

RAINFALL AT *Ledbury Underdown* No. 1

Lat.

Lon.

County of *Herefordshire*

Rain Gauge, by

Observer

Capt. Archdale
*S. H. Bickham**Severn - 2.*

Diameter											
Height											
Altitude											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.10	1.22	2.42	3.49	2.51	2.13	4.16	2.30	.63	.62	2.058
February	4.27	3.38	1.62	3.73	2.34	3.55	.72	.63	.69	1.50	2.243
March .....	.56	1.71	1.91	.96	1.68	1.22	2.84	1.18	3.34	2.87	1.827
April	2.39	.66	3.43	1.22	1.93	2.54	2.17	1.16	1.77	4.65	2.192
May	1.20	1.45	2.54	1.09	1.05	2.49	5.53	1.70	1.00	3.05	2.110
June	4.00	2.80	2.70	3.36	3.42	2.80	1.20	2.71	3.04	.71	2.674
July	5.61	1.53	3.74	2.70	3.00	.25	2.70	.88	6.22	2.28	2.897
August .....	.37	4.22	2.27	.81	1.55	2.05	1.43	1.42	2.41	3.12	1.965
September	3.51	1.56	2.90	5.00	1.77	3.41	2.53	1.58	.78	1.79	2.082
October	4.77	2.28	5.46	2.81	1.09	3.48	4.58	2.11	.62	3.05	3.025
November	2.32	2.82	3.70	3.09	1.60	3.59	2.26	2.64	8.32	1.02	2.126
December	3.22	2.75	2.96	.90	2.56	1.22	4.32	2.04	2.42	1.67	2.406
TOTALS ...	33.32	26.38	35.65	29.16	24.50	28.73	34.50	20.35	31.24	26.33	2.9016

(annual totals)

Back years, 1880-1891 received about 1904

Monthly values used in vol. March 1923, & entered.

MET. OBS. STATION
RETROSPECTIVE

459798

NGR: 50(32) 716370

ALT: 307 ft = 93

metres. Date of entry 1910/78

RAINFALL AT Ledbury Underdown No. 2.

Lat. _____

Lon. _____

County of Hereford

Rain Gauge, by _____

Observer S. H. Bickham EsqSevern - 2.M

Diameter						5					
Height						1 0					
Altitude						306					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			1.79	2.11	1.87	3.70	.55	2.12	.52	3.87	
February			1.27	2.80	2.21	.25	.21	2.37	1.10	3.00	
March .....			.66	.25	.87	1.68	2.44	3.47	.60	.42	
April .....			.74	.05	2.14	2.46	.95	1.69	1.80	1.95	
May			1.56	1.53	2.74	.34	.39	.97	4.27	2.27	
June			2.08	1.43	1.67	1.28	1.60	2.07	.96	1.56	
July			3.09	1.95	2.55	2.26	1.27	1.63	.90	.87	
August			2.58	1.63	2.58	1.88	1.34	3.31	2.61	1.20	
September...			2.79	.67	2.90	.75	4.53	2.40	.36	2.50	
October.....			1.76	2.01	3.36	2.51	2.24	1.38	3.55	2.50	
November...			2.21	1.25	3.20	4.28	.68	1.85	1.87	2.00	
December ....			.92	3.05	2.03	2.15	2.80	2.76	2.56	3.05	
TOTALS			21.45	18.73	28.12	23.54	19.00	26.02	21.10	25.19	

1892 Not printed. Observer believes that evaporation occurs in summer

1893 Ledbury Church 1 Mile N

Shrub 15 ft high 54 ft W.N.W

MET. O.S. RAINMASTER
RETROSPECTIVE SITE REVIEW

459 799

NGR: 50(32) 716370

ATTN: 306 ft = 93 metres. Date of review

See previous page. for daily gauge

459798

RAINFALL AT Ledbury Underdown No. 1

Lat. _____

Lon. _____

County of Hereford

Rain Gauge, by _____

Observer S. H. Bickham EsqSevern - 2.

