

# RAINFALL AT Mesborough

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of York W.R.

Rain Gauge, by \_\_\_\_\_

Observer G. Fenwick Carter Esq C.E.

Puse. Don 7

Diameter . . .										5	
Height . . . . .										2 0	
Altitude . . . .										170 <sup>ft</sup>	
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 . . .										2.28	
October . . . . .										2.73	
November . . . .										1.04	
December . . . .										2.36	
TOTALS . . . .										21.26	

Mesborough Church 650 yards S

# RAINFALL AT Meaborough Prospect Ho. Dolecliffe R<sup>d</sup>

Lat. .... Lon. .... County of York W.R. Southern  
 S. .... Rain Gauge, by N.T. Observer C. Farnwick Carter Esq. Cl.

Case - Don. 7

Diameter ..	5										
Height ....	2.0				1.6						
Altitude ..	170 <del>K</del>	198 <del>K</del>			58 <del>K</del>						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	2.97	1.28	.70	2.12	1.28	.42	2.12	.61	.91	1.00	1341
February ..	3.18	.98	1.42	1.22	4.38	.81	1.95	1.02	1.72	.48	1716
March ....	.64	1.37	1.29	2.50	1.86	1.73	1.03	.93	2.75	2.68	1678
April .....	.65	1.33	2.38	.72	1.05	1.41	.53	1.65	2.08	1.43	1323
May .....	1.11	.86	2.46	2.94	1.50	.76	1.14	2.79	1.97	1.70	1723
June .....	2.15	1.41	1.43	1.45	1.16	2.37	1.58	3.67	1.14	3.48	1984
July .....	2.14	3.27	1.77	2.00	2.24	2.64	1.24	1.99	1.74	4.12	2315
August ....	4.15	.79	3.08	2.49	3.72	2.39	1.17	1.53	1.75	2.24	2331
September ..	.46	.84	.85	2.54	.46	.95	.90	.32	1.42	2.01	1075
October ....	2.45	2.04	2.43	4.53	.81	1.01	4.38	4.23	.70	1.70	2428
November ..	1.94	2.68	1.94	1.04	.74	2.74	2.52	2.21	.69	.25	1675
December ..	2.72	4.62	1.80	.80	1.19	.55	1.88	1.86	1.37	4.74	2153
TOTALS ..	24.56	21.47	21.55	24.35	20.39	17.78	20.44	22.81	18.24	25.83	21542

1900 Meaborough Church 566 yards S.E.

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

Meaborough Church 900 yards W

1903 " Station

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

1906 Meaborough Church 550 yards W

" Station 1000 " W

Hub

RAINFALL at Mexborough ICounty of W.R. YorkshireObserver G. Fernwick Carter Esq. C.E.River Basin Grave - Don 7Sunder Rain Gauge, by N+3

Diameter ...	5										
Height .....	1.6										
Altitude ...	76 ft									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 .....	.53	.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	4.37	.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° W	Mexboro	2000 yds	SW	Mexboro	1200	SW



## RAINFALL at

Moxborough

County of W. YorkshireObserver John Thompson EsqRiver Basin Once Don 7Rain Gauge, by N+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	2.73	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 8 ft high 40-54 ft N. E + W  
 by June 1/28. 77 5

Revised from Survey: 1" too low.

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.20	1.20	Moxbro	1/4 m	SW	Moxbro	1 m	SW

RAINFALL at Mexborough ICounty of W. R. YorkshireObserver F. Fenwick Carter Esq. C.E.River Basin Cuse - Don 7

Dwingson Mexboro U.D.C.

Snowdon Rain Gauge, by N. G. G.

