

RAINFALL AT Eccleston Elswick Lodge

Lat.....

Lon.....

County of Lancashire.....

Rain Gauge, by.....

Observer L. King Esq.....

In 1881-1915

35.0

Diameter			10									
Height			1.8	1.4								
Altitude			50	53	50		55					
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....			5.99	4.83	3.51	4.75	1.58	5.95	2.69	1.53		
February.....			3.54	.89	1.49	.86	4.09	3.86	1.93	2.92		
March.....			4.39	3.43	1.95	.71	2.16	2.86	1.23	1.36		
April.....			2.42	.52	1.13	.69	2.64	2.71	1.57	1.49		
May.....			1.45	2.06	1.05	2.05	.32	2.77	4.42	2.19		
June.....			4.94	2.37	.76	4.43	3.47	2.21	4.37	3.61		
July.....			4.88	4.26	2.30	5.19	2.92	6.05	.74	4.80		
August.....			3.85	3.81	5.68	2.95	3.59	6.38	5.04	6.28		
September.....			6.99	2.17	4.02	4.97	4.32	4.56	4.23	3.49		
October.....			5.93	5.44	6.29	4.40	2.63	5.74	4.19	1.99		
November.....			4.09	1.86	4.44	4.75	3.34	5.84	3.04	.81		
December.....			3.42	1.31	3.35	1.73	4.79	5.24	2.14	1.74		
TOTALS.....	(35.00)	(36.00)	57.89	92.95	35.97	37.78	33.85	54.17	35.59	32.21	(38.74)	

1878 House & trees 20 to 30 ft high about the same distance from the gauge 3.1.1880 My rain gauge is in a rather confined situation but I do not like to move it, as it would not then compare with former years. I have for a short time had a 5 in gauge in a more open situation but find very little difference between the two.

1879 Trees 45 ft high 40 ft E.S. & W.

House 35 ft 30 ft N.

1870 & 1871 estimated from Kirkham, Weston, & Gaistang, Vale House

RAINFALL AT *Eccleston, Elswick Lodge*

80

Lat. _____

Lon. _____

County of _____

Lancashire

Rain Gauge, by _____

Observer *S. King, Esq.*

Wye 6.5

Diameter	<i>10</i>											
Height	<i>1.4</i>											
Altitude	<i>53° T</i>								50 T			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.64</i>	<i>.52</i>	<i>2.32</i>	<i>5.04</i>	<i>4.27</i>	<i>2.15</i>	<i>3.95</i>	<i>2.53</i>	<i>1.26</i>	<i>1.06</i>	<i>2.374</i>	
February	<i>2.14</i>	<i>4.46</i>	<i>1.75</i>	<i>2.17</i>	<i>2.57</i>	<i>3.77</i>	<i>1.31</i>	<i>2.04</i>	<i>.62</i>	<i>1.78</i>	<i>2.261</i>	
March	<i>2.48</i>	<i>3.16</i>	<i>2.61</i>	<i>1.16</i>	<i>2.90</i>	<i>3.15</i>	<i>2.93</i>	<i>2.13</i>	<i>2.40</i>	<i>1.61</i>	<i>2.453</i>	
April	<i>1.16</i>	<i>1.38</i>	<i>4.21</i>	<i>2.15</i>	<i>.96</i>	<i>1.52</i>	<i>2.29</i>	<i>1.09</i>	<i>1.34</i>	<i>2.38</i>	<i>1.848</i>	
May	<i>2.08</i>	<i>3.76</i>	<i>1.93</i>	<i>1.11</i>	<i>1.88</i>	<i>1.58</i>	<i>4.02</i>	<i>1.41</i>	<i>1.37</i>	<i>3.28</i>	<i>2.242</i>	
June	<i>4.08</i>	<i>3.47</i>	<i>4.35</i>	<i>3.10</i>	<i>.72</i>	<i>1.79</i>	<i>1.68</i>	<i>.72</i>	<i>1.62</i>	<i>.59</i>	<i>2.212</i>	
July	<i>3.02</i>	<i>4.89</i>	<i>6.11</i>	<i>2.65</i>	<i>5.03</i>	<i>1.85</i>	<i>5.08</i>	<i>2.51</i>	<i>6.67</i>	<i>2.38</i>	<i>4.019</i>	
August	<i>1.76</i>	<i>7.19</i>	<i>4.16</i>	<i>2.75</i>	<i>2.81</i>	<i>1.93</i>	<i>1.84</i>	<i>2.05</i>	<i>3.23</i>	<i>5.10</i>	<i>3.282</i>	
September....	<i>4.13</i>	<i>2.28</i>	<i>1.99</i>	<i>5.73</i>	<i>3.57</i>	<i>5.80</i>	<i>4.56</i>	<i>4.06</i>	<i>1.47</i>	<i>3.07</i>	<i>3.660</i>	
October	<i>2.48</i>	<i>2.04</i>	<i>4.78</i>	<i>4.18</i>	<i>2.37</i>	<i>4.11</i>	<i>5.19</i>	<i>2.42</i>	<i>2.75</i>	<i>3.69</i>	<i>3.401</i>	
November....	<i>3.86</i>	<i>4.97</i>	<i>5.50</i>	<i>4.19</i>	<i>1.71</i>	<i>3.09</i>	<i>3.46</i>	<i>2.39</i>	<i>4.31</i>	<i>1.50</i>	<i>3.498</i>	
December	<i>5.25</i>	<i>4.07</i>	<i>3.17</i>	<i>2.09</i>	<i>4.29</i>	<i>1.47</i>	<i>5.04</i>	<i>2.11</i>	<i>1.93</i>	<i>2.87</i>	<i>3.229</i>	
TOTALS	<i>33.08</i>	<i>42.19</i>	<i>42.88</i>	<i>36.32</i>	<i>33.02</i>	<i>32.21</i>	<i>41.35</i>	<i>25.46</i>	<i>28.97</i>	<i>29.31</i>	<i>34.479</i>	