Diameter			5								
Height			1.0								
Altitude				307							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.80	2.13	1.85	2.13	1.88	3.84	.55	2.08	.54	3.89	2.169
February ....	.73	.05	1.35	2.81	2.30	.27	.26	2.44	1.15	3.07	1.443
March	1.17	1.55	.70	.28	.93	1.88	2.51	3.53	.66	.43	1.364
April .....	.93	1.92	.83	.07	2.21	2.44	1.00	1.79	1.88	2.09	1.516
May	1.57	3.68	1.78	1.61	2.80	.38	.42	.99	4.27	2.32	1.982
June	1.97	3.14	2.21	1.46	1.74	1.43	1.58	2.16	1.01	1.57	1.827
July	2.79	1.76	3.22	2.05	2.56	2.40	1.28	1.65	.93	.90	1.964
August	3.33	4.37	2.88	1.76	2.58	1.95	1.44	3.38	2.71	1.25	2.565
September....	1.15	1.31	2.99	.74	3.04	.74	4.72	2.37	.36	2.50	1.992
October	1.47	7.06	1.80	2.11	3.42	2.62	2.30	1.44	3.59	2.55	2.836
November....	1.94	2.86	2.31	1.25	3.18	4.37	.73	1.91	1.89	2.04	2.248
December	1.15	3.29	.94	3.15	2.11	2.23	2.86	2.88	2.58	3.07	2.426
TOTALS	21.00	33.12	22.86	19.42	28.75	24.55	19.75	26.62	21.57	25.68	24.332

1892 Ledbury Church 1 Mile N

Fence 5 ft high 21 ft S

(annual totals)
Back years 1880-1891 received 1904

Monthly values 1880-1891 read in ms. (continued) brand 1923

MET. O.S. RAINMASTER
RETROSPECTIVE SITE REVIEWHYD. STN.
NUMBER 459798

NGR: 50(32) 716370

ALT: 307 ft = 93 metres. Date of review 12/3/78

RAINFALL AT Ledbury Underdown No. 2

Lat.....

Lon.....

County of Hereford

Snowdon Rain Gauge, by.....

Observer S. H. Beckham Esq.

Sewn - 2. M

Diameter ..	5										
Height	1 0										
Altitude ..	3068										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.73	1.80	.70	2.91	2.37	1.14	4.08	1.30	.69	.93	1.965
February ..	5.52	1.03	1.17	1.60	4.10	.59	1.54	.92	.92	.46	1.785
March	1.19	1.83	1.32	3.20	1.36	3.34	.96	.42	3.15	2.98	1.975
April .....	.98	2.32	2.50	1.88	1.04	2.29	1.14	2.58	3.20	1.84	1.977
May	2.07	1.52	1.91	3.51	1.80	.43	2.28	2.70	1.26	.86	1.834
June	1.73	2.31	3.28	3.26	.50	3.04	3.10	1.67	1.50	1.81	2.220
July	2.35	2.98	.86	2.60	2.51	.94	.74	1.94	1.79	1.66	1.837
August	3.67	1.66	3.38	2.69	1.31	4.36	.92	2.18	2.95	1.94	2.506
September ..	.44	1.54	2.28	2.81	2.42	1.18	.68	.68	2.03	3.20	1.726
October	3.35	1.21	2.59	5.81	.44	1.51	4.80	7.05	1.42	3.38	3.156
November ..	2.36	.83	2.55	1.35	1.36	2.79	2.80	1.93	1.23	.85	1.805
December ..	5.08	4.12	1.32	1.47	1.80	.56	1.79	3.75	2.25	3.45	2.559
TOTALS ..	32.47	23.15	23.86	33.09	21.01	22.17	24.83	27.12	22.39	23.36	25.345

325

1900 Ledbury Church 1 mile N
Shrubs 15 ft high 54 ft W.N.W

H.W.B.

