

Rainfall at Crookesmoorside Sheffield.

60

Dan'l Doncaster Jr.

Diameter of Gauge, 10 in. □ Height above Ground, 6 in. Above Mean Sea Level, 600 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					1.33	2.38	3.14	3.23			#
February - -					2.07	2.11	3.71	2.84			
March - - -					3.41	.89	2.24	2.82			
April - - -					2.08	1.33	1.53	3.74			
May - - - -					1.63	3.04	1.09	2.34			
June - - - -					1.53	1.53	3.84	2.45			
July - - - -					.55	1.91	4.51	3.75			
August - - -					1.33	4.74	3.41	2.54			
September - -					2.26	.19	5.18	2.75			
October - -					3.54	5.72	3.01	2.39			
November - -					3.32	3.22	3.85	1.40			
December - -					1.67	.46	3.20	1.60			#
TOTALS - -					24.72	28.02	38.71	31.93			
	C	C	C	C							

RAINFALL AT Crookes

Lat..... Long..... County of York N.R.
 Rain Gauge, by..... Observer J. G. Unson Esq.

Diameter	□ 10									
Height	2.									
Altitude	634 629 m									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879 MEANS.
January.....	3.92	2.49	1.60	3.16	1.17	4.94	2.94	1.75		
February.....	2.59	.81	1.76	1.09	3.36	3.21	1.17	2.70		
March.....	2.48	2.59	2.28	.71	4.95	2.33	1.30	1.32		
April.....	3.38	.69	1.79	.80	2.01	2.68	2.20	2.92		
May.....	2.11	2.26	1.17	1.71	1.22	4.12	4.10	2.62		
June.....	4.09	1.85	9.03	7.4	3.09	2.50	2.16	4.53		
July.....	5.91	1.40	1.06	3.90	1.73	1.95	1.07	3.53		
August.....	2.53	1.72	2.95	4.83	1.72	5.25	6.87	4.38		
September.....	4.04	1.72	2.05	3.35	3.83	3.12	2.60	2.63		
October.....	5.45	2.81	3.31	5.56	2.84	3.17	3.03	1.28		
November.....	3.42	2.58	2.87	4.35	3.07	4.62	2.51	1.54		
December.....	3.08	.49	2.57	1.23	7.30	2.69	1.41	2.04		
TOTALS.....	23.60	21.00	43.00	21.41	24.31	34.43	36.29	40.58	31.36	30.24
										31.26

C

1870 & 1871 estimated from Tinsley Locks.

RAINFALL AT Crooke

70

Lat.....

Lon.....

County of York W.R.

Rain Gauge, by.....

Observer J. G. Stevenson Esq.

Weekly 1874

Diameter.....											
Height											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				2.70							
February.....				67							
March.....				2.45							
April.....				68							
May				2.22							
June.....				1.97							
July				1.87							
August.....				1.97							
September.....				1.79							
October.....				2.69							
November.....				2.46							
December.....				.45							
TOTALS.....				21.92	23.58	33.30	36.33	40.52	37.62	30.31	

17

RAINFALL AT Sheffield Crookes **80**

Lat.

Lon.

County of

Yorks

Rain Gauge, by

Observer

J. G. Hunter, Esq.

Ouse. Don Y.

Diameter	<input checked="" type="checkbox"/> 10										
Height	2.0										
Altitude	629 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.7	1.40	3.45	4.74	5.17	2.06	3.94	1.88	.78	1.58	2.417
February	3.18	4.03	2.12	2.50	1.88	3.02	.50	.55	.83	1.48	2.009
March	2.76	3.49	1.77	1.02	1.75	1.53	2.72	1.43	2.66	3.24	2.237
April	1.30	.97	3.48	2.78	1.87	1.91	1.86	1.00	2.22	3.33	2.091
May	2.37	2.22	1.36	1.14	1.33	2.46	6.80	1.89	.59	3.79	2.395
June	3.46	1.98	5.00	2.60	1.68	3.18	1.05	.44	2.38	.24	2.201
July	5.41	1.88	4.04	3.08	3.43	.73	3.35	.93	5.03	2.50	3.038
August	1.91	4.17	1.87	1.82	1.42	2.37	1.80	1.79	2.36	2.43	2.150
September....	5.65	2.49	1.96	4.97	1.45	3.60	1.34	2.08	.80	1.64	2.628
October.....	6.34	3.73	5.27	4.11	1.57	6.67	4.78	2.42	.66	3.72	3.927
November....	3.93	3.75	4.35	3.19	1.14	2.34	1.42	1.53	6.08	.69	2.782
December....	4.07	3.21	4.20	1.97	3.33	1.12	4.41	2.50	1.98	1.51	2.830
TOTALS	40.15	32.32	38.87	33.42	26.02	30.99	34.02	18.74	26.37	26.15	30.705

