

RAINFALL at <sup>Rivelin N.</sup> ~~Hallam~~ <sup>Manor</sup> (Oaking, Blough)

County of YORKSHIRE W.R. Observer Sheffield Corporation W.W.  
 River Basin River Rivelin) South Yorkshire  
8" Rain Gauge, by Casella.

Diameter	8"										
Height	1½ ft.										
Altitude	1160'										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January				3.17	3.60	3.30	2.35	5.05	1.45	3.72	2.60
February				2.03	3.80	6.30	2.22	3.43	2.68	2.42	2.00
March				2.24	5.10	2.67	3.74	3.33	3.40	3.03	4.40
April				2.95	2.20	2.73	3.23	6.8	2.46	3.03	2.32
May				3.89	3.64	2.91	6.6	3.10	4.24	3.51	2.66
June				2.02	1.79	8.4	3.36	2.255	5.09	1.95	3.89
July				2.50	3.29	1.68	2.70	2.975	3.04	3.27	4.41
August				5.48	5.90	4.38	4.83	2.63	3.84	3.81	2.45
September				2.00	4.78	1.70	2.01	1.13	6.8	2.80	3.32
October				5.48	8.78	.90	2.84	6.65	7.12	1.38	4.40
November				3.31	3.45	4.00	5.86	5.30	3.78	2.43	1.42
December				3.50	1.81	2.25	1.16	3.57	3.14	2.35	7.30
TOTALS				38.54	48.14	33.66	34.96	40.10	40.92	33.80	41.24

1902-1929 Late Sep.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map. 13 Reference No. E 5.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
Dec: 1930	53° 22' 25"	1° 37' 41"	Bamford.	3½ miles	S.W.	Hathersage.	3 miles	S.S.W.

RAINFALL at Hallam Moor (Oaking Blough) <sup>Rivelin N.</sup>

County of Yorkshire W.R. Observer Sheffield Corporation W.W.  
 River Basin River Rivelin - 7 Young Denevalis  
 8 = Rain Gauge, by Casella

Diameter	8 =	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Height	1 1/2 ft											
Altitude	1160.											
Year		1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	4.08	1.72	4.10	4.97	2.60	4.99	2.92	3.33	3.15	4.61		
February	4.74	4.17	2.00	1.52	2.24	4.46	6.17	.58	3.50	2.57		
March	.74	1.90	4.93	4.63	4.11	1.77	6.35	3.69	1.92	5.29		
April	3.15	2.37	1.00	3.34	1.83	1.35	2.78	2.41	1.40	2.27		
May	1.87	8.9	4.04	2.92	2.04	1.77	2.46	1.46	2.67	1.84		
June	3.01	2.04	4.74	1.37	3.08	1.47	2.86	1.81	1.08	.94		
July	2.48	.145	5.38	1.40	3.58	5.94	2.26	1.30	3.74	4.61		
August	4.53	2.34	7.44	1.73	1.61	3.52	1.86	6.46	1.71	3.93		
September	.45	2.45	2.12	2.98	2.35	.91	1.86	1.34	8.71	3.43		
October	3.32	3.21	3.17	5.79	3.36	2.20	4.79	4.94	2.68	3.91		
November	3.83	4.25	2.49	4.25	5.99	3.11	4.97	4.42	1.81	3.19		
December	6.42	5.98	5.38	2.35	7.16	8.44	3.96	2.74	5.95	7.29		
TOTALS	38.59	30.96	46.49	34.28	39.95	37.96	43.12	34.48	36.32	47.88		

1902 - 1929 late Sep

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map... 13 Reference No. E 5.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
Dec 1930.	53° 22' 25"	1° 37' 41"	Bamford	3 1/2 miles	S.W.	Heathersage	3 miles S.S.W.

RAINFALL at Hallam Woods (Oaking Blough.)

