

## RAINFALL AT Rivelin

Lat..... Long..... County of York N.W.R.  
 Rain Gauge, by..... Observer T. Greenstone Engt.

Diameter	10										
Height	4										
Altitude	554	564	π								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	5.21	2.76	2.37	3.82	1.39	6.19	4.22	1.06			
February	3.31	1.01	1.93	1.14	4.32	3.69	1.39	3.22			
March	2.59	3.23	2.32	.87	6.01	3.04	1.98	1.53			
April	4.05	.98	1.90	.98	2.26	3.04	2.62	3.40			
May	2.54	2.82	1.05	1.87	1.10	4.54	4.33	2.69			
June	5.37	2.98	1.12	3.81	2.95	2.69	3.16	5.61			
July	6.91	2.49	1.47	4.17	1.83	2.48	1.32	4.82			
August	3.02	2.93	3.37	4.13	2.44	5.71	7.84	4.62			
September	4.58	2.12	2.43	3.42	4.58	3.07	3.13	3.21			
October	6.28	3.21	3.56	5.98	2.79	4.63	3.80	1.69			
November	4.24	3.11	3.94	5.22	3.83	5.87	3.06	1.92			
December	4.57	.61	2.96	1.16	7.97	3.10	1.39	2.37			
TOTALS	27.00	28.50	52.67	27.54	28.42	36.57	41.47	48.05	38.24	36.14	(36.44)

1870 & 1871 estimated from Redmires.

## RAINFALL AT Rivelin

Lat.....  
Long..... County of York W.R.....  
Rain Gauge, by..... Observer J. Greenway Esq.

Monthly & Weekly 1874

Diameter.....											
Height.....											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					2.65						
February.....					99						
March.....					3.16						
April.....					82						
May.....					2.83						
June.....					2.31						
July.....					2.19						
August.....					2.76						
September.....					2.13						
October.....					3.21						
November.....					3.10						
December.....					55						
TOTALS.....					26.66	28.71	37.07	42.08	48.16	38.76	36.18

RAINFALL AT Sheffield, Rivelin **80**

Lat.

Lon.

County of

Yorks

Rain Gauge, by

Observer

J. Gause, Eng.

Base - Don 7.

Diameter .....	□ 10											
Height .....	4.0											
Altitude .....	5647											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January .....	.20	.50	3.94	5.63	5.68	2.87	4.11	1.93	.95	1.86	2.767	
February .....	3.80	5.28	2.83	3.61	2.48	3.83	.60	.65	.69	1.95	2.572	
March .....	2.37	4.54	2.44	1.17	2.50	2.10	2.95	1.94	3.07	4.58	2.766	
April .....	2.02	1.17	4.62	2.85	1.91	2.17	2.30	1.17	2.46	4.42	2.509	
May .....	2.74	2.58	1.52	1.22	1.65	2.79	7.79	2.22	.73	3.73	2.697	
June .....	3.64	2.45	5.37	3.24	1.98	2.99	1.06	.41	2.49	.36	2.399	
July .....	6.41	2.33	4.47	3.54	3.22	1.08	3.07	1.06	5.92	3.48	3.458	
August .....	2.30	4.03	2.29	1.85	1.97	2.76	1.83	2.07	2.76	3.43	2.534	
September .....	7.03	2.78	1.71	5.93	2.17	3.76	1.70	2.91	.85	2.31	3.115	
October .....	8.02	5.05	6.50	4.93	2.09	7.87	5.82	2.81	1.03	5.27	4.939	
November .....	3.64	4.20	6.22	3.61	1.15	3.01	1.69	2.07	7.85	1.37	3.481	
December .....	4.90	4.62	4.86	2.70	4.62	1.68	5.90	2.89	2.47	2.27	3.691	
TOTALS .....	47.12	39.53	46.77	40.28	31.42	38.91	38.82	22.13	31.27	35.03	36.928	

RAINFALL AT *Sheffield Rowell***80**

Lat.

Lon.

County of *York*

Rain Gauge, by

Observer *J. Garrison, Esq.*

ouse. Don 4.

Diameter .....	8										
Height .....	4.0										
Altitude .....	247										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....											
February .....											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September .....											
October .....											
November .....											
December .....											
TOTALS .....	117.79	40.05	46.26	40.18	31.42	36.98	38.88	22.00	31.36	34.88	36.980

## RAINFALL AT

*Sheffield Rowlin*

Lat.

Lon.

