

RAINFALL AT Eccleston Elswick Lodge

Lat..... Long..... County of Lancashire
 Rain Gauge, by..... Observer S. King Esq.

AN 1881-1885 35.0

Diameter	10									
Height	1.8 1.4									
Altitude	50 55 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.....	3.57	1.89	1.49	1.86	4.09	3.86	1.93	2.92		
March.....	4.39	3.43	1.95	1.71	2.16	2.86	1.23	1.36		
April.....	2.42	1.52	1.13	1.69	2.64	2.71	1.57	1.49		
May.....	1.45	2.06	1.05	2.05	3.32	2.77	4.42	2.19		
June.....	4.94	2.37	1.76	4.43	3.47	2.21	4.37	3.61		
July.....	4.88	4.26	2.30	5.49	2.92	6.05	7.74	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	1.51	3.35	1.73	4.79	5.24	2.14	1.74		
TOTALS.....	(35.00)	(36.00)	57.89	32.95	35.97	37.78	35.85	54.17	35.59	32.21 (38.74)

C

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, Westton,
 & Garsdale, Vale House

RAINFALL AT *Eccleston, Elswick Lodge*
 Lat. _____ Lon. _____ County of *Lancashire*
 Rain Gauge, by _____ Observer *S. King, Esq.*

Wyre 6.5

Diameter	10											
Height	1.4											
Altitude	537											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEAN.	
January	64	52	232	5.04	4.27	2.15	3.95	2.53	1.26	1.06	2.374	
February	2.14	4.46	1.75	2.17	2.57	3.77	1.31	2.04	.62	1.78	2.261	
March	2.48	3.16	2.61	1.16	2.90	3.15	2.93	2.13	2.40	1.61	2.453	
April	1.16	1.38	4.21	2.15	.96	1.52	2.29	1.09	1.34	2.38	1.848	
May	2.08	3.76	1.93	1.11	1.88	1.58	4.02	1.41	1.37	3.28	2.242	
June	4.08	3.47	4.35	3.10	.72	1.79	1.68	.72	1.62	.59	2.212	
July	3.02	4.89	6.11	2.65	5.03	1.85	5.08	2.51	6.67	2.38	4.019	
August	1.76	7.19	4.16	2.75	2.81	1.93	1.84	2.05	3.23	5.10	3.282	
September	4.13	2.28	1.99	5.73	3.57	5.80	4.56	4.06	1.47	3.07	3.660	
October	2.48	2.04	4.78	4.18	2.37	1.11	5.79	2.42	2.75	3.69	3.401	
November	3.86	4.97	5.50	4.19	1.71	3.09	3.46	2.39	4.31	1.50	3.498	
December	5.25	4.07	3.17	2.09	4.29	1.47	5.04	2.11	1.93	2.87	3.229	
TOTALS	33.08	42.19	42.88	36.32	33.02	32.21	41.35	35.46	28.97	29.31	34.479	

1880. St. Anne's 1 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	557									
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	1.71	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	35.23	32.53	42.85	26.53	31.04	31.09	

1887

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

RAINFALL AT Eccleston Elswicet Lodge

Lat.

Len.

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	
June72	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 Cawick Lodge

Lat.

Long.

County of Lancashire

Rain Gauge, by

Observer

S. King Esq

Wye & 6 5 Old.

Diameter	10					6	5				
Height	14										
Altitude	50 T						52				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEAN.
January	4.18	1.28	2.51	1.70	2.43	2.30	1.50	1.20	3.27	4.18	2.456
February67	.17	1.55	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	3.639
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 Anns Cop 1 mile W.N.W.

1890-

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

Shrubs " "

1894 Jan 3rd 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 Oldwick Lodge Field

Lat.

Lon.

County of Lancashire

Snowden Rain Gauge, by

Observer S. King Esq

Wyeor 65

Diameter	5										
Height	10										
Altitude	50 T										
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
February73	.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	11.921
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	3.981
November	6.26	4.59	3.16	2.04	3.86	3.23	1.58	5.61	4.26	2.68	3.727
December70	6.37	2.32	3.69	3.70	3.57	5.31	3.69	4.34	3.37	3.706
TOTALS	39.30	41.65	36.88	34.32	37.31	32.91	38.84	40.65	34.29	37.34	37.344

RAINFALL AT Eccleston Clowick Lodge Field

Lat.

Lon.

County of

Lancashire

Standard Rain Gauge, by

Observer

S King Esq

Wyre & 6.5

Diameter	5										
Height	6 0									6.0	
Altitude	56 T										
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
February68	.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	2.870
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	5.682
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	2.519
December71	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