

RAINFALL AT

Retford Morton Hall

Lat.

Lon.

County of

Notto

Rain Gauge, by

Observer

W. H. Mason Esq.

Trent, Level 5.

Diameter					5							
Height					10							
Altitude					140							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January					<i>4</i> 1.32	3.57	.78	2.20	.51	2.03		
February					1.94	.19	.68	3.17	.72	1.36		
March .....					.55	1.53	1.77	2.22	1.79	.76		
April					2.28	2.64	.96	1.14	2.11	2.15		
May					1.50	1.32	.52	.84	1.87	2.43		
June					2.35	1.61	2.94	2.69	.97	1.63		
July					2.87	3.75	1.61	.56	1.42	3.65		
August					1.99	1.47	1.54	2.29	3.28	.63		
September....					.49	.94	4.17	2.04	.61	2.91		
October.....					3.24	2.57	3.98	1.00	2.72	2.90		
November....					1.69	3.49	1.29	2.15	2.78	1.10		
December					1.35	2.17	2.76	2.19	1.74	2.42		
TOTALS ...					21.57	25.25	23.00	22.49	20.52	23.97		

1897 Babworth Church 3 miles E
 Iron rails 4 ft high 4 ft S

RAINFALL AT Retford Morton Hall

Lat.

Lon.

County of North

Rain Gauge, by recomm. 2 mi
T. tested

Observer W. H. Mason Esq

Inst. L. bank 5.

Diameter ..	5										
Height	1 0										
Altitude ..	140										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.88	1.10	1.22	1.98	2.28	.56	2.85	.75	.89	1.13	1564
February ..	4.09	1.27	1.71	.78	3.32	.82	1.78	1.52	1.33	.55	1717
March ....	.71	1.98	1.59	2.67	2.08	1.93	1.30	1.34	2.63	3.40	1963
April	1.22	1.25	2.17	1.19	1.30	1.67	.75	1.64	1.91	1.18	1428
May	1.44	.95	2.80	2.55	2.32	.47	1.55	3.16	2.09	1.20	1853
June	1.87	1.76	1.43	1.54	.57	3.27	1.80	2.86	1.73	2.84	1967
July	2.01	3.86	1.87	2.54	2.20	1.47	.48	1.44	2.40	3.74	2201
August	5.01	1.07	3.36	4.59	3.13	2.92	1.65	1.57	2.60	3.60	2950
September ..	1.72	.84	1.27	2.83	1.38	1.37	.85	.55	1.29	2.34	1444
October	2.35	1.48	2.14	5.05	.34	1.23	5.06	5.17	.72	2.47	2601
November ..	2.25	2.31	1.76	1.55	.78	2.65	2.53	1.88	1.09	.14	1697
December ..	2.83	4.41	1.63	.81	1.14	.56	2.50	2.20	1.36	4.89	2233
TOTALS ..	28.38	22.28	22.95	28.08	20.84	18.92	23.13	24.08	20.04	27.48	23618

1903 Scafton Church 2 miles W

Checker No Station 1 . SW

House 55 ft high 75 ft W

Tree 40 . . 60 . E + W

1905 Babworth Church 3 miles E

RAINFALL at Retford Morton HallCounty of NottinghamshireObserver W. K. MasonleyRiver Basin Trent - Left Bank Tributaries 5

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	40 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.75	.91	3.39	3.56	1.12	2.08	.47	2.54	1.67	2.92	
February ...	1.89	.75	1.16	.77	.97	2.56	3.65	.59	1.36	2.56	
March .....	.81	1.04	2.69	2.80	1.62	.88	3.77	1.76	.78	3.45	
April	2.01	.71	.13	2.04	.61	.74	.93	1.33	1.40	1.60	
May	2.04	1.10	2.50	2.00	1.87	1.66	2.40	1.86	2.33	1.23	
June	1.80	2.80	4.58	.33	1.88	1.03	1.65	1.52	.47	.86	
July	2.67	.23	4.04	.69	1.56	4.32	1.15	.98	2.64	2.38	
August	3.50	1.85	4.95	1.47	1.64	2.23	2.13	5.29	2.07	2.00	
September ..	.46	1.33	1.27	1.75	.80	.70	1.68	.59	3.83	2.01	
October ...	2.68	1.78	2.28	2.85	2.29	1.14	1.75	2.18	1.12	2.06	
November ..	3.28	2.48	1.94	1.83	2.44	2.18	3.71	.96	1.51	1.79	
December ...	3.71	4.56	2.13	1.21	4.21	5.01	2.30	.83	2.95	3.50	
TOTALS ...	26.60	19.54	31.06	21.30	20.98	24.53	25.59	20.43	22.13	26.36	
	7	3	3	3	3	3	3	3	3	3	

