

RAINFALL at Ewden Valley (Candle Knobs)County of YorkshireObserver Sheffield Corporation W.W.River Basin Ewden Beck
(into Don)5" Rain Gauge, by Casella
(Monthly Pattern)John D. ...

Diameter ...	5"										
Height	1 Ft										
Altitude ...	1470										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...							4.85	4.27	3.60	5.32	
February ...							9.18	1.46	6.48	2.62	
March							5.32	4.97	2.38	6.55	
April							2.96	2.76	2.02	2.17	
May							2.90	2.64	3.44	2.16	
June							3.80	2.18	1.96	.90	
July							2.81	2.02	4.46	4.82	
August							2.27	8.14	2.26	4.74	
September...							2.54	2.39	11.54	3.74	
October							6.78	6.74	3.54	5.05	
November...							5.27	5.08	2.66	3.68	
December...							5.02	2.82	8.30	7.40	
TOTALS...							53.70	45.47	52.64	49.15	

1916-29 late sup

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° 28' 7"	1° 41' 34"	Hazlehead	3 ³ / ₄ m	N. W.	Langsett	2 ¹ / ₄ m	N. N. E.

RAINFALL at Enden Valley, (Gandh. Rushi)County of YorkshireObserver Sheffield Corporation W.W.River Basin Enden Beck
(into Don)Rain Gauge, by Casella
(Monthly Pattern)John D. Searles

Diameter	5"										
Height	1 ft										
Altitude	1470' O.D.										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	5.42	8.10	5.73	4.20	3.15	5.32	5.70	3.38	11.64	1.90	6.07
February	4.35	3.7	4.48	7.28	1.62	6.20	4.46	1.56	6.98	7.4	1.20
March	2.85	4.20	3.48	2.56	1.20	1.62	2.04	4.48	3.22	4.0	4.06
April	7.97	1.33	6.26	3.14	2.32	3.50	2.90	5.34	2.05	1.86	3.69
May	7.87	2.48	1.25	4.86	5.09	4.52	3.78	1.83	1.96	2.84	2.73
June	4.40	3.7	1.71	1.04	3.30	1.10	3.96	4.81	4.19	1.78	4.41
July	7.14	1.66	5.02	4.10	5.12	1.62	4.38	3.54	1.42	3.71	8.76
August	2.15	6.48	8.10	4.18	4.36	3.35	4.75	6.70	4.36	3.87	4.63
September	2.34	1.44	4.21	4.22	4.82	3.55	3.02	7.15	.52	1.36	6.84
October	3.16	2.45	1.53	3.70	6.15	5.84	5.92	5.42	6.82	6.22	6.50
November	2.45	3.51	2.92	6.37	3.20	2.80	5.87	6.32	9.64	9.73	5.70
December	5.33	7.49	5.26	4.15	5.02	6.02	2.36	4.40	2.76	10.71	3.29
TOTALS	55.43	39.88	49.89	49.86	45.35	44.44	49.20	54.93	55.56	45.24	57.88

1916-29 late up.

1930 record up. too low.

Inspected x11/30. New site recommended.

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

No. of Map.....13

Reference No.....C4

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
Dec: 1930.	53° 28' 7"	1° 41' 34"	Hazlehead.	3 ³ / ₄ miles	N. NW	Lamsett	2 ¹ / ₄ miles	N. NE

RAINFALL at Ewden (Gandle Rush) No 48County of YorkshireObserver Sheffield Corp. W.W.River Basin 7 - Ouse-DonType of Gauge Annual Average 7.7 in. based on 11 years obs. un-weighted. Period of average 1881-1955 Ref. 75366

660609/26.

Diameter	.....				5							
Height	.....				1	0						
Altitude	.....	1400'										
Year	.....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1931-40
January	.....	6.71	6.81	4.13	4.61	3.23	5.42	7.57	7.31	7.09	(4.96)	57.84
February	.....	6.81	.70	8.35	.31	8.40	5.31	8.26	2.93	4.95	(3.51)	49.53
March	.....	.32	3.81	3.43	4.73	2.70	4.46	5.18	1.63	3.52	4.28	34.06
April	.....	5.18	5.87	1.91	3.31	3.86	2.14	3.42	.42	2.95	3.54	32.60
May	.....	3.16	6.68	2.75	2.75	.38	1.74	3.63	3.89	2.31	1.03	28.32
June	.....	5.87	.86	2.68	1.69	3.84	4.87	1.72	3.94	3.43	.82	29.72
July	.....	5.53	5.57	3.63	2.73	1.92	5.09	3.55	7.19	4.13	3.82	43.16
August	.....	8.78	2.58	0.65	2.46	2.14	2.05	1.31	3.70	3.12	1.37	28.16
September	.....	6.19	4.75	2.65	4.02	6.50	6.81	2.03	3.69	2.71	5.02	44.37
October	.....	2.21	7.58	6.13	5.01	10.86	5.68	4.19	10.82	5.09	6.17	63.74
November	.....	7.49	4.90	2.81	3.40	8.92	6.60	2.75	7.12	9.54	10.92	64.45
December	.....	2.56	2.32	0.63	7.32	5.30	5.47	4.96	5.26	4.15	4.76	42.73
TOTALS	.....	60.81	52.43	39.75	42.34	58.05	55.64	48.57	57.90	54.99	50.20	578.68

1931. 9 moved 330 yds. S.

