

RAINFALL AT Worcester Diglis Lock

Lat.

Lon.

County of _____

Rain Gauge, by

Observer

Severn. Right Bank -- 1

[illegible]

RAINFALL AT *Worcester, Diglis Lock* 80

Lat. _____

Lon. _____

County of *Worcester*

Rain Gauge, by _____

Observer *H. J. Marten, Esq. C.E.*

Season, R-1.

Diameter	5										
Height	1.0										
Altitude	49 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.46	.41	1.97	3.27	3.02	1.59	3.36	2.46	.84	.56	1.794
February	2.60	3.07	2.28	3.07	2.02	2.72	1.29	.57	.56	1.50	1.968
March	1.77	1.48	1.24	1.05	2.49	1.13	2.23	1.16	2.61	2.61	1.777
April	1.35	.70	3.21	.83	1.34	2.13	2.05	.73	1.39	3.41	1.714
May	1.79	2.35	1.79	1.09	1.25	2.70	5.84	2.09	1.01	2.93	2.284
June	4.51	2.01	2.71	2.82	2.74	3.63	1.20	1.38	2.36	.97	2.433
July	5.02	1.58	4.21	2.91	3.72	.19	2.93	.98	5.44	1.73	2.871
August .....	.50	4.43	2.04	.91	2.26	2.53	1.64	1.25	1.87	2.28	1.971
September....	3.82	2.04	2.15	4.56	1.30	3.57	3.18	1.40	.91	1.49	2.442
October	5.01	1.77	4.97	2.44	1.21	3.51	3.63	2.31	.74	2.70	2.829
November....	1.92	2.51	3.97	3.77	1.82	3.51	1.83	2.45	5.64	.98	2.840
December	2.41	2.20	2.81	.62	1.72	1.07	4.11	1.77	1.67	1.43	1.981
TOTALS	31.16	24.55	33.35	27.34	24.89	28.28	33.29	18.55	25.04	22.59	26.904

1880 St. Peter the Great, $\frac{1}{2}$ mile

N.N.E

Watch house 10 ft high 90 ft S.

/ indicates entered correct day. (See note at beginning of this book).

RAINFALL AT Worcester Digh's Lock

Lat. _____

Lon. _____

County of Worcester

E. D.

Rain Gauge, by _____

Observer

H. J. Martin Eng. C. E.Season, R-1.

Diameter	5											
Height	10											
Altitude	49 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.55	1.72	2.01	1.69	1.92	3.32	.44	1.93	.54	3.39	1.951	
February ....	.51	.09	1.04	2.02	2.21	.18	.23	2.34	1.35	2.53	1.250	
March .....	.92	1.37	.70	.31	.96	1.62	2.31	3.11	.37	.47	1.214	
April	1.09	1.29	.55	.27	1.23	1.82	.74	1.12	1.55	1.84	1.150	
May	1.98	3.51	1.93	2.48	2.89	.77	.30	1.03	4.00	2.13	2.102	
June	2.23	2.56	1.70	.89	2.07	3.60	1.69	2.78	1.34	1.18	2.004	
July	1.91	2.30	.97	1.73	2.58	3.33	1.81	.54	.74	1.44	1.735	
August	2.44	3.75	2.66	1.88	2.30	2.20	1.38	4.55	2.34	1.47	2.497	
September....	.81	.91	2.27	1.03	1.79	.29	3.66	2.12	.61	3.12	1.661	
October	1.09	5.85	1.40	1.53	2.19	2.24	1.56	1.72	2.90	2.10	2.258	
November	2.14	2.07	2.30	1.06	3.02	3.25	.73	1.61	1.62	1.72	1.950	
December ....	.80	3.13	.84	2.59	1.85	1.53	2.65	2.57	2.56	2.73	2.125	
TOTALS	18.47	28.55	18.37	17.48	25.01	24.15	17.50	25.42	19.92	24.12	21.899	

1891 St Peter the Great $\frac{1}{2}$ mile N.N.E
 Watch House 10 ft high gage S

1880 —

RAINFALL AT Worcester Diglis Lock

Lat.

Lon.

