

RAINFALL at Gwden Valley, (Trangery Hill)County of YorkshireObserver Sheffield Corporation W.W.River Basin Gwden Beck
(into Don)5" Rain Gauge, by Cassella
(Monthly Pattern)John H. Sewell

Diameter ...	5"										
Height	1.5 ft.										
Altitude ...	1790' OD										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...							5.10	4.32	3.28	5.80	
February ...							9.64	1.24	7.15	1.62	
March							5.60	5.87	2.18	4.28	
April							3.67	2.41	1.51	2.40	
May							2.60	2.18	3.50	2.26	
June							4.58	2.38	2.65	1.38	
July							3.00	2.30	4.70	4.34	
August							2.66	8.10	2.78	4.45	
September...							2.38	2.48	10.96	3.28	
October							7.70	6.71	3.56	2.05	
November...							5.03	5.51	3.62	3.40	
December...							4.50	2.98	8.49	7.94	
TOTALS...							56.46	46.54	54.38	43.20	

1916-21 late sup.

Position of Station on reduced Ordnance Survey } No. of Map 13
Map, 2 miles to 1 inch SeriesReference No. C 4

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
Dec: 1930.	53° 27' 27"	1° 42' 51"	Haslehead	4 1/2 m.	N.	Langsett	3 1/4 miles	N. N.E.

RAINFALL at Ewden Valley (Mangery Hill) (1)

County of Yorkshire Observer Sheffield Corporation W.W.

River Basin Ewden Beck
(into Don)

Rain Gauge, by Casella
(Monthly Pattern)

John G. Davies

Diameter	5"										
Height	1 Ft.										
Altitude	1790' OD										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	5.45	8.82	6.72	4.71	3.70	6.64	6.04	3.64	11.46	1.84	6.34
February	4.43	.75	6.02	7.84	1.85	6.10	4.82	1.25	7.24	.80	1.21
March	3.33	3.92	3.42	2.71	1.56	1.48	2.81	5.06	3.17	.49	4.21
April	7.55	1.41	5.99	3.36	2.60	3.32	3.02	4.00	2.24	1.96	3.72
May	7.85	2.34	1.20	4.60	5.12	4.75	3.56	1.98	1.74	2.97	2.87
June	4.68	.38	2.72	1.23	3.61	.21	4.75	5.14	4.71	1.92	4.55
July	7.33	1.74	5.30	4.82	5.75	1.90	4.56	4.75	1.25	3.68	8.04
August	2.68	7.10	8.02	5.10	4.48	3.90	4.86	6.81	4.62	3.91	4.76
September	2.51	1.12	5.21	5.81	5.06	4.55	3.17	6.35	.65	1.49	6.71
October	3.54	3.14	1.72	4.52	6.94	6.24	5.88	5.49	7.18	6.48	6.38
November	2.25	3.60	3.50	8.10	4.07	3.25	5.98	6.52	10.32	9.86	6.22
December	5.01	8.37	5.26	4.80	5.20	6.32	2.42	4.61	2.86	10.32	3.70
TOTALS	56.61	42.69	55.08	54.60	49.94	48.66	51.84	55.60	54.44	45.64	58.71

1916-29 late sup.

Inspected x11/30. New site selected for additional gauge 100 ft. to NE.

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

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

Reference No... C. 4.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
Dec. 1930	53° 27' 27"	1° 42' 51"	Hazlehead	4 1/2 m	N.	Langsett	3 1/2 miles	N. N.E.

RAINFALL at Eoden (Margery Hill) No. 1.*County of West Riding Observer Sheffield Corp'n. W.W.River Basin Ouse-Don-7

Type of Gauge

Annual Average 4.0 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 16

660609/26

Diameter	5.											
Height	1.0.											
Altitude	1740.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.94	7.05										
February	5.78	7.5										
March	4.1	3.66										
April	4.74	5.81										
May	3.10	6.45										
June	5.74	8.5										
July	5.82	5.56										
August	8.56	2.51										
September	5.17	4.78										
October	2.51	8.16										
November	7.87	4.92										
December	2.44	2.40										
TOTALS	59.08	52.90	#	Gauge abandoned.								

