

RAINFALL AT Wetbury
Shropshire

Observer Mr. H. J. Studdert, looked new

Rain { By.....

Gauge } Diameter..... 5..... in.

Height above Ground,..... ft. 9..... in.

Above Mean Sea Level 245 ft.

January - 1.

YEAR.....	1869	MEANS.
January.....	2.96	
February	2.10	
March	1.50	
April.....	1.59	
May	4.88	
June.....	1.19	
July85	
August.....	2.19	
September.....	5.04	
October.....	2.26	
November.....	2.82	
December.....	2.90	
TOTALS	(25.00)	30.08

1868 very rough estimate 912

1869 May 26th 1.63 fell between 2.30 p.m. & 8 p.m. on the 25th
 Canal bank burst. meadows inundated at Market Drayton

RAINFALL AT *Norton-in-Hales**Fredk. Silver**Market Drayton**Salop.*Rain \int By.....

Gauge Diameter..... in.

Height above Ground, ft. $\frac{1}{4}$ in.Above Mean Sea Level, 325^{ft} .

Seven - 1.

YEAR.....	1866	1867	1868	1869	MEANS.
January	2.48	3.01	1.52	2.45	
February	1.72	.90	1.59	2.48	
March	1.44	1.57	1.79	1.03	
April82	1.57	1.03	1.65	
May	1.46	1.47	1.20	4.98	
June	3.95	1.81	.42	.80	
July	2.16	3.29	.20	.61	
August	5.98	.98	2.42	1.64	
September	6.47	2.33	1.80	4.92	
October	1.86	3.40	2.47	1.89	
November	1.41	1.66	1.54	1.94	
December	1.49	2.40	4.38	2.96	
TOTALS	31.24	24.39	20.36	27.35	
	C	C	C	C	

RAINFALL AT Market Drayton Adderley Rectory

Lat..... Lon..... County of... Shropshire
Rain Gauge, by..... Observer Rev. Whelton Corkit

Money - £.

Diameter	5										
Height	9										
Altitude	254 ⁷	245 ⁷									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.66	1.33	4.16	2.62	2.25	3.67	1.63	3.98	2.53	1.77	2.560
February.....	1.10	3.01	2.53	1.92	1.94	1.19	2.64	2.64	1.44	3.14	2.055
March.....	1.83	1.22	2.85	3.03	1.09	1.59	2.35	2.75	1.70	1.94	1.735
April.....	1.60	2.61	3.36	1.74	1.39	1.51	3.13	2.11	2.03	2.81	2.029
May.....	1.56	1.72	2.00	2.21	1.56	1.76	1.63	2.42	5.43	2.49	2.178
June.....	1.99	2.70	5.96	1.95	1.64	2.70	3.39	3.18	3.63	5.34	3.048
July.....	1.37	3.87	5.16	3.08	1.68	4.96	2.36	5.61	1.08	3.43	3.260
August.....	1.52	1.89	3.16	3.12	3.26	2.60	3.23	4.46	6.03	6.62	3.519
September.....	1.66	1.59	3.72	2.35	3.30	3.47	5.13	2.89	2.84	2.40	3.235
October.....	+4.40	4.12	5.68	3.47	2.04	4.07	2.53	3.00	3.47	1.53	3.431
November.....	2.57	1.18	3.38	1.57	4.00	2.40	4.29	2.79	2.68	.83	2.559
December.....	2.25	1.75	4.30	1.67	2.82	1.53	4.53	2.69	2.28	1.04	2.286
TOTALS.....	22.51	29.94	6.26	26.03	25.97	28.45	35.84	38.52	33.04	32.34	31.895

C C C

1878 The distance of objects surrounding the gauge exceeds their height by several feet

B.N.E.

RAINFALL AT Market Drayton Norton-in-Hales

Lat..... Lon..... County of Shropshire.....

..... Rain Gauge, by..... Observer Rev. R. Hibberd.....

Seven - 4.

