

RAINFALL AT *Alcester Ragley Hall*

80

Lat. _____ Lon. _____ County of *Warwickshire*

Rain Gauge, by _____

Observer *Marquis of Hertford*

Upper room - 1.

Diameter . . .				5							
Height				1	0						
Altitude				2	60						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January		(1.00)	(1.90)	2.51	2.37	1.28	2.80	2.31	.94	.93	
February		(3.20)	(2.20)	2.58	1.22	2.76	.44	.48	.55	1.58	
March		(1.45)	(1.15)	1.09	1.85	.85	2.21	1.37	2.72	2.99	
April		(.55)	(3.30)	.85	1.84	1.71	1.67	1.15	1.22	3.33	
May		(1.15)	(1.70)	1.66	.65	2.96	5.39	1.41	.99	4.21	
June		(2.45)	(3.10)	4.45	2.73	2.41	.99	2.01	1.95	.46	
July		(1.85)	(3.60)	2.93	3.10	.38	2.62	.82	6.00	3.35	
August		(4.65)	(1.80)	.98	2.16	2.95	1.31	1.10	2.68	3.65	
September . . .		(1.35)	(3.20)	3.34	1.35	2.78	2.45	2.23	1.10	2.36	
October		(1.90)	(6.10)	2.15	.85	3.66	3.69	2.34	.55	2.61	
November		(2.65)	(4.05)	3.69	1.73	3.82	1.70	1.92	4.64	1.26	
December		(2.80)	(2.90)	.78	1.96	.72	3.49	1.53	2.05	1.88	
TOTALS		(25.00)	(35.00)	27.01	21.81	26.28	28.76	18.67	25.39	28.61	

226.53

Gauge in centre of grass plot west of Hall

1881-1882 roughly computed

$$\begin{aligned}
 &\text{from Lichfield} \times \frac{100}{102} \\
 &+ \text{Blenley} \times \frac{100}{87}
 \end{aligned}$$

93.

26.3.24

RAINFALL AT *Alcester Ragley Hall*

Lat. _____

Lon. _____

County of *Warwick*

Rain Gauge, by _____

Observer *The Marquis of Hertford*

Upper Avon - 1.

Diameter	5										
Height	10										
Altitude	260										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.18	2.39	1.61	1.75	1.50	3.45	.80	2.02			
February ....	.65	.10	1.20	2.39	2.07	.12	.48	2.98			
March	1.06	.97	.89	.23	1.01	2.03	2.54	2.71			
April	1.00	1.65	.92	.28	2.16	2.24	1.20	1.82			
May	1.97	3.69	1.40	1.87	1.79	.59	.34	1.36			
June	1.90	1.65	2.10	1.33	2.25	1.02	1.31	2.66			
July	2.25	2.84	2.20	2.75	2.18	3.27	1.66	.64			
August	2.16	4.17	2.63	1.78	3.32	2.45	1.90	4.05			
September....	.91	1.48	2.13	.97	1.90	1.04	5.77	2.53			
October	1.38	5.38	2.05	2.25	2.62	2.54	2.01	1.59			
November....	2.56	1.73	2.07	1.50	3.12	3.70	1.07	1.99			
December ....	.98	3.44	1.14	1.96	2.39	1.63	3.16	2.56			
TOTALS	19.00	29.49	20.34	19.06	26.31	24.08	22.24	26.91			

1891 Arrow Church 1 mile NNE

1894 House

120 ft E

RAINFALL AT Alcester Ragley Gardens

Lat. _____

Lon. _____

County of Warwick

Rain Gauge, by _____

Observer Mr. A. Christie

Upper arm - 1.

