

RAINFALL AT *Newport Agricultural College* *Horton Adams*Lat. Lon. County of *Shropshire*Rain Gauge, by *Phillips & Co., Birmingham* Observer *P. Hedworth Boulton Esq.*Season - *4* -

Diameter ..				<i>5</i>							
Height				<i>10</i>							
Altitude ..				<i>210</i>	<i>220</i>						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				<i>1.54</i>	<i>1.69</i>	<i>.63</i>	<i>3.04</i>	<i>1.80</i>	<i>1.11</i>	<i>1.23</i>	
February ..				<i>1.36</i>	<i>2.86</i>	<i>.64</i>	<i>1.58</i>	<i>.94</i>	<i>1.26</i>	<i>.51</i>	
March				<i>3.30</i>	<i>3.30</i>	<i>2.85</i>	<i>1.47</i>	<i>.91</i>	<i>2.59</i>	<i>2.13</i>	
April				<i>1.32</i>	<i>1.32</i>	<i>1.54</i>	<i>1.60</i>	<i>1.29</i>	<i>2.12</i>	<i>1.72</i>	
May				<i>2.35</i>	<i>1.96</i>	<i>.77</i>	<i>1.86</i>	<i>3.05</i>	<i>2.21</i>	<i>.84</i>	
June				<i>1.47</i>	<i>.79</i>	<i>1.94</i>	<i>2.29</i>	<i>3.35</i>	<i>2.32</i>	<i>2.46</i>	
July				<i>2.50</i>	<i>1.75</i>	<i>1.56</i>	<i>.62</i>	<i>3.58</i>	<i>3.16</i>	<i>3.78</i>	
August				<i>4.24</i>	<i>3.96</i>	<i>4.68</i>	<i>3.02</i>	<i>2.41</i>	<i>2.70</i>	<i>2.54</i>	
September ..				<i>4.19</i>	<i>1.53</i>	<i>.85</i>	<i>1.14</i>	<i>.95</i>	<i>2.09</i>	<i>2.21</i>	
October				<i>4.72</i>	<i>.54</i>	<i>1.22</i>	<i>4.39</i>	<i>4.41</i>	<i>1.57</i>	<i>3.72</i>	
November ..				<i>2.41</i>	<i>1.09</i>	<i>2.55</i>	<i>2.30</i>	<i>2.21</i>	<i>1.68</i>	<i>.63</i>	
December ..				<i>1.44</i>	<i>1.72</i>	<i>.59</i>	<i>2.22</i>	<i>1.78</i>	<i>2.03</i>	<i>3.66</i>	
TOTALS ..				<i>30.84</i>	<i>22.51</i>	<i>19.82</i>	<i>25.53</i>	<i>26.68</i>	<i>24.74</i>	<i>25.48</i>	

*Edgmond Church 1/2 mile S**Newport Station 2 1/2 " SE**1905 Nothing within 100 yards**1906 July 25 gauge moved 5 yards SE*

RAINFALL at Newport Agricultural College House AdamsCounty of Shropshire Observer P. Hedworth Foulkes EsqRiver Basin Severn - Left Bank Tributaries 4Rain Gauge, by Hammill & Co. L. Bham

Diameter ...	5											
Height	1 0											
Altitude ...	220											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	1.75	.34	2.81	2.91	1.16	2.95	.84	2.19	1.34	2.24		16.61
February ...	2.08	1.28	.80	.95	1.63	2.16	3.28	1.14	1.16	2.04		7.62
March .....	.34	1.23	3.38	4.03	1.88	.76	2.91	2.13	1.36	4.28		10.68
April	1.88	.76	.15	2.76	.74	1.25	.87	1.28	1.90	1.45		5.50
May	2.19	.55	1.91	2.28	1.31	2.30	2.14	3.45	3.21	.68		9.48
June	1.71	2.10	4.48	.94	1.58	1.26	1.68	2.26	.85	1.15		5.94
July	2.78	.23	2.21	1.07	3.23	6.58	1.70	1.31	3.03	2.09		8.13
August	3.66	1.94	5.79	2.22	2.61	2.79	3.03	5.28	1.53	2.20		12.04
September ..	.42	1.69	1.20	1.56	1.32	1.02	1.11	1.23	5.56	2.25		10.15
October ...	2.33	2.11	2.32	3.38	1.27	1.75	3.26	4.26	1.44	3.15		12.11
November ..	3.83	2.52	2.46	1.76	2.76	2.27	1.40	1.83	1.44	1.53		6.20
December ...	3.96	3.69	2.05	1.14	5.83	3.67	1.74	1.17	2.88	3.10		8.89
TOTALS ...	26.93	18.44	29.56	25.00	25.32	28.76	23.96	27.53	25.70	26.16		103.35
	2	2	2	2	2	2	2	2	2	2		103.35

nothing within 100 yds

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.46.40	2.25.30	Newport	3 m	SE	Edmund	1/2 m	S

RAINFALL at *Norfolk Agricultural College*

County of *Shropshire*Observer *R. Hedworth Foulds, Esq.*River Basin *4 - Severn.**C. Crowther (1922)*Rain Gauge, by *R. Hayes & Co.,*
Bham.

