

RAINFALL AT Sutton-in-Ashfield W.W. Rushley P.S.

Lat. $53^{\circ} 7' 0''$ NLon. $1^{\circ} 11' 0''$ W

County of

Notte

Rain Gauge, by

Observer M. G. & F. W. Hudson

Front, & back - 5.

Diameter										5	
Height										10	
Altitude										462 ft	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January58	1.99	.73	3.27	
February70	3.53	.97	1.63	
March							2.67	2.43	.95	1.19	
April74	1.77	2.87	2.17	
May45	1.68	2.36	3.48	
June							2.36	1.70	.93	2.24	
July							2.60	.34	.99	1.13	
August							1.45	3.34	2.87	.36	
September							5.00	2.37	.65	3.02	
October							3.61	1.27	2.91	3.13	
November							1.53	1.89	2.70	1.39	
December							4.52	3.59	2.32	2.57	
TOTALS							26.21	25.90	21.25	25.58	

Mansfield Church 2 miles N
 Harlow Wood 2000-2500 ft high 800 ft S

RAINFALL AT Sutton-in-Ashfield W.W. - Rustbury P.S.

Lat. 53° 7' 0" N

Lon. 1° 11' 2" W

County of Notts

Rain Gauge, by

Observer. Miss G. F. Hodson

Front, L. bank - 5.

Diameter ..	5										
Height	11										
Altitude ..	462 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.17	1.54	1.07	2.16	3.01	.88	3.82	.84	1.03	.90	1942
February ..	4.09	1.58	2.24	1.18	3.86	.93	2.58	1.87	1.59	.76	2068
March65	2.10	1.83	4.20	2.22	2.72	1.45	1.85	3.02	3.88	2342
April76	1.34	2.25	1.82	1.24	1.73	.38	1.68	2.23	1.39	1482
May	1.16	.88	2.14	3.21	1.75	.43	1.41	3.85	2.30	1.47	1860
June	3.04	1.93	1.40	1.43	.36	2.20	2.03	3.22	2.34	3.10	2105
July	1.77	4.77	1.26	3.18	1.73	1.43	.34	2.46	2.51	3.70	2315
August	5.59	1.29	3.18	5.37	3.68	3.45	1.02	2.24	3.24	3.09	3215
September ..	.61	1.34	1.29	3.12	1.60	1.83	.95	.52	1.79	2.63	1568
October	2.22	1.58	2.70	6.77	.36	1.27	5.91	5.34	.97	3.99	3111
November ..	2.76	2.78	2.24	1.14	1.03	3.71	3.18	2.23	1.28	.36	2071
December ..	3.84	5.99	2.28	1.11	1.56	.50	2.41	2.82	2.04	5.42	2797
TOTALS ..	30.66	27.12	23.88	34.69	22.40	21.08	25.49	28.42	24.34	30.69	26876 ✓

1900 Mansfield Church 2 1/2 miles N.W.

Outbuildings 16 fms high 79 ft S.W.

† Inspected

102621

RAINFALL at Sutton-in-Ashfield W.W. (Rushley, P.S.)

County of Nottinghamshire

Observer Prof. F. T. W. Dodson

River Basin Trent - Left Bank Tributaries 5

1919 Snowdon Rain Gauge, by N.Z.

Diameter ...	5										
Height	1										
Altitude ...	462	ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.32	1.17	4.25	4.33	1.36	2.58	.87	1.77	1.85	3.32	
February ...	2.50	1.31	1.97	.92	1.66	3.84	3.98	.78	2.07	2.76	
March55	1.65	3.46	3.64	2.36	.58	4.25	1.82	1.13	4.20	
April	1.77	.90	.28	2.89	1.09	.94	1.55	1.53	1.93	1.65	
May	2.14	1.28	3.06	1.92	2.05	1.62	2.54	2.08	2.24	1.37	
June	1.65	3.05	3.32	.37	2.45	1.90	2.18	1.81	.37	.69	
July	2.40	.07	3.76	.39	2.90	4.90	1.40	1.50	2.92	2.38	
August	3.79	1.99	6.57	1.34	1.88	2.25	2.18	5.38	1.79	2.72	
September63	1.29	1.24	2.35	1.07	.75	1.27	1.09	5.50	1.84	
October ...	2.53	2.06	3.19	4.79	2.98	1.59	2.61	3.01	1.19	2.39	
November ...	3.95	2.32	2.01	1.89	3.86	2.59	3.63	.96	1.77	1.78	
December ...	5.10	5.32	3.04	1.12	6.17	6.32	2.77	1.25	3.61	4.09	
TOTALS ...	29.33	22.41	36.15	25.95	29.83	29.86	29.23	22.98	26.37	29.19	
					=						d. imp.