Diameter	5										
Height	10										
Altitude ....	...	150T									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.48	2.14	1.83	1.86	1.52	3.61	.97	2.13	.80	3.03	2.027
February ....	.70	.12	1.06	2.57	2.14	.21	.50	3.08	1.51	2.91	1.480
March	1.02	1.39	.88	.27	1.14	2.13	2.61	2.98	.58	.24	1.324
April	1.09	2.00	.92	.28	2.25	2.30	1.30	1.88	1.53	2.09	1.564
May	2.01	3.50	1.40	1.94	1.80	.57	.28	1.38	4.22	2.16	1.926
June	1.78	1.81	1.80	1.60	2.12	.99	1.63	2.66	1.25	1.95	1.759
July	2.60	2.78	2.20	2.80	2.21	3.34	1.69	.57	1.27	1.39	2.085
August	2.38	4.29	2.72	1.60	3.44	2.40	1.83	4.06	3.16	1.34	2.728
September....	.89	1.53	2.31	.97	2.06	.98	5.85	2.64	.55	2.54	2.035
October	1.45	5.84	2.29	2.32	2.78	2.55	2.02	1.71	2.84	2.57	2.627
November....	2.86	2.02	2.00	1.52	3.18	3.81	1.16	2.08	1.85	1.52	2.200
December	1.17	3.64	1.34	2.18	2.44	1.68	3.26	2.63	1.77	1.60	2.171
TOTALS	20.43	31.06	20.75	19.97	27.08	24.57	23.10	27.80	21.33	23.34	22.942

1890° Arrow Church 3/4 mile E

House 24 ft high 45 ft N

Greenhouse 18 " 45 " W

RAINFALL AT

Hall
Alcester Ragley Gardens

Lat. $52^{\circ} 12' N$

Lon. $1^{\circ} 53\frac{1}{2}' W$

County of Warwick

Bottle Trench Rain Gauge, by *1899*

Observer *M^r A. D. Christie*

Upper Arrow - 1.

The Marquis of Halifax

Diameter ..	5											
Height	10											
Altitude ..	150 T			260			270					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.11	1.08	.84	2.08	2.31	1.06	3.81	1.08	.77	1.27	1.741	
February ..	4.47	1.39	1.35	1.52	3.46	.88	1.67	.91	1.18	.55	1.738	
March ....	.60	1.33	1.51	3.11	1.13	3.15	1.19	.98	1.93	2.70	1.763	
April	1.04	2.25	2.41	1.45	.86	2.17	1.05	2.07	2.99	2.38	1.867	
May	1.68	1.17	2.60	3.91	2.47	.36	2.57	3.24	1.78	1.41	2.119	
June	2.69	1.76	3.10	2.36	.47	4.05	4.27	2.85	1.87	3.53	2.695	
July	1.54	1.81	1.13	2.61	3.95	.46	1.26	2.31	2.15	4.12	2.134	
August	2.57	1.95	4.10	3.92	1.57	5.83	1.27	3.14	2.72	2.19	2.926	
September ..	.48	1.57	2.01	2.06	1.54	1.37	.85	.57	1.38	3.34	1.517	
October	2.64	1.77	2.34	5.94	.69	1.27	4.93	5.91	2.14	3.01	3.064	
November ..	2.49	.61	2.31	1.77	1.17	2.24	2.75	1.88	1.24	.79	1.725	
December ..	4.74	3.55	1.62	1.10	1.84	.81	1.93	3.35	1.84	3.06	2.384	
TOTALS ..	28.05	20.24	25.32	31.83	21.46	23.65	27.55	28.29	21.99	28.35	25.63	

1900 Arrow Church $\frac{3}{4}$ mile E

House 24 ft high 45 ft N

farmhouse 18 - 45 - W

1903 Alcester Station 2 miles N E

RAINFALL at Alcester Ragley HallCounty of WarwickshireObserver The Marquis Hartford
*McHardy*River Basin Severn - Upper Avon 1Bell's Tunnel Rain Gauge, by Ross
Sunder