Diameter ...	5"											
Height	1.0											
Altitude ...	220											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means:	
January ...	3.18	1.97	3.23	1.42	2.04	1.48	1.87	1.57	3.26	1.35	4.20	Totals. 25.57
February ...	2.14	.25	1.84	4.36	.71	3.10	1.84	1.39	2.50	.66	.35	18.94
March	2.19	1.04	1.99	1.33	.94	.83	.48	2.02	1.60	.46	3.29	16.17
April	4.54	1.50	1.98	1.83	2.43	1.20	1.93	1.42	1.04	.60	2.33	20.80
May	2.81	1.85	1.14	2.58	4.77	3.25	3.08	1.07	1.20	1.92	2.01	25.68
June	2.87	.35	.73	.57	2.31	.04	1.25	4.53	3.18	1.62	1.10	18.55
July	4.80	.74	3.98	3.39	3.76	3.81	1.97	2.12	1.48	1.81	4.87	32.72
August	1.63	3.34	3.09	3.04	2.96	2.07	2.25	4.13	2.69	2.30	2.73	30.23
September...	2.23	.53	2.71	1.74	3.49	3.90	1.23	2.88	1.09	.83	2.93	23.56
October.....	2.94	2.53	.52	3.34	3.31	2.97	1.76	1.96	4.26	3.66	3.33	30.58
November...	.76	2.13	1.03	1.87	1.25	1.69	4.45	2.99	3.34	5.01	3.04	27.56
December...	2.04	1.83	3.06	3.35	2.14	1.60	.75	1.46	2.03	4.20	3.02	25.48
TOTALS.	32.13	18.06	25.30	28.82	30.11	25.94	22.86	27.54	27.47	24.42	33.20	295.85
	D	D	D	D	D	D	D	D	D	D	D	1446

1920. "nothing within 100 yds."

1921. Considered for W.D.

Pavement bridge 4 ft high 26 yds. 1921.

June 60 ft high 26 yds. 1921.

1922. 45 ft high 25 yds. S.

24/1/22 move 400 yds SE.

1929 Inspected 25th April Cause rather overexposed. Turf wall erected July 1929.

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
1920	52° 10' N	2° 45' W	Norfolk	2 m	S.E.	Folymund	1/2 m	S.

RAINFALL at Newport (Harles Adams
(Agricultural College)) M.W.R.

County of Denbighshire Observer The Principal

River Basin Dee - Left Bank - 4

Type of Gauge H

Annual Average 24.8 in. based on 21 years obs. ~~un~~-weighted. Period of average 1861-1975. Ref. S

Diameter	5											
Height	1 0											
Altitude	211											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.99	2.70	1.55	2.27	1.04	3.00	2.59	2.13	5.06	2.39		24.72
February	2.12	1.13	3.31	1.38	2.49	1.83	3.49	1.54	1.10	2.24		17.63
March	3.0	1.73	2.42	1.65	1.63	2.05	1.82	1.46	1.35	2.20		14.61
April	4.09	2.76	1.91	2.33	3.08	1.45	1.98	1.10	1.77	4.07		22.54
May	4.09	4.32	1.29	1.08	1.93	1.91	2.84	1.44	1.94	2.56		20.40
June	3.97	1.43	1.78	1.19	2.63	4.09	1.17	1.58	1.85	1.44		20.13
July	2.51	3.64	1.72	1.62	1.56	4.43	3.01	2.49	6.25	3.40		29.6
August	4.90	1.75	1.78	2.23	1.25	1.90	1.99	2.98	1.50	1.31		17.59
September	2.81	1.76	1.67	1.57	2.96	3.31	2.27	1.46	1.51	1.27		18.59
October	1.82	4.06	4.08	2.15	3.54	1.41	2.60	3.14	3.15	3.43		28.38
November	4.05	1.89	1.95	2.05	4.37	2.62	1.47	2.94	4.17	5.97		30.48
December	1.09	1.92	1.35	3.62	2.20	2.07	2.99	2.75	1.88	1.81		19.68
TOTALS	32.74	26.09	19.81	22.14	25.68	28.07	27.22	22.01	29.53	31.09		246.38
	D	D	D	D	D	D	D	D	D	D		444

Inspected 30/5/34 O.K.

> 24.6.37 Surf wall has been modified to agree inspection. Small leak in g. repaired.

