

## RAINFALL at Ewden Valley (Mangency Hill)

County of Yorkshire

Observer Sheffield Corporation W.W.

River Basin Ewden Beck  
(into Don)S = Rain Gauge, by Cassella  
(monthly Pattern)

John D. Swales

Diameter ...	5"										MEANS.
Height .....	1.FF.										
Altitude ...	1790' OD										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
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 Series

Reference 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"	Hazlehead	4½ m.	N.	Langsett	3¼ miles.	N. N.E.

## RAINFALL at Ewden Valley (Margery Hill) (1).

County of Yorks. N.E. Observer Sheffield Corporation W.W.

River Basin Ewden Beck  
(into Don)5" Rain Gauge, by Casella  
(Monthly Pattern)

John Deewall

Diameter	5"										
Height	1 FT.										
Altitude	1790 ft										
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	1.44	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	6.40	6.38
November	2.25	3.00	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	142.69	55.08	54.60	49.94	48.66	51.87	55.60	54.44	115.64	58.71

1916-29 late up.

Inspected x 11/30. New site selected for additional gauge 100 ft. to N.E.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
Dec. 1930	53° 27' 27"		Hazlehead	4 1/2 m	N.	Langsett	3 1/4 miles	N. N.E.

## RAINFALL at Eorden (Margery Hill) No. 1.\*

County of West Riding

Observer Sheffield Corp. W.W.

River Basin Ouse - Don - 7

Type of Gauge

Annual Average 45.7 in. based on 14 years obs. un-weighted. Period of average 1921-1935 Ref. P.B. 26

660609/26

Diameter	5.										Means
Height	1.0.										
Altitude	1790.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	6.94	7.05									
February	5.78	.75									
March	.41	3.66									
April	4.74	5.81									
May	3.10	6.45									
June	5.74	.85									
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

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

RAINFALL at Ewden (Margery Hill No.2) No. 47.

County of York W.R. Observer Sheffield Corp. W.W.

River Basin T-Over-Don

Type of Gauge

Annual Average 52.3 in. based on years obs. un-weighted. Period of average 1931 - 1945 Ref. 1.W.S.

660609/26.

Diameter	5"											
Height	1' 0"											
Altitude	1784											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means-Totals	
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	3.2	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	8.12	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	2.48	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)	531.28	

1931. New checked, within wgs. of 1940.

1931 Part of Margery Stones 12' high 130 yds S

1940 Jan. Feb &amp; Dec. estd. by obs.

Position of Station on reduced Ordnance Survey Map, } No. of Map. 87 Reference No. F.7  
1 mile to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931	532727	142.51	Hazlehead	4½ mds	N	Langeatt	3½ mds NNE

Station No. 31401 I.T.E.

## RAINFALL at Ewden (Mangotsfield Mo.2) May.

41

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

River Basin Class - Don. 7

Type of Gauge. Standard.

Annual Average 52.3 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S.

File No. bbo.b09/ab

Diameter	5"		062	011							
Height	1' 0"			1							
Altitude	1784			21							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	(5.45)	(5.00)	(7.40)	9.10	(5.91)	8.42	(5.54)	13.90	2.90	3.14	67.06
February	(6.33)	(2.25)	4.20	2.64	6.50	8.68	(4.95)	(4.30)	3.93	(8.48)	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	1.93	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	4.49	7.11	3.01	4.89	46.83
September	5.8	3.98	5.50	6.50	2.87	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)	(49.69)	50.24	53.57	49.16	68.75	53.33	56.63	53.61	54.36	549.78

1941 Jan - Mar set'd by observer.

70004 20004

20014

1942 Jan - March set'd by observer.

1943 Jan set'd by observer. 1944 July plumb bob.

1945 Aug Oct. "

1947 Jan, Feb 7 mar set'd for snow by observer. Gauge inspected in June. Level re-set &amp; funnel then tanking.

1948 Nov funnel fitted on gauge. Gauge repaired.

1950 Sept. 6th def. W.W. fence &amp; gauge sand.

70004 70004 40004 00404 40244

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

Reference No.....

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

Station No. 3140/1

T.F. 71

RAINFALL at Erskine (Haworth Hill) (See 2)County of West Riding W.R.Observer Sheffield Corp. W.W.River Basin 7 - 6m - 19mType of Gauge Standard Bradford

Annual Average 52.3 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. 1.W.S.  
 " 55.25 " 24 " within 1931-57 " 1916-50 File No. 640400/36

Diameter ...	5"	5"	0.8201								
Height ...	1' 0"	1' 0"			1						
Altitude ...	784'			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	5.14	(2.13)	4.02	3.40	2.97	2.74	38.90
April	2.57	3.14	3.50	.78	1.63	3.17	2.24	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	6.01	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	3.50	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	(6.85)	67.04
TOTALS ...	64.12	51.62	42.96	70.21	40.74	(36.12)	51.63	57.78	46.00	(63.35)	544.53
M	M	M	M	M	M	M	M	M	M	M	

1951 Aug. in v. 51 by Sheffield Corp. in new Survey factory  
 1952 Feb. adj. 1030 eng. agreed. 30014

1953 Jun. est. engineer.

1954 May - Sept. Engineer satisfactory.

July 1957 9.80K 0.44-in feed W-N-E. Turf-wall rev.  
 20004 40004 60004

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SK (EAST 89957)

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

Summary of Earlier Records from 10-year Sheets :

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