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## RAINFALL at Ewden Valley, (middle moor.)

County of Yorkshire

Observer Sheffield Corporation W.W.

River Basin Ewden Beck  
(into Don)

5" Rain Gauge, by Casella  
(monthly pattern)

*John Stevens*

Diameter .....	5 =									
Height .....	1 FT									
Altitude .....	1600' OD									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January .....										5.28 4.17 3.99 5.95
February .....										9.93 1.48 6.68 3.80
March .....										5.79 5.90 2.28 7.06
April .....										3.22 2.93 1.58 2.49
May .....										2.88 2.48 3.48 2.28
June .....										4.34 2.56 2.01 1.38
July .....										2.70 2.21 4.72 4.37
August .....										2.68 8.21 2.74 4.27
September .....										2.50 2.65 11.80 4.00
October .....										7.86 7.94 4.16 4.75
November .....										6.62 5.92 2.98 4.12
December .....										4.48 3.02 8.51 8.26
TOTALS .....										58.28 44.47 54.93 52.73

1916-29 late Sup.

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

Reference No. C-4

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
Dec: 1930	53° 26' 58"	1° 41' 22"	Hazlehead	5m.	N.	Langsett	3½ miles	N.

## RAINFALL at Ewden Valley (Middle Mass.)

County of Yorkshire

Observer Sheffield Corporation W.W.

River Basin Ewden Beck  
(into Don)5 = Rain Gauge, by Casella  
(monthly pattern).John Davies

Diameter	5"										
Height	1FT										
Altitude	1600' OD										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	5.95	8.74	7.80	4.32	3.75	6.50	5.98	3.98	11.93	2.06	6.42
February	4.96	5.4	5.92	7.32	1.80	7.90	4.96	1.96	7.52	.92	1.20
March	3.87	4.32	3.50	2.65	1.40	1.91	2.78	4.88	3.48	.47	4.26
April	7.85	1.32	6.05	3.16	2.96	3.62	2.96	4.98	2.21	1.98	3.78
May	7.50	2.87	1.42	5.20	5.10	4.80	3.50	1.82	1.84	3.15	2.79
June	4.73	3.6	2.68	1.21	3.82	.15	4.15	5.06	5.38	2.02	4.47
July	7.62	1.70	5.46	4.98	5.47	2.10	4.92	3.39	1.96	4.57	9.04
August	2.74	6.96	8.30	5.22	4.35	4.12	4.72	6.32	4.76	4.06	4.81
September	2.25	1.89	5.15	5.70	5.34	4.98	3.06	7.20	.56	1.42	6.60
October	3.26	2.86	1.44	4.70	6.76	6.50	6.42	5.76	7.10	6.25	6.58
November	2.42	3.55	3.45	7.96	4.44	3.06	6.04	6.92	10.38	9.42	6.19
December	5.37	8.14	5.10	4.72	5.62	6.12	2.50	4.80	3.04	12.06	4.15
TOTALS	58.52	43.25	56.24	57.14	50.81	51.46	51.99	57.07	60.16	48.38	60.29

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. 4

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
Dec. 1930. 53° 26' 58"			Hazlehead.	5 m	N.	Langsett	3½ miles	N

## RAINFALL at Ewden (Middle Moss)

County of West Riding

Observer Sheffield Corp. W.W.

River Basin Ouse - Don - 7

Type of Gauge

Annual Average 51.0 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. Prod. 366

666609/26

Diameter	5.										Means
Height	1.0.										
Altitude	1600.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.62	6.28	4.47	4.37	3.42	5.59	7.64	7.24	7.29	(5.09)	
February	6.65	7.6	8.01	2.6	8.58	5.48	8.41	3.09	3.83	(3.46)	
March	3.6	3.71	3.64	4.61	2.75	4.54	5.32	1.70	3.97	4.84	
April	5.32	5.62	1.73	3.25	3.91	2.19	3.87	1.45	3.15	3.98	
May	3.36	6.72	2.41	2.70	3.34	2.02	3.64	3.91	2.39	1.12	
June	5.62	8.4	2.61	1.73	3.84	4.92	1.81	4.35	3.64	.89	
July	5.61	5.71	3.61	2.81	1.92	4.78	3.53	6.43	7.93	3.79	
August	8.73	2.65	0.80	2.57	2.18	2.12	1.15	3.75	3.56	1.26	
September	6.19	4.15	2.63	4.04	6.53	6.94	2.06	3.80	2.94	(3.25)	
October	2.12	7.61	6.09	5.07	10.92	5.39	4.15	11.14	5.27	(6.11)	
November	7.56	4.75	3.01	3.70	8.96	6.51	2.85	6.82	9.14	(11.25)	
December	2.60	2.39	0.64	7.81	5.26	5.16	5.07	5.64	3.96	(4.87)	
TOTALS	60.74	51.18	39.65	42.92	58.61	55.64	49.00	58.32	57.14	(52.01)	

1937. Turf wall round gauge in March.

1939. Gauge moved and turf wall erected.

1940. Jan-Feb. Sept-Dec. estd. by vbar.

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

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

Station No. 3132 T.F.