County of YORKSHIRE Observer Sheffield Corporation W.W.  
 River Basin River Rivelin - John D. Deedes  
8" Rain Gauge, by Casella

Diameter	8"									8"
Height	1 1/2 ft								1 1/2 ft	
Altitude	1160'								1160' QD	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January	4.39	5.33	4.99	3.18	2.49	5.25	4.28	2.57	8.96	2.17
February	3.64	3.38	3.58	7.78	1.85	5.79	3.27	1.60	5.21	.72
March	2.79	2.83	2.17	2.59	95	1.83	2.11	4.83	3.56	.32
April	5.45	1.10	3.85	3.24	2.34	3.55	2.25	4.05	1.46	1.55
May	3.36	1.30	.75	4.62	4.42	4.23	3.47	1.41	1.31	2.13
June	4.48	2.22	1.53	1.06	2.46	.11	3.28	5.11	4.29	1.77
July	5.52	1.03	4.39	4.71	4.54	1.82	4.69	2.46	1.27	2.29
August	1.21	5.08	7.69	3.54	4.96	3.28	3.57	4.13	3.51	3.81
September	1.67	.85	3.27	3.87	4.53	3.53	2.45	6.51	.50	1.86
October	2.60	2.33	1.24	3.44	6.38	4.54	4.18	3.89	5.41	4.77
November	1.13	2.12	2.38	6.28	2.69	3.66	5.05	5.11	6.69	7.93
December	3.66	5.95	2.76	4.26	3.99	3.99	2.71	2.40	2.97	9.05
TOTALS	39.90	26.52	38.60	48.52	41.80	41.58	41.31	44.07	45.14	34.93
										47.59

1902-1929 late sup.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map... 13... Reference No... E.5.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
Dec. 1930	53° 22' 25" 1° 37' 41"	"	Bamford	3 1/2 miles	S.W.	Hathersage	3 miles S.S.W.

## RAINFALL at Rivelin (Oakling Clough)

County of West Riding

Observer Sheffield Corp. W.V.

River Basin Ouse - Don - 7

Type of Gauge

Annual Average 39.5 in. based on 7 years obs. unweighted. Period of average 1881-1915 Ref. Pro B 366

660609/26

Diameter	8.	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	1.8											
Altitude	1160.											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	5.27	4.58	3.09	3.74	2.38	4.53	6.59	4.74	7.46	(3.84)		
February	5.03	1.77	6.23	6.63	6.05	4.10	7.58	1.93	2.73	(3.52)		
March	2.29	2.77	3.01	3.40	1.78	3.24	3.98	1.21	3.32	2.99		
April	5.29	4.31	1.28	3.28	3.54	2.23	2.42	1.36	2.92	2.64		
May	3.09	6.41	2.13	1.86	1.49	2.09	3.98	3.14	2.26	1.33		
June	4.81	1.12	2.31	1.40	3.96	3.97	1.59	3.05	2.78	.75		
July	(5.64)	5.10	2.78	2.39	1.28	4.34	4.27	4.49	7.82	2.67		
August	7.31	2.67	0.81	1.88	2.38	2.08	1.63	2.05	3.45	1.05		
September	5.33	3.03	1.75	2.62	5.88	4.80	1.69	3.19	2.28	3.20		
October	1.33	6.05	6.16	5.04	8.05	5.08	3.96	7.09	5.09	4.79		
November	4.92	3.70	2.97	2.91	7.77	5.06	2.90	5.06	7.10	7.85		
December	1.99	1.80	0.69	5.96	4.94	4.09	4.49	5.30	2.61	4.24		
TOTALS	50.30	42.31	33.21	35.11	48.50	45.61	45.08	41.61	49.82	38.87		

Printed in BR with footnote 'gauge possibly over-exposed.'

1931. Gauge moved 23rd July 27' SW. Footnote deleted

Keepers hut in Moorland 18'-20' high 33 yds NW. from BR. 1936.

1940. Jan &amp; Feb only bracketed.

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
1931			Barnford	3½ mls	SW	Hathersage	3 miles	SSW

RAINFALL at Rivelin (Oakking Clough) No. 2

County of West Riding Observer Sheffield Corp. W.W.