County of

*York W.R.*

Rain Gauge, by

Observer

*E.M. Eaton Esq. C.E.*

Dose - Don Y

*1891 March 1892 Ch.*

Diameter .....	<input checked="" type="checkbox"/> 10										
Height .....	4	0									
Altitude .....	564	M									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	4.61	2.67	2.58	1.61	3.03	4.52	1.38	2.78	1.94	4.65	2.977
February .....	.89	.11	2.95	5.35	5.60	.43	1.07	3.66	3.56	2.10	2.572
March .....	3.33	2.70	.97	.83	2.36	2.89	5.36	4.39	1.78	1.58	2.619
April .....	1.35	2.71	1.04	.87	2.91	2.11	2.06	2.54	3.27	3.08	2.194
May .....	3.73	3.65	4.23	3.13	1.92	1.25	.44	1.68	3.17	2.86	2.606
June .....	2.67	3.51	4.06	1.60	2.92	2.70	2.98	4.26	1.50	2.38	2.858
July .....	2.95	2.46	3.02	3.70	3.32	5.05	.79	.97	1.30	2.08	2.564
August .....	3.98	4.36	3.14	2.73	2.95	3.13	2.02	2.39	3.75	1.33	2.978
September .....	1.59	2.57	3.88	1.77	1.08	.93	6.61	3.08	.61	4.67	2.679
October .....	2.59	4.53	5.62	2.21	5.65	4.04	3.59	1.09	4.15	3.58	3.706
November .....	5.61	3.65	2.48	2.19	1.59	4.65	1.46	3.50	3.02	1.78	2.993
December .....	.40	7.30	1.74	4.84	3.39	4.07	5.16	3.93	4.19	3.32	3.824
TOTALS .....	33.70	40.22	35.71	30.83	36.72	35.77	32.92	34.27	32.24	33.41	34.579

1880

RAINFALL AT Sheffield River

Lat.

Lon.

County of

York W.R.

Rain Gauge, by

Observer E.M. Eaton Eng C.R.

Weekly Rain Data

L.S.M. March Eng C.R.

Diameter .....	8										
Height .....	4 0										
Altitude .....	564 ft										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....									1.86	4.67	
February .....									3.55	2.09	
March .....									1.81	1.59	
April .....									3.26	3.07	
May .....									3.19	2.86	
June .....									1.49	2.32	
July .....									1.32	1.99	
August .....									3.74	1.31	
September .....									.63	4.67	
October .....									4.15	3.59	
November .....									3.04	1.82	
December .....									4.20	3.35	
TOTALS .....	32.91	40.02	35.62	30.91	36.39	35.69	32.96	34.14	32.24	33.33	34.421

1880

## RAINFALL AT Sheffield Rivulet

Lat.

Lon.

County of York w.R. Southern

Glasier Rain Gauge, by

Observer L. S. M. Marah Esq. C.E.

One - Day Weekly

Diameter ..	8										
Height ..	4.0										
Altitude ..	564 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEDIAN.
January ..	5.49	2.76	1.95	3.74	3.52	1.44	4.81	1.57	2.28	2.40	2.996
February ..	4.48	1.32	1.69	2.71	5.44	1.99	3.82	2.25	2.67	.95	2.732
March ..	1.04	3.20	1.87	4.33	2.05	3.59	2.67	3.31	3.64	4.06	2.976
April ..	1.46	2.33	3.00	1.95	2.42	3.07	1.14	2.20	2.92	2.10	2.259
May ..	1.44	1.15	3.26	3.33	2.61	.46	2.46	4.28	3.35	1.98	2.432
June ..	3.21	1.14	1.57	1.27	.68	3.44	2.48	5.12	1.82	3.74	2.447
July ..	4.23	3.43	2.03	2.54	1.71	2.18	1.85	2.55	3.05	3.58	2.715
August ..	5.21	1.60	5.06	5.16	4.06	5.00	1.86	2.87	3.35	2.16	3.633
September ..	.58	.97	1.80	4.69	1.36	1.61	.92	.45	2.08	2.76	1.722
October ..	3.08	2.58	4.09	7.51	.62	2.30	6.37	6.56	1.28	3.83	3.822
November ..	3.09	4.91	3.17	2.18	2.76	5.07	4.07	3.52	2.06	1.03	3.186
December ..	5.50	6.06	3.22	1.80	2.19	.76	3.31	3.13	2.08	7.36	3.541
TOTALS ..	38.81	31.45	32.71	41.21	29.42	30.91	35.76	37.81	30.55	35.95	34.461

Hub

RAINFALL AT Prefield River

316

Lat.

Lon.

County of York W.R. Southern

Crossley Rain Gauge, by

Observer L.S.M. March Esq. C.E.

One Day.

