

# RAINFALL AT Newport Aston Hall

Lat. 52° 45'. 30"

Long. 2° 24'. 10"

County of Shropshire

Rain Gauge, by

Observer G. R. Leake

Seveny-4.

Diameter ..	5										
Height ..	0.9					1.0	1.4		0.10	1.4	
Altitude ..	250		280								
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MENS.
January ..	2.40	1.74	1.55	1.85	2.08	.84	3.63	1.74	1.30	1.41	18.54
February ..	3.53	1.24	1.09	1.52	3.45	.71	1.72	1.33	1.54	.59	167.2
March ..	.86	2.06	1.46	4.00	1.46	3.21	1.47	1.12	3.11	2.59	213.4
April ..	.73	1.89	2.12	1.58	1.81	1.90	1.81	1.69	2.61	1.83	174.7
May ..	1.77	.74	3.03	3.24	2.19	.98	2.65	3.61	2.64	1.20	220.5
June ..	2.74	2.15	1.88	1.35	.72	2.08	2.39	3.10	3.95	2.72	230.8
July ..	1.49	4.54	1.64	2.23	1.95	1.57	.85	3.57	3.15	4.08	250.7
August ..	4.51	2.67	4.82	4.53	3.25	4.60	2.99	2.40	3.33	2.81	359.1
September ..	.60	1.08	1.18	4.33	1.84	1.06	1.30	1.00	2.83	2.51	177.3
October ..	4.00	2.63	3.10	5.44	.71	1.47	4.44	4.68	1.81	3.51	317.9
November ..	2.63	1.36	1.93	2.77	1.15	2.72	2.49	2.53	1.93	.76	202.7
December ..	3.42	2.29	1.74	1.67	1.62	.68	2.74	2.39	2.61	4.12	232.0
TOTALS ..	28.68	24.39	25.54	34.51	21.70	21.74	28.48	29.16	30.81	28.13	2731.7

    D   D   D   D   D

1900 Elaston Church 200 Yards E

Tree 20 ft high 12 ft E

1902 House 25 ft high 41 ft S.W.

1903 Newport Station ½ mile E.N.E.

1905 Wall 12 ft high 18 ft N

Hedge 2.6" - 17" S

1907 July 26 Gauge moved 15 ft E

H.W.

## RAINFALL at Newport Aston Hall

County of Shropshire

Observer Col R Leake

River Basin Severn. Left Bank Tributaries 4

Hours Rain Gauge, by

Diameter ...	5										
Height .....	1 4										11
Altitude ...	280 ft										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.05	.58	3.53	3.33	1.27	3.25	1.10	2.09	1.97	2.44	
February ...	2.77	1.47	1.02	.86	1.85	2.73	4.00	1.05	1.62	2.54	
March .....	.50	1.44	3.94	4.72	2.48	.80	3.08	2.29	1.44	5.28	
April .....	2.22	.86	.24	3.32	.95	1.45	1.12	1.23	2.46	1.80	
May .....	2.20	.68	2.32	1.82	1.45	2.33	2.32	3.63	3.40	1.00	
June.....	1.45	2.65	5.21	.95	2.07	1.38	1.81	2.56	1.13	1.57	
July .....	2.86	.33	2.16	1.38	3.90	6.75	1.42	1.33	3.01	2.62	
August.....	3.97	1.98	6.11	2.18	2.06	2.68	2.86	5.79	1.64	2.70	
September ..	.51	1.58	1.22	1.58	1.56	.72	1.30	1.47	5.97	2.16	
October ...	3.16	2.08	2.57	3.49	1.55	2.10	4.11	4.46	1.63	3.55	
November ...	4.24	2.94	2.76	2.26	3.21	2.47	2.48	2.28	1.69	1.68	
December ...	4.60	4.61	2.05	1.25	5.95	4.31	2.38	1.47	3.53	3.67	
TOTALS ...	30.53	21.16	33.53	27.13	28.30	30.97	27.98	29.65	29.49	31.01	
	30	21	33	27	28	30	27	29	29	31	01
	10	16	53	13	30	97	98	65	49	01	
	Walls	10 ft high	15 ft	N.W.							
	Hedge	3' 6"	"	14 "	S						

1912 Wall 10 ft high 15 ft N.W.  
Hedge 3' 6" " 14 " S

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
5/24/52	2.23.0 N	W	Newport Salop	1050 yds	E	Church Aston	175 yds	SE

RAINFALL at Newport (Astley Hall).County of Shropshire. Observer Col R. Leeks,River Basin 4 - Severn.Hedge Rain Gauge, by \_\_\_\_\_