1880. St. Anne's 1¹/₂ mile W.N.W.
1882 Trees & House 30ft high 30ft all sides
1887 Gauge moved in Spring about 20 yards W

RAINFALL AT Eccleston Elswick Lodge

80

Lat.

Lon. County of Lancashire

Rain Gauge, by

Observer S. King, Esq

Wye & Co. 5

Diameter		5									
Height		1.0									
Altitude		55 T						50 T			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....		.53	2.15	5.40	4.54	2.35	4.26	2.69	1.32	1.34	
February		4.67	1.74	2.36	2.75	3.99	1.39	2.19	.59	2.12	
March		3.29	2.70	1.19	2.98	3.20	3.46	2.18	2.62	1.81	
April		1.36	4.05	2.22	1.02	1.39	2.42	1.15	1.29	2.46	
May		3.73	1.98	1.13	2.00	1.59	4.09	1.49	1.52	3.11	
June		3.25	4.07	3.10	.71	1.74	1.75	.71	1.61	.56	
July		4.75	5.79	2.66	4.81	1.83	5.14	2.53	6.94	2.43	
August		7.04	3.80	2.83	2.70	1.88	1.87	2.13	3.29	5.27	
September		2.28	1.91	5.72	3.49	5.82	4.62	4.12	1.58	3.23	
October		1.08	4.54	4.08	2.13	4.03	5.23	2.51	2.99	3.76	
November		4.88	5.04	4.10	1.91	3.78	3.42	2.58	4.80	1.77	
December		3.83	3.05	1.92	4.19	1.53	5.20	2.25	2.49	3.23	
TOTALS		41.59	40.82	36.71	33.23	32.53	42.85	26.53	31.04	31.09	

1887

Building 25 ft high 35 ft NW
 " 15 ft .. " N

80

RAINFALL AT Eccleston Elswick Lodge

Lat.

Lon.

County of

Lancashire

Rain Gauge, by

Observer

S King Esq

Wyre 6.5

Diameter									5			
Height									5.6	6.0		
Altitude									50 T	60	56 T	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January								2.60	1.24	1.19		
February								2.06	.54	1.92		
March								2.24	2.72	1.75		
April								1.11	1.25	2.40		
May								1.45	1.40	3.22		
June .....								.72	1.53	.57		
July								2.46	6.64	2.41		
August								2.11	3.13	5.17		
September...								4.05	1.45	3.17		
October								2.33	3.01	3.70		
November...								2.55	4.50	1.61		
December...								2.24	2.43	2.99		
TOTALS								25.92	29.84	30.10		

1887

Building 35 ft high +35 N

15 ft

NE

RAINFALL AT Eccleston Clowick Lodge

Lat. _____

Lon. _____

County of _____

Lancashire

Rain Gauge, by _____

Observer _____

S. King Esq

Wye & Co. Old.

Diameter	10					6	5					
Height	14											
Altitude	50 T						52					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.18	1.28	2.51	1.70	2.43	2.30	1.50	1.20	3.27	4.18	2.458	
February ....	.67	.17	1.85	3.92	4.15	.26	1.21	2.07	1.87	2.02	1.789	
March	3.13	.72	.86	.61	2.32	3.55	4.17	3.09	.47	2.58	2.150	
April	1.18	1.95	1.27	.38	1.14	2.13	1.73	2.60	2.18	2.91	1.947	
May	2.28	1.71	4.03	1.66	2.49	.64	.45	1.46	3.27	3.00	2.099	
June	3.35	1.97	2.80	1.15	3.60	1.73	3.08	5.61	1.87	1.82	2.698	
July	2.95	2.66	1.48	3.72	2.30	4.13	5.52	1.76	.49	1.95	2.696	
August	5.36	9.54	5.84	3.61	4.85	4.18	3.33	4.25	5.44	1.64	4.804	
September...	4.01	5.60	4.81	4.65	.51	1.34	4.91	3.69	1.34	5.47	3.633	
October.....	2.69	3.06	4.23	5.69	3.30	4.73	4.18	2.09	3.74	3.38	3.709	
November...	5.09	4.21	2.72	1.66	3.09	2.71	1.22	4.74	3.37	2.24	3.105	
December....	.63	5.22	2.06	3.01	2.89	2.73	3.88	2.94	3.51	2.82	2.969	
TOTALS	35.52	38.09	34.16	31.76	33.07	30.43	35.18	35.50	30.82	34.01	33.854	