MET. OR RAINMASTER
RETROSPECTIVE SITE REVIEWHYD. STN.
NUMBER 459799NGR: Sd(32) 716370ALT: 306 ft = 93 metres. Date of revision 10/1/19

See prev. page for daily gauge

Inspected by H.R.M. 15.X.08. Perfect exposure on edge of lawn: wire
screen round g. Suggested interchanging with Symons'
daily g.

459798

RAINFALL AT Ledbury Underdown No. 1

Lat.

Lon.

County of Hereford

Symon's Rain Gauge, by

Observer S. H. Bickham Esq

Sewn - 2.

Diameter ..	5										
Height	10										
Altitude ..	307 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.66	1.83	.67	2.98	2.46	1.14	4.05	1.36	.76	.96	1.987
February ..	5.51	1.07	1.21	1.66	4.23	.62	1.57	.96	.97	.50	1.830
March	1.19	1.90	1.37	3.29	1.44	3.44	1.01	.39	3.20	3.08	2.031
April	1.05	2.35	2.44	1.78	1.13	2.30	1.17	2.53	3.25	1.90	1.990
May	2.13	1.57	1.94	3.61	1.83	.41	2.38	2.71	1.31	.92	1.881
June	1.79	2.37	3.27	3.31	.64	3.10	3.19	1.74	1.51	1.91	2.283
July	2.35	3.19	.89	2.65	2.66	.93	.76	1.96	1.85	1.71	1.895
August	3.53	1.72	3.37	2.84	1.40	4.52	.94	2.24	3.08	2.05	2.569
September ..	.40	1.64	2.35	2.85	2.63	1.24	.70	.70	2.08	3.30	1.780
October	3.42	1.22	2.64	5.89	.45	1.54	1.90	7.08	1.47	3.50	3.211
November ..	2.35	.88	2.57	1.37	1.42	2.76	2.81	2.90	1.23	.92	1.831
December ..	5.04	4.09	1.40	1.54	1.85	.58	1.85	3.89	2.31	3.50	2.605
TOTALS ..	32.42	23.83	24.12	33.77	22.14	22.58	25.33	27.56	23.02	24.25	25.002

1900 Ledbury Church 1 mile N
Wall 5 ft high 21 ft S

MET. O.S. RAINMASTER
RETROSPECTIVE 1910-1911

459798

NGR: 50(12) 716370

ALT: 307 ft = 93 metres. Date of rain 12/9/78

Inspected by H.R. M. 15. X. 08. On small side lawn. Exposure perfect.

Suggested interchanging with Snowden monthly g.

RAINFALL at Ledbury Underdown No. 1County of HampshireObserver S. H. Brickham EsqRiver Basin Severn-Right Bank Tributaries 2

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	307 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.56	.72	4.47	4.42	.71	3.00	.84	1.53	2.42	3.15	
February ...	3.21	1.41	1.79	1.04	1.95	3.45	4.40	1.73	.93	3.22	
March .....	.72	1.88	4.02	4.92	2.68	.78	3.96	2.66	1.59	4.61	
April	2.02	.99	.17	3.76	1.43	.90	1.05	1.32	2.71	1.83	
May	1.72	.80	2.76	2.46	1.28	3.91	2.94	3.67	1.55	.62	
June	3.18	1.21	5.28	.96	3.28	1.22	1.80	2.14	.71	.95	
July	1.83	.21	4.50	.72	3.37	6.34	1.75	1.29	2.39	2.85	
August	6.12	1.11	8.54	1.22	1.03	2.85	3.92	6.01	1.55	2.11	
September ..	.51	1.32	.87	3.02	1.14	.81	.97	1.97	5.37	1.30	
October ...	3.59	2.21	3.33	6.10	1.73	4.88	3.86	2.49	1.17	2.58	
November ..	4.25	2.86	1.50	2.51	2.94	1.66	2.80	.91	1.86	1.44	
December ...	5.90	6.86	2.95	1.01	5.27	4.66	2.10	.75	2.30	3.41	
TOTALS ...	35.61	21.58	40.18	32.14	26.81	34.46	30.39	26.47	24.55	28.07	30.026
	D	D	D	D	D	D	D	D	D	D	

