

RAINFALL AT Cartmel Broughton Hall

Lat.....

Lon.....

County of.....LancashireRain Gauge, by..... Observer Capt. Dunsforth

Diameter.....	1.5	.										
Height.....	2	.8	.									
Altitude.....	230.0	.										
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	5.00	2.64	9.97	6.88	5.71	7.43	3.39	8.35	5.30	2.48	5.715	
February.....	2.94	5.10	5.97	1.05	2.88	1.40	5.77	4.10	3.07	3.61	3.597	
March.....	2.43	2.62	5.30	3.95	3.79	1.25	4.03	4.05	2.20	2.58	3.220	
April.....	1.99	3.98	2.16	.86	1.29	1.68	3.23	2.68	2.73	1.6	2.224	
May.....	3.59	1.70	1.79	3.31	1.23	2.48	.46	3.31	4.61	2.02	2.459	
June.....	2.01	2.06	5.86	2.49	2.13	5.53	4.86	2.65	4.87	6.01	3.847	
July.....	1.91	5.43	5.95	5.31	2.26	3.24	4.10	5.62	.82	6.36	4.100	
August.....	2.03	3.61	5.68	7.31	7.95	3.92	3.68	6.44	6.27	4.56	5.147	
September.....	3.59	5.05	10.35	3.56	5.81	7.20	5.25	4.41	5.62	5.14	5.598	
October.....	11.57	7.26	7.64	8.05	10.92	5.48	3.96	8.91	5.47	2.77	7.203	
November.....	3.58	1.22	5.81	2.95	5.03	7.06	3.44	8.74	2.60	1.06	4.149	
December.....	2.61	5.99	4.58	2.49	3.53	2.88	7.06	6.11	2.61	3.15	4.101	
TOTALS.....	43.27	46.74	71.06	48.21	52.53	49.55	49.23	65.37	46.17	41.38	51.351	

Cartmel church $1\frac{1}{4}$ mile S.

RAINFALL AT

Carlisle, Broughton Hall

80

Lat. _____

Lon. _____

County of *Lancashire*

Rain Gauge, by _____

Observer *Col. Ainsworth, M.S.*

Leven + 6.2.

Diameter	<i>5</i>											
Height	<i>2.8</i>											
Altitude	<i>210T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.66</i>	<i>.99</i>	<i>3.53</i>	<i>7.79</i>	<i>7.77</i>	<i>2.97</i>	<i>4.13</i>	<i>3.57</i>	<i>2.43</i>	<i>3.78</i>	<i>3.792</i>	
February	<i>3.63</i>	<i>5.17</i>	<i>4.74</i>	<i>2.94</i>	<i>3.07</i>	<i>5.27</i>	<i>1.90</i>	<i>2.30</i>	<i>1.06</i>	<i>3.05</i>	<i>3.313</i>	
March	<i>2.80</i>	<i>5.67</i>	<i>4.14</i>	<i>1.14</i>	<i>4.02</i>	<i>5.40</i>	<i>4.98</i>	<i>2.30</i>	<i>2.89</i>	<i>3.22</i>	<i>3.656</i>	
April	<i>1.88</i>	<i>2.37</i>	<i>4.90</i>	<i>2.25</i>	<i>1.23</i>	<i>2.18</i>	<i>3.03</i>	<i>2.40</i>	<i>1.53</i>	<i>3.04</i>	<i>2.481</i>	
May	<i>2.37</i>	<i>4.80</i>	<i>3.38</i>	<i>1.83</i>	<i>3.66</i>	<i>2.47</i>	<i>5.71</i>	<i>2.06</i>	<i>1.63</i>	<i>3.59</i>	<i>3.150</i>	
June	<i>3.98</i>	<i>5.26</i>	<i>5.15</i>	<i>3.54</i>	<i>.97</i>	<i>1.86</i>	<i>2.25</i>	<i>.39</i>	<i>1.69</i>	<i>1.15</i>	<i>2.624</i>	
July	<i>5.16</i>	<i>7.17</i>	<i>7.62</i>	<i>2.20</i>	<i>7.70</i>	<i>4.14</i>	<i>7.64</i>	<i>2.25</i>	<i>6.81</i>	<i>3.61</i>	<i>5.430</i>	
August	<i>1.62</i>	<i>7.46</i>	<i>4.15</i>	<i>4.94</i>	<i>1.62</i>	<i>2.33</i>	<i>3.17</i>	<i>2.50</i>	<i>4.00</i>	<i>6.00</i>	<i>3.779</i>	
September...	<i>4.64</i>	<i>3.07</i>	<i>2.98</i>	<i>4.76</i>	<i>5.60</i>	<i>6.79</i>	<i>6.98</i>	<i>4.29</i>	<i>1.83</i>	<i>3.08</i>	<i>4.402</i>	
October	<i>1.23</i>	<i>3.06</i>	<i>4.48</i>	<i>5.36</i>	<i>4.17</i>	<i>5.57</i>	<i>7.39</i>	<i>2.41</i>	<i>4.54</i>	<i>5.48</i>	<i>4.369</i>	
November...	<i>6.95</i>	<i>6.47</i>	<i>8.07</i>	<i>6.91</i>	<i>2.15</i>	<i>4.36</i>	<i>5.70</i>	<i>2.93</i>	<i>6.27</i>	<i>2.43</i>	<i>5.224</i>	
December ...	<i>7.32</i>	<i>4.74</i>	<i>4.12</i>	<i>4.28</i>	<i>6.04</i>	<i>2.11</i>	<i>5.13</i>	<i>3.64</i>	<i>4.70</i>	<i>3.97</i>	<i>4.605</i>	
TOTALS	<i>42.24</i>	<i>56.23</i>	<i>57.26</i>	<i>47.94</i>	<i>48.00</i>	<i>45.15</i>	<i>58.31</i>	<i>31.04</i>	<i>39.38</i>	<i>42.40</i>	<i>46.825</i>	