Diameter ..	10										
Height ..	40										
Altitude ..	564 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.51	2.74	1.81	3.71	3.59	1.43	4.85	1.54	2.27	2.36	2.981
February ..	4.46	1.29	1.69	2.71	5.39	1.99	3.82	2.19	2.65	.97	2.716
March ..	1.02	3.19	1.88	4.35	2.05	3.59	2.71	3.32	3.60	3.95	2.966
April ..	1.48	2.35	3.04	1.94	2.41	3.07	1.15	2.23	2.91	2.18	2.276
May ..	1.46	1.18	3.30	3.37	2.60	.46	2.44	4.21	3.42	2.00	2.444
June ..	3.12	1.17	1.63	1.28	.68	3.52	2.52	5.17	1.85	3.73	2.467
July ..	4.25	3.46	2.05	2.60	1.71	2.17	1.83	2.62	3.06	3.64	2.730
August ..	5.21	1.60	5.10	5.32	4.06	5.04	2.01	2.87	3.35	2.19	3.675
September ..	.58	.97	1.75	4.79	1.81	1.64	.97	.45	2.17	2.79	1.742
October ..	3.07	2.60	4.17	7.55	.62	2.31	6.57	6.51	1.26	3.80	3.846
November ..	3.15	4.99	3.15	2.18	2.76	5.01	4.09	3.50	2.01	1.02	3.187
December ..	5.60	5.98	3.21	1.77	2.20	.77	3.29	3.09	2.10	7.24	3.525
TOTALS ..	38.91	31.52	32.78	41.57	29.38	31.00	36.25	37.70	30.65	35.88	34.564

D

H.A.

## RAINFALL at Sheffield Rivulet

County of W.R.Yorkshire

Observer L. S. M. Marsh Eng. C.E.

River Basin Orise-Dan 7

Reorder Rain Gauge, by Crosley

RAINFALL at Sheffield Park

County of W.R. Yorkshire

Observer L. S. M. Marsh Esq. C.R.

River Basin Onse-Don 7

*Glacier* Rain Gauge, by.

Woolley

Diameter .....	8										
Height .....	4.0										
Altitude .....	5647										
Year .....	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Totals
January .....	3.25	1.56	4.94	3.90	1.88	5.13	2.07	2.59	3.02	4.84	12.02
February .....	4.77	3.49	1.88	1.40	2.56	5.16	5.98	.51	2.66	2.12	11.27
March .....	1.11	1.41	4.56	4.64	3.84	1.21	4.89	2.55	1.58	5.03	14.05
April .....	3.40	2.10	.83	3.52	1.55	1.35	2.19	1.77	1.26	2.06	7.28
May .....	2.92	.89	3.69	2.81	1.61	1.88	2.64	2.10	2.48	1.60	8.82
June .....	3.52	2.55	3.66	1.02	2.99	1.56	2.50	1.71	.94	.63	5.78
July .....	2.62	.14	6.19	1.35	2.43	4.67	1.80	1.28	3.18	3.98	10.19
August .....	4.08	2.03	6.76	1.67	1.23	2.54	1.82	4.83	1.35	3.84	11.24
September .....	.38	2.28	1.88	3.01	2.03	.87	1.55	1.29	8.03	3.13	14.00
October .....	2.44	2.90	3.17	5.06	2.66	2.03	4.07	4.87	2.27	3.26	14.47
November .....	4.61	4.21	1.96	3.96	4.92	3.62	4.41	3.03	1.66	2.70	11.80
December .....	4.89	6.61	5.29	2.25	7.37	8.47	3.26	1.55	5.66	6.61	17.02
TOTALS .....	37.99	30.17	44.31	34.59	35.07	38.53	37.12	28.04	34.09	38.65	137.94

RAINFALL at Sheffield W.W. RivelinCounty of N. R. Yorkshire Observer L. S. D. Marsh Esq. C.E.River Basin Gause-Dow 7 S. H. Sturley C.E. (1924)Recorder Rain Gauge, by Crossley Staff gauge W.W.  
9.99 diam.