* Gauge over-exposed on moor. (B.R.)

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 Eoden (Margery Hill No 2) No. 47.County of York W.A. Observer Sheffield Corp. W.W.River Basin 7. Ouse - Don

Type of Gauge.....

Annual Average 52.3 in. based on years obs. ~~un~~-weighted. Period of average 1881 - 1915 Ref. 1.4.5

660609/26.

Diameter	5"											
Height	1' 0"											
Altitude	1784											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Total
January	6.94	7.21	4.43	4.84	3.42	5.79	7.96	7.09	7.48	(5.27)	60.43	
February	6.18	7.6	8.96	32	9.65	5.67	8.63	3.21	4.54	(3.68)	51.57	
March	1.03	3.60	3.64	5.36	3.10	4.93	5.51	1.75	3.71	4.27	36.90	
April	5.27	5.94	2.14	3.21	4.05	2.46	3.50	.55	3.19	4.05	34.36	
May	3.42	6.53	2.60	3.05	.42	1.96	3.64	4.16	2.56	1.18	29.52	
June	5.96	.87	3.12	2.00	4.15	4.90	1.72	4.58	3.71	.90	31.91	
July	6.31	5.60	4.56	3.12	2.12	5.18	3.80	5.96	8.96	3.91	49.52	
August	9.02	2.55	1.00	2.59	2.24	2.10	1.48	3.84	3.53	1.79	30.14	
September	6.32	5.18	2.74	4.48	6.87	7.05	2.10	3.77	2.91	5.54	46.96	
October	2.62	8.23	6.23	4.97	11.96	6.11	4.31	11.24	5.38	6.05	67.10	
November	7.92	4.96	2.93	4.17	8.99	7.10	2.78	7.31	10.21	11.59	67.96	
December	2.71	2.49	0.68	8.02	5.42	5.96	5.21	5.71	3.73	(4.98)	44.91	
TOTALS	63.70	53.92	43.03	46.13	62.39	59.21	50.64	59.17	59.91	(53.18)	551.28	

1931. New checkg. within 100 ft. 1841.

1931 Part of Margery Stones 12' high 130 yds S

1940 Jan. Feb. Dec. edit. by J. H. H.

Position of Station on reduced Ordnance Survey Map, } No. of Map 27 Reference No. F.7
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	53.27.27	1.42.51	Hazlehead	4 1/2 mls	N	Langsett	3 1/4 mls	NNE

Station No. 3140/L.T.F.

RAINFALL at Ewden (Mangery Hill No. 2) May

41

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

River Basin Cuse - Don

Type of Gauge Snowden

Annual Average 52.2 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. I.V.V.S.

File No. bboboa/at

Diameter	5"			082	011						
Height	1' 0"				1						
Altitude	1784				21						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	(5.75)	(5.00)	7.42	9.10	(5.91)	8.42	(5.54)	13.90	2.90	2.14	67.06
February	(6.33)	(2.25)	4.20	2.64	6.50	8.68	(4.95)	(4.30)	3.93	(8.46)	52.23
March	(8.00)	(3.19)	2.45	.87	2.10	2.70	(9.38)	2.63	2.52	2.84	36.68
April	2.22	2.95	3.93	3.90	3.27	2.43	4.93	2.98	5.14	4.98	36.73
May	4.30	5.70	4.12	4.40	4.37	3.22	3.95	2.28	3.47	3.31	39.12
June	1.17	1.37	3.64	3.33	4.89	6.04	3.67	6.76	.93	1.94	33.74
July	3.88	5.80	2.60	(3.86)	1.72	4.68	2.66	2.51	4.47	3.58	35.76
August	6.97	5.33	5.95	4.20	(3.88)	5.50	.49	7.11	3.01	4.39	46.83
September	.58	3.98	5.50	6.50	2.37	7.87	2.42	2.78	2.32	8.03	42.35
October	6.32	6.96	3.10	6.15	(8.83)	2.71	1.58	3.25	5.51	2.67	47.08
November	5.40	2.28	4.55	9.02	1.26	11.77	7.65	2.88	9.38	8.13	62.32
December	3.52	4.88	2.80	5.60	4.06	4.73	6.11	(5.25)	10.03	(2.90)	49.88
TOTALS	(54.44)	(69.69)	50.24	53.57	49.16	68.75	53.33	56.63	53.61	54.36	549.78

