

2516

## RAINFALL AT Charnwood Forest Blackbrook Reservoir

Lat. 52° 45' N

Lat. 51° 19' W. County of Leicester

Trent - Lt.

*Rain Gauge, by*

Observer

A. H. Walker Esq. CL

## RAINFALL AT Charnwood Forest Blockhouse Reservoir

Lat. .... Lon. .... County of Leicester

Rain Gauge, by ..... Observer ..... a. H. Walker Esq. Ch.

Trent, R. bank - 4.

Diameter ..	8										
Height ....	1.0										
Altitude ..	310										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEAN.
January ..	3.94	1.68	1.34	2.43	3.32	1.17	3.53	1.15	1.12	1.16	2.084
February ..	3.70	1.39	1.82	.91	3.42	.75	2.98	1.30	1.53	.86	1.860
March ..	.80	2.18	1.79	3.88	2.25	3.19	1.93	1.17	2.78	3.16	2.313
April.....	1.21	1.64	2.26	2.17	1.29	1.77	.79	1.80	2.99	1.43	1.735
May .....	1.85	.82	3.16	2.72	1.54	.39	2.35	3.54	2.14	1.41	1.992
June.....	2.86	2.47	2.10	1.43	.44	3.44	2.59	3.03	1.81	3.04	2.321
July .....	2.16	4.12	1.33	1.69	2.86	1.20	.80	3.48	2.83	3.34	2.381
August .....	4.11	1.56	3.93	4.58	3.81	3.03	1.16	2.53	2.95	2.42	3.008
September..	.58	.85	1.92	2.72	2.06	1.75	1.15	.80	1.95	2.68	1.646
October....	2.96	1.56	2.22	6.99	.66	1.45	5.74	4.29	.73	3.12	2.972
November ..	2.56	1.40	1.83	1.97	1.36	3.00	3.15	2.12	1.85	.64	1.938
December ..	3.87	5.08	1.80	1.84	1.87	.90	2.50	3.01	1.43	3.88	2.613
TOTALS ..	30.60	24.75	25.50	33.33	24.88	22.04	28.67	28.22	24.11	27.08	26.918

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1909 Shepshed Station 1 mile

H.W.B.

## RAINFALL at Charnwood Forest Blackbrook Reservoir

County of Leicestershire Observer A. H. Walker Esq. C.E.  
 River Basin Trent Right Bank Tributaries 4  
 Rain Gauge, by Casella

Diameter ...	8	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height .....	1.0											
Altitude ...	367											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	1.58	.99	4.01	2.81	1.47	2.67	1.39	2.19	1.99	3.58		
February ...	2.21	1.88	1.71	.95	1.54	2.85	3.79	.68	1.40	2.18		
March .....	.70	2.06	2.97	4.05	2.75	.86	5.02	1.52	1.14	4.41		
April .....	2.17	1.08	.32	2.40	1.35	.91	1.55	1.43	1.77	1.43		
May .....	2.63	1.02	3.19	2.06	1.76	1.96	2.58	2.94	2.66	1.30		
June .....	1.14	2.23	4.30	1.21	2.40	2.00	2.26	3.58	.72	.97		
July .....	3.35	.22	3.93	1.60	2.79	7.87	2.02	1.94	2.29	3.15		
August.....	3.33	1.93	6.73	1.44	1.60	2.65	3.51	5.41	1.93	3.29		
September ..	.88	1.49	1.04	2.70	.92	1.13	1.88	1.76	5.35	1.61		
October ...	2.37	2.30	2.78	4.01	2.21	.99	2.62	3.72	1.40	1.76		
November ..	4.37	2.43	1.71	2.35	3.98	3.22	3.19	1.17	1.63	2.19		
December ...	4.84	4.12	3.68	1.09	5.11	4.72	2.77	1.26	2.95	4.28		
TOTALS ...	29.57	21.76	36.37	26.57	27.88	31.83	32.58	27.60	25.23	30.15		

No rain within appreciable distance

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Stretford	2 M	NE	Baker		

## RAINFALL at Charnwood Forest - Blackbrook Reservoir

County of Leicestershire) Observer A. H. Walker Esq C.E.

River Basin Trent - At Bank Tribs 4. Water Engineerough.

(1925) Snowdon Rain Gauge, by Gascells

(1930) W. G. Granger Esq. C.E.

