

John Heap

Y442

Diameter of Gauge, *1.2* in.Height above Ground, *24* ft. in.Above Mean Sea Level, *500* ft.

YEAR - -							1836	1837	1838	1839	MEANS.
January - -							⁴ 2.11	2.35	2.3	1.97	
February - -							2.50	2.57	1.16	1.63	
March - - -							2.74	2.05	1.95	1.25	
April - - -							2.34	.99	2.86	1.54	
May - - - -							.76	2.18	2.94	.33	
June - - - -							4.26	2.06	4.29	1.99	
July - - - -							1.27	1.70	2.04	1.70	
August - - -							1.42	3.04	4.70	3.24	
September -							2.99	1.54	.71	4.98	
October - -							3.50	3.89	4.33	2.57	
November -							5.96	5.27	.68	2.61	
December -							3.67	3.40	1.55	1.67	
TOTALS -							36.52	31.04	27.44	25.48	

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Rainfall at *Roxton near Oldham*

40

John Heap

Table in March. Means corrected
by Mr. Heap.

Diameter of Gauge, *12* in.

Height above Ground, *24* ft. in.

Above Mean Sea Level, *500* ft.

YEAR -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January -	2.50	1.64	1.88	3.58	1.34	1.97	4.00	1.83	3.01	2.61	2.436
February -	1.43	1.20	1.96	.52	1.05	1.24	1.08	1.45	3.99	3.25	1.717
March -	.32	.26	3.16	.89	2.22	2.82	1.24	3.42	3.41	1.62	1.936
April -	.58	1.23	.98	3.60	1.00	1.89	4.93	2.83	3.14	3.61	2.379
May -	4.40	3.64	2.84	2.65	.00	1.88	1.38	1.28	3.25	2.16	2.348
June -	3.31	4.03	2.07	2.00	1.63	3.00	3.62	2.65	3.75	4.18	3.024
July -	6.39	6.69	3.66	1.05	.85	5.97	6.49	4.31	3.00	2.45	4.086
August -	3.66	3.47	1.45	3.92	2.12	5.52	2.78	3.62	4.86	3.43	3.483
September -	5.32	5.27	1.93	.59	3.01	3.88	1.07	3.00	3.14	2.82	3.003
October -	1.73	.71	2.14	4.96	1.92	4.11	5.24	3.26	3.31	3.19	3.057
November -	1.31	5.93	3.49	5.67	3.00	2.77	2.56	3.84	3.01	3.69	3.527
December -	1.56	.58	2.55	1.70	.51	6.62	1.86	2.64	2.14	2.61	2.277
TOTALS -	32.51	34.65	28.11	31.13	18.65	41.67	36.25	34.13	40.01	35.62	33.273

Rainfall at *Royton near Oldham*Jn^r. HeapTable, in *March's Memo.* corrected
by Jn^r. Heap -Diameter of Gauge, $1\frac{1}{2}$ in.

Height above Ground, 24 ft. in.

Above Mean Sea Level, 520 ft.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	1.89	1.64	2.77	1.75	3.19	.37	2.56	1.91	3.20	1.98	
February - -	2.19	3.97	1.89	2.44	2.94	.43	3.24	1.61	2.97	2.21	
March - - -	3.68	2.63	1.87	2.20	1.47	1.85	.03	1.99	1.45	2.98	
April - - -	2.12	1.03	1.84	2.11	1.48	.99	2.46	1.67	2.48	3.44	
May - - -	3.84	3.14	2.80	3.44	1.87	1.52	3.15	1.54	2.56	.25	
June - - -	3.17	2.63	3.31	2.69	2.58	1.89	2.14	2.59	3.78	2.52	
July - - -	4.25	1.18	2.86	3.70	3.62	4.25	4.20	1.61	2.23	3.41	
August - -	3.99	3.00	5.17	3.46	2.63	3.66	4.71	2.32	1.48	6.72	
September -	3.82	2.13	2.74	3.20	2.65	.92	.70	2.09	4.65	3.49	
October - -	4.17	2.61	3.28	3.76	2.41	5.76	6.36	4.89	3.45	2.37	
November -	3.14	2.19	2.67	2.77	3.60	1.46	.45	2.10	1.31	2.53	
December -	2.63	1.86	2.18	3.09	6.40	.85	2.48	3.81	3.35	3.42	
TOTALS -	38.89	28.01	33.38	34.61	34.84	23.95	32.48	28.13	32.91	37.32	32.45

* In 1857 it was changed to a 10 in. Gauge.

† In 1853 it was changed to 11 ft above Ground.

Noyton

W. Oldham Lane

John Heap.

1 ft 65 6

69-500 60

500

5 in + Ground 4 ft

+ Sea Level 484 ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.63	1.22	2.62	6.41	1.47	3.81	5.46	4.44	4.07	2.84	3.59
February - -	1.11	3.14	.74	1.80	3.59	2.93	4.92	4.20	3.90	5.38	3.19
March - - -	3.76	5.24	3.07	1.23	2.27	1.61	2.30	2.24	5.20	1.02	2.87
April - - -	1.60	1.80	2.00	1.60	1.26	1.47	1.10	5.12	1.64	2.22	2.005 -
May - - - -	4.61	.73	4.64	2.33	2.90	3.16	1.97	2.40	1.19	3.26	2.719
June - - - -	7.06	2.80	3.33	3.78	3.45	.90	5.26	1.94	.50	1.32	3.050
July - - - -	3.34	4.06	4.33	1.70	2.04	3.46	4.01	7.24	.45	1.44	3.207
August - - -	4.27	2.94	2.54	5.23	2.83	5.57	5.59	1.96	2.78	2.41	3.612
September -	3.40	4.48	4.07	6.62	4.13	.72	0.37	3.66	2.18	7.48	4.511
October - -	5.36	1.75	6.36	6.21	2.80	6.09	3.06	4.62	6.49	3.76	4.650 +
November -	3.25	2.46	1.78	3.42	3.88	3.48	0.39	2.31	3.55	4.68	3.720
December -	2.55	2.30	5.09	3.77	2.86	1.29	6.49	4.11	9.30	4.78	4.262
TOTALS -	44.02	33.08	40.65	44.10	33.48	34.57	56.92	44.32	41.33	41.39	40.586

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RAINFALL AT *Oldham Royton*

Lat..... Lon..... County of *Lancashire*
 Rain Gauge, by..... Observer *W. B. Kay Bentley*

Diameter.....	5											
Height.....	1											
Altitude.....	544											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	4.06	1.60	5.17	4.23	4.26	4.25						
February.....	7.35	3.57	3.46	.82	1.85	1.37						
March.....	1.97	1.94	3.38	3.07	4.13	99#						
April.....	2.09	4.35	3.61	.54	1.36							
May.....	1.46	1.79	2.42	2.70	2.26							
June.....	1.53	3.45	6.88	2.16	1.71							
July.....	1.39	4.68	4.89	5.24	2.35							
August.....	2.99	1.94	3.13	4.82	5.64							
September.....	3.27	4.98	6.45	2.84	4.59							
October.....	70.72	4.81	4.90	6.01	4.86							
November.....	3.33	7.46	4.75	2.98	5.14							
December.....	2.34	2.68	2.60	.99	4.74							
TOTALS.....	36.50	37.25	57.64	36.40	42.89							

Gauge moved to Blackpool