+ Insected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	53° 7' 0"	1° 11' 0" W	Mansfield	2				

Rushley.

RAINFALL at Sutton-in-Ashfield Pumping Station

County of Nottinghamshire Observer Mess^{rs} G & F. W. HodsonRiver Basin Trent - Left Bank Tisbe 5 P. W. Barnidge ^{per}

Snowdon Rain Gauge, by N. & G.

Diameter ...	5"										
Height	1.1					1.6		1.0			
Altitude ...	462										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.88	2.00	4.09	1.43	2.02	(2.15)	2.97	1.74	5.14	1.52	5.50
February ...	1.88	.31	2.90	4.84	.76	2.87	1.59	1.82	2.00	.48	.66
March	2.24	1.08	1.66	1.59	1.24	.64	.90	2.76	2.44	.10	2.66
April.....	4.70	1.06	3.21	2.26	2.01	1.96	2.02	1.29	.89	1.10	3.11
May	1.89	1.64	1.05	3.23	3.31	(3.02)	1.82	.86	1.09	.52	2.16
June	2.17	.71	1.18	.59	1.44	.07	(2.50)	4.26	2.49	1.39	1.90
July	4.90	.47	4.43	3.57	3.40	1.27	2.17	2.37	1.14	1.84	6.13
August95	3.24	7.13	2.79	2.50	(2.13)	2.45	4.57	3.86	2.24	2.60
September...	1.62	.92	2.87	2.70	3.26	3.47	1.46	4.61	.35	.41	5.43
October.....	1.99	2.44	.79	1.45	4.64	3.82	2.20	2.26	5.24	4.33	2.55
November...	1.17	1.79	1.21	2.30	1.88	(2.08)	4.14	2.58	4.12	6.93	3.95
December...	3.19	2.32	3.90	2.81	2.96	(2.96)	1.18	3.11	2.18	5.10	2.48
TOTALS...	29.58	19.98	34.42	29.58	29.42	(26.44)	(25.40)	32.23	30.95	25.99	39.13

1925. Corrected by surrounding stations.

1926. Glass broken - June; amounts added.

1928 Site { Field 15° 46' N.
W. long. 30° 60' S.
W. lat. 60° W.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 7'	1° 11'	(1923) Mansfield L.N.E.R.	2 1/2 mi.	N.E.	Mansfield	2 1/2 mi.	N.E.

RAINFALL at Sutton-in-Ashfield (Bromley P.S.)

County of Nottinghamshire Observer Messrs. G. & F. W. Hodson

River Basin Trent - Left Bank 5

Type of Gauge Standard

Annual Average 27.1 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. 5

707911/26

Diameter	5										
Height	10										
Altitude	402										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.21	1.76	1.82	2.42	1.15	3.79	3.49	2.90	3.83	1.81	2518
February	3.13	1.49	2.93	.61	2.54	1.50	2.06	1.66	1.60	1.58	1916
March	1.14	1.60	2.69	2.84	1.27	1.80	2.59	1.05	2.06	1.70	1644
April	3.98	2.94	1.04	2.73	2.76	1.56	2.40	2.21	1.92	0.00	1954
May	3.87	6.87	1.86	1.28	.35	1.66	2.30	2.93	1.55	.68	2235
June	4.50	1.17	1.43	.58	2.73	3.07	.65	1.40	2.09	1.29	1891
July	4.06	1.40	1.92	1.91	.80	6.74	2.20	3.90	0.39	2.90	3522
August	5.22	1.43	.52	1.86	2.13	1.13	1.41	2.24	2.63	.25	1852
September	4.12	1.87	1.12	1.49	3.68	2.83	1.39	2.27	.88	.30	2025
October	1.55	3.17	5.62	1.70	2.83	3.08	3.57	3.48	2.26	4.42	3088
November	3.60	2.11	1.85	1.04	5.85	3.21	3.61	3.62	3.50	6.54	3583
December	.90	1.01	.12	6.35	3.85	1.99	3.24	(4.24)	1.83	1.83	2444
TOTALS	36.48	28.82	22.92	24.14	29.94	31.36	30.94	27.95	30.00	2330	28672

1938 Dec. adjusted for snow and certain entries added.

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
			Mansfield LNER	2m.	N.	Mansfield	2m. N.W.