1941 Jan. 3 to 8 March est'd. by observer.

1942 Jan. & March est'd. by observer.

1943 Jan. est'd. by observer. 1944 July prev. obs.

1945 Aug. prev. obs.

1947 Jan. Feb. & Mar. est'd. for snow by observer. 15.6.47. New funnel fitted on gauge. gauge inspected 14 June. - level re-set & funnel then leaking.

1950. Insp. by chief. W.W. fence & gauge sand.

70004 70004 40004 00404 40244

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.

Station No. 3140/1

T.F. 71

RAINFALL at Carden (Mangrove Hill) No 2

51

County of NorthamptonObserver Sheffield Corp. W.W.River Basin 7 - Gm - 19Type of Gauge Sum BradfordAnnual Average 52.3 in. based on years obs. unweighted Period of average 1881-1915 Ref. 1.W.S." " 55.25 " 24 " within 1931-57 " " 1916-50 " 5File No. Sheffield 126

Diameter ...	5"	5"		082	011						
Height ...	1' 0"	1' 0"			1						
Altitude ...	1784'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	6.39	6.60 (2.37)	(5.10)	4.01	8.08	4.75	6.81	5.08	7.37	56.56	
February ...	6.33 (2.34)	2.80 (5.00)	4.01 (2.23)	5.18 (7.64)	.35 (3.80)	39.68					
March ...	7.00	3.22	3.84	4.39	5.19 (2.13)	4.02	3.40	2.97	2.74	38.90	
April ...	2.57	3.14	3.50	.78	1.63	3.17	2.44	1.55	5.63	3.40	25.61
May ...	4.58	3.66	3.24	5.46	4.57	1.07	1.58	4.75	1.65	2.40	32.96
June ...	1.49	2.64	3.95	3.11	4.19	3.77	1.42	6.48	2.55	1.97	31.57
July ...	3.25	2.93	5.62	5.63	1.08	10.30	6.25	6.23	4.80 (6.73)	52.82	
August ...	6.47	3.84	5.73	8.01	1.03	8.11	8.80	4.03	1.27	5.01	52.30
September ...	3.29	6.38	2.38	6.08	1.73	5.02	5.51	5.02	.19	6.22	41.82
October ...	1.83	8.23	2.71	8.29	3.73	3.56	3.98	4.83	5.19	9.27	51.56
November ...	11.53	4.00	4.19	9.23	3.14	2.35	3.58	1.45	6.95	7.59	53.71
December ...	9.39	4.64	2.63	9.13	6.43 (6.39)	6.32	5.89	9.37	(6.55)	67.04	
TOTALS ...	64.12	51.62	42.96	70.21	40.74 (56.12)	51.63	57.78	46.00	(63.35)	544.53	
	M	M	M	M	M	M	M	M	M	M	

1951 Jan. a. v. s. by Sheffield Corp. W.W. Satisfaction

1952 Feb. adj. 17030 ang. agreed.

1953 Jan. ed. engaged.

1954 May - high Eng. det. factory.

high 1959 9.60K 0.44-cuped W-N-E. Inf. wall rec.

20004 40004 60004

20004

20014

Position of Station on Ordnance One-Inch map :

No. of Map 101National Grid Reference SK 43189937

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 <u>BP</u>	1941-50 <u>BI</u>	1951-60
			(197)	✓	