

Horwick

Ex

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at Preston in Lancashire

Thos Morris

Mag. Ret. No. 60

Diam 12 in + ground bis

+ Sea Level 72 ft

YEAR - -						1845	1846	1847	1848	1849	MEANS.
January - -							4.45	2.60	1.94	4.30	
February - -							.94	2.59	5.70	1.94	
March - - -							2.65	1.26	3.13	.56	
April - - -							2.80	1.74	1.86	1.10	
May - - - -							1.25	4.62	1.57	1.55	
June - - - -							3.20	4.23	4.85	1.10	
July - - - -							4.00	.80	3.16	5.00	
August - - -							5.20	2.66	7.08	3.85	
September -							3.11	1.36	4.64	1.55	3.14
October - -							3.85	4.76	4.02	4.37	4.40
November -							3.54	3.04	4.53	2.87	4.15
December -							5.30	2.45	5.70	2.92	2.09
TOTALS -							36.26	39.39	41.00	33.26	

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Horwich

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nr. Preston Lancashire

Thos Morris

Aug. Feb. Mar. 60

Slain 12 in + ground in + Sea Level 72 ft

YEAR -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January -	2.56	4.75	5.86	3.56	4.23	.91	2.59	2.95	1.95	2.61	3.197
February -	3.06	1.99	3.09	1.14	2.43	1.29	3.43	4.15	.24	2.70	2.352
March -	.99	2.70	.05	1.20	1.60	2.00	.46	2.18	2.70	4.40	1.908
April -	2.99	.29	.36	2.20	.85	.71	2.06	3.72	2.75	3.19	1.912
May -	1.04	1.00	2.64	.86	1.89	1.36	2.35	2.48	2.51	.55	1.668
June -	1.83	3.43	2.72	2.90	1.90	4.34	3.85	6.00	1.09	2.54	3.060
July -	3.96	3.63	3.99	6.96	2.60	4.85	2.80	2.35	2.38	2.79	3.639
August -	4.26	3.15	5.00	2.33	4.96	2.12	4.02	4.39	3.10	5.16	3.849
September -	2.65	2.10	3.47	3.58	2.92	1.54	3.97	2.74	4.89	4.88	3.274
October -	3.92	2.33	3.89	4.26	3.24	4.60	1.57	1.83	4.48	2.60	3.272
November -	4.10	.90	6.54	2.31	3.70	1.58	2.38	1.70	1.72	3.30	2.823
December -	2.70	.92	6.33	.58	6.70	2.03	3.69	2.78	3.44	4.00	3.325
TOTALS -	34.06	27.19	43.94	31.88	37.18	28.13	33.17	37.27	31.25	38.72	34.279

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Howick House
 W. Preston, Lancashire
 Thos Morris Esqr
 May 1869

C. L.

Diam 12 in + ground. 6 in + sea level 72 ft. ⁶⁴ 72 ft

YEAR -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January -	4.53	.72	5.17	4.60	3.00	2.30	4.50	3.40	2.80	4.00	3.502
February -	1.05	3.97	.70	1.25	4.75	2.65	3.30	2.15	2.25	4.75	2.682
March -	3.61	4.39	5.00	1.38	2.62	1.85	2.50	1.00	3.70	1.20	2.725
April -	1.37	1.35	3.15	1.60	1.50	1.40	.80	3.80	1.70	2.80	1.967
May -	3.00	1.24	4.00	2.75	2.15	5.95	1.40	1.55	1.65	3.70	2.759
June -	5.06	2.39	3.15	4.80	3.50	.30	3.65	1.15	.55	1.70	2.625
July -	1.33	3.82	4.47	2.00	1.75	2.90	4.55	3.25	.35	1.20	2.562
August -	5.67	3.88	3.53	4.95	2.60	4.60	5.00	2.20	3.40	1.95	3.780
September -	2.24	4.10	3.68	5.65	3.70	.40	6.90	2.70	1.20	7.20	3.777
October -	4.06	3.50	6.37	6.94	2.24	4.40	2.45	5.90	6.30	3.10	4.606 +
November -	3.19	4.95	1.99	3.10	4.00	3.00	5.80	2.05	2.70	4.10	3.488
December -	3.85	2.28	3.10	2.85	2.60	1.00	4.80	3.50	0.42	5.10	3.830
TOTALS -	39.76	36.59	44.33	41.87	34.41	31.35	45.65	32.65	35.22	41.00	38.303

1865 May 22^d 3.00 F

1869 Dec: - the excess of this gauge was caused by a snowdrift,
 which was lighter over the new one

RAINFALL AT *Preston**Shot. Morris**Harwich House*Rain { By
Gauge {
Diameter.....*1.2*.....in.Height above Ground, ft. *0*... in.Above Mean Sea Level, *23*..... ft.

YEAR								<i>1867</i>	<i>1868</i>	<i>1869</i>	MEANS.
January								<i>3.60</i>	<i>2.90</i>	<i>4.50</i>	
February								<i>2.30</i>	<i>2.20</i>	<i>4.65</i>	
March								<i>1.00</i>	<i>3.80</i>	<i>1.25</i>	
April								<i>3.90</i>	<i>2.00</i>	<i>1.75</i>	
May								<i>1.60</i>	<i>1.65</i>	<i>3.95</i>	
June								<i>1.10</i>	<i>.45</i>	<i>1.60</i>	
July								<i>3.25</i>	<i>.30</i>	<i>1.25</i>	
August								<i>2.30</i>	<i>3.55</i>	<i>2.15</i>	
September ...								<i>2.90</i>	<i>1.25</i>	<i>7.40</i>	
October								<i>6.00</i>	<i>6.40</i>	<i>3.20</i>	
November ...								<i>2.10</i>	<i>2.80</i>	<i>4.10</i>	
December								<i>3.60</i>	<i>0.40</i>	<i>4.40</i>	
TOTALS.....								<i>33.65</i>	<i>35.70</i>	<i>40.20</i>	

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RAINFALL AT *Preston Howick House*

Lat..... Lon..... County of *Lancashire*
Angley Rain Gauge, by..... Observer *Thos. Watson Esq.*

Diameter	1.0											
Height6											
Altitude	73.											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.30	1.50										
February.....	1.10	3.25										
March.....	2.30	2.25										
April.....	1.70	2.50										
May.....	1.60	1.75										
June.....	1.70	2.40										
July.....	1.70	5.00										
August.....	3.25	2.20										
September.....	3.10	3.00										
October.....	10.85	6.95	<i>dead</i>									
November.....	3.00	1.45										
December.....	2.35	3.25										
TOTALS	34.95	35.50										

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