Diameter ...	5										
Height	10										
Altitude ...	270 T										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.59	.73	4.04	3.18	.59	2.75	1.32	1.74	2.43	4.23	
February ...	2.27	1.66	1.81	1.02	1.07	2.77	3.58	1.06	1.12	2.60	
March .....	.60	1.98	3.30	3.65	3.36	.66	3.68	2.40	1.10	3.93	
April	2.96	1.00	.80	3.06	1.54	.61	.82	1.27	3.01	2.08	
May	1.58	.56	2.48	2.84	1.69	2.50	2.51	2.83	1.58	1.23	
June	3.14	2.41	4.82	.61	2.83	1.08	2.04	2.36	.75	.87	
July	2.57	.24	3.31	1.55	3.40	5.39	2.96	1.01	2.14	3.72	
August	4.50	2.49	7.96	1.04	1.63	1.42	2.29	4.95	.88	2.16	
September ..	.63	1.62	.36	2.36	1.09	.62	1.32	1.80	5.35	1.87	
October ...	2.39	2.10	2.60	3.31	1.72	2.93	3.32	2.12	1.17	2.73	
November ..	3.96	2.61	1.70	2.34	2.86	2.68	2.25	1.04	1.67	1.41	
December ...	3.75	3.93	3.19	.79	6.14	4.48	2.40	1.50	1.77	3.38	
TOTALS ...	30.94 2	21.33 2	35.57	25.75	27.92	27.89	28.49	24.08 2	22.97	29.61 2 imp	

1912 Home 44 ft high 90 ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
52.12 53.12		1. 53 1/2 W	Alcester	2 m	NE	Amor	1 m	N

RAINFALL at Alcester (Ragley Hall)County of WarwickObserver Mr. E. HardingRiver Basin 1 - Upper Avonfor Manqup. S. BedfordAlcester
Rain Gauge, by Ross

Diameter ...	5											
Height	1.0											
Altitude ...	270											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN	
January ...	2.29	2.67	2.30	1.80	2.99	1.69	2.93	2.96	3.82	1.20	4.37	
February ...	.79	.21	2.64	3.79	.63	2.70	2.48	2.15	1.92	.67	.97	
March	3.08	1.29	1.35	1.79	.78	.79	.77	1.89	2.25	.05	1.85	
April	4.15	1.21	2.05	2.61	2.99	2.63	2.43	1.61	1.27	.85	3.26	
May	1.67	1.63	.99	1.67	5.47	3.09	3.47	1.02	.50	1.99	2.67	
June	1.93	.47	1.15	.15	2.36	.25	2.48	3.04	2.84	1.32	1.89	
July	4.81	.33	4.25	2.21	3.87	3.86	2.00	4.66	1.23	1.38	2.80	
August	1.27	3.68	4.63	2.41	3.08	2.68	2.47	3.40	2.06	1.64	2.67	
September...	3.15	.82	2.34	2.23	3.66	3.67	.89	5.09	.48	.76	3.29	
October	3.39	1.97	.23	4.55	4.47	3.37	2.81	1.78	4.13	4.74	2.66	
November...	.75	2.12	1.07	.97	2.10	1.41	5.23	2.90	2.87	5.95	3.36	
December...	2.16	1.53	2.73	2.44	2.44	2.42	.40	2.90	1.98	4.34	3.28	
TOTALS...	29.44	17.93	25.73	26.62	34.84	28.56	28.30	33.40	25.40	24.87	33.07	
	mb. d.	d	d	d	d	d	d	d	d	d	d	

1920. 254.40 ft. hgt. 90 ft. off. N.