## RAINFALL at Ewden (middle mo.) §

41

County of West Riding, Yorkshire. Observer Blaefield, Bonn, W.J. W.

River Basin Class - Don.

Type of Gauge Standard.

Annual Average 51.2 in. based on 14 years obs. un-weighted. Period of average 1881-1916. Ref. Pro B. 366

File No. b10009/2k.

Diameter	5"		082	027							
Height	1' 0"				1					#	1' 3"
Altitude	1600'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(5.60)	(4.80)	7.33	8.79	(5.80)	7.66	(5.34)	12.93	(2.84)	2.63	
February	(6.10)	(2.20)	4.06	2.85	(6.30)	7.93	(4.86)	(4.22)	3.34	(8.25)	
March	7.13	(2.93)	2.31	1.15	2.02	2.44	(9.29)	2.28	1.98	2.81	
April	2.36	2.88	3.61	3.73	3.23	3.56	4.86	3.02	5.04	4.24	
May	4.36	5.56	3.88	4.16	4.29	3.30	3.57	2.02	3.31	3.14	
June	9.93	1.31	3.17	3.16	4.66	6.11	3.53	6.34	.96	1.66	
July	4.08	5.46	2.49	4.03	1.72	4.23	2.91	2.22	4.93	3.24	
August	6.66	5.12	5.47	4.33	3.79	5.43	4.44	6.84	3.08	4.30	
September	6.69	3.77	5.42	6.30	2.76	7.91	2.59	2.71	2.19	2.84	
October	6.36	6.56	2.95	5.60	8.41	2.65	1.42	3.21	4.91	2.40	
November	5.34	2.22	4.64	3.33	1.31	11.48	6.94	2.58	9.13	2.91	
December	3.24	4.97	3.03	5.68	4.15	5.19	5.89	5.02	9.12	(2.89)	
TOTALS	(53.34)	(47.78)	48.36	53.06	48.44	66.89	51.64	53.44	50.83	57.41	

1941 Jan. 3 Feb. est'd. by observer 60004 70004 20004 40004 20004

1942 Jan. - March " est'd. by observer 60004

1945 Jan. est'd. by obs. Tit part of 16036.

1947 Jan. Feb. now said to snow by observer 16.6.47. Gauge inspected by engineer and placed as level.

5/55 Sept. by Eng. W.W. fence, wall, and gauge sound.

60004 70004

## § Tuft wall round gauge.

Position of Station on reduced Ordnance Survey Map. No. of Map..... Reference No.....

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

## RAINFALL at

S Ewood (Middle Town) S

Station No. 5138

County of Northumbria N.C.

Observer Sheppal. Captain 2072

River Basin 7 - Gove - Wm

Type of Gauge ~~S~~ Bradford.

Annual Average 51.9 in. based on 14 years obs. unweighted. Period of average 1881-1915. Ref. P.R. 366  
 " 52.94 " 40 " within 1916-50 " S  
 File No. 668.629/126

Diameter ...	5"		082	027							
Height ...	1' 3"	1' 0"	1' 2"	1	on 1090 1' 0"				1' 2"		
Altitude ...	1600'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.51	6.50	(2.07)	(5.09)	3.92	(7.77)	4.63	6.63	(4.85)	7.15	
February	5.79	1.81	2.70	(4.90)	3.92	(2.20)	5.11	(7.50)	3.30	(3.75)	
March	6.76	3.17	2.88	4.22	5.02	(2.17)	3.81	3.35	2.84	3.15	
April	2.48	3.01	3.99	.76	1.72	3.11	.22	1.43	4.98	2.90	
May	4.61	3.81	3.38	5.41	4.49	1.02	1.78	4.75	1.76	2.44	
June	1.21	2.47	(3.32)	3.15	4.32	3.62	1.38	6.11	2.17	1.86	
July	2.86	2.64	5.18	4.99	1.11	10.20	5.83	6.19	1.30	6.42	
August	6.05	3.62	5.81	8.22	.98	8.21	8.37	3.93	1.15	4.81	
September	2.95	6.26	2.34	5.80	1.67	4.96	4.95	4.48	.15	5.98	
October	1.74	7.74	2.63	7.53	3.24	3.15	3.45	4.23	4.58	9.16	
November	11.99	4.00	3.91	9.53	3.34	2.07	3.61	1.40	6.05	7.77	
December	8.42	4.83	2.53	9.02	6.39	(6.11)	(6.20)	5.93	8.30	6.34	
TOTALS ...	60.3	49.86	40.74	68.52	40.12	(54.59)	49.34	55.93	38.43	61.73	
	M	M	M			M			M		

1951 Rainfall v.v. by Sheppal. won. Satisfactory 3001400014200044000420004

1953 Jan. &amp; June, est. engineer 4100460004

1954 June,雨 by engineer gauge stand, fine fair, turf wall to be stopped.

1956 Nov. 12. Too much est. and 1000.

1957 Doring

July 1959-180K. Overboard all directions but good turf-wall

Aug 1959. G. tested and found to be sound.

S Turf wall. 1959 - no low. July:- G. inspected &amp; found in perfect condition.

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference 45/207949

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

Summary of Earlier Records from 10-year Sheets :

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