TOTALS
Height .....	1.2											556	
Altitude ...	540												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929			
January ...	8.70	12.30	5.80	10.20	6.23	6.99	9.51	8.21	19.85	2.87	10.50		101.16
February ...	6.10	1.05	10.15	6.55	1.52	8.39	9.00	4.79	9.27	1.61	.77		59.20
March .....	7.15	9.50	4.80	2.85	2.66	3.22	3.82	5.29	5.11	2.61	4.75		51.46
April .....	8.40	3.00	2.85	6.35	2.72	4.35	2.70	5.28	2.47	2.56	2.95		42.63
May .....	8.75	4.15	2.55	4.75	7.91	5.96	4.24	2.70	0.75	4.21	2.66		48.63
June .....	2.85	6.65	4.12	2.40	5.00	3.33	3.95	5.91	11.43	2.88	2.74		42.26
July .....	9.50	3.14	8.45	7.65	6.88	3.08	5.52	6.57	6.20	5.85	5.05		67.89
August .....	4.30	8.00	8.50	9.19	11.01	5.51	4.57	9.61	8.45	9.63	9.52		68.29
September...	3.60	3.50	7.25	9.55	8.46	5.70	6.38	12.52	3.13	3.57	4.15		67.81
October....	1.80	4.00	1.25	12.45	7.58	9.16	5.76	7.91	10.87	10.90	12.46		84.14
November...	5.50	4.25	5.20	12.50	6.68	3.12	11.37	9.10	11.66	12.87	9.82		92.07
December...	6.30	13.30	9.10	8.05	9.54	5.63	2.71	1.64	6.57	13.64	6.92		83.40
TOTALS...	72.95	66.34	70.02	91.49	76.19	61.44	69.53	79.53	95.76	132.20	72.29		829.24

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
1925	53° 56' 45" N	2° 33' 30" E	Clitheroe	96m S.E.	Dunscop Bridge

## RAINFALL at Slaidburn (Hareden Valley)

County of West Riding

Observer E. C. Oakes, Esq., C.E.

River Basin Ribble-2

Type of Gauge M.O.

68.3 35

1881-1915

S

Annual Average 67.7 in. based on 44 years obs. un-weighted. Period of average 1881-1908 Ref. 67187/26

86201/31

Diameter	8.											
Height	1.2											
Altitude	536.					540	568	556	563	563		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means	Totals
January	9.07	9.67	5.64	8.15	3.59	6.53	5.87	11.58	7.92	3.46	71.48	
February	9.71	12	6.79	4.42	11.45	3.34	10.44	3.39	7.81	2.57	56.04	
March	.91	5.47	4.10	3.99	2.28	4.96	2.49	2.63	3.94	7.26	38.03	
April	4.75	6.62	3.44	4.08	4.77	1.41	4.79	1.65	3.71	4.78	40.00	
May	3.49	6.51	2.09	6.85	1.64	1.39	2.41	4.87	1.22	2.06	32.53	
June	7.64	1.87	4.31	3.76	6.26	5.36	4.10	7.25	5.61	0.87	47.03	
July	8.19	8.03	6.64	3.32	3.89	7.68	3.73	7.14	10.98	7.31	66.91	
August	6.73	2.10	3.97	9.45	3.45	5.33	2.73	5.61	2.34	3.93	45.64	
September	3.65	11.00	1.67	6.91	11.79	7.00	4.15	3.58	3.23	9.75	62.73	
October	5.47	11.96	6.83	11.62	13.49	7.85	2.41	18.07	2.68	6.55	86.93	
November	12.44	6.29	2.83	2.45	6.62	8.45	2.20	8.20	11.37	9.73	70.56	
December	6.26	5.25	1.06	9.92	4.44	9.35	3.91	7.76	5.78	9.89	63.62	
TOTALS	78.31	74.89	49.37	70.92	73.67	68.65	49.23	81.73	66.59	68.16	681.52	
	D	D	D	D	D	D	D	D	D	D	D	

1937. note on form 1930. See back has been checked and corrected.

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			Clitheroe	7.2 mi	SE	Dunsop Bridge	52.20 ft E

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

Station No. 3077

## RAINFALL at Slaidburn (Hastings Valley)

41

County of West Riding

Observer E. B. Oakes, Esq. B.E.

