

RAINFALL AT *Wickfield*

40

B. L. Prince

Mr. Prince's Rep.

Rain { By
Gauge { Diameter.....in.

Height above Ground, ft. in. Above Mean Sea Level, ft.

YEAR.....	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January				2.35	3.03	2.97	3.25	1.81	1.49	2.21	
February				2.50	3.84	1.25	1.37	1.73	3.00	2.51	
March62	2.32	.57	1.90	.67	2.56	.64	
April				2.21	.37	1.53	1.62	.69	3.11	3.82	
May				5.69	.18	2.65	1.43	1.63	.79	2.67	
June.....			#	1.71	.79	1.08	.92	1.77	3.91	.85	
July			0.00	3.11	1.47	1.43	2.23	.22	3.21	1.69	
August.....			1.83	3.84	2.33	2.95	2.30	1.00	6.05	.76	
September ...			2.60	20	.60	3.12	1.50	1.80	2.62	3.37	
October.....			1.69	4.75	5.11	1.89	5.53	1.57	6.03	5.00	
November.....			4.61	2.71	2.99	2.99	1.69	2.13	2.27	1.92	
December.....			1.29	.52	.44	.60	1.37	2.49	3.18	3.91	
TOTALS	22.50	36.50	24.60	30.09	23.37	23.03	25.11	17.68	38.03	39.53	26.97

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Not a drop of rain fell in July 43.

5 in. diameter g. in 1842 & perhaps 43. Side tube g. from about 1844

The above bracketed totals are pure calculation - no gauge was at Wickfield until June 30th 1842.

*1842-44
5 in gauge
10 in Howard's Tube
45-*

RAINFALL AT *Wickfield**C. L. Munroe Esq.*

Rain { By

Gauge { Diameter.....in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

YEAR.....	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January	1.47	4.25	5.56	4.34	2.21	.23	2.67	3.65	1.16	2.57	2.811
February	2.47	1.11	1.42	.84	.57	.97	1.62	.38	.71	2.16	1.219
March	1.0	4.01	.47	1.70	.11	3.19	1.62	2.23	1.21	1.79	1.651
April	3.27	2.23	.40	2.80	.25	.51	4.54	2.21	2.05	2.20	2.062
May	2.70	.35	2.61	1.56	3.87	2.29	4.77	1.45	2.03	1.02	2.273
June.....	2.03	1.62	7.04	1.61	2.22	1.77	1.72	3.45	.16	1.40	2.310
July.....	2.44	3.50	.50	3.97	2.19	3.44	2.67	2.00	3.26	1.67	2.572
August.....	2.37	1.56	6.01	3.17	1.43	.67	1.97	3.24	1.85	1.59	2.386
September ...	2.62	.21	6.54	2.80	1.45	.80	6.06	4.67	1.14	3.82	3.027
October.....	1.96	4.11	8.70	7.25	4.20	6.05	1.63	4.61	1.83	4.33	4.475
November.....	4.39	.81	6.52	.99	2.29	1.76	1.03	2.84	1.37	5.67	2.767
December.....	2.64	.50	4.70	.59	2.34	2.04	3.29	.93	2.59	5.10	2.472
TOTALS.....	28.62	24.26	50.55	31.70	23.15	23.80	33.57	31.74	19.36	33.48	30.025

1850. Agrees with D. Marshall's table. 1850. Nov: 24th = 1.47

1851 Mar 15 = 1.20

Aug 29 = 1.30 4.6 P.M. 26. 1.9 a.m. 27. .26

1852 Oct. 4 = 2.13 9 a.m. 27 - 9 P.M. 27 = 1.78

1854. Agrees with C. L. P's pp table 27 = 1.77 9 P.M. 27 - 9 a.m. 28 .62

1853 July 14 = 1.79 9 a.m. 28 - 6 P.M. 28 .63

Aug 23 = 1.29

Sep 1st = 1.271854 Oct 7th = 1.439. Agrees with C. L. P's pp table 1856 Sep 28 = 2.50^x