County of Worcester

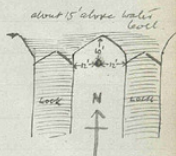
Gaffer

Rain Gauge, by *Sanella*Observer *E. D. Marton Esq. C.E.*

Seven, R-1.

Diameter ..	5										
Height	10										
Altitude ..	497										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.60	1.65	.77	2.65	2.26	.83	3.95	.87	.59	.81	1.798
February ..	4.49	1.12	1.40	1.92	3.73	.74	1.56	.73	1.16	.31	1.716
March ....	.83	2.39	1.44	3.60	1.15	3.17	.96	.62	2.64	2.27	1.907
April .....	.99	2.42	2.34	1.78	1.08	1.86	1.26	2.08	2.88	1.40	1.809
May	2.44	1.09	2.47	6.10	2.10	.33	1.91	2.74	1.90	.75	2.183
June	1.93	2.63	2.52	2.90	.67	3.57	2.63	2.24	2.21	2.68	2.398
July	1.96	2.69	1.51	3.35	2.89	1.13	.96	2.47	1.78	2.11	2.085
August	2.39	2.31	3.62	3.49	1.65	4.61	.80	2.24	2.34	1.42	2.487
September ..	.98	1.12	1.12	2.95	2.00	.89	.59	.45	2.08	2.82	1.500
October	2.41	1.38	2.82	5.16	.54	1.37	4.10	5.89	1.76	1.95	2.737
November ..	2.16	.78	2.25	1.25	1.03	2.56	2.21	1.89	1.19	.60	1.592
December ..	4.63	3.54	1.49	1.15	2.01	.66	1.57	3.82	1.68	3.00	2.355
TOTALS ..	28.81	23.12	23.75	36.30	21.11	21.72	22.50	26.03	22.21	20.12	24.567

1900 St. Peter's the Great $\frac{1}{2}$ mile NNE
 Watch House 10 ft high 90 ft S



+ Inspected 12. III. 06. Small rail round. on pier between two locks

RAINFALL at Worcester Digby Lock

8388

County of WorcestershireObserver E. D. Martin Esq CE E. J. Bradley EsqRiver Basin Severn Right Bank Tributaries 1

Rain Gauge, by _____

Diameter ...	5											
Height	1 0											
Altitude ...	49 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS 18-19
January ...	1.53	.76	4.07	3.69	.61	2.31	1.03	1.39	2.21	3.22		785
February ...	2.06	1.33	1.58	1.04	1.57	3.26	3.74	1.09	1.31	2.51		865
March .....	.43	1.68	3.46	4.20	2.54	.81	2.95	2.32	1.11	4.24		1062
April	1.57	.92	.01	3.06	1.16	1.28	1.24	1.22	2.56	1.72		674
May .....	.84	.46	2.34	2.26	1.21	2.90	2.70	2.81	1.54	1.26		831
June	2.33	1.36	4.71	.52	2.33	1.29	1.41	1.04	.63	1.08		416
July	1.51	.35	3.57	.72	3.62	6.29	1.48	1.46	1.94	2.98		786
August	4.25	1.33	7.70	1.36	1.15	3.47	2.71	4.11	.97	1.98		977
September ..	.68	1.07	.65	2.11	1.15	.82	.81	1.80	5.49	1.10		920
October ...	2.49	1.38	2.75	3.45	1.57	4.04	3.31	2.65	1.02	2.14		912
November ..	3.64	2.45	1.41	2.49	2.31	2.38	2.36	1.13	1.50	1.02		601
December ...	4.07	5.05	3.13	.94	5.07	4.74	2.64	1.11	1.97	3.30		902
TOTALS ...	25.40	18.14	35.38	25.84	24.29	33.59	26.38	22.13	22.25	26.55		9731
	2	2	2	2	2	2	2	2	2	2		446

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

Severn Commission



5.01 } rim slightly bent
4.90 }
5.02 } bottle, and bottom out of outer can
but no inner can.