Position of Station on reduced Ordnance Survey Map, } No. of Map 27 Reference No. F.8.
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
	53° 27' 55"	1° 41' 35"						

Station No. 3138/b T.F.

RAINFALL at Ludden (Grandle Rush) Notts.

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County of West Riding Yorkshire Observer Sheffield Cooper W.W.River Basin Cuse - DonType of Gauge Snowdon

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

File No. bbobog/ab

Diameter	5"										
Height	1' 0"									1' 3"	
Altitude	1400										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	(5.41)	(4.45)	(7.10)	8.90	(5.65)	7.68	(5.20)	12.92	(2.77)	2.67	62.75
February	5.94	(2.20)	3.90	2.45	5.72	7.61	(4.74)	(4.11)	3.25	(8.00)	47.92
March	(7.40)	(2.31)	2.24	.84	1.97	2.51	(9.06)	2.38	2.34	2.73	34.38
April	2.16	3.15	3.50	3.70	3.17	2.40	4.79	2.43	4.95	4.29	34.54
May	4.10	5.56	4.25	4.30	4.55	3.40	3.81	2.12	3.34	3.27	38.70
June	.96	1.35	3.40	3.06	4.45	6.91	3.56	5.74	.85	1.64	31.94
July	3.65	5.40	2.53	3.82	1.75	4.37	2.73	1.74	4.98	3.09	34.06
August	6.20	5.35	5.36	3.32	3.86	5.39	.43	7.02	2.93	4.33	44.79
September	.49	3.85	5.35	6.02	2.63	8.29	2.61	2.57	2.11	7.40	41.32
October	6.15	6.24	3.15	6.10	8.53	2.62	1.43	2.94	5.48	2.44	45.08
November	5.31	1.80	4.47	3.24	1.17	11.24	6.25	2.51	9.17	7.98	59.14
December	3.15	4.80	3.00	5.62	4.38	5.17	6.02	5.25	9.84	(2.77)	50.03
TOTALS	(50.94)	(47.06)	48.25	57.37	47.83	67.59	50.63	51.73	52.04	50.61	524.65

1941 Jan. & Mar. est'd by observer.

1942 Jan. - March " " "

1943 Jan. est'd by observer.

1944 Jan. " " "

1945 Jan. " " "

1947 Jan. Feb & Mar est'd for snow by observer. 6.647 gauge impacted by engine. - level re-set, & set on South Bank of stream on a very steep slope, and in a sunny place. It is difficult to keep it in an upright position.

750 Sq. by Shef. W.W. fence in fair square, gauge sound.

50004 70004 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. 3138/6

River Basin 7 - Gm - Da

Type of Gauge..... Standard Bradford

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

File No. 660609/26

Diameter ...	5"	5"		082	016						
Height ...	1' 3"	1' 0"			1						
Altitude ...	1400'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means-Totals
January ...	6.14	6.30	(2.02)	(4.80)	(3.70)	8.02	4.52	6.64	4.83	7.15	54.12
February ...	5.74	1.76	(2.50)	(4.80)	3.26	(2.14)	4.49	(7.31)	.29	3.60	35.89
March ...	7.26	3.07	(3.50)	(4.29)	4.89	(2.11)	3.29	3.56	2.81	3.09	37.78
April ...	2.52	3.11	3.68	.69	1.65	3.09	.19	1.32	5.25	3.04	24.54
May ...	4.63	3.58	3.11	5.60	4.32	1.03	1.53	4.14	1.48	2.25	31.67
June ...	1.29	1.99	3.32	3.02	4.27	4.06	1.31	6.27	2.30	1.82	29.71
July ...	2.81	2.31	5.38	5.08	1.02	10.10	5.37	6.03	3.92	6.08	48.10
August ...	6.30	3.68	5.52	7.45	.87	8.32	8.21	3.48	.95	4.86	50.14
September ...	3.68	6.33	2.39	5.73	1.61	4.92	4.62	4.73	.11	5.10	39.22
October ...	1.15	7.93	2.58	8.30	3.42	3.27	3.91	4.21	4.05	8.65	47.47
November ...	12.55	(4.00)	4.25	9.59	3.27	2.02	3.36	1.34	6.85	7.75	54.98
December ...	9.11	5.35	2.55	9.07	6.17	(6.06)	(6.05)	5.93	9.35	6.72	66.66
TOTALS ...	63.18	49.41	40.81	(58.33)	38.75	(55.14)	46.85	56.46	42.19	60.17	520.28

1951 Feb. 10 - 30 v. h. Sheffield wmv; gage est. in 1951; road on steep slope. Site to the dam is
1952 Nov. adj. MO30. 40004 30014 00014 20004
1953 Jan. - Mar. est. engineer.
1954 June - resp. to engineer satisfactory
1955 Jan. est'd by Engr
Prob. II 1951 f. OK. O' school W-N-NE. Tuff well rec. g. rest monthly
00024 70004 70004

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference ^{8K} (43/203965)

[illegible]

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1916 -	Apr 20 -	✓ -	✓ -	