Expected from Survey: 2° too low.

RAINFALL AT Sheffield, Crookes **80**

Lat. _____

Lon. _____ County of YorksRain Gauge, by _____ Observer J. Guinson, Esq.

ouse - Dom. 4.

Diameter	8									
Height	2.0									
Altitude	629 ft									
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	40.36	32.83	39.10	34.03	26.07	30.82	33.76	18.45	26.43	26.56
										30.841

Rejected from Survey : 2° too low

RAINFALL AT Sheffield Crookes

Lat.

Long.

County of

York W.R.

Rain Gauge, by

Observer

E. M. Eaton Esq. Cl.

L. M. March Esq. Cl.

Obsr. - Dist. 4

Diameter	□ 10										
Height	20										
Altitude	629 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.67	2.12	1.78	1.49	2.76	4.30	1.14	2.16	1.36	4.36	2.514
February	.64	.20	2.10	3.85	4.66	.19	1.07	3.26	2.51	1.71	2.014
March	2.25	1.99	1.11	.75	1.95	2.26	3.83	3.34	1.49	1.25	2.022
April	.79	1.96	.85	.70	2.60	1.88	1.67	2.19	3.32	2.47	1.843
May	3.25	3.29	3.77	2.74	1.48	1.08	.48	.90	2.61	2.44	2.004
June	1.85	3.36	4.03	1.34	2.45	2.12	3.36	3.84	1.59	1.95	2.589
July	2.40	1.88	2.66	3.26	3.28	4.35	.89	.69	1.34	2.57	2.392
August	3.07	3.17	2.70	1.77	2.05	2.37	1.83	2.01	3.45	1.25	2.267
September	1.54	2.23	3.29	1.16	1.21	.70	4.95	2.50	.46	4.06	2.209
October	1.59	3.90	4.76	1.81	5.05	3.55	3.13	1.08	3.21	2.93	2.101
November	3.95	2.70	1.74	1.79	1.47	4.17	1.18	2.90	2.08	1.98	2.396
December	.55	5.76	.89	3.88	2.57	3.49	3.74	3.21	3.25	2.53	2.987
TOTALS	25.55	32.56	29.68	24.54	31.53	30.46	27.27	28.08	26.67	29.49	28.583

1889

Rejected from Survey : 2" too low.

RAINFALL AT Sheffield Crookes

Lat.

Long.

County of

York W.R.Observer E. M. Eaton Esq. C.R.
Place - Don Y. WestbyL.S.M. Marsh Esq. C.R.

Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									1.36	4.45	
February								2.51	1.71		
March								1.49	1.25		
April								3.32	2.47		
May								2.72	2.44		
June								1.69	1.95		
July								1.34	2.57		
August								3.45	1.25		
September46	4.05		
October								3.21	2.93		
November								2.08	1.98		
December								3.25	2.53		
TOTALS	25.79	32.55	29.69	24.54	31.53	30.37	27.28	28.15	26.88	29.58	28.636

1880

Rejected from Survey: 2° too low.

RAINFALL AT Sheffield Brooks

Lat.

Lon.

County of York W.R. Southern

Cotley

Rain Gauge, by

Observer L.P.M. March. Eng. Cl.