Diameter ...	5											
Height .....	1	6										
Altitude ...	77											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 M.M.W.S.	
January ...	2.76	1.82	2.66	1.86	1.24	1.45	2.20	1.18	3.53	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	.80	.63	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	.44	2.77	4.17	2.45	1.46	1.66	2.76	.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	5.74	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	25.19	19.14	28.58	
	D	D	D	D	D	D	D	D	D	D	D	

1929. Sewage Tanks 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	Parish Church.	Distance from gauge	Direction
1920	53° 40'	1° 20'	Mexborough	2033 yds	SW	Mexborough	1300	SW

RAINFALL at MexboroughCounty of West RidingObserver G. Fernwick Carter, Esq., C.E.River Basin Ouse-Don-7

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

Type of Gauge SnowdonAnnual Average 23.4 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. 7  
Average dated (1940) 77734.1/27

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	.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	23.35	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 (Seange 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Mexboro'	2033 yds	SW	Mexboro	1300 yds	SW



## RAINFALL at Mexborough

41

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

River Basin Cuse, Don.

Type of Gauge Snowdon

Annual Average 22.4 in. based on 42 years obs. un-weighted. Period of average 1881-1915. Ref. 1. 6496

File No. 77431/27

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	1.39	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	21.90	(17.03)	15.97	23.47	19.74	29.13	18.06	21.03	n.p.	n.p.	

1941. Gauge in open.

1942. March amended by ref. to ans. shro Feb. part add.

1944 n.p. low. (M.D.C.)

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 typhoon.

1950 gauge broken up to 10/1/50.

20004

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	Parish Church.	Distance from gauge.	Direction
1941			Mexborough.	2033 yds.	S.W.	Mexborough.	1300 yds.	S.W.

Station No. 3143

51

RAINFALL at NeabouroughCounty of West Riding - YorksObserver The Surveyor V.D.C.River Basin Cuse - Don - 7Type of Gauge Snowdon B.A. 1951Annual Average 23.4 in. based on 40 years obs. up-weighted. Period of average 1881-1915 Ref. File Card 6149File No. 777341/27

Diameter ...	5"			085	019						
Height ...	1'6"				1						
Altitude ...	77'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.38	1.76	.28	1.31	1.61	2.87	.96	2.08	1.74	3.85	
February ...	2.16	.25	(1.41)	2.23	1.98	1.11	1.40	2.90	0.00	1.49	
March ...	1.97	1.23	.60	1.26	2.15	.66	.86	1.65	.70	1.18	
April ...	.74	.83	1.58	.19	.39	2.16	.06	.26	2.36	0.59	
May ...	3.31	1.84	1.68	3.14	2.24	.23	.57	1.72	.62	0.85	
June ...	.58	1.23	.81	1.33	2.34	2.92	1.85	4.32	1.78	0.56	
July ...	1.58	2.66	2.78	1.77	.63	3.31	2.66	4.82	1.27	2.15	
August ...	4.08	.99	1.90	5.03	.20	5.63	3.43	1.48	.53	3.09	
September ...	1.10	1.59	1.03	1.06	1.05	2.33	3.21	1.57	0.00	3.47	
October ...	1.06	2.62	1.50	2.54	1.33	1.06	.78	1.41	1.60	5.77	
November ...	5.14	1.18	1.22	3.74	1.53	.58	2.13	.62	3.08	2.98	
December ...	1.22	1.24	.91	2.07	1.55	1.87	1.65	2.75	2.65	1.93	
TOTALS ...	24.32	17.42	15.70	25.67	17.00	24.73	19.56	25.58	16.33	27.91	
	D	D	D	D	D	D	9/5	26/100	NP	NP	

1951 Paint.

1953 Feb. est. engine.

1960 np low.

1954

20004

1956 Other stations in area had &lt; 1 1/2 in. on 11 June.

1957 np low

1958 np low.

1959 np low

An. av. 22.91 in. based on 33 yrs. obs. within 1916-57 1 1/2 in. low. Period of av. 1916-50.5 - Printed. 5E(49)491004

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Neabourough	2033 <sup>n</sup> SW.	Neabourough.	1300 <sup>n</sup> SW

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ 47-50	
	✓ but - 14	✓	✓	✓	