

RAINFALL at ^{Rivelin V.}
Hallam Farm (Oaking Blough)County of Yorkshire W.R. Observer Sheffield Institution W.W.River Basin River Rivelin
8" Rain Gauge, by Casella.John D. Dore

Diameter	8"										
Height	1 1/2 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	2.100	
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	.68	2.46	3.03	2.32	
May			3.89	3.64	2.91	.66	3.10	4.24	3.51	2.66	
June			2.02	1.79	.84	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	.68	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	33.40	41.24	

1902-1929 Late Sep.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch SeriesNo. of Map 13Reference 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"	Barnford.	3 1/2 miles	S.W.	Hathersage.	3 miles	S.W.

RAINFALL at ^{Rusling V.} Hallam near (Oaking Blough)County of Yorkshire - W.R. Observer Sheffield Corporation W.W.River Basin River Rivelin - 78" Rain Gauge, by CasellaJohn H. Swales

Diameter	8"										
Height	1 1/2 ft.										
Altitude	1160.										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	4.08	1.22	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	1.38	2.78	2.41	1.40	2.27	
May	1.87	.89	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	.14	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	1.80	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	3.80	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	2.36	7.10	8.44	3.96	2.74	5.95	7.29	
TOTALS	38.59	30.96	46.49	37.28	39.95	39.96	43.12	34.48	36.32	42.88	

1902-1929 late sep

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map.../3

Reference No...E5

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

RAINFALL at Bella ^{Rivelin} ~~know~~ (Oaking blough.)County of Yorks.Observer Sheffield Corporation W.W.River Basin River Rivelin - 78" Rain Gauge, by CasellaJohn Dewar

Diameter	8"										8"
Height	1 1/2 ft										1 1/2 ft
Altitude	1160										1160 90.
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1880
January	4.39	5.33	4.99	3.18	2.49	5.25	4.28	2.57	8.96	2.17	5.46
February	3.64	3.8	3.58	7.78	1.85	5.79	3.27	1.60	5.21	.72	1.26
March	2.79	2.83	2.17	2.59	.95	1.83	2.11	4.83	3.56	.32	3.75
April	5.45	1.10	3.85	3.24	2.34	3.55	2.25	4.05	1.46	1.55	3.50
May	3.36	1.30	.75	4.62	4.42	4.23	3.47	1.41	1.31	2.13	2.16
June	4.48	.22	1.53	1.06	2.16	.11	3.28	5.11	4.29	1.77	1.81
July	5.52	1.03	4.39	4.71	4.54	1.82	4.69	2.46	1.27	2.29	6.39
August	1.21	5.08	7.69	3.54	4.96	3.28	3.57	4.13	3.51	3.37	3.81
September	1.67	.85	3.27	3.87	4.53	3.53	2.45	6.51	.50	1.86	6.13
October	2.60	2.33	1.24	3.44	6.38	4.54	4.18	3.89	5.41	4.77	5.22
November	1.13	2.12	2.38	6.28	2.69	3.66	5.05	5.11	6.69	7.93	4.13
December	3.66	5.95	2.76	4.26	3.99	3.99	2.71	2.46	2.97	9.05	3.97
TOTALS	39.90	26.52	38.60	48.52	41.50	41.58	41.31	44.07	45.14	37.93	47.59

1902-1929 late Sep.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map...13.....

Reference No...E5.....

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

RAINFALL at Rivelin (Oaking Clough)County of West RidingObserver Sheffield Corpn. W. W.River Basin Ouse - Don - 7

Type of Gauge

Annual Average 39.8 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 366

660609/26

Diameter	8.											
Height	1.8 ⁰											
Altitude	1160.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.27	4.58	3.09	3.74	2.38	4.53	6.59	4.74	7.46	(3.84)		
February	5.03	.77	6.23	.63	6.05	4.10	7.58	1.93	2.73	(3.52)		
March	.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	.36	2.92	2.64		
May	3.09	6.41	2.13	1.86	.49	2.09	3.48	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	4.24	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	43.61	45.08	41.61	49.82	38.87		

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

1931. Gauge moved 23rd July 27' SW.

Keepers hut in Moorland 18' 20' high 33 yds NW.

Footnote deleted
from BR. 1936.

1940. Tanvick 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			Bamford	3½ mls	SW	Hathersage	3 miles	SSW

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

RAINFALL at Rivelin (Oaking clough) No. 2County of West RidingObserver Sheffield Corp'n. 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												
Height												
Altitude		1185										
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			1.37	3.30	3.73	2.05	2.50	.43	2.92	2.67		
May		#	2.12	1.96	.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	7.77	8.09		
December		1.87	.71	5.94	5.06	4.66	4.43	5.61	2.75	4.39		
TOTALS		inf	33.84	36.22	50.93	47.38	45.93	44.53	50.84	40.21		

Scale years 1932-1935 ✓ data inf.