June 1856 Wrong in Climate of Wickfield

RAINFALL AT WickfieldObserver Co L Prince Capt

Rain { By

Gauge {

Diameter 12 in.Height above Ground, 6 ft. 2 in.Above Mean Sea Level 149 ft.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	4.75	.23	2.27	3.67	.94	5.26	6.22	3.15	4.35	3.00	3.384
February.....	1.50	1.78	.80	.88	1.03	1.63	4.35	1.70	1.03	2.53	1.723
March.....	3.00	2.51	4.05	.91	3.64	1.82	1.95	3.02	1.52	2.28	2.470
April.....	2.53	.69	1.63	.46	1.04	.33	1.25	2.24	2.30	1.52	1.399
May.....	4.20	1.56	2.61	1.96	1.94	3.37	.70	2.07	1.03	3.98	2.342
June.....	4.80	2.88	2.03	3.21	1.01	1.35	2.77	1.87	.59	.96	2.207
July.....	3.00	2.85	1.43	.79	.46	4.86	2.83	5.25	2.98	.08	2.453
August.....	5.84	1.16	1.90	2.18	1.73	3.76	2.07	1.96	3.18	1.30	2.508
September.....	3.75	3.70	2.31	3.44	3.06	.02	6.12	2.33	3.01	4.33	3.207
October.....	2.97	1.85	7.00	3.23	2.09	11.23	1.61	3.41	2.61	1.06	3.789
November.....	2.95	7.50	.94	1.68	5.56	3.06	1.89	1.41	1.37	2.65	2.901
December.....	3.17	1.64	3.04	2.73	.98	2.28	2.03	2.07	6.51	4.08	2.853
TOTALS.....	42.46	28.35	30.01	25.74	23.48	38.97	53.79	30.43	30.51	28.57	31.236

RAINFALL AT *Uckfield Observatory*

Lat.....

Lon.....

County of *Sussex*Rain Gauge, by..... Observer *H. L. Prince Esq.*

Diameter	1.0											
Height	6											
Altitude	149											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.83	2.61	5.36	3.60	2.22	3.88	.96	7.07	1.60	3.32	3.245	
February	1.56	1.64	1.80	2.02	1.90	1.15	3.05	2.25	2.05	4.13	2.155	
March	1.73	1.19	1.94	2.18	.69	.71	3.07	2.49	1.65	.95	1.660	
April31	⁺ 3.90	.61	.64	2.29	.87	2.63	2.51	3.12	3.52	2.040	
May	1.05	-.62	3.16	1.02	.59	1.28	.91	2.15	3.86	3.11	1.775	
June34	3.87	2.72	2.79	2.10	3.74	1.88	1.02	1.53	3.29	2.330	
July	2.12	2.68	1.59	2.35	.58	3.40	.45	3.49	1.03	3.53	2.122	
August.....	2.14	1.34	1.80	3.62	1.97	1.45	3.92	3.34	4.13	4.80	2.851	
September....	2.29	3.07	1.83	3.07	3.15	1.80	4.23	1.28	1.78	3.28	2.578	
October.....	⁺ 5.30	2.50	5.03	4.67	4.18	4.74	1.09	3.79	4.37	.77	3.664	
November.....	2.24	.70	6.92	3.16	2.66	4.82	3.23	7.68	4.03	1.27	3.671	
December.....	3.88	1.52	5.88	.94	2.32	1.18	7.95	2.51	2.08	1.03	2.929	
TOTALS	24.99	25.64	33.64	30.06	24.65	29.02	33.37	39.58	31.25	33.00	31.020	

1871 About the middle of Dec water was very scarce and nearly all the water mills were at a stand still.

1876

Uckfield Hos

Hos
Day

RAINFALL AT *Uckfield Observatory*

5
80

Lat.

Lon.

County of *E. Sussex 4*

Rain Gauge, by

Observer *C. L. Prince, Esq.*

Miss L. Day

Diameter	8 8										
Height	410	1.	0	8							
Altitude	200 200	200									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	·49	1.40	1.51	2.73	2.85	2.81	4.48	2.77	1.04	1.01	2.109
February	3.05	4.43	1.80	4.27	1.69	4.20	·52	·81	1.44	2.34	2.455
March	·88	2.71	1.43	1.24	2.03	2.46	2.19	1.63	3.59	1.83	1.999
April	1.81	·80	3.10	1.38	1.31	1.37	2.42	1.40	1.27	2.14	1.700
May	2.0	1.22	1.06	2.62	·23	2.91	3.99	1.75	1.61	1.37	1.696
June	2.02	2.19	2.11	2.32	2.28	·82	·98	·81	3.26	·31	1.710
July	3.50	1.46	4.57	2.31	1.62	·67	3.00	·57	4.19	3.75	2.564
August	1.08	5.18	2.14	·63	1.22	·68	1.57	3.18	3.49	3.57	2.274
September...	4.16	3.24	3.27	3.13	3.64	4.57	·82	3.28	·84	1.04	2.799
October	6.72	2.54	7.78	2.88	1.08	4.22	3.99	1.47	2.51	7.15	4.034
November...	4.26	4.36	3.87	4.69	1.07	3.88	3.75	4.68	4.73	1.27	3.646
December	3.62	3.52	3.26	1.39	4.14	1.29	5.15	2.81	2.13	1.75	2.906
TOTALS	31.79	33.05	35.90	29.49	23.16	29.88	32.86	25.16	30.10	27.53	29.892