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139/5

RAINFALL at Ewden Valley (Broomhead Hall) 20
313915

County of Yorkshire Observer Sheffield Corporation W.W.

River Basin Ewden Beck
(into Don)

5^o Rain Gauge, by Casella (Monthly Pattern) John Deewal

Diameter	5"										
Height	1 Ft.										
Altitude	930										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January							3.60	2.46	1.71	6.32	
February							8.13	.96	4.31	4.35	
March							5.42	2.86	1.89	7.33	
April							2.73	2.67	1.64	1.89	
May							2.89	1.82	2.85	1.71	
June							2.94	4.45	1.13	.88	
July							3.62	1.85	2.60	4.31	
August							1.69	8.09	1.41	3.88	
September							2.05	3.42	6.05	2.98	
October							4.73	3.72	2.77	4.12	
November							3.74	3.43	2.05	3.50	
December							3.16	2.54	6.45	7.55	
TOTALS							44.73	38.24	34.86	48.82	

1916-29 late up

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

Reference No. C-5

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
Dec: 14 30.	53° 27' 45"	"	Deeprcar	3 $\frac{3}{8}$ m	E.N.E	Stocksbridge	2 $\frac{3}{8}$	N.E
	1° 38' 4"							

RAINFALL at Ewden Valley (Broomhead Hall)

County of YORKSHIREObserver Sheffield Corporation W.W.River Basin Ewden Beck

(into Don)

5⁵₅ Rain Gauge, by Carroll
(monthly pattern)John D. Seawell

Diameter	5										
Height	1 ft										
Altitude	930' OD										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	5.95	6.66	5.79	2.50	2.98	5.76	5.24	3.24	11.62	2.28	6.79
February	4.46	.30	4.80	6.40	2.02	6.88	3.48	1.82	6.87	.71	1.20
March	4.57	3.09	3.10	1.80	1.21	1.44	2.31	4.59	3.76	.34	3.75
April	6.50	1.54	5.08	3.37	2.42	4.21	2.73	5.38	1.86	1.69	4.11
May	5.05	1.95	.99	4.57	4.72	4.56	3.54	1.64	1.87	2.71	2.52
June	3.52	.33	1.51	.98	2.50	.13	3.76	4.87	4.27	1.79	2.63
July	7.49	1.12	4.57	3.74	3.89	2.22	4.09	2.88	1.45	4.14	8.46
August	2.02	5.54	6.78	3.67	3.31	3.36	3.61	4.85	4.37	3.36	3.91
September	1.71	.77	3.68	3.01	4.25	3.39	2.25	5.88	.58	1.77	5.95
October	2.77	3.23	1.60	3.05	5.96	5.01	5.31	4.94	6.22	4.89	5.32
November	1.95	2.41	2.91	6.19	3.19	3.49	5.86	6.66	8.79	8.99	5.27
December	4.70	6.25	4.77	3.79	4.56	4.21	2.66	3.56	3.71	11.69	3.74
TOTALS	50.69	32.69	45.58	43.59	44.01	44.66	44.24	50.31	55.37	44.36	53.65

1916 - 29 late Jap.

1920 record up site not ideal.

Inspected x 11/30 : New site recommended.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map... / 3

Reference No. C. 5 =

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
Dec. 1930 53° 27' 45"	0° 38' 44"	Deepear	3 3/8 m	E.N.E	Stockbridge	2 3/8 miles	N.E.	

RAINFALL at Swinden (Broomhead Hall) N° 50.

County of Yorks W-Riding

Observer Shiffield Confin. w.w.

River Basin T. Ouse & Don.

Type of Gauge

Annual Average 42.1 in. based on 14 years obs. unweighted. Period of average 1881-1915 Ref. P.B. 366

660609/26

Diameter					5					
Height					1	0				
Altitude	905'									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
January	5.06	4.21	3.10	3.71	2.80	4.51	6.11	5.08	6.10	(4.12)
February	4.42	.50	7.50	.45	6.52	4.42	7.26	1.84	2.84	(2.45)
March	.25	2.95	3.12	4.72	1.36	3.25	4.31	1.8	3.15	2.93
April	5.49	4.63	1.22	2.97	2.94	1.89	2.52	.23	2.12	3.35
May	3.25	6.74	2.87	2.14	.46	1.50	3.40	3.16	2.50	1.12
June	6.33	.83	2.64	1.60	3.53	4.36	.95	2.83	2.76	.77
July	3.70	5.09	2.13	2.10	1.30	3.46	2.89	3.05	6.17	3.12
August	8.26	2.47	0.66	1.88	2.23	1.31	.93	2.92	2.31	.67
September	5.02	2.83	2.96	3.05	5.30	4.56	1.92	3.19	1.99	2.92
October	1.42	6.00	5.53	3.74	8.30	3.78	3.81	7.47	4.24	5.50
November	5.55	3.57	2.40	2.86	7.49	5.13	2.24	5.04	4.15	8.98
December	1.50	1.76	0.63	3.85	4.22	4.46	4.42	4.17	3.45	3.48
TOTALS	50.25	41.58	34.66	35.07	46.45	42.63	40.76	40.46	44.98	39.41

1931. 9 moved 20yds. west.