Diameter ...	5"										
Height .....	1	0									
Altitude ...	379										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN
January	2.87	2.68	3.59	1.62	2.15	1.77	2.60	2.44	4.96	1.66	3.43
February	1.61	.33	2.37	3.75	.50	2.73	2.44	2.15	2.25	.43	.83
March	2.29	1.54	1.78	1.04	.90	1.15	1.00	2.79	1.43	.13	2.89
April	4.46	.91	3.19	2.01	1.46	2.07	2.11	1.84	1.30	.80	3.38
May	2.40	1.39	1.55	2.02	3.33	4.85	3.02	1.21	.94	2.26	2.96
June	1.62	.63	.97	.66	2.14	.03	3.00	4.61	2.46	1.44	1.92
July	3.84	.49	4.74	3.75	3.00	2.10	2.27	2.68	1.34	1.84	5.27
August	.74	4.52	0.72	2.15	2.59	2.03	2.51	3.25	3.83	2.18	1.97
September	1.63	1.39	2.23	3.36	2.55	3.39	1.19	5.72	.46	.60	4.72
October	1.50	2.17	.81	2.47	4.01	3.66	3.11	2.80	4.26	3.69	2.01
November	1.17	1.84	1.15	2.27	2.70	2.08	4.92	3.27	4.09	5.42	3.41
December	2.73	2.03	4.08	2.84	2.67	2.17	.79	4.69	1.84	5.46	3.01
TOTALS...	(26.86)	19.92	32.18	28.14	28.00	28.03	28.96	35.15	29.85	25.97	35.80

1920. Gauge moved 1.X.20. 1707ds N.N.E.

1920. Total 3.8" see 40346/30. Observer confirms slight fall on Aug. 29<sup>th</sup> storm mixed 2501 + heavy falls registered at 2503 + 2505. Also 1.53" registered on 31/12/30 while only .12 + .13 registered at 2505 + 2503. These figures may be relied upon.Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
(1925) 1920	52° 46' 17" N	19' 30" W	Shepshed L & N.W. 1/2 mi N.E.			The Gates	1 mi	S.E.

## RAINFALL at Charnwood Forest (Blackbrook R.)

County of Leicestershire Observer W. Granger, Esq., C.E.

River Basin Trent Right Bank tributary

Type of Gauge Standard

Annual Average in. based on years obs. un-weighted. Period of average 1921/1935 Ref. 40346/30

Diameter	5											
Height	10											
Altitude	377											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.35	1.97	1.33	2.61	1.61	3.89	3.46	2.59	5.04	2.40		
February	2.48	3.36	2.39	5.0	2.45	2.49	4.05	1.52	1.45	2.94		
March	2.27	1.63	2.62	1.82	1.67	1.83	2.67	1.23	1.84	1.36		
April	4.03	2.49	1.22	2.93	3.24	1.68	2.55	1.00	1.54	1.70		
May	3.09	6.32	2.49	.98	4.6	1.31	2.42	1.51	1.17	1.08		
June	3.31	.86	2.49	74	3.32	3.52	.59	1.61	1.48	.94		
July	3.95	3.67	2.12	1.16	2.21	5.03	2.83	2.14	4.24	2.51		
August	4.48	2.32	.62	1.84	2.01	1.78	1.43	2.09	4.14	1.12		
September	1.74	2.42	1.77	1.89	4.98	2.33	1.18	1.83	1.10	.57		
October	.66	3.20	3.27	1.24	3.76	1.19	3.09	2.46	3.25	3.29		
November	2.00	2.24	1.25	2.29	5.11	2.18	1.34	2.80	4.69	6.46		
December	.94	.80	.47	4.15	3.38	1.46	2.26	4.20	1.64	1.32		
TOTALS	28.30	28.18	23.54	22.15	30.20	26.69	26.87	21.98	31.58	25.69		

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
			Shepshed.	1/2 m	N.E.	The Oaks.	1 m	S.E.

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

Station No. TF 2516

## RAINFALL at Charnwood Forest (Blackmoor R.)

41

County of Leicestershire Observer W. Lyngate Esq. B.E.

