

RAINFALL AT MesboroughLat.Long.County ofYork W.R.Rain Gauge, byObserverG. Fenwick Carter Esq C.I.Post. Don Y

Diameter .....										5'
Height .....										20
Altitude .....										170 ft
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January .....										2.52
February .....										1.33
March .....										.39
April .....										1.90
May .....										2.69
June .....										1.99
July .....										1.04
August .....										.89
September .....										2.38
October .....										2.73
November .....										1.04
December .....										2.36
TOTALS .....										21.26

Mesborough Church 650 yards S

RAINFALL AT Mexborough Prospect-Ho. Dohriff R<sup>s</sup>

Lat. .... Lon. .... County of York W.R. Southern

Swinton Rain Gauge, by N.Y.

Observer G. Fenwick Carter Esq. Cl.

Date - Dec 4

Diameter ..	5	Height ....	20	Altitude ..	170 ft 198 ft	Year ....	1900 1901 1902 1903 1904 1905 1906 1907 1908 1909	Means.			
January ..	2.97	1.28	.70	2.12	1.28	.42	2.12	.61	.91	1.00	13.41
February ..	3.18	.98	1.42	1.22	4.38	.81	1.95	1.02	1.72	.48	17.16
March ..	.64	1.37	1.29	2.50	1.86	1.73	1.03	.93	2.75	2.68	16.78
April ..	.65	1.33	2.38	.72	1.05	1.41	.53	1.65	2.08	1.43	13.23
May ..	1.11	.86	2.46	2.94	1.50	.76	1.14	2.79	1.97	1.70	17.23
June ..	2.15	1.41	1.43	1.45	1.16	2.37	1.58	3.67	1.14	3.48	19.84
July ..	2.14	3.27	1.77	2.00	2.24	2.64	1.24	1.99	1.74	4.12	23.15
August ..	4.15	.79	3.08	2.49	3.72	2.39	1.17	1.53	1.75	2.24	23.31
September ..	.46	.84	.85	2.54	.46	.95	.90	.32	1.42	2.01	10.75
October ..	2.45	2.04	2.43	4.53	.81	1.01	4.38	4.23	.70	1.70	24.28
November ..	1.94	2.68	1.94	1.04	.74	2.74	2.52	2.21	.69	.25	16.75
December ..	2.72	4.62	1.80	.80	1.19	.55	1.88	1.86	1.37	4.74	21.53
TOTALS ..	24.56	21.47	21.56	24.35	20.39	17.78	20.44	22.81	18.24	25.83	21.42

5 7 5 7 5 7 5 7 5 7

Hub

1900 Mexborough church 666 yards S.E.

1901 Jan 1<sup>st</sup> Gauge moved 533 yards S.W.

Mexborough church 900 yards W

1903 " Station

1905 January 1<sup>st</sup> Gauge moved 1/4 mile S E

1906 Mexborough church 550 yards W

Station 1000 " W

## RAINFALL at Mexborough I

County of W.R. Yorkshire

Observer G. Fenwick Carter Esq. M.A.

River Basin

Ouse - Don 7

Sundown

Rain Gauge, by N+3

Diameter ...	5										
Height .....	1.6										
Altitude ...	767									77	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.53	.81	3.81	2.58	.88	2.29	.37	2.17	1.69	3.18	
February ...	1.37	.67	1.38	.50	.97	2.49	2.92	.53	1.52	2.66	
March .....	.58	.74	2.04	2.06	1.19	.83	3.95	1.54	.91	3.62	
April .....	1.50	.42	.11	2.31	.38	.60	.80	1.93	1.46	1.75	
May .....	1.44	.48	4.03	1.91	1.09	1.50	2.81	2.08	2.68	.72	
June.....	2.61	2.97	4.87	.45	2.54	1.03	1.44	1.24	1.38	.98	
July .....	2.22	.05	4.09	1.52	2.71	4.40	1.45	1.18	2.62	3.56	
August .....	2.36	1.53	4.55	1.03	1.73	2.24	1.55	4.74	1.60	2.80	
September ..	.22	2.07	1.06	3.84	.68	.77	1.44	.66	5.19	2.63	
October ...	1.65	1.63	2.05	4.01	1.93	1.12	1.56	2.77	1.26	2.88	
November ..	3.11	2.68	1.83	1.62	2.51	2.52	2.88	.99	1.05	1.78	
December ...	3.19	3.22	1.72	.96	4.37	5.35	2.29	1.39	2.57	3.83	
TOTALS ...	21.73	17.27	31.04	22.79	20.98	25.14	23.46	21.22	23.93	30.17	