Dosey Don't

Diameter ..	10										
Height	2.0										
Altitude ..	629 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EANS.
January ..	3.99	2.33	1.32	3.21	3.00	1.30	3.63	1.38	1.89	2.07	2.412
February ..	3.51	1.21	1.49	2.35	4.14	1.31	2.90	2.05	2.49	.70	2.215
March ..	.67	2.08	1.51	3.27	1.65	2.81	2.38	2.53	2.90	3.99	2.579
April	1.76	1.73	2.62	1.60	2.22	2.26	.58	2.13	2.22	1.57	1.864
May	1.78	.79	2.87	3.37	2.38	.46	1.81	3.73	2.28	1.89	2.136
June	3.16	.92	1.56	1.21	.54	3.14	1.69	3.69	1.52	3.09	2.053
July	2.78	3.24	2.03	2.28	1.80	1.63	1.89	1.96	2.64	3.48	2.313
August	4.47	1.49	4.53	4.37	3.89	3.97	1.85	2.34	2.93	2.06	3.190
September ..	.54	.96	1.37	3.77	1.10	1.11	.78	.47	1.44	2.24	1.373
October	2.64	2.24	3.16	6.61	.66	1.94	5.63	5.34	1.04	2.86	3.212
November ..	2.60	4.60	2.27	1.51	2.12	3.77	3.20	3.14	1.58	.73	2.552
December ..	3.50	5.19	2.43	1.42	1.69	61	2.43	2.42	1.69	6.36	2.774
TOTALS ..	31.40	26.78	27.16	34.97	25.19	24.31	28.17	31.18	24.52	31.04	28.472

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Hab

Rejected from Survey: 2° too low

RAINFALL AT Sheffield Crookes

Lat.

Lon.

County of York W.R. Southern

Glacier Rain Gauge, by

Observer L. M. March Eng. Cl.

Date - Don't Weekly

Diameter ..	8										
Height	2.0										
Altitude ..	629 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEAN.
January ..	3.99	2.33	1.27	3.30	2.98	1.30	3.69	1.43	1.89	2.10	2.428
February ..	3.51	1.21	1.49	2.47	4.14	1.36	2.99	2.02	2.51	.68	2.538
March67	2.07	1.44	3.43	1.69	2.80	2.41	2.61	2.88	3.97	2.391
April	1.76	1.73	2.50	1.56	2.21	2.23	.56	2.13	2.18	1.64	1.850
May	1.78	.99	2.75	3.27	2.34	.45	1.83	3.81	2.29	1.83	2.134
June	3.16	1.04	1.53	1.15	.51	3.14	1.75	3.66	1.56	3.03	2.053
July	2.78	3.25	1.93	2.22	1.79	1.57	1.41	2.00	2.54	3.28	2.277
August	4.47	1.45	4.32	4.29	3.88	3.94	1.85	2.36	3.01	2.02	3.159
September ..	.54	.91	1.32	3.76	1.09	1.14	.74	.46	1.44	2.23	1.363
October	2.64	2.13	3.29	6.53	.64	1.94	5.63	5.41	1.05	2.88	3.214
November ..	2.64	4.53	2.18	1.55	2.17	3.78	3.26	3.20	1.62	.71	2.564
December ..	4.67	5.18	2.53	1.44	1.75	.62	2.45	2.33	1.70	6.37	2.904
TOTALS ..	32.61	26.82	26.55	34.97	25.13	24.27	28.57	31.42	24.67	30.74	28.55

Rejected from Survey: 2° too low.

H. H. /

RAINFALL at Sheffield Cakes

County of W.R. Yorkshire

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

River Basin Ouse-Don 7

Recording Rain Gauge, by Oracy.

