

RAINFALL AT Nottingham Burton Joyce W.W.

Lat. .... Lon. .... County of Notte

Sundown Rain Gauge, by No 7  
Front. No - 5.

Observer S. Moore Esq

T. W. Harris Esq

Diameter ..	8									
Height ..	0 9									
Altitude ..	64 ft									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..	3.46	1.42	1.69	1.91	2.55	.68	2.93	1.03	1.11	1.15
February ..	3.72	1.08	2.07	1.02	2.37	.73	2.35	1.39	1.53	.64
March ..	.75	1.80	1.42	3.31	1.54	2.29	1.63	1.43	2.53	2.91
April ..	1.07	1.58	1.85	1.24	1.31	1.68	.47	1.95	2.60	1.83
May ..	1.66	.99	2.25	3.85	1.66	.49	1.76	3.16	1.59	1.15
June ..	2.90	1.06	2.04	1.46	.44	3.18	2.13	2.49	1.61	2.34
July ..	1.45	3.71	1.11	1.94	3.97	1.12	.59	2.38	2.60	3.21
August ..	4.66	1.48	3.53	5.23	2.55	3.47	.93	2.35	3.24	3.32
September ..	.62	.92	.89	2.81	1.77	1.49	.90	.71	1.87	2.86
October ..	2.10	1.63	2.57	5.93	.38	1.11	4.80	3.76	1.04	2.61
November ..	2.24	1.82	1.24	2.05	1.08	2.61	2.84	1.85	1.20	.47
December ..	3.89	4.64	1.95	1.00	1.49	.66	2.70	2.94	1.27	4.05
TOTALS ..	28.52	22.13	22.61	31.75	21.11	19.51	24.03	25.39	21.69	26.04

D      S      N      F      H

1909 Holy Trinity Church Bullock 566 yards N  
 Burton Joyce M.R. Station 1467 . S 45  
 See 20 ft high 30 yards F

## RAINFALL at Burton Joyce Waterworks

County of Nottinghamshire Observer F.W. Davidsay

River Basin Trent-Left Bank Tributaries 5

Snodton Rain Gauge, by N+3

Diameter ...	8											
Height .....	9											
Altitude ...	657											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MENS.	Totals
January ...	1.99	.93	3.85	2.45	1.51	2.59	1.16	2.62	2.34	4.72		16.79
February ...	1.93	1.51	1.59	.90	1.31	2.78	4.36	.88	2.56	2.40		10.84
March .....	.66	1.59	2.36	3.44	2.38	.84	4.18	1.50	1.09	4.02		10.20
April .....	1.51	.95	.30	2.58	.90	.86	1.65	1.34	2.45	1.57		10.79
May .....	2.90	1.39	2.52	1.87	2.20	1.91	2.51	2.43	2.61	1.47		7.01
June .....	1.31	2.47	3.52	.64	2.44	1.38	1.69	1.64	.49	.72		4.54
July .....	2.20	.13	4.20	.81	2.89	6.91	2.88	1.52	3.67	3.02		11.15
August .....	3.96	2.14	5.53	1.61	2.51	3.16	2.93	6.01	2.41	2.64		13.97
September ..	.92	1.31	.80	2.09	.77	1.03	1.26	1.88	5.90	1.64		10.68
October ...	1.89	2.49	2.55	4.45	2.08	1.34	2.08	4.08	2.05	2.34		10.55
November ...	3.42	2.47	2.18	2.00	2.05	2.66	3.21	1.59	2.28	1.94		9.02
December ...	4.86	3.75	3.77	.88	4.38	5.16	2.60	.86	4.37	4.16		11.99
TOTALS ...	27.55	21.13	33.20	23.72	26.42	30.61	30.51	26.35	31.22	30.70		347.78

True 2.02 highl 30 yds E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.59 N	1.1.4 W	Burton Joyce	1467 yds	SW	Holy Trinity	566 yds	N

## RAINFALL at Burton Joyce Water Works

County of Nottinghamshire Observer F. W. Davies Esq.