Diameter ...	10										
Height .....	4.0								1' 6"		
Altitude ...	564										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.96	3.99	4.50	2.26	2.26	4.26	3.87	2.41	7.63		
February ...	3.23	.26	3.53	7.17	1.39	5.17	2.65	1.64	4.61		
March .....	2.69	2.75	2.28	2.55	.95	1.54	1.67	4.31	3.23		
April.....	5.09	1.41	4.56	3.04	2.12	3.51	2.07	3.30	1.43		
May .....	3.35	1.35	.84	4.16	4.17	4.03	3.43	1.42	1.11		
June .....	3.47	.23	1.44	7.0	2.14	.11	3.35	4.61	3.49		
July .....	4.91	.57	3.95	4.82	3.88	1.62	3.49	2.46	1.07		
August .....	1.12	5.01	7.01	3.66	4.44	3.11	2.95	3.81	3.40		
September...	1.49	1.09	3.00	3.11	4.10	3.21	1.93	5.23	.47		
October.....	2.27	2.59	1.09	2.87	4.80	4.24	3.80	3.30	5.91		
November...	1.20	1.93	1.95	5.85	2.09	3.27	4.66	4.20	6.03		
December...	3.53	4.73	4.93	3.10	3.14	3.72	1.94	3.07	2.81		
TOTALS...	36.31	25.91	39.08	43.24	35.48	37.79	35.91	39.76	41.19	T	

Inspected C.S. 25. 9.22 alongside Casella (M.O.). Mechanism tested periodically.

1920. Observer says the Crossley Gauge at Rivelin, owing to age, has been replaced by a Hyetograph Gauge. See file 666609/26.

XII/30 Inspected 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	Parish Church.	Distance from gauge



RAINFALL at Sheffield W.W. (Rivelin) (+ A)

County of West Riding

Observer Sheffield Corp. W.W.

River Basin..... Ouse-Don-7

*Type of Gauge.....*

Annual Average 35.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S.

..Ref... S

660609/26

*Position of Station on reduced Ordnance Survey Map,* No. of Map..... Reference No....  
1 mile to 1 inch Series

## RAINFALL at Sheffield W.W. (Rivelin) + ft.

41

County of West Riding, Yorkshire Observer Sheffield, Saxon, W.I.J.

River Basin Case - Part 1

Type of Gauge Spiral

Annual Average 35.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. bb0b09/ab

Digitized by srujanika@gmail.com

1941. See. estd. by observer.  
1942. Jan. Feb. Mar. ext. 10 sec. by observer

h0004

334.32

*Position of Station on reduced Ordnance Survey Map.* | No. of Map.....  
1 mile to 1 inch Series

*Reference No.*

Station No. 3116 T.F. 71

51

RAINFALL at Sheffield W.W. (Rivulet) + ACounty of West Riding - Yorks. Observer Sheffield Corp. W.W.River Basin Derby - Don - 7Type of Gauge Snowdon (+A)

Annual Average 35.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 5  
37.28 - 1916-1950 1916-1959 P  
 File No. 00009/26

Diameter	8"			082	527								
Height	1' 6"	1' 0"										1' 3"	
Altitude	564'				51								
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total	
January	3.39	4.79	.87	3.19	2.67	6.37	2.36	3.81	(3.77)	6.15	37.37		
February	4.57	1.14	2.23	2.82	2.57	1.22	3.64	(5.34)	.09	3.02	26.64		
March	4.86	2.31	2.20	2.62	3.75	1.48	2.74	2.79	1.81	2.68	27.24		
April	1.53	1.96	3.18	.59	1.02	2.48	.09	.99	4.09	2.08	18.01		
May	4.05	3.02	2.50	5.74	4.25	6.62	1.96	3.64	1.21	1.96	28.35		
June	1.00	1.66	2.32	2.67	3.42	3.56	1.36	4.53	1.39	1.91	23.82		
July	1.27	1.52	3.10	2.41	1.34	6.31	3.74	5.44	2.23	3.78	31.19		
August	4.97	2.18	2.94	7.01	1.12	6.47	5.92	2.09	1.01	4.11	31.82		
September	1.85	3.64	1.67	3.88	1.35	4.27	4.97	3.56	.08	4.29	29.09		
October	1.21	5.80	2.05	4.25	2.55	1.91	2.03	2.78	2.63	8.20	33.41		
November	9.53	2.50	2.11	7.23	2.75	1.12	2.39	.91	4.95	5.36	38.85		
December	4.60	3.10	1.51	5.09	4.92	4.89	4.26	5.45	5.92	4.19	43.93		
TOTALS	42.86	33.62	26.68	47.00	31.71	40.70	34.86	41.38	29.18	47.73	375.72		
	D	D	D	D	D	D	D	D	D	D			

July 1958 60K. S. record - slightly over-shooting NW-ENE & E-W. Maximum rate  
20004/40004

(43)

Position of Station on Ordnance One-Inch map : No. of Map 11 National Grid Reference 58/287869

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

Summary of Earlier Records from 10-year Sheets :

1916-1950, P = accepted

Record D, or d		1910-19 423	1920-30 424	1931-40 425	1941-50 426	1951-60
		✓	✓	✓	✓	✓ but d +7