River Basin Trent - Right Bank 4

Type of Gauge Standard

Annual Average 26.4 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 403.16/30

Diameter	5"		115	306							
Height	1' 0"			1							
Altitude	379			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(3.67)	3.14	4.51	2.45	1.39	1.88	2.12	4.83	1.15	1.67	
February	2.21	.51	.76	1.89	2.71	4.75	1.19	1.34	.78	4.52	
March	3.50	2.02	1.58	(.05)	1.04	1.68	5.18	.78	1.68	1.46	
April	1.54	.96	.86	2.12	2.21	1.54	1.83	1.00	3.02	2.62	
May	2.52	3.06	3.48	.62	3.73	2.11	1.32	2.36	2.00	1.84	
June	.84	.20	1.95	1.71	2.64	2.88	1.26	1.71	.61	1.31	
July	4.66	2.33	1.13	2.35	2.89	1.82	2.49	1.33	5.26	2.20	
August	5.77	2.29	2.50	1.86	2.07	4.06	.02	4.30	2.23	2.82	
September	.49	.85	2.06	3.44	1.15	3.22	1.04	2.54	2.35	3.07	
October	2.66	2.91	2.06	2.62	3.59	1.19	.29	2.49	5.03	.93	
November	3.20	1.78	(1.63)	3.84	.16	5.28	1.64	1.44	4.39	4.11	
December	.81	2.01	.76	1.57	2.12	1.94	1.30	3.93	1.74	1.69	
TOTALS	32.07	22.06	23.27	24.93	25.00	31.35	19.68	28.05	30.27	27.24	
	d	d	d	d	D	D	D	D	D	D	

1941 Jan cont'd. by ref. to nearby stns.

1947 n.p. below.

1948 n.p. for

40004

00024/10004

x x x  
fixed after june lowPosition 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	Direction
1941			Broughsham	1/2 m.	N E	The Oaks	1 m.	S E.

Station No. 2816

T.F. 21

## RAINFALL at CHARNWOOD FOREST (BLACKBROOK Res.)

51

County of LEICESTERSHIRE

Observer

W. George Esq., C.B.E.  
Borough Surveyor (West. 1955 BR.)  
F.J.S. Balch

River Basin TENTER - R. BANK - 4

Type of Gauge SNOWDON \* (+A)

Annual Average 26.4 in. based on 30 years obs. wt-weighted. Period of average 1881-1915  
" 27.91 " " 42 " WITHIN 1916-1957 " " " 1916-1950 S  
File No. 40346/30

Diameter ...	5"		115	306							
Height ...	1' 0"				1						5"
Altitude ...	379'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.51	2.70	1.02	1.46	1.55	3.68	2.32	2.74	2.95	5.82	
February	3.18	.61	1.58	2.55	1.82	.77	3.36	3.86	.04	1.49	
March	3.92	2.60	1.43	2.34	3.91	1.40	2.40	1.80	1.61	1.84	
April	2.19	2.14	2.70	.44	1.65	1.40	.25	.82	3.15	1.14	
May	4.24	2.83	2.57	2.97	4.37	.76	1.02	1.78	.50	1.27	
June	1.53	1.91	2.63	2.92	3.92	3.12	2.19	4.19	1.09	2.58	
July	1.06	.52	1.48	3.06	2.07	2.12	2.73	4.19	.69	2.98	
August	5.49	1.86	2.95	5.06	(.42)	5.36	2.80	2.15	1.12	3.48	
September	1.62	1.55	1.48	2.32	1.39	1.95	5.85	2.28	.02	3.88	
October	.76	2.97	3.28	3.59	1.81	1.49	1.83	2.58	2.31	5.39	
November	5.22	1.75	1.31	5.45	2.44	1.17	2.26	1.36	2.79	3.25	
December	1.73	3.08	1.07	3.32	1.90	3.75	2.09	2.85	3.95	3.29	
TOTALS ...	33.45	24.50	23.50	35.48	27.26	26.97	29.10	30.60	20.22	36.41	
	d	D	D	D	D	D	D	D	D	d	

1957 Dec. est. 40 ft. high agreed. Regis Sect. app'd.

July 1957 B.O.K. Tree 48°, 85' E, House 40°, 75' SSE otherwise exposure satisfactory. There may be some slight over-exposure to W.

00204

\* N + Z. Hydro. purchased &amp; installed 7.5.58 (94A + 98A)

Position of Station on Ordnance One-Inch map : No. of Map 121 National Grid Reference 43/463+70

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1953			Shepshed	1½ mi	N.E.	The Oaks	1 mi S.E.

Summary of Earlier Records from 10-year Sheets :

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