

RAINFALL at BostonCounty of LincolnshireObserver VeallRiver Basin Witham - 3.

Y334

Rain Gauge, by

15 JAN 1916

Diameter ...											
Height											
Altitude ...											
Year ...	1920 1910	1921 1911	1922 1912	1923 1913	1924 1914	1925 1915	1926 1916	1927 1917	1928 1918	1929 1919	MEANS.
January97	.81					
February ...					(1.29)	.60					
March					2.16	1.85					
April					1.69	1.55					
May					2.40	3.00					
June					3.46	1.68					
July					1.26	.97					
August					2.01	1.88					
September ..					96	3.33	1.00				
October ...					3.01	2.82	2.05				
November ..					3.73	3.82	2.14				
December...					1.19	2.92	2.89				
TOTALS ...					28.33	20.12					

25th of month

Note
The monthly totals
are from the 26th of
one month to the
25th of the next
So the period is
for the month
ending the 25th

see next sheet

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

RAINFALL AT *Boston*Observer *W. Veall**Lincoln*
1836

Rain { By.....

Gauge { Diameter.....in. Height above Ground.....ft.....in. Above Mean Sea Level.....ft.

Witham - 3.

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....							.12	1.73	2.60	1.98	
February.....							1.22	.81	1.38	1.12	
March.....							1.19	1.72	.67	.17	
April.....							1.01	1.18	2.29	3.28	
May.....							.44	2.06	1.68	.22	
June.....							.21	1.54	2.08	2.99	
July.....							2.35	1.26	8.02	3.88	
August.....							.49	2.74	2.26	3.39	
September.....							4.18	1.27	2.15	2.98	
October.....							1.19	2.59	2.38	1.40	
November.....							1.90	1.39	1.31	2.53	
December.....							1.13	1.98	1.80	.20	
TOTALS							15.43	20.27	28.59	24.14	

*see previous sheet**see previous sheet*

Rainfall at Boston

E-30
Lincoln.
Y324

Authority - Mr. Beardmore's Hydraulic Tables.

within - 3.

about 40 ft. above Sea Level

YEAR --	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January --	1.65	1.67	.77	.64	2.41	1.72	1.11	3.26	1.00	1.40	1.563
February --	1.66	2.50	.12	4.54	.45	2.00	1.87	1.47	1.62	1.10	1.733
March ---	.12	1.13	1.47	2.26	.36	2.68	2.24	.41	1.09	2.59	1.435
April ---	2.63	.90	1.60	2.30	.64	1.09 1.77	1.60	2.00	1.68	1.75	1.589
May ----	4.01	.98	2.70	.53	.81	2.10	.47	1.08	1.88	.66	1.522
June ----	3.95	1.80	3.08	3.17	1.36	2.04	1.48	1.79	2.86	4.58	2.611
July ----	2.02	2.35	1.55	.60	3.84	1.20	1.60	1.88	1.64	4.36	2.104
August --	2.33	5.03	3.89	2.02	1.39	.84	1.22	3.90	2.05	3.47	2.614
September -	4.20	2.90	.90	1.49	1.30	2.61	2.38	1.70	1.82	2.16	2.146
October --	.64	2.40	1.85	2.23	.87	3.58	2.73	1.96	1.35	2.41	1.982
November -	1.34	1.95	2.59	.86	.79	1.74	3.46	1.55	1.17	3.23	1.868
December -	1.35	1.96	2.03	1.98	.64	.27	1.22	2.58	.79	1.77	1.459
TOTALS -	25.90	25.57	22.55	22.62	14.66	21.87 22.57	21.38	23.58	18.95	28.48	22.626

The Philosophical Mag: contains tables of the daily readings of the above observations but there are one or two cases in which the daily amounts do not add to the monthly totals. The above figures have been adopted after careful consideration.

The tables in Beardmore's were compiled by R. H. Twigg, C.E. from some blue book

Authority 1840-6 Beardmore's Hydraulic Tables
witham - 3.

about 60 ft above Sea Level

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	1.25	1.55	2.40	1.34	1.68	1.42	2.50	.98	1.33	1.51	1.596
February - -	1.28	1.58	1.48	2.16	2.80	.90	.57	1.21	2.65	.22	1.385
March - - -	.70	1.20	2.08	.62	1.89	1.98	.64	.94	2.60	1.50	1.415
April - - -	.54	1.69	1.34	1.39	1.39	1.12	3.23	1.77	2.70	2.83	1.708
May - - - -	2.46	1.42	2.40	3.80	2.52	3.37	1.45	5.41	.18	2.75	2.584
June - - - -	1.99	3.05	1.05	1.78	1.49	2.04	1.08	2.85	4.22	2.46	2.201
July - - - -	2.76	3.74	3.57	2.40	2.63	2.51	1.98	.86	2.89	2.60	2.594
August - - -	1.22	2.85	1.05	4.02	2.57	4.85	3.08	1.46	3.70	.70	2.550
September -	1.90	3.43	3.72	.47	2.50	1.26	.79	1.54	4.61	2.23	2.245
October - -	1.63	2.97	.88	3.35	2.37	1.39	4.38	2.52	5.33	3.32	2.814
November -	2.03	2.11	3.80	2.84	3.40	1.13	1.70	1.32	1.02	.74	2.009
December -	.85	1.67	.88	.12	.40	2.32	2.00	3.06	1.33	3.17	1.580
TOTALS -	18.61	27.26	24.73	24.29	21.64	24.29	23.60	23.92	32.64	24.03	24.481

1847-9 HSE

The Philosophical Magazine contains tables of the daily readings of the above observations but there are one or two cases in which the daily amounts do not add to the monthly totals. The above figures have been adopted after careful consideration.