" " " " " S.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	52°12'	1°53'	Alcester	2 miles	N.E.	Arrows	1 mile	N.
1929				1 mile				

RAINFALL at Alcester (Bagley Hall)County of WarwickshireObserver Mr. C. HyndleyRiver Basin Severn Upper AvonA. Richards Esq. (April 1940)Type of Gauge GlasgowAnnual Average 25.8 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. B of N

162924/32

Diameter	5										
Height	1 0										
Altitude	270										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.14	1.72	1.93	1.83	1.98	2.96	2.93	3.11	4.83	2.99	
February	2.68	1.11	2.73	4.44	1.71	1.93	3.57	.55	.85	2.45	
March	.04	1.58	2.04	1.30	.60	2.17	3.16	.33	1.44	2.10	
April	3.95	2.72	1.04	2.92	4.20	1.93	2.72	.13	2.03	2.82	
May	4.38	9.06	1.37	.92	1.44	.99	2.35	2.12	.86	2.98	
June	4.05	1.36	1.91	1.04	3.77	2.97	.79	1.04	2.16	.46	
July	4.06	2.48	1.74	1.09	.51	5.18	3.55	2.91	6.17	2.96	
August	4.18	2.10	.70	2.15	1.14	.69	1.26	3.42	2.41	.18	
September	2.70	2.81	1.37	1.82	3.80	3.02	2.49	2.09	.64	1.09	
October	.89	2.94	3.64	1.21	3.30	.91	2.58	2.63	4.25	4.18	
November	2.75	1.26	.96	1.82	5.07	1.99	1.83	2.38	4.11	6.63	
December	.97	1.08	.48	4.72	3.48	2.34	2.09	3.29	1.68	1.90	
TOTALS	31.79	28.22	19.91	21.26	30.00	27.08	29.32	24.00	31.45	30.74	
	D.	d	d	d	d	d	d	d	d	d	

1931. House 40' high 90' N.

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
1931.			Alcester	2m	N.E.	Anow	1m	N.E.

Station No. M. 2447RAINFALL at Alcester (Ragley Hall)

41

County of Warwickshire Observer Mr. D. RichardsRiver Basin Severn - Upper Avon Mr. C. HopdingType of Gauge GlaisherAnnual Average 25.8 in. based on 33 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref B. 2. NFile No. 162.924/32 (P.A. 200. 250)

Diameter	5"				455	500					
Height	1' 0"					1				OMIT	
Altitude	<u>270</u>	<u>240</u>	*			<u>41</u>				↓	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.73	2.29	4.89	2.17	1.58	1.86	2.04	4.19	1.31	(.50)	
February	2.22	.80	1.55	1.09	1.61	1.61	1.11	1.13	1.03	(4.20)	
March	2.49	2.04	1.19	.39	.96	.91	5.33	1.13	1.66	(1.20)	
April	1.47	1.35	.95	1.73	.92	2.38	2.02	2.43	2.17	(2.10)	
May	2.42	3.66	3.05	.61	2.53	2.64	1.85	3.39	3.43	(2.10)	
June	1.50	.03	2.00	2.43	3.46	2.68	1.53	3.78	.41	(2.60)	
July	3.64	1.55	1.21	2.93	1.54	2.40	2.48	1.40	3.10	(3.10)	
August	3.72	3.18	1.38	2.85	2.44	4.99	.57	3.66	1.40	(3.70)	
September	.80	.94	1.41	2.76	1.73	3.90	1.48	3.29	1.35	(4.20)	
October	3.14	2.58	2.37	2.95	3.46	.51	.43	3.02	5.12	(1.60)	
November	2.67	1.44	1.79	3.97	.53	5.29	2.05	1.60	2.77	(3.90)	
December	1.46	3.20	1.13	1.46	8.56	2.14	2.14	3.44	1.45	(1.80)	
TOTALS	28.26	23.06	22.92	25.34	24.32	31.31	23.03	32.46	25.20	(29.00)	
	D	d	D	D	D	D	D	D	d		

1950 State sold.

using paper.

1910-19	1920-30	1931-40	1941-50
✓	✓	✓	41-49
D 10, 11, 17 d 19	✓	✓	41-49

235.90
3 2 3Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map..... Reference No. 42-2254

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

BRITISH RAINFALL ORGANIZATION