Diameter ...	5											
Height	9											
Altitude ...	49											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1929-30	Totals
January ...	2.78	2.54	3.22	1.25	3.31	1.59	3.21	3.45	3.95	.73	4.07	30.10
February ...	.84	.29	2.71	4.96	.38	2.85	2.21	2.46	1.90	.57	.63	17.80
March	2.40	.90	1.64	1.23	1.14	.27	.49	2.08	2.35	.11	2.33	14.74
April	3.85	1.15	2.56	2.63	2.92	1.17	1.93	1.37	1.08	.55	2.46	21.67
May	1.18	.81	1.21	1.69	6.14	3.43	2.98	1.25	1.11	1.36	3.12	24.27
June	2.35	.42	.89	.32	2.51	.03	1.05	3.07	2.08	1.79	.91	15.42
July	5.79	.48	4.47	2.69	3.76	2.28	1.89	3.12	1.33	1.60	2.81	30.22
August .....	.65	2.65	3.04	1.70	2.39	2.89	2.18	3.81	1.76	1.40	2.81	25.21
September...	2.34	.88	2.09	1.80	3.74	3.26	.57	4.03	.61	1.33	4.35	25.00
October	2.33	1.65	.41	4.34	3.53	2.58	2.50	1.50	4.13	4.07	2.25	29.29
November...	.74	1.62	1.12	1.59	2.55	1.71	6.53	3.05	2.32	7.19	3.06	31.48
December...	2.05	1.94	3.42	2.07	2.71	2.48	.38	1.78	1.97	5.07	3.33	27.20
TOTALS...	27.30	15.33	26.78	26.27	35.08	24.53	25.92	30.97	24.59	25.77	32.13	294.67

Inspected 75. 21-18-21. 8. situated at eastern end of one side of loche, drops
looks on S & 7 yds, 6 yds E and 7 yds N, but the water was very narrow all round
and position was as good as possible and quite sufficient shelter on W, S & W.
8. surrounded by fence (square) 11 ft. in. high about 9 in. away at nearest points
Suggested mending gauge funnel & water can & placing fence about 3 inches.

Reference No.

[illegible]

RAINFALL at Worcester (Diglis Lock)

County of WorcestershireObserver J. E. Bradley Esq.River Basin Severn Right Bank tribsH. J. Linnett

(1941)

Type of Gauge

Annual Average 24.7 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S.

699336/26.

Diameter	5											
Height	1	0										
Altitude	49											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.41	2.48	1.75	2.26	1.84	3.33	2.76	2.80	4.80	3.38		Total 25.81
February	1.85	1.11	2.49	1.37	1.80	2.58	3.58	1.54	0.86	2.27		16.45
March	1.17	1.72	2.09	1.83	1.57	2.40	2.65	1.25	1.22	1.44		14.34
April	2.88	3.73	0.83	2.47	3.62	1.70	2.02	1.10	1.90	2.21		21.46
May	3.88	8.47	1.93	1.89	1.07	1.80	2.56	1.60	1.12	2.61		24.93
June	3.59	1.09	1.92	1.58	2.67	4.20	1.64	1.33	1.52	1.95		18.49
July	2.77	1.99	1.49	1.44	1.35	4.67	2.53	3.03	5.48	2.79		24.04
August	4.86	2.41	0.67	1.81	1.42	1.25	1.60	2.85	1.83	1.29		16.99
September	1.64	2.98	1.24	1.74	3.69	2.02	2.35	1.33	0.85	1.52		19.36
October	1.70	3.25	3.30	1.15	2.90	1.18	2.23	2.32	2.89	3.44		23.36
November	3.36	1.43	0.62	1.64	5.21	2.02	1.60	2.82	3.31	5.89		27.90
December	1.94	1.03	0.26	4.22	3.33	2.16	2.10	3.41	1.63	1.34		20.52
TOTALS	28.05	30.69	18.69	19.40	27.47	27.31	25.62	22.38	25.91	28.13		253.65
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		98.8

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

Station No. 2388RAINFALL at Worcester (Diglis Lock) ✓

41

County of Worcestershire Observer H. J. Linnett Esq.River Basin Severn Right Bank. 1 R. D. Adams Esq. - 1945Type of Gauge Snodan NO. 1950Annual Average 24.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 699336/26

