

Rainfall at Royston (Herts)

Stale Wrotham

Diameter of Gauge, $3\frac{3}{4}$ in.

Height above Ground, 0... ft. in.

Above Mean Sea Level, ft.

4 - Dec.

YEAR - -	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -		.84	1.41		2.30			.38	
February - -		1.84	.80		.93			1.77	
March - - -		.85	1.60	^{passed} 78	1.89	^{70 14 1/2} .77	5.24	.79	
April - - -		1.54	.10	1.38	2.02	.89		1.71	
May - - -		4.38	.66	2.21	.94	2.13	.43	3.24	
June - - -	# Febs	1.25	1.65	1.41	1.38	.35	2.12	2.93	.54
July - - -		2.64	3.25	1.56	1.93	2.59	1.68	1.58	3.13
August - - -		1.85	2.98	2.30	2.00	2.01	1.86	3.36	1.02
September -		3.64	.53		1.03	2.64	1.67	3.61	3.20
October - -		1.19	4.23	7.68	1.11	3.25	2.44	3.74	1.86
November -		3.29	1.82		1.84	.92	2.18	.76	1.04
December -		.85	.57	^{4.38}	1.63	.38	1.47	1.65	1.79
TOTALS -			24.48			20.22		23.80	20.47

The monthly amounts are not to be strictly depended upon.
 The Gauge was taken in doors on account of the frost from
 5th Dec: 1844 ~~1844~~ to 13th Mar: 1845.

Key Stone
Herts

Hale Wortham

N^o. 104

Diam. 8.008 in.

7 in

+ Sea Level 267 ft

4 - One

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -		2.05		2.09	2.55	.84	2.29	3.28	.68	.74	
February - -	^{for 1850} .52	.48	16.11	2.02	1.01	1.91	.84	.35	1.35	1.88	
March - -	.20	2.75		1.00	.41	1.57	.41	1.43	.81	1.37	
April - -	2.19	1.75	.39	2.76	1.55	.20	1.42	1.95	2.99	1.87	
May - -	2.05	1.12	2.30	1.55	2.99	1.86	2.62	.96	2.59	1.86	
June - -	.52	1.21	3.26	2.78	.44	1.99	1.47	1.97	.72	1.87	
July - -	4.09	3.65	3.32	2.53	1.38	5.14	1.14	2.89	3.42	3.00	
August - -	1.06	1.45	4.07	2.75	1.93	1.64	2.70	2.43	2.35	2.88	
September -	.73	.94	2.73	1.25	.76	1.27	2.81	3.99	1.32	2.14	
October - -	1.53	1.31	3.63	1.69	2.09	4.99	2.25	5.67	1.47	3.44	
November -	1.37	1.38	5.19	1.50	1.45	2.63	2.30	2.52	.84	2.29	
December -	1.70	.73	2.07	1.06	1.55	.89	1.69	.45	1.93	2.12	
TOTALS -		18.82	33.07	22.90	10.11	25.01	21.94	27.89	20.47	25.46	

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1853. Gauge rather leaky at end of Oct & beginning of Nov.

To end of July 1851. Area of Gauge ~~abt~~ 10 sq. in. on a wall abt 9 ft. high. Circular.

From Aug. 1851 to Oct. 1856. Herschell's cubical zinc. 10 in. side. surface 3 ft. above ground.

Royston

Hale Wortham East

6 in 64 5 6 8 266 66 69
 Gauge 8.008 in. 7 in + ground; 267 ft + 5 l
 14 - Cuse

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --	2.59	1.30	1.71	2.79	1.09	3.39	2.89	2.78	2.60	2.63	2.377
February --	1.13	2.06	.41	.52	.72	2.86	2.78	1.12	1.30	2.11	1.501
March --	2.18	1.91	3.07	.67	3.75	1.36	1.34	2.00	1.77	1.79	1.984
April --	1.38	.83	1.88	.59	.71	.30	1.64	2.13	1.42	2.20	1.308
May --	3.41	.97	2.99	.95	2.28	1.63	1.62	3.60	.54	3.60	2.159
June --	4.45	1.90	2.00	2.48	1.26	2.13	2.17	.81	.52	1.12	1.884
July --	1.42	3.29	1.19	.53	.38	3.54	2.47	3.39	.20	.59	1.700
August --	3.85	.66	3.04	2.19	.36	3.74	2.77	1.79	4.89	.95	2.424
September --	3.03	1.03	2.01	1.98	1.96	.73	3.20	2.73	2.47	2.76	2.190
October --	1.21	1.08	2.70	1.70	1.32	6.56	1.44	2.38	2.23	.95	2.157
November --	3.43	3.42	1.41	2.40	2.36	1.84	1.82	.47	1.17	2.17	1.949
December --	2.48	1.36	1.52	1.07	.48	1.25	2.34	1.66	3.51	3.69	1.936
TOTALS --	29.56	19.81	23.93	17.87	16.67	29.33	26.48	24.86	22.62	24.56	23.569