Diameter	8										
Height	1										
Altitude	335										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.63	1.44	4.04	2.34	2.27	1.85	1.83	4.04	2.47	(1.86)	2.376
February.....	1.10	2.36	3.13	.69	2.41	1.09	2.72	2.63	1.64	3.13	2.084
March.....	1.37	.89	1.84	3.45	1.01	.51	2.24	2.82	.71	.80	1.564
April.....	1.41	2.83	2.81	.69	1.47	.65	2.76	2.10	2.74	2.72	2.012
May.....	1.34	1.77	2.10	2.25	1.47	2.20	.99	3.00	6.31	3.46	2.489
June.....	- .62	2.48	5.40	2.40	.50	2.80	3.05	2.77	3.55	5.26	2.883
July.....	1.15	3.23	4.72	2.33	1.36	5.64	2.36	4.86	1.22	3.04	2.991
August.....	1.29	1.72	2.92	2.79	3.14	3.27	3.26	5.70	5.47	4.88	3.444
September.....	1.05	4.33	3.66	2.24	3.49	3.64	5.91	2.39	3.00	2.12	3.183
October.....	2.66	4.08	6.47	3.76	2.26	4.49	2.21	3.45	3.42	1.13	3.393
November.....	3.25	1.00	3.35	1.30	3.51	3.58	4.42	2.76	2.43	.90	2.650
December.....	2.00	1.49	4.16	.66	2.49	1.09	5.15	3.07	2.32	1.06	2.349
TOTALS	18.87	27.62	44.60	24.78	25.38	30.81	36.90	39.59	35.28	(30.38)	31.418
	C	C	C								

1878 The gauge stands on an open lawn no tree is near & buildings are about 40 yds dist:

Norton-in-Hales church 50yds SW.

RAINFALL AT *Market Drayton*, Adderley

80

Lat.

Lon.

County of

Salop

Rain Gauge, by

Observer

Rev. A. Corbet

Masonry, lower - 8.

Diameter	5										
Height	9										
Altitude	2408										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	29	37	2.12	3.78	1.99	1.78	3.83	2.36	1.18	.50	1.820
February	2.40	3.27	2.26	2.03	1.66	2.32	1.04	.87	.73	1.78	1.836
March	1.40	2.70	1.79	1.09	2.45	1.62	2.63	1.72	2.13	2.15	1.968
April	1.77	.66	2.96	.80	1.50	2.41	1.69	.72	1.18	3.38	1.697
May	2.53	1.64	1.83	1.31	1.14	1.94	6.31	1.73	.76	2.61	2.180
June	3.68	2.30	4.58	2.70	2.16	3.65	1.20	1.61	2.27	.67	2.482
July	7.62	2.25	3.57	2.63	2.49	.53	3.09	1.06	5.57	3.03	3.184
August	2.31	3.53	2.62	1.58	1.74	1.72	1.52	1.81	4.00	4.64	2.547
September	2.76	1.79	2.09	3.66	1.76	3.68	2.67	2.78	1.04	3.01	2.524
October	4.88	2.44	4.62	3.04	1.16	4.60	4.78	3.27	.98	2.62	3.239
November	3.03	2.16	4.74	3.20	1.75	3.35	2.23	1.17	4.51	1.28	2.742
December	4.15	3.36	4.09	1.26	1.85	1.33	3.94	1.72	2.10	1.98	2.578
TOTALS	36.82	26.47	37.27	27.08	21.65	28.93	34.83	20.82	26.45	27.65	28.797

1880. Adderley

1/2 mile

S.W.

Wall 7 ft. high 13 ft. NW

✓ indicates entered correct day (see note at beginning of this book.)

RAINFALL AT Adderley Rectory

Lat.

Lon.

County of

Shropshire

Rain Gauge, by

Observer

Rev A Corbet

Mersey, Weaver - 1.

Diameter	5										
Height	0 9										
Altitude	290 T									277	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.23	1.71	2.68	1.24	2.32	3.28	1.19	1.19	1.32	3.97	2.213
February59	.08	1.70	2.85	2.00	.13	1.11	2.22	2.11	1.64	1.443
March	1.35	1.41	.98	.45	1.15	2.85	2.97	2.18	.79	1.39	1.552
April	1.11	2.71	1.24	.40	1.44	2.02	1.12	2.11	1.27	2.68	1.610
May	2.41	3.43	3.24	1.93	2.67	.86	.54	1.46	3.31	2.96	2.281
June	2.53	3.18	3.17	1.71	2.43	1.39	2.81	3.36	2.06	2.08	2.452
July	3.00	2.03	2.51	2.53	2.60	3.64	1.87	.73	1.17	1.78	2.186
August	3.17	4.69	2.66	1.62	2.48	3.21	3.05	2.70	4.23	1.50	2.931
September	1.10	3.44	3.55	2.28	.22	.47	3.60	2.86	.91	2.71	2.114
October	2.06	4.33	5.34	1.79	3.07	2.38	3.15	1.32	3.33	3.39	3.016
November	5.81	2.42	2.03	1.51	2.23	2.56	1.49	2.47	1.80	1.32	2.364
December60	3.68	2.53	3.41	2.13	2.21	3.14	2.55	2.80	2.23	2.528
TOTALS	26.76	33.11	31.63	21.72	24.74	25.00	26.04	25.15	25.10	27.65	26.690

