

RAINFALL AT

Mane field W. W. Rainworth

Lat. $53^{\circ} 7' 20''$ N

Lon. $1^{\circ} 7' 30''$ W

County of *Notto*

Rain Gauge, by *Trent, L. bank - 5.*

Observer *Mrs. G. F. W. Haddon*

Diameter							5					
Height							10					
Altitude							360					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....							.72	1.91	.61	2.50		
February ....							.80	3.75	1.03	1.38		
March							2.45	2.30	1.39	.73		
April							1.07	1.81	2.62	1.97		
May .....							.55	1.48	2.28	3.31		
June							2.70	2.98	1.28	1.69		
July							2.07	.44	1.11	1.26		
August							1.39	3.59	2.81	.36		
September...							4.55	2.37	.79	3.31		
October							4.07	1.02	3.06	3.24		
November...							1.35	2.59	2.79	1.43		
December							4.34	3.22	1.84	2.65		
TOTALS							50.6	27.46	21.61	28.83		

Blidworth 1/2 Mary 2 miles S

RAINFALL AT Mansfield W.W. Rainworth

Lat. 53° 7' 20" N

Lon. 1° 7' 30" W County of Notto

Rain Gauge, by

Observer

Mr. R. P. P. P. P.

Mr. G. F. U. Hodson

Level left bank 5.

Diameter ..	5										
Height	1.0										
Altitude ..	360 π										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.91	1.75	1.18	2.11	3.03	.96	3.85	.91	1.23	1.01	2.094
February ..	4.26	1.54	2.49	1.33	3.79	1.02	2.92	1.84	1.76	.86	2.181
March	1.40	2.24	1.59	4.13	2.15	2.57	1.80	1.60	2.89	4.21	2.458
April	1.14	1.73	2.45	1.80	1.40	1.50	.41	1.61	2.30	1.51	1.585
May	1.07	1.04	2.91	3.25	1.81	.66	1.70	3.72	2.54	1.25	1.995
June	3.76	1.90	1.56	1.74	.52	2.86	2.14	2.83	2.13	3.30	2.274
July	1.55	4.73	1.06	2.84	2.12	2.09	.51	2.46	2.65	3.68	2.369
August	4.68	1.57	3.24	5.52	3.56	3.39	1.76	2.13	3.16	3.47	3.248
September ..	.66	.97	1.22	2.77	1.24	1.71	.93	.55	1.98	2.74	1.477
October	2.29	2.42	2.31	5.83	.36	1.35	6.02	4.98	.83	3.95	3.034
November ..	2.48	2.66	1.83	1.66	1.07	3.16	2.83	2.15	1.34	.39	1.957
December ..	4.58	5.72	2.02	1.26	2.03	.81	2.94	3.07	2.17	5.54	3.014
TOTALS ..	32.78	28.27	23.86	34.24	23.08	22.08	27.81	27.85	24.98	31.91	27.686

Hub

+ Inspected

RAINFALL at Mansfield W.W. Rainworth

County of Nottinghamshire

Observer Mr J. W. Hodson

River Basin Trent - Epsom Tributaries 5

Snarley Rain Gauge, by

Diameter ...	5										
Height	1	0									
Altitude ...	360	K									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.38	1.28	4.05	3.99	1.29	2.46	.79	2.86	2.19	3.97	981
February ...	2.68	1.25	1.74	.88	1.42	3.67	4.69	1.23	2.14	3.22	1128
March .....	.54	1.76	3.20	3.72	2.51	.68	4.52	1.99	1.05	4.62	1218
April	1.60	.86	.39	2.55	.90	1.10	1.60	1.52	1.96	1.64	672
May	1.75	1.31	4.69	1.98	3.04	1.69	2.61	1.79	2.22	1.49	811
June	1.66	3.19	3.59	.45	2.79	.99	2.06	1.89	.39	.83	517
July	2.38	.05	3.39	.95	2.37	6.06	1.13	1.44	3.14	2.67	838
August	3.31	2.66	5.53	1.71	1.50	2.50	2.71	6.42	2.11	2.58	1382
September ..	.96	1.39	1.08	2.68	.83	.98	1.50	1.17	5.13	2.22	1002
October ...	1.86	2.22	3.00	4.82	2.63	1.66	2.72	2.85	1.49	2.67	973
November ..	3.94	2.56	2.47	1.87	3.36	2.48	3.55	.95	1.66	2.13	829
December ...	5.04	5.18	2.89	1.17	5.79	6.19	2.68	1.34	3.47	4.20	1169
TOTALS ...	28.10	23.71	36.02	26.77	28.43	30.46	30.56	25.45	26.95	32.24	1152.0

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	53° 7' 20"	1° 7' 30"	Blidworth	7/3 m	SE			

RAINFALL at Mansfield Rainworth N.W.