1880 Gauge moved about 30 yards further from the house during the year

RAINFALL AT *Cartmel Broughton Hall*

Lat. _____

Lon. _____

County of *Lancashire*

Rain Gauge, by _____

Observer *Col. Ainsworth*

Seven + 62

Diameter	5											
Height	2 8											
Altitude	210 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.44	3.07	4.93	1.53	4.01	3.21	3.42	1.30	5.14	6.08	4.013	
February	1.02	.41	1.86	6.90	8.86	.68	3.56	3.42	4.15	3.23	3.409	
March	4.59	1.83	1.34	2.04	2.84	5.59	6.33	6.67	1.58	2.40	3.521	
April	1.97	2.82	1.91	.92	1.73	3.26	1.63	3.14	3.77	4.90	2.605	
May	3.69	1.78	5.29	3.37	3.46	.55	.38	2.24	3.88	3.81	2.845	
June	4.04	1.70	2.76	1.67	4.00	2.39	3.43	5.41	3.84	1.79	3.193	
July	4.34	3.54	2.16	5.18	3.56	5.48	4.95	1.56	.69	3.29	3.175	
August	5.46	9.93	8.76	5.28	4.43	4.63	3.46	5.50	8.86	.98	5.729	
September....	5.85	6.82	8.14	5.21	.36	1.30	7.48	5.50	2.33	5.89	4.888	
October	3.26	4.65	4.77	7.30	4.86	5.98	4.99	3.05	5.79	3.92	4.859	
November....	7.55	5.32	4.72	2.71	6.44	4.62	1.84	8.30	4.87	3.91	5.028	
December63	8.39	3.58	4.52	5.58	5.44	7.96	8.65	5.83	3.18	5.276	
TOTALS . . .	49.84	50.26	50.22	46.63	50.13	43.13	49.43	54.74	50.73	43.38	48.849	

1890 Cartmel Priory 1 1/4 mile S

1898 June 25th Gauge moved 250 yards SW

1870-

RAINFALL AT

Cartmel Broughton Hall

Lat.

Lon.

County of

Lancashire North

Rain Gauge, by

Observer

Col. Ainsworth

Leven 2

Diameter ..	5										
Height	2.8										
Altitude ..	225										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.54	2.81	3.08	5.13	5.13						
February ..	4.83	1.10	2.02	3.37	3.63						
March45	3.49	3.00	4.42	3.51						
April	3.11	2.97	1.42	1.79	3.84						
May	2.40	1.78	2.71	4.00	2.58						
June	3.97	2.46	1.20	2.63	1.55						
July	2.63	1.42	3.62	4.95	2.53						
August	6.69	4.64	4.10	7.32	3.54						
September..	3.46	2.00	2.38	8.05	2.85						
October....	8.85	4.19	4.07	9.75	3.57						
November..	4.80	5.83	4.42	4.07	4.38						
December ..	7.53	5.33	4.89	4.21	5.01						
TOTALS ..	55.26	38.02	36.91	59.69	42.12						

Cartmel Field Broughton Church 1 mile S E

Station 3 1/2 " S