1890 St Ann's Cop 1 mile W.N.W

1880-

Trees 40 to 50 ft high 40 to 50 ft all ways
Shrubs " " " "

1894 Jan 3^d There is considerable difference between the 10 in. & 5 in. gauges. The former is not well placed as there are shrubs & trees too near but it has been similarly situated from the first and to remove it would break the record. It has also a shallower funnel than the other gauges and no doubt loses something by splashing & rebound of hail.

(sig) S. King

1895 The old 10 in gauge being worn out replaced by a 6 in gauge in same position

RAINFALL AT Eccleston Elswick Lodge Field

Lat. _____

Lon. _____

County of _____

Lancashire

Inscribed Rain Gauge, by _____

Observer _____

S. King Esq

Wye & Co

Diameter	5											
Height	10											
Altitude	505											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.21	1.61	3.10	1.86	3.03	2.70	1.88	1.45	3.58	4.64	2.906	
February ....	.73	.23	2.12	4.63	6.08	.31	1.51	3.12	2.33	2.16	2.222	
March	3.73	.98	.99	.76	2.70	3.82	4.64	4.30	.53	2.93	2.538	
April	1.21	2.14	1.18	.40	1.15	2.35	1.82	3.03	2.37	3.53	1.918	
May	2.36	1.81	4.20	1.68	2.53	.58	.45	1.61	3.37	3.18	2.177	
June	3.40	1.87	2.87	1.12	3.76	1.80	3.07	5.96	1.91	1.88	2.764	
July	3.07	2.74	1.57	3.71	2.29	4.13	5.58	1.67	.48	2.07	2.731	
August	5.47	9.76	5.92	3.76	5.05	4.28	3.39	4.21	5.81	1.69	4.924	
September	4.15	5.81	4.84	4.77	.50	1.35	5.21	3.78	1.36	5.55	3.732	
October	3.01	3.74	4.61	5.90	3.66	4.79	4.40	2.22	3.85	3.66	3.984	
November	6.26	4.59	3.16	2.04	3.86	3.23	1.58	5.61	4.26	2.68	3.737	
December ....	.70	6.37	2.32	3.69	3.70	3.57	5.31	3.69	4.34	3.27	3.706	
TOTALS . . .	39.30	41.65	36.88	34.32	37.31	32.91	38.84	40.65	34.29	37.34	37.349	

RAINFALL AT Eccleston Elswick Lodge Field

Lat. _____

Lon. _____

County of _____

Lancashire

Surveyed Rain Gauge, by _____

Observer _____

S. King Esq

Wyre & Co. 5

Diameter	5											
Height	6 0									6 6		
Altitude	56 I											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.92	1.50	2.89	1.79	2.84	2.51	1.78	1.31	3.42	4.64	2.760	
February ....	.68	.17	1.48	4.47	4.93	.29	1.37	2.91	2.16	2.15	2.061	
March	3.27	.75	.89	.71	2.61	3.72	4.37	4.06	.46	2.86	2.370	
April	1.10	2.13	1.18	.36	1.10	2.26	1.69	2.67	2.25	3.28	1.802	
May	2.27	1.73	4.13	1.64	2.24	.52	.38	1.42	3.00	3.17	2.050	
June	3.30	1.86	2.83	1.13	3.55	1.74	2.87	5.73	1.91	1.83	2.675	
July	2.92	2.60	1.51	3.75	2.00	4.00	5.56	1.67	.47	2.06	2.654	
August	5.26	9.48	5.82	3.80	4.93	4.18	3.26	4.18	5.58	1.62	4.811	
September....	3.92	5.66	4.74	4.66	.49	1.28	5.00	3.65	1.38	5.54	3.632	
October	2.62	3.56	4.37	5.74	3.49	4.69	4.24	2.13	3.87	3.70	3.841	
November....	5.91	4.46	3.08	1.89	3.57	3.02	1.45	5.10	4.10	2.59	3.517	
December ....	.71	5.90	2.25	3.50	3.56	3.30	4.81	3.43	4.10	3.20	3.476	
TOTALS	36.88	39.80	35.17	33.44	35.31	31.51	36.78	38.26	32.70	36.64	35.649	