MET. O.S. RAINMASTER
RETROSPECTIVE SITE REVIEWHYD. STN.
NUMBER 459798NGR: 50(32) 716 370ALT: 307 ft = 93 metres. Date of review 12/2/78

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.155N	2.25.0W	Ledbury	1/2 m	E	Ledbury	1/2 m	E

RAINFALL at Ledbury Underdown No. 2County of HampshireObserver S. H. Bickham EsqRiver Basin Severn - Right Bank Tributaries 2

Rain Gauge, by _____

M

Diameter ...	5										
Height	10										
Altitude ...	306 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.50	.67	4.60	4.30	.64	3.03	.85	1.46	2.38	3.14	
February ...	3.13	1.31	1.65	.96	1.78	3.35	4.31	1.60	.87	3.18	
March .....	.70	1.75	3.90	4.72	2.57	.77	4.08	2.56	1.53	4.47	
April	1.95	.89	.08	3.51	1.35	.93	.99	1.30	2.68	1.86	
May	1.70	.75	2.70	2.38	1.20	3.88	2.93	3.76	1.50	.55	
June	3.12	1.11	5.15	.90	3.15	1.23	1.72	2.10	.62	.97	
July	1.76	.17	4.42	.67	3.50	6.24	1.74	1.19	2.26	2.70	
August	6.01	1.15	8.42	1.16	.86	2.80	3.85	5.87	1.50	2.03	
September ..	.48	1.26	.84	2.95	1.15	.76	.94	1.97	5.39	1.30	
October ...	3.60	2.11	3.23	6.09	1.66	4.85	3.93	2.40	1.07	2.58	
November ..	4.20	2.76	1.48	2.53	2.95	1.65	2.68	.85	1.83	1.42	
December ...	5.75	6.90	2.85	.96	5.10	4.58	2.13	.70	2.19	3.30	
TOTALS ...	34.90	20.83	39.32	31.13	25.91	34.07	30.15	25.76	23.81	27.50	

MET. O.S. RAINMASTER
RETROSPECTIVE SITE REVIEWNO. SIN
459799NGR: SD(32) 116310ALT: 306 ft \approx 93 metres, Date of review 13/9/78

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.1.55	2.25.0	<u>Ledbury</u>	<u>1 1/2</u>	<u>N</u>	<u>Ledbury</u>	<u>1</u>	<u>N</u>

RAINFALL at Ledbury (Underdown) No. 2County of HerefordObserver L. H. Bickham, Esq. F.R.S.River Basin 2 - Severn.1921 Shrewsbury Rain Gauge, by Vertically

Diameter ...	5										
Height	10										
Altitude ...	306										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.30	2.63	3.95	1.06	3.72	1.90					
February ...	5.53	2.22	2.67	5.65	4.1	3.49					
March	2.55	1.04	2.62	1.28	1.33	.39					
April	4.30	.80	2.60	2.56	2.87	2.15					
May	1.50	1.16	.86	1.47	5.95	2.97					
June	2.54	.65	.65	3.34	3.07	.00					
July	3.39	.35	4.02	4.10	4.21	2.44					
August .....	.73	2.68	2.57	1.80	3.42	2.16					
September...	1.93	1.20	2.02	1.82	5.12	4.02					
October	2.47	1.37	.40	5.09	3.84	2.90					
November...	.56	1.87	1.13	1.31	2.58	1.52					
December...	2.51	1.19	3.85	1.95	2.72	1.90					
TOTALS...	26.31	15.16	27.34	28.43	39.24	17.4					
	M										

1921. Shrub 15 ft. high 18 yds WNW.

1923 Not printed - check g.

1924 N.P. - check g.

1925 Not printed - check gauge.

METEOROLOGICAL
RETROSPECTIVE SITE REVIEW1921 SIN.
NUMBER 459799

NGR: 50(32) 716370

ALT: 306 ft = 93 metres. Date of revision 19/9/78

Position of Station on reduced Ordnance Survey }
Map, 2 miles 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
from first sheet.	51° 53' 22" N		Ledbury	1 1/2 m.	W	Ledbury	1 m.	N.