County of Nottinghamshire Observer Messrs G. & F. HodsonRiver Basin Trent - Left Bank Tribs 5.J. Gibson CE (1921)
Gas Water Engineer MansfieldSnowdon Rain Gauge, by N. G.

Diameter ...	5"											
Height	1.0											
Altitude ...	360											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	2.88	2.04	3.77	1.51	1.98	2.16	3.20	1.73	4.39	1.44	4.11	2921
February ...	2.42	.22	3.09	4.56	1.17	2.64	1.43	1.80	1.72	.80	.53	2038
March	2.42	1.03	1.85	1.52	1.21	.85	.65	2.49	2.67	.08	2.44	1721
April	4.76	.93	3.40	2.24	2.07	2.33	1.80	1.73	.79	1.34	3.34	2473
May	2.24	1.59	1.25	2.89	3.41	3.32	1.78	1.09	1.18	1.14	1.84	2176
June	2.10	.83	1.26	.77	1.55	.10	2.77	3.72	2.12	1.21	1.48	1791
July	5.32	.50	4.21	4.53	2.74	.96	2.35	1.97	1.02	1.40	5.38	3038
August .....	.95	3.22	6.82	3.11	2.73	2.43	1.96	4.02	2.32	2.25	2.95	3276
September...	1.66	1.02	3.08	2.57	2.42	3.44	1.67	4.55	.30	.33	4.78	2582
October	1.76	3.59	1.01	1.89	4.87	3.32	2.17	2.35	5.50	3.42	2.31	3219
November...	1.17	1.77	1.59	2.33	1.90	2.21	3.83	2.32	3.06	5.62	3.40	2942
December...	3.20	2.32	3.87	3.00	3.10	2.48	1.70	2.95	1.91	4.65	2.37	3105
TOTALS...	30.88	19.06	35.20	31.14	29.15	26.24	24.81	30.72	26.98	23.71	34.93	31282
	D	D	D	D	D	D	D	D	D	D	D	

1921. Engine House 35 ft high 20 yds N.

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
	53° 7' 20"	1° 7' 30"	Blidworth	2 1/3 mi	S.E.	Blidworth (1925)	2 mi	S.

RAINFALL at Mansfield (Rainworth W.W.)

County of Nottinghamshire

Observer J. Gibson Esq., C.E.

River Basin Trent, Left Bank 5

Type of Gauge Snowdon

26.8

42

P.B. 425

Annual Average 27.2 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. 3

852488/28

Diameter	5										
Height	10										
Altitude	360										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.87	1.38	2.12	2.07	1.24	3.72	3.80	2.53	5.15	2.22	2610
February	2.61	.48	2.52	.95	2.63	2.27	3.33	.66	1.28	2.34	1897
March	.25	1.35	2.56	2.18	.77	1.45	1.93	.16	1.67	1.78	1410
April	3.21	2.52	.95	2.28	2.63	1.91	2.58	.04	1.67	1.24	1903
May	3.25	5.84	1.66	.94	.25	.62	3.06	2.69	1.24	1.26	2081
June	3.29	.99	1.36	.51	2.29	3.41	.61	1.64	1.66	1.25	1701
July	3.95	5.65	1.85	1.50	.46	4.88	2.13	4.06	4.42	2.82	3142
August	4.23	1.11	.43	1.69	1.75	.87	.50	2.53	3.25	.18	1654
September	4.37	1.44	1.22	1.53	4.25	3.20	1.18	1.92	.41	.74	2076
October	.52	2.80	3.08	.92	3.16	2.41	3.79	2.91	2.76	4.16	2851
November	3.45	1.84	2.00	1.99	5.37	2.72	1.50	3.02	3.46	6.00	3135
December	1.19	.78	.30	4.99	3.29	1.87	2.86	4.22	1.71	1.36	2254
TOTALS	32.19	26.18	21.75	21.35	28.09	29.30	27.27	26.38	29.18	25.35	26704

1931. Engine house etc. 35' high to ridge 20 yards N.

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.			Blidworth & Rainworth (M.R.)	1/2 m	S.W.	Rainworth (M.R.)		

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

Station No. 2623

RAINFALL at Rainworth (L.M.S.)