Diameter ...	10										
Height	2.0										
Altitude ...	629										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS TOTALS
January ...	3.40	1.45	4.19	3.73	1.74	3.52	1.95	2.02	2.75	4.19	10.91
February ...	3.73	3.18	1.62	1.23	1.79	3.72	5.84	.49	2.89	1.73	10.45
March	1.00	1.26	3.56	4.10	2.66	1.02	4.94	2.43	1.28	4.50	13.15
April	2.50	1.59	.57	3.10	1.30	1.28	1.48	1.78	1.25	1.59	6.10
May	2.63	.94	3.50	2.16	1.46	1.43	2.51	1.53	2.67	1.69	8.40
June.....	2.95	2.08	3.89	.86	2.17	1.46	2.15	2.32	.63	.50	5.60
July	1.85	.19	5.52	1.30	2.17	4.08	1.22	1.09	3.68	4.97	10.96
August.....	3.32	1.72	5.36	1.28	1.31	2.01	1.31	4.93	1.45	2.15	10.54
September ..	.35	2.00	1.04	2.77	1.56	.65	1.58	.88	6.83	2.52	11.81
October ...	2.29	2.20	2.69	4.06	2.14	1.40	3.52	3.95	2.00	3.10	12.57
November ..	3.71	3.95	2.36	3.37	3.90	2.85	3.36	2.22	1.50	2.20	9.28
December...	3.93	5.13	4.00	1.94	5.55	7.80	2.95	1.44	4.47	5.57	14.13
TOTALS ...	31.66	2569	3880	29.90	28.05	30.72	32.31	2508	31.40	35.11	122.90

Rejected from Survey: 2° too Low.

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

RAINFALL at Sheffield Crookes

County of W.R. Yorkshire

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

River Basin Derwent 7

Gauge Rain Gauge, by

Weekly

Diameter ...	8											1910-19 MEANS. 10.95
Height	2.0											
Altitude ...	629 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	5.37	1.44	4.15	3.72	1.77	3.57	1.95	2.03	2.83	4.18		10.99
February ...	3.69	3.12	1.64	1.25	1.79	3.75	5.36	.50	2.90	1.92		10.48
March97	1.24	3.52	4.10	2.67	1.02	4.96	2.43	1.29	4.50		13.18
April	2.48	1.59	.58	3.08	1.29	1.27	1.49	1.75	1.25	1.56		6.05
May	2.61	.95	3.53	2.20	1.46	1.45	2.50	1.52	2.68	1.69		8.39
June	2.97	2.09	3.90	.87	2.15	1.48	2.16	2.32	.62	.50		5.60
July	1.86	.17	6.56	1.32	2.15	4.11	1.19	1.08	3.65	2.96		10.88
August	3.39	1.72	5.41	1.27	1.28	2.02	1.32	4.89	1.43	2.84		10.48
September ..	.35	2.03	1.06	2.78	1.57	.66	1.57	.87	6.87	2.51		11.82
October ...	2.33	2.24	2.71	4.04	2.01	1.40	3.54	3.96	2.03	3.11		12.64
November ..	3.67	4.06	2.34	3.35	4.03	2.86	3.34	2.22	1.50	2.19		9.25
December ...	3.85	5.20	4.02	1.96	5.86	7.33	2.98	1.45	4.48	5.28		14.19
TOTALS ...	31.54	25.85	35.42	29.94	28.03	30.92	32.36	25.02	31.53	35.04		123.95

Extracted from Survey : 2° to Land.

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

RAINFALL at Sheffield W. D. Crookes

County of W. R. Yorkshire

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

River Basin Guse-Don 7

S. H. Studley CfE (1924)

Recording Rain Gauge, by Crossley
equal quantities of water when passed
in gauge - .026, - .060, - .075 + .080 successively.

~~Shoppies L.W.~~

Diameter ...	10										
Height	2.0										
Altitude ...	629										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	3.86	3.59	4.09	1.65	2.07	3.67	3.44	2.01	6.88	1.27	4.79
February ...	3.07	.26	3.14	5.43	1.05	3.99	2.17	1.41	4.33	.62	.71
March	2.24	1.97	1.91	1.78	.80	1.04	1.57	2.81	2.71	.11	2.82
April.....	4.54	.85	3.64	2.27	1.81	2.97	1.66	2.25	1.15	.96	2.45
May	2.96	1.13	.69	3.22	3.41	3.57	2.87	1.37	1.13	1.97	1.52
June	3.30	.29	1.32	.69	1.65	.09	3.10	3.91	3.25	1.45	1.01
July	4.53	.47	3.13	5.20	2.51	.87	2.47	2.51	.67	1.15	6.13
August	1.90	4.66	8.48	2.87	2.50	3.12	2.54	4.67	2.57	1.95	2.34
September...	1.10	7.4	2.59	2.30	3.26	2.42	1.32	3.95	.21	1.45	5.25
October.....	1.83	2.25	.82	2.15	4.04	3.51	2.96	2.44	4.49	3.50	3.23
November...	1.09	1.77	1.49	4.69	2.15	2.14	3.49	3.03	5.26	6.25	3.39
December...	3.34	4.45	3.77	2.59	3.01	3.22	1.41	2.43	2.05	7.83	2.69
TOTALS...	32.76	22.43	35.07	34.90	28.26	30.61	29.30	32.79	34.70	28.21	36.33
	D	D	D	P	P	P	D	D	P	D	D

