

# RAINFALL AT *Barkby*

70

Lat. ....

Lon. ....

County of *Leicester*

Rain Gauge, by .....

Observer *E. N. Pochin*

*Foot - ft.*

Diameter...					5						
Height ...					1						
Altitude ...					2123						
Year ...	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January ...	1.43	.68	3.52	2.22	1.58	2.52	2.18	3.01	1.67	1.18	1.999
February ...	1.45	1.17	2.19	1.11	1.48	1.42	2.22	2.01	1.30	2.02	1.637
March .....	1.63	.92	1.44	1.56	1.08	.51	2.55	1.72	.66	.64	1.271
April .....	.50	2.37	2.74	.60	1.16	1.10	3.75	2.51	1.84	2.25	1.882
May .....	.52	1.27	1.52	2.17	1.08	1.46	.58	1.78	4.78	3.67	1.853
June .....	.57	(4.65)	4.19	2.88	.64	4.26	1.78	.74	1.64	3.77	2.512
July .....	1.06	(4.22)	4.92	2.09	.56	6.56	.63	2.66	1.51	2.71	2.734
August ...	1.62	.59	2.54	2.51	2.60	1.14	1.51	2.53	6.93	3.57	2.554
September ..	1.50	4.17	2.91	2.04	2.30	2.88	5.20	1.40	1.14	3.45	2.699
October ...	3.66	1.84	3.52	1.83	1.85	4.74	1.49	1.32	2.52	.76	2.353
November ..	1.27	1.34	3.22	2.34	1.86	3.71	2.84	2.31	3.08	1.29	2.326
December ..	1.94	1.12	3.33	.36	1.89	1.70	4.50	1.53	1.63	1.15	1.915
TOTALS ..	17.15	24.76	36.04	21.71	18.08	32.00	29.23	23.52	28.70	26.46	25.765

*Orchard trees SE of gauge 10 yards distant  
and about 25 ft high*

# RAINFALL AT *Barkby*

80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Leicester*

Rain Gauge, by \_\_\_\_\_

Observed \_\_\_\_\_

*Rev. E. N. Pechin*

*Trent - 4.*

Diameter ....	5					8					
Height .....	1					4	10				
Altitude ....	212					224 T	221 T				
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.33	1.24	2.07	2.13	2.17	1.68	3.09	2.37	1.05	1.42	1.755
February ....	2.16	3.36	2.03	3.02	.91	2.41	.30	.57	1.43	1.89	1.808
March .....	1.52	1.12	1.12	1.01	1.09	.88	2.39	1.61	2.26	4.08	1.708
April .....	1.51	1.16	3.06	2.13	1.59	1.83	1.80	1.02	3.68	3.18	2.096
May .....	1.39	1.08	1.62	1.68	.85	2.26	4.64	1.64	.88	3.69	1.973
June .....	4.09	2.20	4.13	3.76	1.04	2.33	2.03	1.27	1.79	.86	2.350
July .....	7.61	1.28	3.03	3.42	3.28	.09	3.02	.72	5.59	1.89	2.993
August .....	1.57	5.09	1.92	1.15	2.17	4.03	2.01	1.33	2.38	2.79	2.444
September....	5.46	2.21	2.68	4.32	.91	3.21	1.61	2.37	1.30	2.29	2.636
October .....	5.16	2.66	5.46	1.80	1.23	5.39	4.57	1.81	.52	2.99	3.153
November....	1.58	2.20	3.14	3.76	1.52	2.78	2.05	1.69	3.28	.86	2.286
December ....	2.79	2.94	3.91	1.00	1.76	.58	3.47	1.43	1.71	1.85	2.144
TOTALS ....	35.17	26.54	34.17	29.18	18.52	27.47	30.92	17.83	25.87	27.79	27.346

1880. *Barkby Church*, <sup>300 yards</sup>  $\frac{1}{4}$  mile

W.

Trees 30ft high 30ft SE.

1886 Gauge moved 30 yards S.

Trees 30ft high 45ft N

House 58ft high 60ft W.