41

County of Notts

Observer J. G. S. Lister

River Basin Trent, Left Bank S

Engineer & Manager (1950)

Type of Gauge Snowden 110 (1922)

Annual Average 26.4 in. based on 42 years obs. un-weighted. Period of average 1881-1915 Ref P.B. 425

File No. 252489/38

Diameter	5"			123	017						
Height	1'0"				1	0' 8"			9"		
Altitude	360'				41	349'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.69	2.66	3.73	2.73	1.79	2.47	2.27	5.08	1.22	.91	2655
February	2.19	1.01	.44	2.46	1.85	2.30	2.13	1.34	.74	5.40	1936
March	3.61	1.46	.63	.31	.60	1.11	5.37	.66	1.26	1.01	1602
April	1.23	.88	.63	2.06	1.40	1.26	2.32	1.73	2.34	2.83	1718
May	2.11	4.01	2.76	1.77	1.60	1.64	2.04	2.01	2.06	1.98	2198
June	.26	.86	1.43	1.43	2.30	3.22	1.84	2.77	.93	1.18	1628
July	3.61	1.75	.62	1.48	1.90	2.09	2.48	1.14	3.80	2.30	2117
August	3.25	2.14	1.76	3.88	2.47	5.19	.15	3.71	2.10	3.52	2797
September	.32	1.14	2.09	3.39	1.27	3.13	1.29	2.36	1.56	3.22	1977
October	2.48	1.55	1.46	2.70	3.84	1.50	.32	1.51	4.28	.92	2056
November	3.17	1.47	1.42	4.47	.57	5.59	1.48	1.22	3.14	5.05	2758
December	.70	1.52	.67	1.34	1.87	3.22	2.18	3.95	2.54	1.33	1932
TOTALS	26.62 d	20.45 d	17.70 d	27.82 d	21.96 d	32.72 d	23.87 d	27.48 d	25.97 d	29.65 d	25424

1945 Gauge out of order March - June.

1945 Air vessel 6' 7" N. Aprico 30', 30" N. June 30', 46 W.

1948 Engine house 35' high 142' N. New engine house 12' high 81' S. Trees 30' high 45' W.

↑
every monthPosition 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.
1942			Rainworth L.M.S.	1 mile	S.E.	Rainworth	1/2 mile	E.

Station No. 2623

RAINFALL at MANSFIELD (RAINWORTH W.W.)

51

County of NOTTINGHAMObserver ENGINEER & MANAGERRiver Basin TRENT & BANK - 5Type of Gauge M.O.Annual Average 26.8 in. based on 42 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 42527.12 " " 35 " " 19.6-1950File No. 196-1950
1852488/28 P

Diameter ...	5"			123	017						
Height ...	6' 9"				1						
Altitude ...	349'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.18	1.90	.71	1.37	2.57	3.65	1.85	2.83	2.90	1.85	2481
February ...	3.66	.41	1.66	2.40	1.92	.76	3.04	3.22	.25	2.51	1983
March ...	3.24	2.34	1.47	2.17	2.75	.68	2.05	1.94	1.25	1.88	1977
April ...	1.34	1.58	2.19	.20	1.05	1.97	.26	.62	2.85	1.09	1315
May ...	3.27	2.32	2.48	3.24	2.83	.44	1.24	2.23	.76	1.35	2016
June ...	1.02	2.84	2.03	4.62	3.07	3.68	1.50	4.83	.73	1.51	2533
July ...	1.06	.95	2.48	1.83	.60	3.19	3.67	4.77	2.18	3.35	2408
August ...	6.94	2.17	1.51	3.99	1.61	6.76	4.61	3.08	.75	3.44	3486
September ...	1.57	2.44	1.28	2.85	.64	2.45	5.28	2.71	.14	4.03	2339
October ...	.85	3.57	2.52	3.41	1.45	.99	1.01	2.10	2.00	6.31	2421
November ...	6.76	1.58	1.44	5.59	2.03	.84	2.49	.80	2.78	3.89	2820
December ...	2.25	1.95	.92	2.20	2.37	2.97	2.01	3.36	4.12	3.35	2570
TOTALS ...	34.14	24.05	20.69	33.37	22.89	28.38	29.01	32.69	20.71	37.56	28349
	D	D	D	D	D	D	D	D	D	D	

1951 air speed 6' at 75' N. Eng. Ho. 2' at 51'S. Line 20' at 45' West

1957 8' moved 114' N.E. - 27.4.57

1957 aerator house 7' at 14' W, Trees 30' at 66' NE, Instrument house 9' at 28' SE

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SK(43)587.537

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Mansfield	2.5 m N.W	Mansfield	2.5 m N.W

Summary of Earlier Records from 10-year Sheets :

1916-1950, P = accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	41-44, 46-50	
	✓ but -10, 11, 13	✓ but d 30	✓ but -31 d 40	d 41-43 34, 46-50	