River Basin Ouse - Don 7

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

660609/26

Diameter								5'			
Height								1' 0"			
Altitude		W85									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January			3.18	3.93	2.50	4.58	6.72	5.40	7.71	(3.86)	
February			6.35	.64	6.80	4.18	7.69	2.24	3.32	(3.48)	
March			3.09	3.93	1.89	3.28	4.38	1.50	3.19	3.22	
April			1.87	3.30	3.73	2.05	2.60	.43	2.92	2.67	
May	#		2.12	1.96	4.45	1.95	3.79	3.17	1.97	1.31	
June		1.27	2.34	1.48	3.97	3.80	1.72	3.38	2.82	.73	
July		5.14	2.93	2.45	1.38	4.79	4.43	4.62	7.80	3.12	
August		2.67	.82	1.98	2.39	2.25	1.79	2.03	3.23	1.11	
September		3.31	1.63	2.55	6.48	5.06	1.73	3.38	2.31	3.26	
October		6.36	6.41	5.15	8.27	5.50	3.96	7.05	5.05	4.97	
November		3.89	2.89	2.91	8.01	5.28	2.79	5.72	7.71	8.09	
December		1.87	.71	5.94	5.06	4.66	4.113	5.61	2.75	4.39	
TOTALS			inf	33.84	36.22	50.93	47.38	45.93	44.53	50.84	40.21

Broke years 1932-1935 &amp; later info.

1940. Months only, in brackets.

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

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

Station No. 3114 T.F.

41

## RAINFALL at Rivelin (Oaking Blaugh)

County of West Riding Yorkshire Observer Sheffield Cooper W.L.W.

River Basin Ouse Don

Type of Gauge Standard

Annual Average 32.8 in. based on 7 years obs. unweighted. Period of average 1931-1935 Ref Pro B.366

File No. bbbob09/2b

Diameter	8"		082	460							
Height	10"			1							
Altitude	1160'			47							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(5.30)	(4.17)	(6.07)	6.16	(4.42)	5.39	(4.10)	8.64	2.02	1.96	
February	(5.00)	1.64	3.03	3.24	4.81	6.16	(3.77)	(3.18)	2.03	6.53	
March	(6.11)	(2.57)	1.62	.72	.99	1.86	(6.19)	1.77	1.73	1.44	
April	2.61	2.00	2.83	2.88	2.25	1.88	4.14	2.28	3.46	4.20	
May	3.89	5.10	3.28	3.99	3.68	3.30	3.00	1.93	2.51	1.97	
June	.83	1.12	2.47	2.97	4.30	5.97	3.04	4.43	.79	1.64	
July	4.21	3.77	1.87	3.71	2.18	3.47	2.55	1.37	4.32	2.60	
August	4.31	4.25	3.78	3.21	2.99	5.31	.51	5.05	2.19	3.81	
September	.44	2.38	4.55	5.92	1.94	6.50	2.00	2.17	1.86	5.80	
October	5.14	5.18	2.67	4.34	7.42	2.13	.96	2.24	3.93	1.78	
November	4.15	1.82	4.06	7.08	.71	8.71	6.11	1.83	6.71	6.20	
December	2.36	3.51	1.96	4.18	2.89	4.08	6.52	3.53	7.04	2.82	
TOTALS	(46.38)	(37.51)	38.19	48.40	38.58	54.76	42.89	38.42	38.59	40.75	

1941 Jan Feb &amp; March set'd. by observer.

70004 20004

1942 Jan &amp; March set'd. by observer.

1943 Jan set'd. by observer

1945 "

1947 Jan, Feb, & March set'd. for snow by observer  
30.6.47 gauge inspected by engineer and passed as sound ✓

4.7.50 gauge inspected by engineer and passed as sound ✓

70004 50004 40004 40004

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

Station No. 31141/2 T.E.

41

## RAINFALL at Rivelin (Oakeng. Slough) Mo.2

County of West Riding Yorkshire Observer Sheffield Cooper W.W.

River Basin Don - 7

Type of Gauge Standard

Annual Average..... in. based on..... years obs. un-weighted. Period of average.....

Ref.....

File No. b60609/ab.