# RAINFALL AT *Barkby*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Leicester*

Rain Gauge, by \_\_\_\_\_

Observer *Rev E. N. Pochin*

*Inst - 14.*

Diameter . . .	8											
Height . . . . .	0 10		4									
Altitude . . . .	221 <del>ft</del>											
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . . .	2.38	1.69	1.03	1.52	1.32	3.08	1.04	1.44				
February . . . .	.84	.13	2.52	2.32	1.77	.15	.57	2.78				
March . . . . .	2.12	1.10	1.00	.37	.89	1.67	2.03	2.10				
April . . . . .	.82	2.07	.85	.30	1.67	1.72	.88	1.67				
May . . . . .	1.85	2.64	2.21	1.81	1.99	.63	.64					
June . . . . .	1.79	3.36	2.96	.73	1.91	.71	2.05					
July . . . . .	2.50	2.24	2.75	2.70	2.34	2.95	3.55					
August . . . . .	2.59	3.27	1.41	1.57	2.12	1.63	2.99					
September . . .	1.64	1.18	2.03	1.74	1.10	.44	3.73					
October . . . .	1.37	4.89	3.79	2.23	2.21	3.05	3.08					
November . . . .	3.07	2.62	1.04	1.91	1.97	3.63	1.13					
December . . . .	.49	3.33	1.25	1.80	2.26	2.26	3.37					
TOTALS . . . .	21.46	28.52	22.84	19.00	21.55	21.92	25.06					

1890 *Barkby Church*  $\frac{1}{4}$  mile W  
*Trees* 22 ft high 45 ft N + E  
*House* 40 " " 60 " W



# RAINFALL AT

Barkby Hall

Lat. ....

Lon. ....

County of Leicester

Rain Gauge, by

Observer

Victor R. Pochin Esq.

Inst. R. Bank - 4.

Diameter ..						5					
Height ....						3					
Altitude ..						217					
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							3.40	.93	1.24	.99	
February ..							2.30	1.21	1.33	.63	
March ....							1.77	1.43	2.55	3.22	
April .....							.76	2.24	2.54	1.41	
May .....							1.88	3.28	1.70	1.01	
June .....							3.23	2.23	1.25	3.11	
July .....							.76	2.43	2.93	3.30	
August ....						3.05	.96	2.26	2.93	2.69	
September ..						2.77	.89	1.05	1.87	2.47	
October ....						1.15	4.28	4.61	1.16	3.14	
November ..						2.08	3.88	1.99	.87	.59	
December ..						1.01	2.87	2.78	1.53	3.55	
TOTALS ..							26.18	26.84	21.90	26.11	

1905 Barkby Church 50 yards W

Syston Station 1 3/4 mile W

Honne 60 ft high 10 yards W

Tree 60 - 25 SE

RAINFALL at Barkby Hall

2608

County of LeicestershireObserver Victor R. PechinlogRiver Basin West-Right Bank Tributaries 4

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	0 3			0.6								
Altitude ...	217 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals 16-19
January ...	1.77	.91	3.04	2.79	1.20	2.31	1.39	2.39	2.09	3.90		9.77
February ...	2.18	1.97	1.26	.89	1.38	2.89	4.51	.63	1.59	2.50		9.23
March .....	.69	1.88	2.70	3.90	2.79	.83	4.27	1.22	1.19	3.52		10.20
April .....	1.62	1.08	.15	2.58	1.08	1.01	1.12	1.90	2.08	1.80		6.90
May .....	3.14	1.61	2.50	1.66	1.49	2.13	1.87	2.18	1.48	1.22		6.75
June .....	.87	2.06	3.81	1.09	2.42	2.78	2.07	2.74	.84	.98		6.58
July .....	2.58	.07	4.88	1.41	2.21	7.01	1.38	1.66	2.91	4.61		10.56
August .....	3.14	2.91	5.95	1.54	1.72	2.85	2.90	5.33	1.82	2.71		12.76
September ..	.98	1.24	.94	2.05	.56	1.28	1.09	1.74	4.20	2.01		9.04
October ...	2.26	2.80	2.02	2.84	2.03	1.16	1.93	3.47	1.75	1.63		8.78
November ..	3.44	2.55	1.89	2.16	3.44	2.32	2.73	1.09	1.60	1.95		7.37
December ...	4.97	4.04	3.61	.92	4.68	5.02	2.39	1.17	2.63	4.04		10.23
TOTALS ...	27.64	23.12	32.75	23.83	25.10	31.59	27.60	25.52	24.18	30.87		108.17
	D	D	D	D	D	D	D	D	D	D		108.17

1913 House 50 ft high 40 ft W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.41. N	1.33. W	Syston	1 3/4 m	W	Barkby	5 1/2 m	W

RAINFALL at Barkby HallCounty of LeicestershireObserver Victor R. Pochin Esq.River Basin Trent - Rt. Bank Tribs 4.