Inspected 8/24. Similar position to Blaisher.

Engelmann B. 26-7-22
Hypothorax in similar position with mouth 3 ft. above ground. Should be
secure in ground. Working extremely well.

Rejected from Survey : 2° too low

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	Parish Church.	Distance from gauge

RAINFALL at Sheffield W. W. Crookes

County of W. R. Yorkshire

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

River Basin Curve - Dow

S. H. Studley CE (1924)

In Glasshouse Rain Gauge, by Stanley (London) Steffens 1911.
good condition, no scales. Is. on terrace of stone walls making mouth
2 ft. in above ground

Diameter ...	8	-10-								
Height	20									
Altitude ...	629									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	3.88	3.59	4.20	1.61	2.07	3.66	3.42	2.02	6.88	1.27
February ...	3.06	.26	3.15	5.42	1.05	3.79	2.17	1.41	4.33	.62
March	2.24	1.96	1.92	1.77	.80	1.04	1.57	2.81	2.71	.11
April	4.54	.85	3.65	2.26	1.82	2.98	1.66	1.24	1.15	.96
May	2.99	1.11	.69	3.22	3.42	3.58	2.88	1.37	1.11	1.97
June	3.32	.29	1.31	.69	1.65	.09	3.11	3.89	J23	1.46
July	4.55	.47	3.14	5.21	2.50	.87	2.48	2.50	.69	1.14
August92	4.65	8.45	2.87	2.50	3.12	2.55	4.67	2.57	1.95
September...	1.11	.75	2.59	2.39	3.27	2.42	1.32	3.95	.21	1.45
October.....	1.84	2.27	.81	2.17	4.04	3.47	2.97	2.35	4.61	3.47
November...	1.08	1.77	1.50	4.69	2.16	2.19	3.79	3.02	5.29	6.19
December...	3.36	4.46	3.78	2.62	3.01	3.22	1.41	2.43	2.05	7.50
TOTALS...	32.89	22.43	35.19	34.92	28.29	30.43	29.33	32.66	J483	28.09
										36.17
										345.23
										1920-30 70-215
										1920-30 70-215

Inspected by		21-7-2
		(in glass)
Glass .10	-	.098
.20	-	.195
.40	-	.393
.50	-	.489

g. should be placed in new position selected
for only 1 ft. above ground. In present position it
is rather wet - exposed -

Rejected from Survey : 2° too low

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

RAINFALL at Sheffield W.W. (Crookes)

County of West Riding

Observer Sheffield Corp. W. W.

River Basin. Ouse - Don - 7.

(R) 5" N.O. 3/3/33

Annual Average ~~for 1950~~ in. based on ~~1950~~ years obs. ~~un~~-weighted. Period of average.