1892 Adderley 1/3 of a mile W

wall 12 ft high 20ft S

1892-

1900 Jan. 2.85, Feb. 2.59, Mar. 1.28, April 1.09, May 1.61.

June 2.09, July 2.20, Aug 5.17, Sept 1.85. #

RAINFALL at Norton-in-Hales School House

County of Shropshire Observer C Chadwick Esq.

River Basin Severn Leftbank Tributary

Rain Gauge, by Arnold & Son

Diameter ...						5					
Height						1.3					
Altitude ...						350					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				3.81	1.95	2.98	.88				
February ...				1.07	2.13	2.73	3.82				
March				4.30	2.95	1.41	2.55				
April				4.18	.80	1.27	1.38				
May				1.87	2.38	2.46	2.43				
June.....				2.58	2.01	1.03	1.90				
July				1.09	4.16	6.07	1.88				
August.....				2.79	5.32	4.84	1.76				
September ..				1.75	1.75	.51	1.76				
October ...				2.70	1.52	1.89	4.54				
November..				2.45	3.40	3.06	2.48				
December...				1.62	7.84	5.03	2.68	X			
TOTALS ...				30.21	36.21	34.28	27.96				

1915 Well 10.6 ft high 25 yards E 1913-14 rain 11.16 cm². XII-16
true 16-20 ft " 30 m + SW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
52.57	2.27		Norton-in-Hales	1/4 m	NW	St Chads	300 yds	NE

RAINFALL at Norton-in-Hales School

County of Shropshire

Observer G. Chadwick Esq.

River Basin Severn Left Bank Tribs 4

(1929) Howard Rain Gauge, by

Diameter ...	6"										
Height	20										
Altitude ...	350										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	2.78	4.17	2.43	2.43	2.74	2.54	2.17	4.82	1.69	4.37	
February ...	1.44	2.97	4.93	1.93	4.29	2.88	1.35	2.22	1.83	1.40	
March	1.60	2.59	1.72	1.13	1.35	1.59	2.48	1.92	1.53	2.99	
April	1.59	2.29	2.21	2.60	1.41	1.96	2.12	1.47	1.70	3.07	
May	1.68	1.87	4.76	4.61	4.23	3.45	1.75	1.86	1.84	2.30	
June	1.62	1.88	1.83	2.71	1.14	1.96	4.97	5.27	2.06	1.72	
July	1.08	4.25	3.36	5.06	3.15	3.04	2.56	2.10	2.75	7.18	
August	4.40	2.77	3.17	5.55	3.20	3.80	5.36	4.36	3.29	3.13	
September...	1.88	3.46	3.21	3.65	3.67	2.29	3.46	1.21	1.47	3.01	
October.....	2.65	1.54	4.16	4.15	3.81	2.11	2.18	3.40	4.63	4.32	
November...	1.94	1.22	1.99	1.77	2.13	5.55	2.78	4.40	5.67	3.38	
December...	2.65	4.97	4.49	1.66	2.06	1.88	1.56	2.79	4.55	3.59	
TOTALS...	22.21	30.98	37.26	38.25	31.58	31.05	32.74	35.82	30.01	39.46	
	D	D	D	D	D	D	D	D	D	D	✓

1921. Building 12 ft. High 20 ft. N.E.
12 " 30 " S.E.

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	Parish Church.	Distance from gauge
1921	52° 40' 2" N	2° 26' W	Norton-in-Hales	1/4 mi	N	St. Chad's	200 yds N.E.