(1925) British Ass. Rain Gauge, by A.W. Jones.

Diameter ...	5									5		
Height .....	6									1ft		
Altitude ...	227									227		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS	
January ...	2.68	2.34	2.81	1.26	2.11	1.63	2.83	2.34	4.26	1.34	3.05	Totals 26.68
February ...	1.30	.27	2.65	3.61	.76	2.71	2.44	2.21	1.94	.51	.55	18.95
March .....	2.46	1.02	2.01	1.36	.63	1.08	.81	2.08	1.40	.08	1.90	14.83
April .....	4.90	.94	3.26	1.82	1.94	1.57	1.56	1.93	.83	1.49	2.09	23.23
May .....	2.15	2.17	.89	1.59	3.86	4.07	3.05	.96	1.43	1.91	2.79	25.17
June .....	1.30	1.35	.99	.61	2.64	.08	2.57	4.84	3.26	1.51	1.06	20.21
July .....	3.43	.27	4.39	3.80	2.28	2.32	2.82	3.12	1.22	1.49	3.58	27.12
August .....	.98	4.67	4.94	1.96	2.27	1.65	2.95	3.85	2.49	2.40	2.63	30.77
September...	1.72	1.07	2.00	2.63	3.42	2.57	1.72	4.39	.84	.84	4.10	25.33
October .....	1.41	3.00	.77	2.96	4.05	2.83	2.26	1.94	3.91	3.20	2.20	28.53
November...	.83	1.55	1.13	2.11	2.18	1.77	3.22	2.84	3.08	5.01	2.72	26.44
December...	2.02	1.83	3.66	2.80	2.27	1.60	.82	2.18	1.91	4.44	1.96	25.52
TOTALS...	25.18	20.48	29.50	26.51	28.41	23.88	27.05	32.68	24.00	24.58	29.53	294.80
	D	D	D	D	D	D	D	D	D	D	D	4ft

1925. Hall 50 ft. high 45 ft. W.

1927. Walnut Tree 40 ft. high 70' ESE

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1920	52° 41'	1° 3'	Syston	1 1/2 mi W	Barkby	50 yds W



RAINFALL at Barkby HallCounty of Leicestershire Observer Victor R. Pashin, Esq.River Basin Trent - Right Bank tribe 4

Type of Gauge

Annual Average 24.5 in. based on 22 years obs. un-weighted. Period of average 1881-1902 Ref. 3

667537/26

Diameter	5											
Height	1	0										
Altitude	227											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.82	1.60	1.68	1.85	1.11	3.72	3.25	2.83	4.88	1.90		24.64
February	2.18	.87	2.69	.54	2.31	2.07	3.11	.77	1.06	2.81		17.91
March	.36	1.78	2.62	1.79	1.18	1.82	2.96	.22	1.73	2.34		16.80
April	3.50	3.13	1.49	3.89	3.09	2.34	3.16	.05	1.86	2.02		24.52
May	2.92	5.92	1.79	.82	.90	1.25	3.65	1.77	1.12	1.22		21.36
June	2.08	1.73	2.04	.71	3.12	4.26	1.19	1.26	1.28	1.31		18.95
July	3.21	3.87	1.87	1.01	.44	5.05	4.68	2.48	3.95	4.22		30.78
August	3.38	2.55	.81	2.86	2.15	1.34	.44	3.84	4.42	.17		22.46
September	2.94	2.50	2.18	1.52	3.83	2.34	1.29	1.89	1.39	.79		20.67
October	.60	3.56	3.06	1.41	2.97	1.54	2.89	2.31	3.47	3.82		25.63
November	2.10	1.76	1.47	2.34	4.58	2.23	1.42	2.71	3.81	5.45		27.87
December	.74	.70	.38	4.14	3.56	1.60	1.73	3.02	1.62	1.90		19.39
TOTALS	25.80	29.47	22.08	22.88	29.24	29.56	29.77	23.16	31.08	27.95		270.73

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
			<u>Syston</u>	<u>1 1/2 m</u>	<u>W.</u>	<u>Barkby</u>	<u>100 yds</u>	<u>W.</u>

Station No. 2508RAINFALL at Barkby Hall

41

County of LeicestershireObserver Nelson R. Poshin Esq.River Basin Grant Right Bank-A

Type of Gauge.....