Diameter	5"		082	458							
Height	1' 0"				1						
Altitude	1185'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(5.36)	(4.23)	(6.10)	6.34	(4.50)	5.55	(4.17)	8.73	2.25	2.19	
February	(5.08)	1.66	3.03	3.22	5.08	6.37	(3.84)	(3.07)	2.45	6.69	
March	(6.18)	(2.60)	1.95	.72	1.14	1.68	(6.29)	1.84	1.96	1.89	
April	2.76	2.07	3.04	2.94	2.32	1.76	4.49	2.53	3.64	4.16	
May	3.97	5.25	3.21	3.94	3.58	3.11	3.02	1.84	2.54	2.08	
June	.91	1.10	2.88	3.03	4.38	6.13	3.13	4.75	.74	1.71	
July	4.26	3.89	1.95	3.86	2.18	3.57	2.63	1.47	4.86	2.77	
August	4.42	4.27	3.94	3.17	2.98	5.39	.50	5.06	2.32	3.99	
September	.47	2.43	4.57	5.83	2.05	6.71	2.09	2.25	1.86	6.08	
October	5.50	5.16	2.70	4.49	7.56	2.00	1.01	2.58	4.27	1.96	
November	4.22	1.93	4.26	7.60	.75	9.22	6.13	2.00	7.20	6.29	
December	2.44	3.57	2.08	4.27	2.98	4.83	6.27	4.14	7.54	2.76	
TOTALS	(45.59)	(38.16)	39.71	49.41	39.50	55.72	43.57	40.26	41.16	42.08	

1941 Jan, Feb &amp; March read by observer.

70004 20004

1942 Jan, Mar, adj. by observer

1943 Jan, Feb, Mar by observer

1945 " "

1947 Jan, Feb &amp; Mar. read for snow by engineer

20.6.47. gauge inspected by engineer and passed as sound.

6.7.50 Gauge inspected by engineer and passed as sound.

70004 50004 40004

40004

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

Reference No.....

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

Station No. 214

TF

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RAINFALL at Riverside (Cockton) (Consett)County of YORKS W.R.Observer SHEFFIELD CORP. W.W.River Basin 7 - Ouse - Der.Type of Gauge Cawdron (New gauge)Annual Average 39.8 in. based on 7 years obs. un-weighted. Period of average 1881-1915. Ref. P.B. 266File No. 600.629/26

Diameter ...	8"	8"	082	460						
Height ...	1' 1"	1' 0"			1					
Altitude ...	1160'	1160'	1165	1171	51		1171			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January ...	4.27	4.45	1.57							
February ...	3.87	1.30	(2.50)							
March ...	5.90	2.28	2.52							
April ...	2.10	2.72	3.44							
May ...	4.44	2.94	2.58							
June ...	1.34	2.18	3.47							
July ...	1.50	1.84	4.09							
August ...	4.99	2.57	3.83							
September ...	2.23	4.77	2.54							
October ...	1.47	7.54	2.47							
November ...	10.60	3.08	2.77							
December ...	5.18	3.58	2.14							
TOTALS ...	47.89	39.25	33.92	M	M*					

1951 Further 1. vi. by Sheffield W.W. Anti-flooding

1952 Further 28.vi. by Sheffield W.W.; Anti-flooding

1953 Record terminated and new gauge re-set at 1171 ft. owing to progress of work

which will flood the site. Job. Est. Hatch engineer.

Imp. 1200 ft. of ground. Site gradient W-S-E. Flood wall now liable to interference

2000 ft.

SK 248 864

Position of Station on Ordnance One-Inch map :	No. of Map			National Grid Reference		
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19 183	1920-30 183	1931-40 183	1941-50 183	1951-60
		✓	✓	✓	✓	

Station No. 3114/1

TP 71

RAINFALL at Luton (Baking brook) new gauge.

County of...

Observer Shuffield Boston W.W.

River Basin.....

Type of Gauge.....