River Basin Trent-Left-Banks Lrbs 5. City Water Fmgt Nottingham

Snowdon Rain Gauge, by N. S.  
M. O. ('26)

Diameter ...	8											
Height .....	0.9											
Altitude ...	65											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1950 MEANS.	
January ...	2.58	2.10	2.98	1.35	2.09	2.04	2.74	1.84	5.13	1.13	3.18	Totals. 27.16
February ...	1.77	.29	2.50	3.81	.90	2.37	1.48	2.09	1.96	.44	.47	18.08
March .....	2.06	1.11	1.64	1.16	1.12	.96	1.62	2.35	1.76	.16	2.39	15.33
April .....	4.28	.99	3.38	2.22	1.36	1.87	1.73	2.36	.84	1.14	3.21	22.88
May .....	2.78	2.18	1.22	2.63	4.00	3.94	2.45	1.15	1.49	1.20	1.98	25.02
June .....	3.03	.56	.89	.62	1.54	.03	2.57	4.26	2.12	1.14	1.78	18.54
July .....	5.13	.55	3.99	3.94	2.31	1.41	1.21	2.94	1.23	1.56	4.03	28.30
August .....	1.07	4.18	6.31	2.48	2.69	1.65	1.85	3.29	2.80	1.94	2.03	29.82
September...	1.72	1.16	2.31	2.72	2.68	3.45	.98	5.11	.38	.61	3.56	24.68
October.....	1.59	2.85	.87	1.89	4.32	3.50	2.46	2.79	4.01	2.69	2.17	29.14
November...	1.18	1.47	1.28	2.31	1.59	2.17	3.48	2.69	3.14	4.98	3.11	27.40
December...	2.91	2.30	3.50	2.66	2.97	2.53	1.09	2.37	2.12	3.72	1.70	27.87
TOTALS...	30.10	19.74	30.87	27.79	27.57	25.42	22.66	33.21	26.48	20.74	29.61	294.22 out

True 20 ft high 30 yds E.

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	Parish Church.	Distance from gauge	Direction from gauge
1920	57° 59'	1° 1'	Burton Joyce	1467 yds	S.W.	Holy Trinity	566 yds	N

## RAINFALL at Burton Joyce Waterworks

County of Nottinghamshire

Observer F. W. Davies, Esq., C.E.

River Basin Trent Left Bank 5

Type of Gauge M.O.

Annual Average 25.2 in. based on 50 years obs. un-weighted. Period of average 1881-1915 Ref. S

743106/27.

Diameter	8	Height	10	Altitude	65	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.72	1.14	1.60	1.91	1.33	3.97	4.62	2.39	4.50	3.31								26.55
February	2.38	1.44	1.84	1.18	2.26	2.08	4.81	1.78	4.0	2.53								18.10
March	1.11	1.30	2.83	1.96	1.75	1.30	2.76	1.09	1.81	1.97								14.88
April	2.89	2.20	1.21	2.01	2.88	1.86	2.82	1.02	1.87	1.79								19.55
May	3.44	5.60	1.63	.86	3.7	1.41	3.66	2.51	1.04	1.24								20.76
June	3.25	5.53	1.85	5.3	2.58	3.14	4.49	1.53	2.24	1.25								17.39
July	2.72	5.89	2.43	2.19	3.9	5.20	2.38	2.83	4.06	2.44								30.52
August	3.53	2.52	.81	1.71	2.26	1.87	2.23	1.97	3.19	1.34								17.43
September	2.13	1.68	1.58	1.80	4.95	5.38	1.10	1.95	1.66	.55								17.77
October	.57	2.72	3.45	1.87	2.88	1.97	3.31	2.84	3.14	4.10								26.35
November	2.09	1.81	1.48	2.25	4.23	3.17	1.33	2.40	3.84	3.75								28.40
December	.83	2	6.3	2.7	4.01	3.28	2.18	2.69	3.96	1.66	1.42							20.81
TOTALS	25.66	26.45	20.98	20.78	28.17	29.53	30.20	23.27	28.79	26.69								26.51
	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.								4/68

1931. Yee 20' high 30 yds. E.

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.			Burton Joyce L.M.S.R.	146 yds.	S.W.	Holy Trinity Bullock	566 yds.	N.

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

Station No. 2611

## RAINFALL at Burton Joyce Waterworks

41

County of Nottinghamshire Observer B. W. Davies Esq. C.E.

River Basin Trent - Left Bank - 5

Type of Gauge H.O.

Annual Average 26.2 in. based on 16 years obs. un-weighted. Period of average 1881-1915. Ref. S.