1910 Jan 1<sup>st</sup> gauge moved 1/4 mile SE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 30' N	1.20. vi	Mexborough	2033 yds	SWS	Mexborough	1300	S W

## RAINFALL at Mexborough

County of W. Yorkshire

Observer John Thompson Esq.

River Basin Ouse Don 7

Rain Gauge, by No 3

Diameter ...					5"						
Height .....					16						
Altitude ...					76						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...					.85	2.24	.39				
February ...					.98	2.70	3.47				
March .....					1.13	.90	3.63				
April .....					.46	.65	.82				
May .....					.89	1.46	2.47				
June.....					2.58	1.08	1.30				
July .....					2.64	4.43	1.31				
August.....					1.51	2.08	1.23				
September ..					.86	.72	1.22				
October ...					1.90	1.08	1.34				
November ..					2.43	2.69	3.00				
December...					4.65	5.27	2.01				
TOTALS ...					20.88	25.33	22.19	N.R.			

1914 Wall 5 ft high 40-54 ft N. E + W  
 Engine 11.28 . . 77 5

Rejected from Survey : 1" too low.

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.30	1.20	Mexboro	1/4 m	S W	Mexboro	1 m	S W

RAINFALL at Mesborough I

County of W.R. Yorkshire

Observer G. Lenwick Carter Esq. C.E.

River Basin Guse - Don 7Surveyor Mesborough UDCSnowdownd Rain Gauge, by Negy.

Diameter ...	5"										
Height .....	i 6										
Altitude ...	77										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<sup>1930</sup> <del>1930</del>
January ...	2.76	1.82	2.66	2.86	1.24	1.45	2.20	1.18	3.73	1.58	3.16
February ...	1.89	.25	2.36	3.80	1.09	2.91	1.34	1.05	1.67	.99	.58
March .....	1.75	.73	1.40	1.25	.98	.53	.53	1.84	2.04	.03	2.34
April.....	4.03	.98	2.53	1.80	1.21	2.30	1.27	2.38	1.80	.68	2.49
May .....	2.60	1.72	.97	2.77	3.05	3.39	1.81	1.11	2.03	1.02	1.20
June .....	1.90	.25	.68	.81	2.96	.10	2.67	2.17	2.84	1.11	.72
July .....	4.40	1.44	2.77	4.17	2.45	1.46	1.66	2.76	1.42	.98	5.98
August .....	1.10	3.60	5.59	2.26	3.47	2.41	2.77	5.12	2.35	1.72	2.50
September...	1.37	.80	2.14	1.63	2.53	2.22	.74	3.59	.38	1.14	3.61
October.....	1.58	1.51	.91	1.44	3.16	2.35	2.02	1.76	1.74	2.32	1.66
November...	1.00	1.73	.81	2.25	1.50	1.85	2.48	2.69	1.93	4.00	2.62
December...	2.14	2.39	3.03	2.37	1.52	2.16	.77	1.98	1.66	3.57	1.72
TOTALS...	26.52	16.22	25.85	25.41	25.16	23.13	20.28	27.63	23.19	19.14	28.58
	D	D	D	D	P	D	P	D	D	D	D

1929. Sewage Tanker 1 ft. 6 in. above ground.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge
1920	53° 90'	1° 20'	Mesborough	2033 7/8	S W
					Mesborough
					1300 S W

## RAINFALL at Mexborough

County of West Riding

Observer G. Fenwick Carter, Esq., C.E.

River Basin Ouse - Don - 7

The Surveyor, U.D.C. (1940).