Diameter	5"			44	229				5"		
Height	1' 0"				1				7"		
Altitude	49'				41				43'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.49	3.32	5.38	2.04	1.20	2.25	1.88	4.40	1.39	.52	
February	2.27	.57	1.36	.71	1.44	1.53	1.07	.77	.91	4.00	
March	1.69	1.82	1.05	.27	.87	.73	5.25	1.03	1.50	1.30	
April	1.17	.93	1.35	1.47	.86	2.72	2.18	1.70	1.91	1.80	
May	1.95	4.13	3.48	.48	2.62	3.17	2.15	2.71	7.13	1.48	
June	2.39	.08	1.75	1.43	2.78	1.75	1.80	1.92	.36	2.22	
July	3.43	1.08	.90	2.08	2.56	2.01	1.34	.77	2.78	2.37	
August	3.90	2.27	1.29	3.79	2.52	5.26	.97	4.76	.86	3.14	
September	1.05	1.25	2.56	2.60	1.31	2.92	1.55	2.83	2.06	3.09	
October	3.17	2.40	1.76	3.21	2.76	.72	.36	2.41	4.22	.56	
November	2.83	1.22	1.32	3.74	.39	3.81	1.71	1.40	2.23	3.75	
December	1.14	3.11	1.09	1.82	3.61	1.94	1.81	3.07	1.44	1.61	
TOTALS	28.48	22.18	23.35	23.64	22.92	28.81	22.07	27.77	22.79	26.84	
	0	2	7	0	3	2	2	2	2	2	

Totals

25.87

14.63

15.51

16.09

25.30

18.48

19.38

28.76

21.22

21.57

22.40

20.64

24.73

40.6

222.01

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. 2388

RAINFALL at Worcester (Diglis Lock) 440229

51

County of Worcestershire

Observer R. J. Adams Esq.

River Basin Leam High Bank 1.

Type of Gauge Snowden

BRITISH WATERWAYS

Annual Average 24.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S
25.53 " " " " " 1916-1950 1916-1950 699336/26 P
File No.

Diameter ...	5"			440	229							
Height ...	1' 0"	7'			1			1' 0"				
Altitude ...	48'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	2.17	1.80	.66	1.11	2.79	3.49	1.06	1.96	3.19	4.98	2.12	
February ...	2.45	.65	1.33	1.89	1.54	.31	2.24	4.12	.05	2.04		
March ...	3.99	1.89	1.03	2.08	2.33	.72	1.75	1.36	2.16	1.89		
April ...	2.63	2.08	2.22	.42	.97	1.54	.01	.48	2.92	1.14		
May ...	3.22	3.06	2.49	2.58	4.19	.47	1.40	1.91	1.03	0.47		
June ...	.73	1.89	1.41	3.11	4.10	1.47	1.66	2.24	.77	1.75		
July ...	.76	.50	3.08	2.21	.76	2.73	2.78	2.28	1.49	2.31		
August ...	3.84	4.91	2.95	3.35	.24	3.85	5.39	1.91	1.89	4.19		
September ...	2.78	1.49	1.99	1.30	1.45	2.38	3.36	4.38	.12	4.10		
October ...	.76	4.27	1.97	2.39	1.29	1.09	.81	2.11	2.42	5.79		
November ...	5.94	2.64	1.19	5.25	3.20	.97	2.14	2.19	3.66	3.78		
December ...	2.09	2.09	1.32	1.56	2.07	2.24	1.88	3.40	4.80	2.92		
TOTALS ...	31.36	27.27	21.64	27.75	24.93	21.26	24.46	28.34	28.29	24.50	35.36	22.482058
	D	D	D	D	D	D	D	np	np	np	D	

Inch. II 1953/600. g. very poor. Bce of the catch could not possibly enter the bottle and bottom can has no bottom. Inner can missing. Observed on holiday. Reasonable exposure but overcast N-SE.
No better info available

1958 np low

New gauge date not known.

1959 np low

Position of Station on Ordnance One-Inch map :

No. of Map... 130

National Grid Reference 32 847533

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	