File No. 742106/27

Diameter	8"			118	217						
Height	1' 0"				1						
Altitude	65'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.08	2.42	3.81	2.68	1.71	2.04	1.92	4.09	1.24	.85	Totals 23.96
February	2.32	1.11	.62	1.73	2.31	2.48	1.28	1.52	.60	4.64	18.61
March	2.72	2.00	.61	36	.93	1.04	4.46	.52	1.53	1.02	15.19
April	1.09	1.23	.85	2.30	1.65	1.39	2.06	1.16	2.13	2.12	16.28
May	1.91	3.48	2.71	1.28	2.47	1.76	1.64	2.33	2.62	1.94	22.20
June	.40	.69	1.62	1.95	2.38	2.91	1.85	2.08	.58	1.31	15.77
July	4.15	2.36	.53	2.23	2.26	1.85	1.59	1.00	3.72	1.87	21.56
August	4.29	2.25	2.00	3.17	2.09	4.48	.15	3.20	2.34	2.90	26.87
September	.48	1.13	2.04	3.50	1.61	2.76	1.26	2.69	1.78	3.12	20.37
October	2.40	2.10	1.77	2.22	2.71	1.10	.27	1.84	5.19	.78	20.38
November	2.78	1.50	1.96	4.42	.37	4.42	1.49	.95	2.53	4.32	24.74
December	.67	1.94	.66	1.32	1.89	2.33	1.90	2.85	2.00	1.44	17.02
TOTALS	26.29	22.27	19.32	27.16	22.38	28.56	19.87	24.23	26.26	26.61	242.95

1941 three 20' higher 30' yrs. E.

1941 may be a little big

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			Burton Joyce L.N.S.	1667 yds	S.W.	Holy Trinity Bulcote	566 yds	N

Station No. 2611

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## RAINFALL at BURTON JOYCE (WATERWORKS)

County of NOTTINGHAM

Observer B. W. DAVIES Esq., CBE

River Basin TRENT &amp; TANDEM - 5

Type of Gauge 40-glass Metre 8" H2O

Annual Average 252.1 in. based on 16 years obs, un-weighted. Period of average 1881-1915 Ref. 5  
25.49 13 " 1960-72 File No. 742106/27

Diameter ...	8"		118	217							
Height ...	1' 0"				1						
Altitude ...	64'	65'			51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.17	1.83	.60	1.46	2.16	3.60	1.45	2.79	2.78	4.55	233.9
February ...	2.86	.48	1.27	2.43	2.30	.58	2.06	3.82	.18	1.93	179.1
March ...	3.18	2.35	.81	1.83	2.50	.80	2.27	1.55	1.55	1.44	182.8
April ...	1.95	1.94	2.04	.24	1.21	1.82	.23	.87	2.77	1.09	141.6
May ...	2.92	2.38	2.00	2.69	3.78	.60	1.31	2.18	.66	1.03	195.5
June ...	1.69	2.49	2.06	3.54	3.36	3.69	1.65	4.60	1.20	1.04	253.2
July ...	.99	.32	1.89	1.91	1.05	3.26	2.35	3.72	1.47	3.75	207.1
August ...	5.01	1.74	1.73	4.35	.61	4.74	3.23	2.79	.59	4.73	295.2
September ...	1.11	1.53	1.07	2.49	.88	1.96	5.56	2.05	.11	3.78	205.4
October ...	.96	2.78	2.51	3.09	1.60	1.24	1.14	1.93	2.28	5.52	230.5
November ...	5.10	1.77	1.46	4.24	1.82	.73	1.80	1.16	1.93	2.88	228.9
December ...	1.66	2.26	.82	2.13	1.82	2.10	1.78	3.05	3.00	3.41	220.3
TOTALS ...	29.60	20.87	18.26	30.40	28.09	25.12	24.83	30.51	18.52	35.15	257.35

1951 tree 20' at 90° E.

July 1951 9.60K. If round both std. q. rec. badly overprotected by numerous trees E-N-W-S. other trees SSE well overprotected. This site chosen which will have v. stiff. shelter from full grown tree to NW. New 8-in. g. set up in + another new std. 1.60. + change of gauge

1958 print with footnote o/s

Position of Station on Ordnance One-Inch map : No. of Map 112 National Grid Reference SK(43)6544443

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			Burton Joyce	166 X	E. W.	Holy Trinity Bulwell	566 X N.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ But - 15.16	✓	✓ d 31, 33, 35 D 34, 36 - 40	✓	✓