Type of Gauge Snowdon

23.4 40

77341/27 End of 618

Annual Average 22.7 in. based on 27 years obs., un-weighted. Period of average 1881-1915 Ref. H

Average calculated (1940)

77341/27

Diameter	5.										
Height	1.6.										
Altitude	77.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.52	.95	2.06	1.35	1.06	2.43	3.07	1.69	4.33	2.24	
February	1.78	.42	2.66	1.64	2.44	2.71	2.68	.90	.66	1.55	
March	.08	1.24	2.64	2.15	1.10	1.42	2.25	.24	2.35	1.39	
April	3.03	1.85	0.89	2.16	1.69	1.27	2.70	.08	1.71	1.79	
May	2.16	6.32	2.46	.80	.39	1.04	2.96	2.15	1.71	0.59	
June	5.04	.57	2.11	1.67	2.62	3.95	1.95	1.71	1.78	.64	
July	3.21	2.33	1.30	1.10	.68	4.01	2.70	2.42	3.49	4.05	
August	4.33	1.95	0.83	.94	1.65	1.54	2.2	2.67	1.52	.34	
September	3.17	1.09	1.59	1.44	3.71	1.99	1.21	1.91	4.03	0.47	
October	.82	2.83	4.66	1.26	2.79	2.13	3.12	2.47	2.46	3.30	
November	2.61	1.08	2.06	1.98	4.46	2.60	1.60	2.11	3.44	4.71	
December	.60	.66	0.31	3.07	2.24	1.22	3.68	3.05	2.25	1.85	
TOTALS	28.35	21.29	23.06	18.56	24.83	26.31	28.14	21.40	29.73	22.92	
	D	D	D	D	D	D	D	D	D	D	

1932 Practically open ground (Swinge Works).

1935. Brick built shed 20 ridge about 15' 0" high 30' 0" S.W.

1940. In open.

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	Parish Church.	Distance from gauge	Direction
1931			Mexboro'	2033 1/4	SW	Mexboro	1300 1/4	SW

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

Station No. 3143.

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## RAINFALL at Mexborough

County of West Riding, Yorkshire. Observer The Surveyor, M.D.C.

River Basin, Cuse, Don, Y.

Type of Gauge, Standard.

Annual Average 2.3. Rain. based on 12 years obs. un-weighted. Period of average 1881-1915. Ref. f. encd. bA96.

File No. 4443.1/27

Diameter	5"		0.85	0.19							
Height	1' 6"				1						
Altitude	77'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.69	1.62	2.88	2.07	2.11	1.95	1.45	3.89	.72		
February	2.16	(.80)	.67	1.11	1.36	2.24	1.02	.81	.72		
March	3.26	(1.51)	.47	.36	.49	1.01	3.31	.44	1.05		
April	1.20	.81	1.00	1.83	1.41	1.16	1.53	1.16	2.05		
May	1.44	2.03	1.67	1.71	2.75	2.41	1.64	1.45	1.02		
June	.15	.92	.73	1.75	1.93	3.20	2.41	2.36	.91	.75	
July	2.84	1.50	.78	2.42	1.99	2.77	1.63	.91	4.59	1.29	
August	2.20	2.13	1.58	2.64	2.27	4.78	.64	4.28	1.89	3.26	
September	.32	1.31	2.83	2.95	1.14	2.60	.88	1.28	.73	2.59	
October	2.21	2.05	1.29	2.16	2.91	.80	.51	1.21		.60	
November	2.96	1.25	1.33	3.24	.24	3.99	1.16	.94		3.64	
December	.47	1.10	.74	1.23	1.14	2.22	1.88	2.30		1.51	
TOTALS	24.90	(17.03)	15.97	23.47	19.74	29.13	18.06	21.03	nr.p.	nr.p.	

1941. Gauge in open.

1942. March amended by ref. to surv. stns Feb. part ext'd.

1944. n.p. low. (163-2)

1945. n.p. low. Gauge leaking. repaired in July.

1947. n.p. low. Gauge leaking 24/7/48

1949. Oct. 10" gauge damaged beyond repair by trespasser.

1950. Gauge broken up in mid-June.

20004

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
1941			Mexborough.	2033yds	S.W.	Mexborough.	1300yds S.W.