RAINFALL at ADDERLEY (RAVEN HOUSE)

County of SHROPSHIRE

Observer MRS Edmond Browne

River Basin I - Mersey, Weaver

Type of Gauge SNOWDON

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter									5"		
Height									1'		
Altitude									270'		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January					1.09	3.69	2.88	3.15	5.59	2.11	
February					2.89	2.00	4.34	.48	1.69	2.19	
March					.58	2.24	1.77	.61	1.45	2.45	
April					2.96	1.43	2.36	.14	1.74	2.62	
May					1.08	.91	2.23	2.82	.99	1.72	
June					3.85	3.58	.91	1.93	1.64	1.10	
July					.35	4.25	2.01	2.97	9.37	4.21	
August					2.33	1.65	2.96	3.02	1.80	.39	
September					4.16	3.12	2.35	1.26	.70	1.90	
October					5.05	1.70	2.74	2.90	3.14	3.77	
November					4.59	2.78	1.12	2.71	3.16	6.80	
December					3.47	2.48	3.55	2.55	1.47	2.02	
TOTALS					32.40	29.83	29.22	24.54	33.34	31.26	

1930. Hut 30 ft away ENE - 14 ft high. Flower beds 6 ft high in summer 30' S.W. (i) Fence 5 ft high 45° W.N.W.
House 60 ft away ESE - 30 ft high

Back years 1935-38 received 21.8.39.

1940. Garden Hut 15' high, 30' N.E. House 30' high, 50' E.N.E. Flower bed, 3' high, 30' S.W. Fence 5' high, 45° W.N.W.

W.S. 2/8/43

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	Parish Church.	Distance from gauge.
1939.			Adderley	250 yds	E	Adderley	3/6 m

RAINFALL at Norton-in-Hales School

County of Shropshire Observer G. E. Bradwards

River Basin Severn - Left Bank - 4

Type of Gauge Howard

Annual Average 30.5 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. S.

026697/29

Diameter	S											
Height	1	3										
Altitude	350											
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	Means
January	3.12	2.85	1.67	2.32	1.27	4.51	3.43	3.82	6.03	2.24		
February	2.89	2.29	3.57	1.46	3.37	2.25	4.94	.67	2.07	2.49		
March	1.30	1.86	2.73	1.90	6.69	2.68	2.92	.84	1.91	3.09		
April	3.78	3.57	1.19	2.57	3.51	1.84	2.55	.16	1.86	3.39		
May	4.37	5.06	1.42	1.41	1.53	.95	2.54	3.55	1.24	1.51		
June	4.22	4.44	1.31	.80	3.95	3.93	1.14	2.16	1.86	1.30		
July	4.18	3.78	2.31	1.09	4.46	4.11	2.93	3.18	8.61	4.52		
August	5.64	1.83	1.36	2.93	1.56	1.81	2.61	3.02	2.26	.57		
September	3.37	1.79	.88	2.04	4.23	3.92	2.24	1.16	.84	2.55		
October	1.18	4.78	5.09	4.16	5.76	1.94	2.58	3.66	3.96	4.46		
November	4.97	2.43	1.58	2.25	5.32	3.18	1.27	3.71	4.85	7.48		
December	1.89	1.09	3.9	5.14	3.32	2.89	4.14	3.07	1.94	2.42		
TOTALS	39.91	29.57	23.50	27.07	34.97	34.01	33.19	29.00	37.43	36.05		

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	Parish Church	Distance from gauge
1931			Norton-in-Hales	4 m	N.	St Chads	200 yds N.E.

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

Station No. 2264/3

RAINFALL at Adderley (Raven House)

41

County of Shropshire Observer Mrs Edmond Browne

River Basin Teme - 1.

Type of Gauge Snowdon

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. A11413/39

Diameter	5'		552	329				5"		
Height	1' 0"				1	1	1	1'		
Altitude	270'				41			950'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1950	Means
January	2.02	2.42	4.58	2.90	1.95	2.21	1.62	4.42	1.54	.84
February	2.15	1.19	1.09	1.30	1.94	4.23	1.14	1.07	.91	4.45
March	2.42	1.80	1.22	.66	.84	.72	4.69	.69	2.28	1.11
April	1.21	1.00	1.14	1.38	1.13	.95	2.25	1.58	2.48	2.86
May	2.91	4.27	2.67	82	2.95	1.79	2.57	1.65	2.35	.95
June	.76	.64	2.22	1.77	2.60	2.48	1.29	3.27	.79	1.30
July	2.14	2.97	2.67	1.75	1.35	3.17	4.00	1.84	2.17	2.94
August	3.19	2.93	2.45	2.12	2.95	5.61	.46	3.58	1.68	5.37
September	.68	1.64	4.40	3.77	1.35	4.62	1.24	1.35	.69	4.25
October	2.89	2.31	2.42	3.56	5.23	.50	.45	1.67	2.92	1.13
November	2.91	.64	2.52	4.55	.50	4.01	2.22	1.68	2.45	3.14
December	1.42	2.62	1.44	1.39	2.32	2.96	2.27	3.45	1.97	2.48
TOTALS	21.60	24.43								
	D	D	28.82	26.57	25.11	33.25	24.20	26.25	29.23	30.82

1941 Garden Hst about 15' high 30' about N.E. House side wall about 30' high
 50' about E.N.E. Flower Bed 3' high in summer, 30' S.W. Fence 5' high
 45' .. W.N.W.

