



RAINFALL AT Charnwood Forest Blackbrook 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						367				
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
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	.80	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	1.988
December ..	3.87	5.08	1.80	1.84	1.87	.90	2.50	3.01	1.43	3.88	2.618
TOTALS ..	30.60	24.75	25.50	33.33	24.88	22.04	28.67	28.22	24.11	27.08	26.912

1907 Shepshed Station 1 mile

H.W.B.

RAINFALL at Charnwood Forest Blackbrook ReservoirCounty of LeicestershireObserver A. H. Walker Esq. C.E.River Basin West-Right Bank Tributaries 4Rain Gauge, by Casella

Diameter ...	8										
Height .....	1.0										
Altitude ...	367										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
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	1.50	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	
	2	3	2	2	2	2	2	2	2	2	

N. being within appreciable distance

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Shepsham</u>	<u>2 m</u>	<u>NE</u>	<u>Barkes</u>		



RAINFALL at Charnwood Forest-Blackbrook ReservoirCounty of Leicestershire Observer A. H. Walker Esq C.E.River Basin Trent-Pl. Bank Tribs 4. Water Engineer Loughborough.(1925) Snowdon Rain Gauge, by Casells (1930) W. Granger Esq. C.E.

Diameter ...	5										
Height .....	1	0									
Altitude ...	379										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 M.M.S.
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	3.95	.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	1.73	.13	2.89
April .....	4.46	.91	3.19	2.01	1.46	2.07	2.11	1.84	1.30	.83	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	1.37	1.84	5.27
August .....	.74	4.52	5.72	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	.76	.60	4.72
October .....	1.50	2.17	.81	2.47	4.01	3.66	3.11	2.50	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	2.47	2.17	.79	2.69	1.87	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
	3	3	3	3	3	3	3	3	3	3	3

1920. Gauge moved 1.X.20. 17074 N.N.E.

1930. Enc. 34 file 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 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	52° 46'	1° 19' 30"	Shepshed L.N.W.	1 1/2 mi	N.E.	The Oaks	1 mi	S.E.

RAINFALL at Charnwood Forest (Blackbrook R.)County of LeicestershireObserver W. Granger, Esq., C.E.River Basin Trent Right Bank tributariesType of Gauge StandardAnnual Average 25.4 in. based on 22 years obs. un-weighted. Period of average 1881/1915 Ref. S  
40346/30

Diameter	5										
Height	10										
Altitude	379										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.35	1.87	1.33	2.61	.61	3.89	3.46	2.59	5.04	2.40	
February	2.48	.36	3.39	.50	2.45	2.49	4.05	.52	1.45	2.94	
March	.27	1.63	2.62	1.82	.67	1.83	2.67	.23	1.84	1.36	
April	4.03	2.49	1.22	2.93	3.24	1.68	2.55	.00	1.54	1.70	
May	3.09	6.32	2.49	.98	.46	.31	2.42	1.51	1.17	1.08	
June	3.31	.86	2.49	.74	3.32	3.52	.59	1.61	1.45	.94	
July	3.95	3.67	2.12	1.16	.21	5.03	2.83	2.14	4.24	2.51	
August	4.48	2.32	.62	1.84	2.01	.78	.43	2.09	4.14	.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,  
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
			Shepshed.	1½ m	NE	The Oaks.	1 m	S.E.

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

Station No. TF.2516RAINFALL at Charnwood Forest (Blackbrook R.)

41

County of Leicestershire Observer W. G. AngerRiver Basin Leic. Right Bank 4Type of Gauge SnowdonAnnual Average 26.4 in. based on 30 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. 40344/30

Diameter	5"			115	306						
Height	1'0"				1						
Altitude	379				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(3.57)	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	.68	5.18	.78	1.68	1.46	
April	1.54	.96	.86	2.12	2.21	1.54	1.83	1.00	3.05	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	2.52	
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 d	22.06 d	23.27 d	24.93 d	26.00 d	31.35 d	19.68 d	28.05 d	30.27 d	27.24 d	

1941 Jan. cond. by ref. to nearby stns.  
1947 n.p. low.  
1948 n.p. low.

40004

00024/10004

x x x  
Good after frostPosition 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.
1941			Shepshed.	1 1/2 m.	N E	The Oakes.	1 m.	S E.

BRITISH RAINFALL ORGANIZATION



Station No. 2516

T.F. 21

**RAINFALL** at CHARWOOD FOREST (BLACKBROOK RES)

51

County of Leicestershire

Observer

River Basin. TRENT - R. BANK - 4

Type of Gauge..... SNOWDON..... (+A)

Annual Average 26.4 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. 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	27.25	26.91	29.10	30.60	20.22	36.41	

1957 Dec. col. 10th Aug. agreed. Aug. 5th app'd.  
 Just. 1957 J. B.O.K. Tree 48', 85' E, Home 40', 75' SE otherwise *capanea* satisfactory. There  
 may be some slight over-*capanea* to W.

00204

\* N + Z. Hydro. purchased & installed 7.5.58 (94<sup>A</sup> & 98<sup>A</sup>)

457178

*Position of Station on Ordnance One-Inch map :*

No. of Map.....121

National Grid Reference 43/463176

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1953			Shephard	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	✓ ✓	✓ ✓	✓ ✓ ✓ Int d 36-40	✓ n.p. 47-48 ✓ Int d 41-43	