+ c c c c c c c c c c
 1/2 in Lawn no building within 54 ft

RAINFALL AT *Royston*

80

Lat. _____

Lon. _____

County of *Hertford*

Rain Gauge, by _____

Observer *A. M. M. M. Esq.*

W. C. C.

Diameter	8										
Height	6										
Altitude	2697										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	2.22	1.35	1.17	1.51	1.75	1.64	2.46	1.54	.66	.95	1.325
February	1.98	2.74	1.76	3.26	.56	1.89	.30	.66	1.25	1.80	1.620
March	1.05	1.18	1.23	.81	.94	.96	1.50	1.33	2.59	1.23	1.282
April	1.71	1.02	2.91	2.07	1.00	2.12	1.21	1.17	2.02	2.44	1.767
May .....	.64	.66	1.04	1.20	.44	2.76	1.55	2.41	.97	3.46	1.813
June	3.48	1.69	2.28	5.11	1.27	2.27	.67	.42	1.52	2.47	2.118
July	4.34	1.77	1.92	2.70	2.08	.21	2.58	.62	3.49	2.89	2.280
August	1.14	4.61	1.12	1.00	2.11	2.06	1.44	1.14	2.50	1.54	1.862
September	3.28	1.50	1.69	4.26	1.59	3.15	1.12	2.48	1.44	2.05	2.256
October	4.87	1.98	5.20	1.74	1.49	4.39	2.65	1.92	.76	3.80	2.850
November	2.17	2.06	3.22	2.64	1.45	3.06	2.79	2.91	3.29	.79	2.438
December ...	2.31	3.47	2.67	1.07	2.00	.89	3.89	1.23	1.14	.99	1.966
TOTALS	27.39	24.03	26.21	27.37	16.68	25.40	25.12	17.83	21.63	24.41	23.607

1880. Royston Ch. 4 mile N.

Stone 40ft high 45ft W

Trees 20ft " 42ft E

RAINFALL AT *Royston*

Lat. _____

Lon. _____

County of *Herts*

Rain Gauge, by _____

Observer *H Wortham Esq*

4-Case.

Diameter	8											
Height	0 6											
Altitude	269 N											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	1.80	1.57	.86	1.63	1.56	2.45	.81	2.24	.76	2.32		
February ....	.80	.02	1.92	2.92	1.52	.22	.49	2.32	.96	1.42		
March	2.38	1.63	.99	.17	.93	1.81	3.27	3.55	1.55			
April .....	.63	.57	.78	.13	.76	.83	.85	1.44	2.03	98 #		
May	1.84	3.01	1.28	1.15	1.60	.66	.30	1.04	2.81			
June	1.84	2.17	2.46	.66	1.97	.39	2.02	2.14	2.13			
July	3.83	2.82	3.60	3.48	2.70	3.84	.65	.48	1.22			
August	1.42	3.54	3.18	2.49	2.90	5.12	2.38	3.17	1.37	(17.02)		
September....	.17	1.20	2.81	1.01	1.38	.79	5.25	2.80	.24			
October.....	1.67	5.05	3.84	3.11	2.65	1.99	2.96	.69	2.73			
November....	1.75	1.75	1.53	2.15	3.41	3.28	1.05	.88	2.40			
December ....	.53	3.11	1.66	1.62	1.48	1.52	3.06	1.83	3.05			
TOTALS ...	18.68	25.94	24.91	20.52	22.86	22.90	23.09	22.58	21.25	(31.74)	(22.447)	

1890 Royston Church 1/4 mile N
House 40 ft high 54 ft W
Tree 30 " " 48 " E

Apr - Dec 1899 - Union Workhouse