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	Direction from gauge

RAINFALL at Rivelin (Oakington Blough)

41

County of West Riding Yorkshire Observer Sheffield G. P. W. W.River Basin Ouse DonType of Gauge StandardAnnual Average 33.8 in. based on 7 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. No. B.366File No. bbobq/26

Diameter	8"				082	460						
Height	1' 0"					1						
Altitude	1160'					41						
Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	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)	(3.15)	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	3.33	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	5.32	1.94	6.50	2.00	2.17	1.86	5.80		
October	6.14	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	(44.38)	(37.51)	38.19	48.40	38.58	54.76	42.89	38.42	38.59	40.75		

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

1942 Jan & 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,
1 mile 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.

BRITISH RAINFALL ORGANIZATION

Station No. 3114/2 T.E.

RAINFALL at Rivelin (Oakington) No. 2

41

County of West Riding Yorkshire Observer Sheffield Cooper W.W.River Basin Ouse DonType of Gauge Standard

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

File No. bbobog/ab

Diameter	5"			0.62	4.58						
Height	1' 0"				1						
Altitude	1185'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(5.26)	(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)	2.40	6.89	
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	.77	1.71	
July	4.28	3.89	1.95	3.86	2.18	3.57	2.63	1.47	4.36	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	1.33	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	4.23	6.27	4.14	7.57	2.75	
TOTALS	(45.59)	(38.16)	39.71	43.41	39.50	55.72	43.57	40.26	41.16	42.08	

1941 Jan. Feb. & March not obs. by observer.

1942 Jan. & March not obs. by observer.

1943 Jan. not obs. by observer.

1945 " " " " " "

1947 Jan. Feb. & March not obs. by observer.

20.6.49. gauge inspected by engineer and passed as sound.

6.7.50 Gauge inspected by engineer and passed as sound.

70004 20004

70004 50004 40004

40004

Position of Station on reduced Ordnance Survey Map, 1 mile 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

BRITISH RAINFALL ORGANIZATION

Station No. 514RAINFALL at Rushin (Oakton, Chonai)

51

County of Yorks W.R.Observer S. H. F. E. D. C. O. P. N. W. W.River Basin 7 - Ouse - P.A.Type of Gauge London (New gauge)Annual Average 39.8 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 366File No. 660.65.9/26

Diameter ...	8"	8"	082	460							
Height ...	1' 1"	1' 0"		1							
Altitude ...	1160'	1160'	1165'	51				1171'			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	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								

1951. In the m. 1. v. by S. H. F. E. D. C. O. P. N. W. W. was Ouse-factors
 1952. In the m. 2.5 v. by S. H. F. E. D. C. O. P. N. W. W. was Ouse-factors
 1953 Record terminated and new gauge set up at 1171 ft. owing to progress of work
 which will flood the site. Feb. est. Works Engineer.
 In the m. 3.5 v. by S. H. F. E. D. C. O. P. N. W. W. was Ouse-factors
 Site was from W-S-E. Feb. will be made to interfere

20004

SK 248864

Position of Station on Ordnance One-Inch map :

No. of Map 141National Grid Reference SK 247862

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	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	

Station No. 3114/1RAINFALL at Liverlin (Baking Blough) new gauge.

51

County of

Observer Sheffield Goshw. W.W.

River Basin

Type of Gauge

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

File No. 66069/26

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	(5.45)	3.4	3.25	
March ...				2.78	4.11	1.90	3.48	4.02	2.15	2.88	
April71	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 ...			4P	52.14	35.07	47.64	41.72	48.71	32.16	53.19	

1953 new gauge, see Pamberford

1954 June - inspected by Engineer - satisfactory

1955 Jan. est. by eng'r.

1956 Jan. part est. 1903

Inst. II 1957 BOK. 1/2 round. Site over-crop w-s-e. Tree well rec. liable to interference

1957 np check

1960 np check

1958 np check

1959 np check

see 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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

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

Station No. 3114/3

RAINFALL at ALVERTON (OAKHILL CAMP) No. 2

51

County of Yorks. W.R. Observer SHARPLES CAMPBELLRiver Basin 7 - Ouse - DonType of Gauge Standard Bradford

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

" " 44.27 " 23 " within 1933-57 " 1916-50 " S

File No. 660.609/26

Diameter ...	5	5		082	458						
Height ...	1' 3"	1' 0"		1' 3"	1' 0"			1' 3"			
Altitude ...	1185'				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)	3.5	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	3.44	5.0	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 ...	11.25	3.39	3.01	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 Inst. in 1. v. by Shapfield was; satisfactory

1952 Inst. in 28.10 by Shapfield was; satisfactory

1953 Feb. est. engineer

1954 June inspected by Engineer - satisfactory

1955 July & Feb. est. by Eng'n.

Inst. in 1958 by BOK. S. found. Satisfactory exposure. Little to interfere from sheep & rabbits.

20004

60004

20004 40004

Position of Station on Ordnance One-Inch map :

No. of Map 111

National Grid Reference SK 246862

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	1920-30	1931-40	1941-50	1951-60
			Camp 1932	✓	