

RAINFALL AT *Thelwall* *Higginbotham*

Lat.

Lon.

County of *Cheshire*Rain Gauge, by Observer *L. G. Rylands Esq.**upper measy - 1.*

Diameter			5								
Height			1								
Altitude			118	118							
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			4.43	2.57	2.62	3.62	1.35	4.13	3.15	1.50	
February.....			2.71	4.4	1.07	7.6	3.23	3.14	1.44	2.74	
March			2.36	3.39	1.71	4.9	2.67	2.04	1.25	1.27	
April.....			2.56	.64	.95	4.9	2.59	2.32	1.66	3.03	
May			2.02	1.42	1.94	1.80	1.28	2.74	4.31	2.26	
June.....			5.94	1.81	.85	2.91	3.59	1.08	2.62	4.25	
July			5.78	2.72	2.66	4.71	2.35	6.53	.71	2.92	
August			3.25	3.04	3.80	2.23	3.08	4.77	4.76	4.35	
September.....			5.35	2.42	2.86	4.34	3.69	3.03	3.57	3.49	
October.....			5.45	3.46	3.26	5.17	2.19	3.45	3.22	1.51	
November.....			3.69	1.90	4.27	3.20	3.83	5.20	1.82	.83	
December.....			3.98	.72	2.58	1.00	4.53	2.81	2.10	1.54	
TOTALS	22.50	22.50	47.52	24.53	28.57	30.62	34.38	41.24	30.61	29.69	(31.81)

*Lymm church 1 mile E.**Grappenhall ch. 1 mile W.*

1870 + 1871 computed from Bowdler The Beeches
 & Altrincham Barrington House

RAINFALL AT *Thelwall (Highfields)*

70

Lat. _____

Lon. _____

County of *Cheshire*

London Rain Gauge, by _____

Observer *T. G. Rylands Esq*

Upper measure - f. Monthly

Diameter....								5	.	.	
Height								7	-	.	
Altitude								118	.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								4.13	3.15	1.58	
February. . .								3.16	1.44	2.86	
March								2.08	1.24	1.28	
April								2.33	1.61	2.89	
May								2.74	4.29	2.24	
June								1.10	2.55	4.23	
July.....								6.49	.71	2.92	
August								4.78	4.76	4.35	
September ..								2.99	3.57	3.51	
October								3.43	3.23	1.55	
November ..								5.19	1.84	.86	
December ..								2.84	2.07	1.64	
TOTALS ..								41.26	30.46	29.91	

29.91

RAINFALL AT *Thelwall, Highfields*

80

Lat. _____

Lon. _____

County of _____

Cheshire

Rain Gauge, by _____

Observer *J. G. Rylands, Esq*

upper measy - 1.

Diameter	5											
Height	1.0											
Altitude	118 ft											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	53	51	2.53	3.65	3.22	1.53	4.22	2.12	1.41	1.07	2.079	
February	1.74	4.04	2.09	1.72	2.22	2.44	90	49	.70	1.77	1.811	
March	1.72	3.01	1.67	1.23	2.21	1.96	1.71	1.57	1.97	1.90	1.889	
April	1.10	1.17	3.33	1.62	.96	1.30	1.48	.85	1.03	2.40	1.524	
May	2.23	3.20	1.74	.81	1.65	1.90	5.98	1.96	.64	2.95	2.306	
June	2.89	2.14	5.06	4.03	1.02	2.63	1.66	1.18	2.51	1.09	2.411	
July	4.24	3.45	4.84	2.75	2.85	1.42	2.68	.99	5.53	3.90	3.265	
August	2.28	3.83	2.89	1.93	1.63	1.87	1.72	1.76	2.79	5.06	2.576	
September....	3.34	2.00	1.85	4.83	2.77	3.91	4.37	4.32	.99	2.67	3.105	
October	3.48	2.88	3.03	4.92	1.43	5.38	5.15	1.98	1.10	2.68	3.203	
November....	3.50	2.84	5.15	3.03	1.84	2.89	2.21	1.14	4.75	2.58	2.993	
December	5.39	3.65	4.06	1.92	2.90	1.60	4.09	2.61	1.92	2.30	3.044	
TOTALS	32.44	32.72	38.24	32.44	24.70	28.73	36.17	20.91	25.34	30.37	30.206	