1881 - 1915

~~660609/26~~ ^{Ench.} 105A

~~...key~~ ~~blooboo~~

Diameter	10.	5		5							
Height	2.0.	1	1				1' 0"				
Altitude	629.	630					629				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total
January	2.67	3.00	2.42	2.97	1.71	3.26	5.57	4.01	5.55	(2.53)	33.69
February	3.37	2.27	4.51	3.33	4.24	2.79	5.18	1.20	1.91	2.30	26.10
March	.16	1.64	2.07	2.93	1.62	2.14	3.47	.31	2.33	2.51	19.18
April	3.33	3.19	1.22	2.57	2.61	1.56	2.22	.19	1.99	2.73	21.61
May	2.68	6.59	1.82	1.79	1.44	1.39	3.14	2.74	2.04	1.10	23.73
June	4.09	.69	1.25	1.05	3.10	3.57	1.01	2.00	2.38	.62	19.79
July	4.05	4.39	2.32	1.80	.77	3.87	2.93	3.60	5.07	2.81	31.61
August	5.42	2.23	0.47	1.17	1.84	1.38	.56	3.50	2.51	.39	19.47
September	3.78	1.69	1.58	1.81	4.38	3.08	1.69	2.43	2.13	1.43	24.00
October	.79	4.19	5.28	2.97	5.69	3.26	3.24	5.08	3.70	4.28	38.48
November	4.13	2.31	1.68	2.09	5.79	3.29	2.24	4.26	5.69	7.26	38.74
December	1.58	1.22	0.62	5.14	3.87	3.13	3.64	3.80	2.19	2.74	27.93
TOTALS	36.05	31.41	28.24	26.62	36.06	32.72	34.92	33.12	37.40	30.70	324.33

1933. On 3/3/33 the Clevley Recording q. was replaced by a 5" Mo. q. at 11¹/₂

Rejected from Survey as 2" too low. Letter sent 17/1/22

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

Reference No.

RAINFALL at Sheffield W.W. (Crookes)

County of West Riding

Observer Sheffield Corp. W.W.

River Basin Ouse-Dan-7

Type of Gauge

Annual Average 20.0 in. based on 7 years obs. un-weighted. Period of average 1881-1910 Ref. 660609/26

Diameter	8.										
Height	2.0.										
Altitude	629.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means of 10 yrs
January	2.65	2.90	2.18	2.79	1.66	3.11	5.29	3.88	5.21	(2.52)	32.19
February	3.48	2.29	4.53	3.32	4.13	2.70	4.91	1.15	1.81	2.08	25.40
March	1.16	1.62	2.09	2.66	1.58	2.00	3.26	1.30	2.27	2.36	18.30
April	3.33	3.15	1.17	2.42	2.46	1.43	2.14	1.19	1.87	2.54	20.70
May	2.71	6.54	1.74	1.63	1.43	1.32	3.02	2.65	1.99	1.01	23.04
June	4.14	6.67	1.17	1.00	2.90	3.46	1.02	1.95	2.34	.59	19.24
July	4.14	4.34	2.20	1.71	1.74	3.68	2.87	3.48	4.90	2.65	30.71
August	5.42	2.22	0.43	1.07	1.82	1.32	1.54	3.44	2.37	1.34	18.97
September	3.78	1.65	1.48	1.72	4.24	3.00	1.65	2.37	2.13	1.36	23.38
October	.82	4.12	5.13	2.89	5.57	3.19	3.11	5.00	3.47	4.04	37.34
November	4.08	2.25	1.57	1.99	5.58	3.14	2.13	4.17	5.47	6.96	37.34
December	1.54	1.11	0.60	4.89	3.69	3.01	3.42	3.62	2.13	2.63	26.64
TOTALS	36.25	30.86	24.29	25.09	34.80	31.36	33.36	32.20	35.96	29.08	313.25
	II.	IV	V	VI	VII	VIII	V	VII	V	V	

*Referred from Survey as 2° to 1 in. Reference 7/8/33*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. 3117 T.F.

RAINFALL at Sheffield W.W. (broadside)

41

County of West Riding, Yorkshire. Observer Sheffield Corporation W.W.

River Basin Once - Don. 7

Type of Gauge M.O. Standard (1946)

Annual Average 31.0 in. based on years obs. un-weighted. Period of average 1931-1945 Ref. bba.bog/2b