River Basin Ribble - 2

Type of Gauge M.W. Standard (1906)

Annual Average 2.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 36201/31

Diameter	8			573	830						
Height	1	2				1					
Altitude	563				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	1.38	2.39	10.95	10.93	6.63	9.15	5.98	13.50	5.67	6.28	79.86
February	7.67	2.82	5.36	4.05	9.53	8.48	.94	5.51	4.95	8.85	58.16
March	4.96	5.04	2.25	1.38	4.10	1.70	9.86	4.43	3.55	4.68	42.47
April	2.37	3.85	4.18	4.31	4.85	1.22	5.05	3.07	8.13	2.64	43.57
May	4.82	6.47	4.78	6.06	4.61	1.78	3.15	3.21	3.55	2.68	40.96
June	.89	1.35	6.98	5.86	6.23	4.90	4.46	9.31	1.69	5.92	47.59
July	3.17	7.69	6.18	5.19	4.78	7.47	5.84	4.22	4.60	7.40	56.54
August	11.00	9.72	11.62	4.78	3.52	11.65	.19	7.00	4.35	12.23	76.06
September	2.20	6.77	7.12	11.22	6.20	12.06	7.41	8.28	3.57	12.03	76.86
October	8.44	12.34	6.47	9.24	8.13	1.13	1.13	5.80	9.35	6.89	68.42
November	4.29	2.02	6.02	10.64	8.9	11.43	12.00	4.48	8.59	9.42	69.78
December	5.94	6.39	4.50	7.34	4.43	7.64	6.03	5.74	13.00	3.92	65.02
TOTALS	57.15	73.85	76.50	81.00	63.90	79.61	62.04	75.05	71.00	85.19	725.29

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			Blithesoe	8' 4m.	S.E.	Dunsop Bridge	1' 1m

BRITISH RAINFALL ORGANIZATION

Station No. 3077

51

## RAINFALL at Glaidburn (Hareden Valley)

County of West Riding - Yorks

Observer

E. C. Oakes Esq. C.E.  
Surveyor for British Power Stations.

River Basin Ribble - 2

Type of Gauge. Standard

Annual Average 68.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 71.90 " " " 1916-1950 1916-1950 P  
 File No. 8620131

Diameter	8"			573	830						
Height	1'2"				1						
Altitude	563'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January	8.41	8.42	3.44	7.94	5.53	6.60	9.06	6.02	5.22	9.84	70.48
February	5.81	3.29	3.14	5.22	3.01	1.25	5.30	9.76	1.16	6.33	44.27
March	6.88	5.71	1.90	4.29	2.51	2.42	6.56	2.19	2.74	2.21	37.41
April	5.87	5.47	4.66	2.17	5.22	2.44	1.24	2.57	4.05	5.35	38.54
May	3.50	3.93	3.63	3.62	6.36	4.24	3.81	8.22	3.11	2.70	42.12
June	1.88	5.47	3.85	6.29	4.93	4.04	3.24	5.29	4.87	2.67	42.53
July	5.24	3.84	10.73	(2.81)	2.01	6.42	8.50	4.66	5.88	15.37	75.46
August	6.84	11.03	8.18	9.42	1.07	16.55	7.42	5.10	1.04	6.63	73.28
September	6.50	7.10	10.60	11.54	5.06	5.65	10.35	7.79	.81	4.98	70.38
October	2.69	5.49	2.39	15.78	4.31	5.49	10.35	7.17	8.12	4.75	66.54
November	12.04	3.56	11.51	10.84	3.42	2.76	2.29	3.40	8.30	13.67	71.79
December	19.03	6.92	3.79	12.51	10.50	7.57	8.74	5.63	15.20	9.16	99.05
TOTALS	83.19	70.23	67.82	102.43	53.93	65.43	76.86	67.80	60.50	83.66	731.85
	D	D	D	D	D	D	D	D	D	D	-

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference SD(34) 635503

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Cleatorne	8.25m. SE	Dunlop Bridge	1.1m. E

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-1919	1920-30	1931-40	1941-50	1951-60
	✓	✓ D 29-30	✓ ✓	✓	✓