Annual Average 24.5 in. based on 23 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref SFile No. 66.7594/26

Diameter	5"			114	205							
Height	1'0"				1							
Altitude	227'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.84	2.44	3.51	2.16	1.45	2.12	1.29	3.92	1.17	1.75		Totals 21.65
February	2.39	.69	.90	1.23	1.60	3.38	1.36	1.65	.56	3.20		16.96
March	3.25	1.43	1.06	.33	.58	.74	4.81	.73	1.22	.77		14.92
April	1.56	1.16	1.03	1.91	1.47	1.60	1.91	1.28	2.30	1.78		16.00
May	2.95	3.16	3.02	.80	2.67	1.70	1.43	2.26	2.34	2.16		22.49
June	.95	.67	3.29	1.56	2.81	3.02	1.37	1.90	.74	1.46		17.77
July	4.73	2.51	.89	2.44	3.21	1.52	3.10	1.17	5.62	1.64		26.82
August	4.23	2.23	1.75	2.09	2.38	5.61	.21	4.28	1.38	2.47		26.63
September	.41	.81	1.88	4.76	1.05	4.40	.81	3.03	1.47	3.02		21.64
October	2.33	3.19	1.77	2.28	3.39	1.24	.19	2.26	4.43	.60		21.68
November	2.97	2.16	1.10	3.16	.27	4.93	1.23	1.27	2.38	3.50		22.97
December	.79	1.78	.74	1.22	1.93	2.19	2.11	3.51	1.33	1.28		16.88
TOTALS	29.40 D	22.23 D	20.84 D	23.94 D	22.81 D	32.45 D	19.82 D	27.26 D	24.94 D	22.63 D		246.42 1942

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.
1942			System	1½ miles	W.	Barkby	60 yds.	W.

BRITISH RAINFALL ORGANIZATION



Station No. 2508RAINFALL at BARKBY HALL

51

County of LEICESTERSHIREObserver VICTOR R. PUGH, Esq.River Basin TRENT - R. BANK - L.

Type of Gauge

Annual Average 24.5 in. based on 23 years obs. un-weighted. Period of average 1881 - 1915 Ref. S  
26.30 " " 35 " " 1916-1950 1916-1950 667597/26 P

File No.

Diameter ...	5"			114	205							
Height ...	1' 0"				1							
Altitude ...	227'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Notes
January ...	2.22	2.11	1.65	1.22	2.21	3.34	1.19	2.34	2.49	5.63		23.40
February ...	2.74	1.66	1.26	2.11	1.85	.51	2.42	2.89	.04	1.47		13.95
March ...	3.29	1.91	1.59	1.82	2.63	1.17	2.08	1.60	1.68	1.53		19.30
April ...	2.21	1.78	1.76	.44	.98	1.07	.14	.62	1.96	0.62		11.78
May ...	3.03	2.60	1.50	2.43	4.70	.80	1.38	1.89	.40	0.86		19.59
June ...	1.34	2.28	2.93	2.48	3.03	3.19	1.71	4.54	.88	2.44		24.82
July ...	1.15	.35	1.93	2.12	2.08	3.38	3.81	3.89	1.44	3.16		23.3
August ...	4.16	2.77	2.29	4.42	.53	4.38	2.47	2.48	.80	3.23		27.53
September ...	1.08	1.44	1.60	1.99	1.22	1.45	5.01	1.79	.16	3.77		19.51
October ...	.58	2.69	2.66	2.86	1.54	1.48	1.01	1.75	2.03	4.96		21.56
November ...	4.65	1.97	1.38	4.63	.94	.71	1.83	1.40	2.09	2.68		22.28
December ...	1.56	2.19	.77	2.27	1.37	1.95	1.96	2.10	2.94	3.93		21.06
TOTALS ...	28.01	22.75	20.52	28.81	23.08	23.43	25.01	27.29	16.91	34.28		250.09
	D	D	D	D	D	D	D	D	D	D		

1956:- Hall 50' - 20 yds. W.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference

43/637098

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1956			System	1/2 mls.	W.	Barkby	50 yds.	W.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P<sub>o</sub> accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ / shut - 18	✓ ✓	✓ ✓	✓ ✓	✓ ✓