RAINFALL AT *Thelwall, Highfield* 80

Lat. _____

Lon. _____

 County of *Cheshire*
Snowdon Rain Gauge, by

 Observer *T. G. Rylands, Esq.*
upper menag. - 1.
Monthly

Diameter	<i>5"</i>										
Height	<i>1. 0</i>										
Altitude	<i>118</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.55</i>	<i>.36</i>	<i>2.54</i>	<i>3.67</i>	<i>3.22</i>	<i>1.53</i>	<i>4.22</i>	<i>2.08</i>	<i>1.24</i>	<i>1.07</i>	<i>2.048</i>
February	<i>1.74</i>	<i>4.09</i>	<i>2.12</i>	<i>1.74</i>	<i>2.25</i>	<i>2.43</i>	<i>.90</i>	<i>.49</i>	<i>.68</i>	<i>1.77</i>	<i>1.821</i>
March	<i>1.75</i>	<i>3.07</i>	<i>1.72</i>	<i>1.22</i>	<i>2.21</i>	<i>1.96</i>	<i>1.72</i>	<i>1.57</i>	<i>1.97</i>	<i>1.90</i>	<i>1.903</i>
April	<i>1.09</i>	<i>1.17</i>	<i>3.33</i>	<i>1.61</i>	<i>.97</i>	<i>1.32</i>	<i>1.48</i>	<i>.84</i>	<i>1.01</i>	<i>2.40</i>	<i>1.522</i>
May	<i>2.22</i>	<i>3.25</i>	<i>1.73</i>	<i>.81</i>	<i>1.66</i>	<i>1.90</i>	<i>6.00</i>	<i>1.95</i>	<i>.64</i>	<i>2.93</i>	<i>2.309</i>
June	<i>2.88</i>	<i>2.15</i>	<i>5.14</i>	<i>4.02</i>	<i>1.02</i>	<i>2.54</i>	<i>1.68</i>	<i>1.18</i>	<i>2.50</i>	<i>1.08</i>	<i>2.419</i>
July	<i>4.24</i>	<i>3.52</i>	<i>4.84</i>	<i>2.75</i>	<i>2.85</i>	<i>1.40</i>	<i>2.67</i>	<i>1.00</i>	<i>5.50</i>	<i>3.88</i>	<i>3.265</i>
August	<i>2.29</i>	<i>3.82</i>	<i>2.95</i>	<i>1.93</i>	<i>1.62</i>	<i>1.91</i>	<i>1.70</i>	<i>1.74</i>	<i>2.78</i>	<i>5.03</i>	<i>2.577</i>
September....	<i>3.37</i>	<i>2.02</i>	<i>1.90</i>	<i>4.84</i>	<i>2.76</i>	<i>3.87</i>	<i>4.38</i>	<i>4.30</i>	<i>.99</i>	<i>2.73</i>	<i>3.116</i>
October	<i>3.47</i>	<i>2.87</i>	<i>3.07</i>	<i>4.97</i>	<i>1.46</i>	<i>5.38</i>	<i>5.16</i>	<i>1.92</i>	<i>1.11</i>	<i>2.66</i>	<i>3.206</i>
November....	<i>3.56</i>	<i>2.90</i>	<i>5.15</i>	<i>3.66</i>	<i>1.90</i>	<i>2.89</i>	<i>2.22</i>	<i>1.12</i>	<i>4.67</i>	<i>2.57</i>	<i>3.004</i>
December	<i>5.41</i>	<i>3.62</i>	<i>4.06</i>	<i>1.94</i>	<i>2.90</i>	<i>1.66</i>	<i>4.07</i>	<i>2.60</i>	<i>1.94</i>	<i>2.31</i>	<i>3.051</i>
TOTALS	<i>32.57</i>	<i>32.84</i>	<i>38.55</i>	<i>32.56</i>	<i>24.82</i>	<i>28.79</i>	<i>36.19</i>	<i>20.73</i>	<i>25.03</i>	<i>30.33</i>	<i>30.241</i>