RAINFALL at Ledbury (Underdown) No. 1County of HerefordObserver S. H. Bickham Esq.River Basin 2 - Severn~~Snowdon~~ Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	307										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1931
January ...	3.45	2.62	3.96	1.11	3.79	1.99	3.40	3.20	4.21	1.21	4.60
February ...	56	23	2.67	5.66	4.2	3.47	2.07	2.83	2.11	.68	.68
March	2.71	1.09	2.63	1.21	1.37	4.2	3.8	2.20	3.67	.11	2.61
April	4.39	.87	2.63	2.61	2.87	2.14	2.48	1.29	1.23	.75	3.70
May	1.58	1.24	.95	1.50	6.01	3.04	2.99	.98	.92	1.90	2.19
June	2.56	.72	.74	3.9	3.13	.00	1.31	3.32	2.48	1.33	1.70
July	3.45	.40	4.12	4.05	4.22	2.50	2.25	3.40	1.38	1.90	3.05
August .....	.79	2.69	2.59	1.81	3.45	2.22	2.88	4.98	2.35	1.22	2.88
September...	1.96	1.21	2.02	1.86	5.10	4.08	.83	4.90	.92	.55	3.27
October.....	2.51	1.32	.43	5.17	3.81	2.97	2.60	2.08	5.20	4.21	2.59
November...	.58	1.91	1.12	1.36	2.60	1.52	6.55	3.08	2.36	8.50	3.49
December...	2.59	1.25	3.88	1.98	2.83	3.25	.57	2.28	2.50	6.39	3.36
TOTALS...	27.13	15.55	27.74	28.81	39.60	27.60	28.31	34.54	29.33	28.75	34.12
	D	D	D	D	D	D	D	D	D	D	D

1921. Well 5 ft. high 740 S.

MET. G.S. RAINMASTER
RETROSPECTIVE SITE REVIEWHYD. STN.
NUMBER 459758NGR: 50(32) 116370ALT: 307 ft. = 93 metres. Date of review 12/7/78Position 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° 53' - 25" 0		Ledbury	1 1/2 m.	N.	Ledbury,	1 m.	N.

RAINFALL at Ledbury (Underdown) No. 1County of Hereford Observer D. H. Bickham Esq.River Basin Severn - Right Bank - 2. HerefordType of Gauge M.O.Annual Average 27.1 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. 1881

700119/26

Diameter	5										
Height	1.0										
Altitude	307										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.11	2.80	1.92	2.43							
February	1.93	1.18	3.04								
March	3.30	1.93	2.23 1.39								
April	3.28	3.09	#								
May	3.50	6.04	2.62								
June	3.44	1.31	3.14								
July	3.77	2.26	1.96								
August	4.78	2.59	0.59								
September	2.02	3.31	2.29								
October	1.67	4.41	3.52								
November	3.98	1.64	0.40								
December	1.07	1.29	0.57								
TOTALS	30.15 D.	30.85 D	23.67 d	#							
<i>House sold - gauges dismantled on death of owner. Rented 20/2/35. f 700.19/26.</i>											

House sold - gauge dismantled on death of owner. Reinst. 20/2/35. f 700119/26.

1931. Wall 5' high 7 yds 5 1/2 S.W.

Observer died 10/33, daughter leaving neighbourhood.

H.A. Sans. says he will remove (J/33)

1934 House sold record terminated

MET. O.F. RAINMASTER
RETROSPECTIVE AND PROSPECTIVE

NGR: 50(32) 716370

ALTS: 307 ft = 93

metres. Date of revision 13/9/78

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.			Ledbury	1/2 m	N.	Ledbury	1 m	N.