1932. 9 - - - 22yds NE 1/3/32.

Position of Station on reduced Ordnance Survey Map, } No. of Map... 37..... Reference No.... F9.....
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
53.27.44	1.38.6						

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

RAINFALL at Buxton (Broomhead Hall)

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

River Basin, Cuse, Don, Y.

Type of Gauge, Standard.

Annual Average, in. in. based on 14 years obs. un-weighted. Period of average 1881-1916. Ref. Pro B. 366

File No. b6069/2b.

Diameter	5		082	064							
Height	1' 0"				1						
Altitude	905'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(4.48)	(4.07)	5.66	5.40	(4.37)	4.97	(4.32)	8.39	1.87	1.94	
February	(4.84)	1.49	2.35	1.88	4.72	5.01	(3.67)	3.06	1.94	7.01	
March	6.23	2.29	1.28	.46	1.06	1.75	(6.71)	1.62	1.20	1.88	
April	2.57	2.73	2.47	2.63	2.31	1.75	3.78	2.05	3.33	4.83	
May	3.22	4.46	3.32	3.81	4.17	2.96	2.97	1.63	2.31	2.23	
June	.53	1.30	2.20	2.12	3.44	4.66	2.81	4.87	.74	1.17	
July	2.89	3.44	1.74	3.02	1.84	2.79	2.17	1.42	4.31	2.12	
August	4.07	4.27	3.54	3.16	3.70	4.51	.45	5.84	2.34	4.07	
September	.31	2.25	4.73	4.79	1.48	6.34	1.46	1.98	1.57	5.26	
October	4.66	3.60	2.37	3.83	6.03	1.80	.88	1.66	3.98	1.90	
November	4.39	1.56	3.29	7.73	.57	8.47	3.72	1.50	6.76	6.78	
December	1.64	3.52	2.25	3.87	3.51	4.05	3.84	4.15	7.43	(2.03)	
TOTALS	(39.83)	34.98	35.20	42.76	37.20	49.06	36.78	38.17	37.78?	40.91	

1941: Jan. 9 2nd cal'd. by observer. 40004 70004

1942: January 100004 40006

1945: Jan. 100004 40006

1946: 1st 9 sound. No change reported (and 148 A)

1947: n.p. low. Jan. Feb 3 man used for snow measurements

1948: Broomhead Station found 3rd. Rain caught in glass bottle. gauge on sloping land to W, 156. growing trees 50 yds west. Proposed to adapt next fall 30 degrees. 15.6.08. gauge reported by engineer - re-sited on June 17th and passed as sound.

1949 return of rainfall prints will be every.

Does your Rain gauge descend?

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. 2137/5

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RAINFALL at FARNBOROUGH HALL

County of YORKS. W.R.

Observer STEPHEN COOPER 22.12.12

River Basin 7 - Ouse - Don

Type of Gauge Standard Bradford

Annual Average 42.1 in. based on 14 years obs. un-weighted. Period of average 1881-90
 " 40.06 " 23 " within 1931-57 " 1916-59
 File No. 665 409 f 2.6

Diameter ...	5"			082	064						
Height ...	1' 0"					1					
Altitude ...	905'	900'	900		51	on 1090 905					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.32	4.90	1.13	3.65	(3.00)	6.59	3.14	4.78	4.36	6.28	
February ...	4.14	1.40	2.10	3.69	2.82	(1.66)	3.75	(5.66)	2.20	(3.23)	
March ...	5.18	2.29	2.66	2.86	3.65	1.94	3.11	2.93	1.77	2.95	
April ...	1.99	2.17	3.24	.61	1.11	2.97	.21	.98	4.38	2.34	
May ...	3.85	2.54	2.82	4.24	3.99	.98	1.54	3.91	.95	2.00	
June ...	1.03	2.03	2.66	2.12	3.56	3.96	1.35	5.21	2.17	1.51	
July ...	1.79	1.77	3.73	2.71	.91	7.37	3.63	5.20	2.07	4.51	
August ...	4.92	2.35	4.11	6.79	1.19	6.93	6.42	2.90	1.32	4.16	
September ...	1.93	4.51	1.97	3.94	1.29	4.12	4.93	4.49	.08	4.05	
October91	7.19	2.05	5.75	2.95	2.62	3.48	3.72	3.17	8.70	
November ...	10.27	2.29	3.08	1.04	2.56	1.64	2.90	1.01	5.74	6.56	
December ...	6.26	3.03	1.52	5.84	5.10	4.94	5.00	5.26	7.61	5.25	
TOTALS ...	46.59	36.47	31.07	50.24	32.13	45.72	39.46	46.05	33.82	51.54	
	M					M			M		

1951 Last year 36.47 by 82mm open Corp. in new, Rain gauge, 20004

1954 Key drop by engineer satisfactory 20004

1955 Jan est'd by 82mm 40004

July 1955 f BOK & sound. Site satisfactory

Position of Station on Ordnance One-Inch map :			No. of Map	102	National Grid Reference 24242963	
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19 B	1920-30 B	1931-40 B	1941-50 B	1951-60
Record D, or d	C 1916	S up 30	✓	V up +7	-