Enc. 105a

File No. bba.bog/2b

Diameter	5"		082	580							
Height	1' 0"				1						
Altitude	bog'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means 15.505
January	3.67	3.22	4.91	4.16	3.20	4.55	(3.26)	6.74	1.36	1.37	36.47
February	3.78	1.18	1.91	1.72	3.17	4.89	(2.80)	2.46	1.69	5.86	29.47
March	4.89	2.02	1.56	1.53	1.67	1.29	(4.58)	1.28	1.38	1.20	19.40
April	1.68	1.60	2.15	2.39	1.87	1.30	3.67	1.85	2.82	3.40	22.73
May	3.00	4.64	2.79	2.43	3.22	2.34	2.44	1.52	1.66	1.78	25.79
June	3.31	1.17	1.62	2.34	3.53	3.44	2.77	3.28	.58	1.18	20.22
July	4.06	2.32	1.45	2.47	1.91	2.77	1.41	1.11	4.61	1.74	23.87
August	2.90	3.96	2.67	2.68	2.91	4.51	.53	4.80	1.65	3.39	30.00
September	4.40	1.26	3.39	4.67	1.04	4.57	1.59	1.49	1.08	3.88	23.37
October	4.54	2.96	2.04	3.28	5.58	1.38	.62	1.62	3.50	1.58	27.10
November	3.71	1.64	2.80	5.68	.41	6.88	3.32	1.35	4.83	4.82	35.44
December	1.30	2.59	1.16	2.69	2.08	3.34	4.10	3.64	4.93	1.78	27.56
TOTALS	34.26	28.57	28.45	35.04	29.59	41.26	31.09	31.17	30.09	31.90	321.42

1947 Jan, Feb & Mar. sent for snow by observer
5.7.49. Gauge inspected by engineer and passed as sound. 70004Position 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

Station No. 3118 T.F.

RAINFALL at Sheffield W.W. (Brookend) [CHECK GAUGE] 41

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

River Basin Don.

Type of Gauge Standard

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

File No. bba.b09/ab

Diameter	8"		082	581								
Height	2' 0"				1							
Altitude	b.s.g.				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means	Total/3
January	3.60	3.00	4.69	3.94	3.03	4.58	(3.26)	6.67	1.40	1.39	35.56	
February	3.68	1.10	1.82	1.62	2.97	4.86	(2.80)	2.46	1.67	2.81	28.67	
March	4.54	1.98	1.51	.50	.63	1.24	(4.54)	1.28	1.36	1.20	18.78	
April	1.89	1.55	2.05	2.28	1.80	1.30	3.15	1.85	2.84	3.39	22.30	
May	2.92	4.44	2.67	2.33	3.23	2.35	2.45	1.52	1.66	1.75	25.32	
June	2.8	1.12	1.54	2.29	3.53	3.41	2.73	3.28	1.58	1.18	19.94	
July	3.99	2.18	1.38	2.35	1.91	2.75	1.42	1.11	4.50	1.73	23.32	
August	2.76	3.79	2.54	2.56	2.91	4.47	.53	4.80	1.63	2.89	29.38	
September	.37	1.17	3.27	4.41	1.04	4.52	1.58	1.48	1.08	3.86	22.77	
October	4.24	2.85	1.91	3.09	5.54	1.36	.62	1.61	3.49	1.58	26.29	
November	3.49	1.55	2.62	5.35	.41	6.75	3.32	1.34	4.78	4.81	34.12	
December	1.21	2.48	1.07	2.50	2.07	3.29	4.06	3.61	4.84	1.72	26.85	
TOTALS	32.55	27.21	27.07	33.22	29.07	40.88	30.96	31.01	29.83	31.80	313.60	

1947 Jan, Feb & March omitted for snow by observer
 5.7.47. Gauge repaired by engineer and passed as sound. 70004

1950 np check.

Values to 1945 not printed in General Tables. - check 9.

1946	diff 10.	1947.
1947	diff 10.	"
1948	diff 10.	"

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

Station No. 3117

T.F. 71

51

RAINFALL at Sheffield W.W. (Crookes)County of West Riding - Yorks. Observer Sheffield Corp. W.W.River Basin Dove - DonType of Gauge Showalter Bradford (+AOS)

Annual Average 31.0 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. W.M.B. 29/26
31.86 " " 35 " 1916-1950 1916-1950 P and 1050
 File No. 20060609/26