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
1941			Adderley	250 yds	E.	Adderley	3/8 m. S.E.W.

Station No. 233

41

RAINFALL at Norton-in-Hales School

County of Shropshire

Observer Chas. Chadwick Esq.

River Basin Severn-L.Bank-4

Type of Gauge Howard

Annual Average 30.5 in. based on 6 years obs. un-weighted. Period of average 1881-1916 Ref. 5

File No. 926697/19

Diameter	5"			430	915						
Height	1' 3"				1						
Altitude	350'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.96	3.24	5.21	3.31	2.04						
February	3.10	.98	1.34	1.54	2.05						
March	2.93	2.17	1.64	.96	1.06						
April	1.63	1.09	1.15	1.93	1.34						
May	3.15	4.34	3.32	1.06	3.44						
June	.89	.74	2.58	2.13	2.60						
July	2.76	3.51	2.85	2.12	1.12						
August	4.23	2.53	2.98	2.40	3.20						
September	.81	2.34	4.70	4.56	1.54						
October	3.52	2.74	2.80	4.42	5.50						
November	3.16	.73	2.91	4.46	.60						
December	1.79	3.17	1.73	1.39	2.72#						
TOTALS	31.12	27.58	33.21	30.68	27.21						
	7	7	7	7	7						

1920-30 1931-40 1941-50
745 745

c1921 ✓ 41-45

✓ 1/1st d39 ✓

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

Reference No. 33-702386

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941			Norton-in-Hales	74 m.	N.	Norton-in-Hales	150 yds. N.E.

Station No. 22643

51

RAINFALL at Adderley (Raven House)

County of Shropshire

Observer Mrs. Edmond Browne,

River Basin Mersey-Wye-1

Type of Gauge Standard

Annual Average in. based on years obs. un-weighted. Period of average Ref.

" " 28.73 " " 21 " " within 1935-56.

1936-55 File No. D.11413/39

Diameter	5"				552	329					
Height	1' 1"						1				
Altitude	270' 265'	250'					51				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.98	2.57	1.02	1.68	2.34	3.18	1.26	2.37	3.37	4.23	
February	2.06	.77	1.51	2.31	1.66	.62	1.92	3.41	.33	1.79	
March	4.38	1.09	.92	2.11	2.60	1.45	1.69	1.11	1.45	1.45	
April	1.51	2.27	2.65	.51	1.41	1.52	.23	.35	3.81	1.43	
May	2.58	1.48	2.03	2.67	2.84	.70	1.59	2.12	1.31	1.91	
June	1.19	2.11	2.02	2.73	2.95	2.73	1.88	3.79	1.87	2.28	
July	1.33	1.09	3.32	3.33	.34	3.19	6.77	3.23	2.01	3.26	
August	4.86	2.04	2.66	3.86	1.16	4.83	3.77	2.59	2.08	5.17	
September	2.18	2.15	2.29	1.53	2.94	2.33	6.17	3.72	.30	4.05	
October	.92	3.84	2.41	5.76	1.50	2.34	1.76	2.45	2.22	3.74	
November	5.20	1.68	1.83	4.95	1.55	1.37	1.62	1.87	2.87	3.22	
December	2.88	2.92	1.17	2.47	1.29	2.36	1.11	2.48	4.46	2.23	
TOTALS	30.57	24.01	23.83	34.01	22.57	26.52	29.76	29.40	26.01	34.76	
	D	D	D	D	D	D	D	D	D	D	

1951. Garden hut at 15' high at 30° N.E. flower bed 3'm. summit at 30° S.W. house about 50' at 50° E.N.E., fence 5' high at 45° W.N.W.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 33.66111.01...

Date.	Lat. N.	Leng.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Adderley	250'	N.E.	Adderley	3/4 mi. A.S.W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C 1935 D 39, 40	V V	