Rainfall at Boston, Lincolnshire.

50

Authority, Mr. Eaton Imps.

+ ground to feet.

+ sea level 10 ft.

within - 3.

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --	1.39	1.54	2.19	1.41	.92	.43	2.20	3.13	.60	.64	1.445
February --	.91	.74	1.00	1.61	.28	2.18	1.00	.38	.25	1.19	.954
March --	.59	3.23	.50	1.09	.42	1.35	.25	1.34	1.15	1.71	1.163
April --	1.47	1.26	.20	1.50	.75	.23	1.58	1.95	1.75	3.26	1.395
May --	1.86	.44	.45	1.00	2.00	1.26	2.20	.50	2.15	1.59	1.345
June --	.60	2.09	3.39	2.46	1.25	2.34	1.00	3.30	.80	1.75	1.898
July --	4.10	5.73*	1.00	3.35	1.24	4.10	1.00	1.74	1.78	1.50	2.614
August --	1.90	1.64	4.27	2.28	1.70	1.30	3.00	3.24	2.75	1.73	2.397
September --	2.22	1.50	4.32	1.50	.30	.30	1.42	2.22	1.89	2.51	1.826
October --	2.20	2.12	2.41	2.70	1.25	3.70	2.08	3.73	3.14	2.10	2.543
November --	1.50	1.50	4.32	1.33	1.91	2.42	1.61	1.25	1.35	1.36	1.855
December --	1.37	.58	1.45	1.17	1.71	1.23	1.27	.39	1.39	1.62	1.218
TOTALS --	20.11	22.45	25.30	21.40	13.81	20.84	19.49	23.17	19.00	20.96	20.633

* 1851 July 24th $z = 2.65$ inches

1856 Oct^r. Corrected in 1882 when the observations were thoroughly discussed in connection with Mr. Wheeler's paper to the Inst of C.E. & B.R. 1881.

The figures printed by Mr. Wheeler were supplied to him in M. S. by Mr. Veal the daily readings not being given.

Boston Ranger Lodge.
Lincolnshire

60

W Teall

6 64 5

20 66 63

A Mercer Adam M.D. 1864

1 62

66 67 68

10 45

5 in + ground 4ft

+ Sea level 20ft

within - 3.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --	3.00	.93	1.54	2.25	.71	1.82	.97	3.46	2.27	2.52	
February --	1.20	2.12	.39	.33	1.35	1.90	2.14	1.40	1.40	1.09	
March --	1.80	1.65	2.22	.83	2.01	1.21	.80	1.52	1.61	2.72	
April --	.47	1.23	1.30	1.30	1.24	.30	1.10	2.39	1.75	1.91	
May --	3.48	1.55	2.06	.71	1.63	2.23	1.25	3.56	.39	3.71	
June --	4.21	2.49	1.98	1.75	.96	1.74	2.60	1.01	.41	1.76	
July --	1.60	3.74	2.22	.60	.33	5.29	4.42	3.34	.33	.76	
August --	5.35	.15	1.70	2.75	.87	2.92	2.84	1.87	3.29	1.57	
September --	2.96	1.38	1.47	1.90	1.30	.40	3.55	1.85	2.22	3.22	20.25
October --	1.92	.90	1.84	2.47	.97	4.62	1.73	1.96	3.22	1.38	
November --	2.40	2.84	.86	2.45	2.08	2.21	2.15	.64	1.32	1.65	
December --	2.30	1.40	1.35	.95	1.79	1.15	2.00	2.25	5.59	4.44	
TOTALS --	30.69	20.38	19.93	18.29	15.23	25.79	25.55	25.25	23.80	27.53	132.44

1864 + Ground 6ft

+ S.L. 10ft

1864 The height above ground and the amounts agree with The Grand Swiss gauge and Mr. Porter states that those figures were registered by himself

RAINFALL AT *Boston Barge Lodge*

Lat.....

Lon.....

County of *Lincoln*

Rain Gauge, by.....

Observer

*D. Mercer Adams**within - 3.*

Diameter 5											
Height	1											
Altitude	20											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.25	. 89	2.58									
February.....	1.30	1.61	1.78									
March.....	1.10	1.10	2.36									
April.....	. 73	2.60	2.71									
May 58	1.43	1.74									
June.....	1.60	3.20	2.00									
July 96	3.55	3.31									
August.....	1.45	. 90	3.73									
September.....	. 90	3.79	2.19*									
October.....	3.30	1.04										
November.....	1.37	1.17										
December.....	2.86	1.36										
TOTALS	10.40	22.72										

C C C

1872 G. moved to High Street.