Diameter ...	5"										
Height .....	0.11										
Altitude ...	280										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	2.55	2.26	3.73	1.99	2.60	1.76	2.77	2.40	3.68	1.49	4.09
February ...	2.23	1.40	2.41	5.32	1.67	3.72	2.08	1.75	2.46	1.66	1.40
March .....	2.12	1.51	2.39	1.54	1.29	1.15	1.67	2.46	1.88	1.48	3.38
April.....	4.61	1.93	2.08	2.68	2.50	1.42	1.77	1.49	1.24	1.72	2.26
May .....	2.25	1.85	1.58	2.09	4.35	3.02	3.44	1.83	1.01	2.23	2.29
June .....	3.60	1.45	.68	1.63	2.76	1.04	1.24	4.64	3.71	2.08	1.70
July .....	4.77	.79	4.10	3.51	4.43	3.65	2.04	2.35	1.41	1.51	5.19
August .....	1.56	4.13	3.30	3.29	3.56	2.39	2.18	3.63	2.58	2.11	2.90
September...	2.59	.86	2.83	2.46	3.67	4.35	1.35	2.99	1.10	.78	2.92
October.....	2.32	2.53	.64	3.69	3.89	3.29	2.45	2.20	4.37	3.89	3.87
November...	1.90	2.40	1.08	2.02	1.69	1.82	5.00	3.76	3.65	5.31	3.22
December...	2.71	2.15	4.17	3.59	2.65	2.21	1.73	1.93	2.18	4.34	3.17
TOTALS...	35.17	21.26	29.29	33.56	34.06	28.82	25.72	30.93	29.07	25.60	33.83
	0	0	0	0	0	0	0	0	0	0	0

1920. Wall 10ft. high. 15ft off. N.W.

edge. 40° " 14° 6° SSE

1927. New hedge 10ft. high 15ft. N.W.

1929. House hedge S.E.E.

Position of Station on reduced Ordnance Survey } No. of Map Reference No.  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1920.	52° 15' 29"	2° 23' 0"	Newport (Astley)	1050 ft.	E.	Church A	175 ft. S.E.

## RAINFALL at Newport (Aston Hall)

County of Shropshire..... Observer G. R. Lester

River Basin Severn - Left Banks 4

Type of Gauge.....

Annual Average 27.7 in. based on 24 years obs. unweighted. Period of average 1881-1915 Ref. S.

Diameter	5											Means
Height	0.11											
Altitude	280											
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	Means
January	2.00	2.64	1.55	2.26	1.10	3.19	2.86	2.66	5.99	2.56		
February	2.14	1.16	3.18	.51	2.51	1.70	3.93	.53	1.23	2.32		
March	2.23	1.77	2.48	1.89	.64	1.84	1.96	.52	1.45	2.24		
April	4.55	3.03	1.03	2.59	3.45	1.77	2.05	.08	2.01	3.17		
May	4.12	5.15	1.21	1.07	.82	1.10	3.35	1.65	.87	2.88		
June	4.53	.53	1.88	1.20	2.72	4.60	1.23	1.50	1.59	.94		
July	2.85	3.64	1.96	1.15	.67	4.03	3.11	3.21	5.47	3.15		
August	4.12	1.75	1.13	2.55	1.26	.97	.90	3.20	1.83	.40		
September	2.90	1.89	.76	1.71	3.12	3.59	2.51	1.22	.57	1.12		
October	.87	4.61	4.16	3.02	4.19	1.40	2.49	3.11	3.48	3.49		
November	4.15	1.86	.85	1.97	4.47	2.69	1.63	3.03	3.98	6.72		
December	1.10	1.05	.37	3.83	2.55	2.24	2.95	2.75	1.95	1.80		
TOTALS	33.56	29.08	20.56	23.75	27.50	29.12	26.87	23.46	29.36	30.79		
	D	D	D	D	D	D	D	D	D	D		

1931 Hedge 10 high 15' N.W. Hedge 4' 6" high 11' S.

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		Parish Church.	Distance from gauge	
				yds.	Direction			
1931.			Newport Salop	1050	E.	Church Aston	175 yds	S.E.

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

Station No.....

2303

RAINFALL at Newport (Aston Hall)County of Shropshire

Observer

Col. R. LytheRiver Basin Severn - Left Bank - 4

Type of Gauge.....

Annual Average 27.1 in. based on 24 years obs. unweighted. Period of average 1881-1915 Ref. SFile No. 1942

Diameter	<u>5"</u>										
Height	<u>0' 11"</u>										
Altitude	<u>280'</u>										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.38	2.34									
February	2.95	1.05									
March	2.29	1.90									
April	1.07	1.21									
May	2.76	3.20									
June	1.63	.48									
July	2.56	2.48									
August	3.19	1.76									
September	.68	2.69									
October	2.64	2.06									
November	2.72	.77									
December	1.61	2.84	X								
TOTALS	26.43	22.78	NR	NR	NR						
	D	D									

1941 Hedge 10' high 15' N.W. Hedge 4' 6" high 15'. S.

1946 Hedge 10' high 15' N.W. Hedge 4' 6" high 15'. S.

1910 - 19 1920 - 30 1931 - 40 1941 - 50

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✓

41, 42 T42

Short - 18

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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
1941			Newport, Shropshire	10.50 y.	E.	Church Aston	17.5 y. S.E.