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

File No. 660609/26

Diameter	082	459	8"								
Height			1' 0"								
Altitude		1171'	1165'	*	1171'			1171'			
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January				4.09	(3.07)	(6.7)	2.68	4.37	3.77	6.33	
February				2.91	3.05	1.69	3.43	(5.95)	3.34	3.25	
March				2.78	4.11	1.90	3.48	4.02	2.15	2.88	
April				.71	1.13	2.67	.28	1.12	4.77	2.32	
May				4.05	4.04	.84	1.63	3.86	1.38	2.20	
June				2.88	3.62	4.74	1.92	5.34	1.53	1.54	
July				3.48	1.73	7.75	3.66	6.67	2.60	5.63	
August				7.81	1.04	6.94	7.35	3.33	1.05	5.01	
September				4.50	1.88	5.10	6.24	4.09	.13	4.77	
October				* 2.41	5.35	3.15	2.48	2.98	3.34	3.25	9.01
November				2.65	7.10	2.82	1.86	3.47	1.15	5.02	5.65
December				2.01	6.48	5.43	4.97	4.60	5.47	6.17	4.60
TOTALS				52.14	35.07	47.64	41.72	48.71	32.16	53.19	
			ap.					7p	W.M.C. ap	7p	

1953 new gauge on Cambridge

1954 New inspect by Engineer - satisfactory

1955 Jan. est by engg.

1956 Jan. part est M.O.T.

1957 II 1958 B.O.K. 3 round Site over-eroded w-s.E. Turf well rec. Suitable to informer

1957 ap check 1960 ap check

1958 ap check

1959 ap check

X sea note on 3114.

Position of Station on Ordnance One-Inch map : No. of Map 111 National Grid Reference SK 247864

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

Summary of Earlier Records from 10-year Sheets :

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

RAINFALL at *Buxton (Cobain Green) No. 2*County of *Yorks. W.R.*Observer *SIR RICHARD COOPER W.W.*River Basin *- Ouse - Don*Type of Gauge *Lowwater Bradford*

Annual Average in. based on years obs. un-weighted. Period of average 1916-50  
 " 44.27 " 23 " within 1933-57 " Ref. " S  
 File No. 660 600 126

Diameter ...	5"	5'	082	458							
Height ...	1' 3"	1' 0"	1' 3"	1' 0"	1' 3"	1' 3"					
Altitude ...	1125'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.58	4.78	1.69	4.30	(2.95)	6.91	3.02	4.60	(3.92)	5.96	
February	4.29	1.51	(2.50)	3.18	(3.15)	1.83	3.67	(6.05)	.35	3.26	
March	5.95	2.42	2.66	2.98	4.25	2.10	3.72	3.74	2.14	2.63	
April	2.14	2.78	3.46	.80	1.30	2.18	.26	1.12	4.62	2.52	
May	4.21	3.07	2.64	4.20	3.82	.91	1.69	3.90	1.44	2.13	
June	1.32	2.30	3.46	2.82	3.77	4.56	2.01	5.10	1.55	1.68	
July	1.65	1.82	4.29	3.86	1.78	7.91	3.64	6.48	2.70	5.58	
August	5.41	2.74	4.16	8.23	.95	7.33	7.68	3.29	.98	5.00	
September	2.36	4.90	2.72	4.87	2.08	5.16	6.54	4.20	.11	4.60	
October	1.41	7.11	2.53	6.07	3.25	2.49	3.28	3.82	3.48	8.49	
November	1.25	3.39	3.07	7.66	3.05	2.00	3.45	1.17	5.12	5.85	
December	5.82	3.85	2.11	7.51	5.81	5.60	4.79	5.48	6.64	4.80	
TOTALS ...	50.39	40.67	35.23	56.48	36.16	48.98	43.75	48.45	33.05	52.50	
		M	M						M	M	

1951 Durban 1. vs. by Sheffield w/w; Buxton factory  
 1952 Sheffield 28. vs. by Sheffield w/w; Buxton factory

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1953 Feb. est. engineers

1954 Data indicated by Engineers - satisfactory

1955 July + Feb. est. by Eng'r.

July + 1958 J.B.O.K. by same. Satisfactory information. Subject to interference from sheep crocodiles.

20004 b0004

Position of Station on Ordnance One-Inch map :			No. of Map	III	National Grid Reference	SK 246862
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
					Camp 1472	✓