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

Station No. 2304

(152)
MWRRAINFALL at Newport (Harper Adams Agri. College) ✓ 41County of Shropshire Observer The PrincipalRiver Basin Severn - Left Bank - 4Type of Gauge Inc.Annual Average 24.8 in. based on 21 years obs. ~~un~~weighted. Period of average 1881 - 1915 Ref. S

File No.

Diameter	5"				432	251						
Height	1'0"					1						
Altitude	211'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.62	2.74	4.28	2.60	2.61	2.47	1.74	3.87	1.77	.37		Totals 25.27
February	2.92	1.11	1.00	1.36	1.84	2.56	1.21	.94	.63	3.54		17.13
March	2.26	1.83	1.02	.63	1.11	.81	4.42	.98	1.88	.82		15.76
April	1.06	.82	.92	1.45	1.22	1.33	1.76	1.20	1.79	2.42		13.97
May	2.63	3.05	2.73	.73	3.17	2.28	1.98	1.23	1.74	1.14		20.68
June	1.63	.45	1.74	1.92	2.21	2.34	.84	2.69	.77	1.20		15.79
July	2.25	2.22	2.33	2.21	1.14	2.47	3.83	1.75	1.36	2.66		22.2
August	3.19	1.66	1.78	3.45	4.29	4.79	.81	3.71	1.66	3.50		28.94
September	.76	1.28	4.12	3.74	1.85	4.51	1.15	2.22	.39	4.00		24.92
October	2.59	2.29	2.76	3.46	4.18	.52	.69	1.71	3.73	1.15		23.08
November	2.60	.68	2.09	4.29	.79	4.17	1.76	1.42	2.21	3.07		23.08
December	1.58	2.51	1.53	1.80	2.53	2.32	1.72	3.13	1.47	2.05		20.14
TOTALS	26.09	20.84	26.30	27.14	26.94	30.57	21.91	24.87	19.40	26.92		249.98

1960. Impacted 8/8/50 by F.H. 810. Rain gauge up. New gauge sent and new site recommended.
 1960 Station moved bet 60. Gauge possibly sheltered by trees.

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

BRITISH RAINFALL ORGANIZATION

Station No. 2324

(MNR) (152)

RAINFALL at Newport (Harper Adams Agric. College)

51

County of Shropshire Observer The PrincipalRiver Basin Severn - Left Bank - 4Type of Gauge M. D. 4511/49. Name 4-170/37Annual Average 24.8 in. based on 21 years obs. un-weighted. Period of average 1881-1915 1916-1950 1915
26.10 " " 35 " " 1916-1950 P

File No.

Diameter ...	5"				432	251						
Height ...	1' 0"					1						
Altitude ...	211'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	1.78	2.46	.66	1.39	2.48	2.31	1.50	1.60	2.86	4.29	21.33	
February ...	2.26	.65	1.67	2.10	1.37	.49	1.54	3.38	.28	1.69	15.43	
March ...	4.28	1.69	.85	1.89	2.87	.97	1.80	.87	1.95	1.39	18.56	
April ...	1.93	1.72	2.67	.52	1.06	1.87	.41	.38	3.40	1.06	14.51	
May ...	3.42	2.43	2.15	1.89	4.37	1.00	1.16	1.91	.99	1.66	20.98	
June ...	2.20	2.10	2.35	2.33	2.38	2.66	1.80	3.64	1.72	2.00	23.22	
July ...	1.60	.58	2.45	3.33	.67	2.14	5.52	7.46	1.31	2.97	27.63	
August ...	3.35	2.24	2.07	3.82	1.85	4.66	4.87	4.07	1.01	3.40	31.23	
September ...	1.85	1.61	2.53	1.49	2.15	2.27	4.34	3.58	.31	4.96	25.09	
October ...	.93	3.45	2.00	4.46	1.09	1.99	1.99	2.37	2.49	4.13	24.90	
November ...	4.85	1.81	1.36	4.60	1.63	.75	1.70	1.80	3.11	3.71	25.32	
December ...	2.34	2.58	.90	2.33	1.97	2.32	.97	2.56	3.79	2.64	22.40	
TOTALS ...	30.79	23.32	21.66	30.15	23.78	22.81	27.60	33.37	23.22	33.90	270.60	
	D	D	D	D	D	D	D	D	D	D	D	

Imp. 11/2/53 Site unsatisfactory. Grounds N. compared to N.W. the ENE & 2 W dmp - 6 ft S.W. low
principal station site chosen 3/20 a few years ago. Refused to consider change.

1958:- Inspected. Mr. W. H. Hogg 12.2.58. Site sheltered to E. Move 30-40 ft. S.E. recommended, tallest
trees would then be at less than 26' elevation

1959 - Imp. 3.4.59 Mr. W. H. Hogg - 8 ft high site change since last imp. Satisfactory.

712204

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference SS(33) 712204

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

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - accepted

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