1912 House 60 ft high 25 yds N
 has 40. 20. W + E
 open from 1/2 mile S

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Checkers House	1 m	SW	Babworth	3 m	E

RAINFALL at Retford Morton HallCounty of NottinghamshireObserver W. H. Mason Esq.River Basin Trent - Left Bank Trils 5-(1925) Snowdon Rain Gauge, by _____

Diameter ...	5"					9					
Height	10										
Altitude ...	140										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	2.56	1.81	3.26	1.27	1.73	1.53	2.30	1.36	3.75	1.58	3.25
February ...	2.23	.18	2.55	4.11	1.17	2.14	1.33	1.68	1.74	.51	.43
March	2.07	.93	1.49	1.35	1.00	.63	.62	2.34	1.53	.04	2.17
April	4.17	1.12	2.52	1.98	1.44	1.84	1.52	2.05	.69	.85	2.63
May	2.04	1.20	.83	3.05	2.50	4.02	2.02	1.05	1.56	.75	1.15
June	2.27	.48	.91	.86	.95	.28	2.98	3.06	1.93	1.01	1.29
July	3.76	.54	3.54	3.84	2.22	.99	1.64	2.53	.58	1.44	5.01
August .....	.62	5.40	6.39	2.30	3.11	1.89	3.28	4.08	2.27	1.70	2.84
September...	1.66	.72	2.56	2.20	2.21	2.95	.88	4.55	.21	1.13	3.49
October	1.99	2.62	.60	1.49	4.23	2.56	1.96	1.76	5.26	3.02	1.67
November...	1.28	1.49	.85	2.16	1.42	2.15	3.12	2.38	2.23	4.41	3.00
December...	2.23	1.64	3.14	2.70	1.91	1.81	.85	2.33	1.87	4.16	1.94
TOTALS...	26.88	18.13	28.64	27.31	23.89	22.79	22.55	29.17	23.92	20.63	28.87

1920 House 60ft high 26 yds S.

Trees 50 " " 20 " E & W

Position of Station on reduced Ordnance Survey
Map, 2 miles 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
1920			Cheek House	1 mi	S.S.W.	Babworth	3 mi	E

RAINFALL at Retford (Morton Hall)County of NottinghamshireObserver W. H. Mason, Esq.River Basin Great-Left Bank 5

Type of Gauge.....

Annual Average 23.4 in. based on 44 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 425

Diameter											
Height	9										
Altitude	140										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.15	.95	1.79	1.71	1.58	3.85	3.61	1.66			
February	2.18	.43	2.72	.73	2.31	2.71	2.61	1.01			
March	2.2	.99	2.62	2.44	.58	1.28	1.85	.24			
April	3.20	1.92	0.68	2.13	1.80	1.43	2.36	.07			
May	2.17	6.82	2.13	.71	.36	.75	3.25	2.55			
June	3.41	.72	1.26	1.16	3.22	4.47	1.30	1.60			
July	3.79	4.01	0.95	1.74	.45	4.56	3.63	3.63			
August	5.29	1.24	0.28	1.11	1.37	1.72	1.31	2.00			
September	3.20	1.27	1.22	1.24	3.81	1.78	1.72	2.33			
October .....	.60	3.07	4.04	1.07	3.19	2.05	3.46	2.43			
November	2.85	1.29	2.05	2.02	4.32	2.67	1.42	2.32			
December	1.03	.66	0.31	4.02	2.66	1.50	3.37	3.43			
TOTALS	30.09	23.37	20.06	20.11	25.65	28.67	29.89	23.27			
	D.	D.	D.	D.	D.	D.	D.	D.			

1931. Trees 60' high 15 yds. E. Trees 60' high $\frac{1}{2}$ mile S. Trees 60' high 15 yds. W. House 55' high 20 yds. N.1937. Pine trees 60-70' high 20-30 yds. W+E
Shrubs 12' " 15 yds. "
Hill 70-80' " 40 yds. N

1940. Form 1103 returned with note of death of W.H. Mason

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
1931.			Charles House	1m	S.	Balworth	3m	E.
1934			Retford	4m	E.			