Diameter	5"		082	580							
Height	1' 0"			1						1' 1"	
Altitude	629'			57							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.79	3.62	.92	2.46	2.43	5.69	2.04	3.63	3.11	5.00	32.09
February	3.48	1.01	1.89	2.91	2.30	1.16	3.00	(4.41)	1.14	2.95	23.25
March	3.87	2.38	2.08	2.47	3.35	1.25	2.68	2.04	1.60	2.04	23.76
April	1.23	1.79	2.61	1.45	.89	2.40	1.12	.88	3.57	1.64	15.58
May	3.89	3.00	2.42	3.74	3.33	.57	1.05	2.84	1.04	1.78	23.86
June	.68	1.64	2.17	2.46	3.40	3.29	1.20	5.35	1.33	1.77	23.29
July	1.40	1.26	2.70	2.20	1.22	5.98	3.50	5.96	1.44	2.85	28.51
August	5.44	1.54	3.32	6.71	.76	6.12	4.77	2.77	.92	3.34	35.69
September	1.87	3.00	1.55	2.56	.90	3.56	4.09	3.65	.04	4.29	25.51
October	.99	4.82	2.07	3.56	2.33	1.52	1.93	2.98	2.44	7.09	29.73
November	7.94	2.22	1.99	7.07	2.83	1.02	2.35	.78	4.15	4.98	35.33
December	4.10	2.26	1.32	4.00	4.04	3.96	3.48	4.46	4.96	3.82	36.40
TOTALS	3768	28.54	2504	41.19	27.78	36.52	30.21	34.75	24.74	41.55	333.00
	D	D	D	D	D	D	D	D	D	D	

July 1955 J.B.O.K. g. source. Recommission site now on embankment NE-SE. Plot. by hand measure.
 1960 Open-tensiometer recorder installed by City Engineer & E 23366/58
 20004

(B.M. Average)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SK(43)330.878

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 (S)	1920-30 (S)	1931-40 (S)	1941-50 (S)	1951-60
	/	/	/	/	/

Station No. 3118 cf. 71

51

RAINFALL at Sheffield W.W. (Brook) (tA) (check gauge)County of West Riding - Yorks.Observer Sheffield Corp. W.W. AtRiver Basin Dove - Don - Y.Type of Gauge Snowden

Annual Average in. based on years obs. un-weighted. Period of average Ref.
 31.32 " " 35 " " 1916-1950 1916-1950 P
 File No. 660609/26

Diameter	8"			082	581						
Height	2' 0"					1				1' 9"	
Altitude	629'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.79	3.62	.92	2.46	2.37	5.64	2.04	3.60	3.06	5.03	
February	3.43	.95	1.89	2.92	2.21	1.12	3.02	(4.38)	.14	3.01	
March	3.81	2.36	2.08	2.47	3.35	1.25	2.68	2.03	1.62	2.02	
April	1.22	1.79	2.61	.45	.89	2.33	.12	.88	3.59	1.65	
May	3.84	3.00	2.42	3.94	3.32	.57	1.05	2.84	1.07	1.81	
June	.68	1.64	2.17	2.46	3.30	3.28	1.21	5.35	1.35	1.78	
July	1.39	1.26	2.70	2.20	1.21	5.96	3.46	5.94	1.46	2.89	
August	5.41	1.52	3.32	6.71	.76	6.08	4.76	2.74	.93	3.34	
September	1.87	2.99	1.55	2.56	.90	3.56	4.02	3.62	.04	4.32	
October	.99	4.79	2.06	3.54	2.33	1.52	1.92	2.97	2.47	7.06	
November	7.80	2.21	1.99	7.03	2.82	1.02	2.31	.77	4.21	5.02	
December	4.04	2.25	1.32	3.97	4.08	3.97	3.41	4.40	5.02	3.83	
TOTALS	37.27	28.38	25.03	41.11	27.54	36.30	30.00	39.52	24.96	41.76	
	n.p.d	n.p.d	n.p.d								

1951. n.p. check.

1952. n.p. check.

1953. tP. check.

1954. n.p. check.

1955. n.p. check.

1955. n.p. check.

1959. n.p. check.

1960. n.p. check.

2000.4

Hub. II 1952-80%. One-in-four NE-SE. Worse than 3117. Flat-bottomed measure. Seal at junction of dials and funnel. Hygrometer belongs to City Surveyor.

1957 n.p. check

1958 n.p. check

Position of Station on Ordnance One-Inch map : No. of Map 111 National Grid Reference SK 330872

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	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ n.p. check	