Station No. 2621

RAINFALL at Sutton-in-Ashfield (Rushcliffe P.D.)County of Nottinghamshire Observer George G. F. J. Hodson deceased 5.V.48River Basin Trent - Left Bank - 5 P. W. BERRIDGE, Esq.Type of Gauge SnowdonAnnual Average 27.1 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 78494/26

Diameter	<u>5"</u>		<u>122</u>	<u>992</u>						
Height	<u>1'0"</u>			<u>1</u>						
Altitude	<u>462'</u>			<u>41</u>			<u>466'</u>			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
										Means
January	3.15	3.15		(2.20)	2.58	3.10	5.75	1.48	1.12	
February	3.45	.99			1.88	2.49	2.30	1.38	.71	5.77
March	3.95	1.47			.91	1.23	5.09	.69	1.25	1.06
April	1.37	1.04			1.39	1.32	2.40	1.44	2.21	2.81
May	2.62	4.10			1.90	1.94	2.23	2.01	2.45	1.98
June	.39	1.00			2.42	2.57	2.01	3.12	1.12	1.30
July	2.31	1.96			2.28	2.19	2.25	1.22	3.74	2.62
August	1.32	2.50		3.13	2.27	4.84	.19	3.73	2.01	3.83
September	.42	1.53		2.90	1.21	3.38	1.46	2.14	1.03	3.44
October	3.21	2.22		2.80	3.53	1.90	.30	1.62	4.72	1.09
November	2.77	1.29		4.91	.51	6.05	1.75	1.19	3.91	5.52
December	.45	1.87		2.16	1.91	3.28	2.44	4.70	2.90	2.05
TOTALS	25.77 d	23.12 d	+ d	+ d	22.41 d	33.77 d	25.52 d	28.99 d	27.53 d	32.59 d

Retained in file: authority agrees return available Jan-July readings unavailable in 1944.

1945 Jan. est'd.

1948 F. W. Hodson died 5.V.48. A. M. J. Hodson, his son, for 1948-49 was in charge.
Hodson & Son Ltd now are got a Mr Anthony Waterhouse, Manager, Rushcliffe P.S.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
1941			Mansfield L.N.E.R.	2 m.	N.W.	Mansfield	2 m. N.W.

Station No. 2621

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RAINFALL at SUTTON-IN-HAMBLETON (RUSHLEY PS.)

County of NOTTINGHAM

Observer A. W. Shooler Esq.

River Basin TRENT - L. BANK - S.

Type of Gauge SNOWDEN

Annual Average 27.1 in. based on 20 years obs. un-weighted. Period of average 1881-1915
 " " 29.45 " " 13 " " 1945-57 1916-1930 S Ref. S
 File No. 707911/26

Diameter ...	5"		122	992							
Height ...	1' 0"				1						
Altitude ...	465	425			57						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.32	2.48	.84	1.63	2.35	4.62	2.23	3.12	2.96		
February ...	4.05	.48	2.01	2.66	2.39	.84	3.26	3.08	.20		
March ...	3.75	2.50	1.64	2.56	2.77	.61	2.36	2.11	1.25		
April ...	1.52	1.90	2.39	.26	.83	2.02	.26	.65	3.10		
May ...	3.76	2.77	2.43	3.59	3.02	.51	1.34	2.45	.68		
June ...	1.05	2.53	1.94	4.79	3.26	4.00	2.38	4.64	.77		
July85	.89	2.97	1.82	.53	2.70	3.37	4.53	1.81		
August ...	5.78	2.96	1.69	4.13	.99	7.83	5.19	2.42	.85		
September ...	1.92	2.41	1.16	3.49	.62	3.27	5.87	2.85	.33		
October81	4.13	1.95	3.62	.91	1.07	1.39	2.01	1.70		
November ...	4.50	1.92	1.31	6.03	1.98	1.01	2.68	.83	2.24		
December ...	2.57	2.40	.70	2.36	2.51	3.62	2.10	3.70	3.01		
TOTALS ...	35.88	27.37	21.03	36.94	22.16	32.10	32.43	32.31	18.90		
	D	D	d	d	d	d	d	d	~		

1954. Woods 18' @ 75° S.E. offshore.

1958. Change of observer.

1959: no obs

Report by Surveyor's Office

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid References S41(43) S47 S58				
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1954.			Mansfield	2m	N.E.	Mansfield	2m	N.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ D 10/14/15, 17 d 19	✓ V but d 25	✓	41, 42, 45-50 d 41, 42, 45 346-50	