Grapenhall Church 1 mile W.S.W

RAINFALL AT Thelwall Highfields

Lat. 53° 22' 26" N Lon. 2° 31' 10" W County of Cheshire

Rain Gauge, by Appleby - 1. Observer J. G. Rylands Esq

Diameter	5										
Height	10										
Altitude	118 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.81	1.78	3.08	1.03	1.75	2.55	1.15	1.29	1.59	2.91	1.994
February ....	.66	.18	1.91	2.87	3.53	.29	1.45	2.64	1.71	.99	1.623
March	2.30	1.35	.81	.51	2.12	2.94	3.45	2.42	.68	1.45	1.803
April	1.43	1.85	1.16	.50	1.55	1.86	1.41	2.19	1.50	2.57	1.602
May	2.13	2.53	2.84	2.04	2.09	.41	.36	1.82	3.71	2.13	2.006
June	3.01	2.78	3.37	1.42	2.27	2.81	2.03	2.86	2.61	2.04	2.520
July	1.97	2.67	2.61	3.48	2.71	4.58	2.03	1.57	.47	1.68	2.377
August	3.64	5.21	3.62	2.28	3.64	3.10	2.44	2.93	4.32	1.13	3.231
September ...	1.07	3.23	3.48	3.63	1.14	1.72	5.00	4.24	.68	3.77	2.796
October	1.81	3.71	4.53	3.03	2.92	3.55	4.23	1.95	3.58	3.31	3.262
November	5.12	2.66	2.10	1.40	1.76	2.87	1.19	4.10	1.68	1.01	2.387
December ....	.45	4.88	1.96	3.16	2.42	2.40	3.94	3.45	2.43	2.53	2.762
TOTALS	26.40	32.83	31.47	25.35	27.90	29.08	28.68	31.46	24.96	25.52	28.365

1880

RAINFALL AT Thelwall Highfields

Lat. _____

Lon. _____

County of _____

Cheshire

Rain Gauge, by _____

Observer _____

W. Rylands Esq

U. May - 1. Monthly

Diameter	5											
Height	10											
Altitude	118 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.80	1.77	3.07	1.05	1.76	2.53	1.15	1.30	1.60	2.98	2.001	
February ....	.66	.18	1.89	2.88	3.58	.29	1.45	2.64	1.70	1.00	1.627	
March	2.27	1.35	.83	.51	2.12	2.94	3.45	2.53	.68	1.46	1.814	
April	1.41	1.84	1.17	.50	1.55	1.86	1.43	2.19	1.52	2.57	1.604	
May	2.11	2.51	2.83	2.04	2.10	.41	.36	1.90	3.73	2.13	2.012	
June	2.97	2.77	3.30	1.43	2.26	2.81	2.03	2.89	2.62	2.04	2.512	
July	1.96	2.63	2.61	3.47	2.72	4.58	2.03	1.57	.47	1.68	2.272	
August	3.64	5.20	3.61	2.28	3.64	3.11	2.43	2.90	4.35	1.14	3.220	
September	1.08	3.25	3.47	3.62	1.14	1.72	5.04	4.24	.67	3.77	2.800	
October	1.81	3.71	4.51	3.03	2.92	3.55	4.23	1.95	3.57	3.34	3.262	
November	5.10	2.67	2.10	1.41	1.76	2.87	1.19	4.12	1.68	1.04	2.394	
December ....	.45	4.84	1.95	3.16	2.42	2.39	3.97	3.45	2.45	2.57	2.765	
TOTALS	26.26	32.72	31.34	25.38	27.97	29.06	28.76	31.68	25.04	25.72	28.393	

1891 Grappeshall Church 1 mile W 1880