

RAINFALL AT *Ravenstonedale*Lat..... Lon..... County of *Westmorland*Rain Gauge, by *Casella* Observer *J. Barnes*

Diameter .....		. 5										
Height		12 $\frac{1}{2}$	1.1		3.1							
Altitude			835							826		
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....			12.91	13.90	6.73	7.87	2.59	7.53	4.06	1.07		
February			6.99	17	3.09	.86	5.74	3.37	1.81	2.05		
March			5.93	3.65	4.34	1.45	4.98	2.27	1.78	3.18		
April.....			3.60	.64	3.52	1.65	2.53	2.35	1.87	1.70		
May			3.56	1.63	2.50	2.14	1.13	2.88	4.40	1.08		
June			4.71	2.91	1.78	3.75	3.28	3.21	3.17	4.79		
July			5.23	4.55	2.24	2.85	2.46	4.24	1.01	4.72		
August.....		#	5.52	4.18	5.44	2.87	3.27	5.65	4.47	4.65		
September....			4.15	8.94	2.91	6.30	4.96	4.54	4.06	4.22	2.75	
October.....			5.58	9.57	4.49	9.79	2.63	3.36	6.08	5.34	1.84	
November.....			1.76	10.30	3.61	2.70	4.58	2.95	7.72	2.60	1.60	
December.....			7.15	6.54	2.81	2.59	4.62	6.38	3.62	1.80	3.18	
TOTALS	(32.00)	39.00	83.80	45.45	51.02	40.23	43.21	52.98	36.53	32.61	(46.28)	

1873 The Rev Mr Barnes took the gauge up to his death
 16th Feby at the Vicarage & I measured what was in
 the bottle of 21st March that is what had fallen
 between 16th Feby & 21st March

1870 & 1871 estimated from Seaburgh Thorne
 at Kirkby Stephen.

RAINFALL AT *Ravenstonedale, Broward*

80

Lat. _____

Lon. _____

County of *Westmoreland*

Rain Gauge, by _____

Observer *J. Fothergill, Esq.*

June - 14

Diameter	<i>5</i>											
Height	<i>3.0</i>											
Altitude	<i>826 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.83</i>	<i>.39</i>	<i>3.49</i>	<i>6.96</i>	<i>7.21</i>	<i>3.12</i>	<i>5.27</i>	<i>3.58</i>	<i>2.51</i>	<i>2.07</i>	<i>3.543</i>	
February	<i>4.63</i>	<i>3.31</i>	<i>4.54</i>	<i>4.58</i>	<i>3.70</i>	<i>6.07</i>	<i>1.38</i>	<i>2.71</i>	<i>.87</i>	<i>2.41</i>	<i>3.420</i>	
March	<i>2.14</i>	<i>3.92</i>	<i>4.17</i>	<i>1.80</i>	<i>2.92</i>	<i>3.27</i>	<i>4.57</i>	<i>1.86</i>	<i>3.89</i>	<i>2.13</i>	<i>3.067</i>	
April	<i>2.05</i>	<i>.70</i>	<i>3.34</i>	<i>1.84</i>	<i>1.36</i>	<i>2.43</i>	<i>4.16</i>	<i>2.46</i>	<i>2.49</i>	<i>2.01</i>	<i>2.284</i>	
May	<i>1.69</i>	<i>3.98</i>	<i>1.81</i>	<i>1.89</i>	<i>3.05</i>	<i>2.53</i>	<i>4.48</i>	<i>1.87</i>	<i>2.88</i>	<i>2.42</i>	<i>2.660</i>	
June	<i>2.91</i>	<i>4.84</i>	<i>4.15</i>	<i>4.87</i>	<i>.54</i>	<i>1.85</i>	<i>1.65</i>	<i>.29</i>	<i>1.66</i>	<i>1.50</i>	<i>2.426</i>	
July	<i>4.52</i>	<i>5.17</i>	<i>6.32</i>	<i>4.65</i>	<i>3.82</i>	<i>1.63</i>	<i>6.93</i>	<i>1.81</i>	<i>5.67</i>	<i>2.76</i>	<i>4.328</i>	
August	<i>1.41</i>	<i>4.81</i>	<i>2.47</i>	<i>2.57</i>	<i>1.40</i>	<i>3.06</i>	<i>2.62</i>	<i>2.18</i>	<i>2.32</i>	<i>4.67</i>	<i>2.751</i>	
September	<i>3.73</i>	<i>2.14</i>	<i>2.09</i>	<i>3.64</i>	<i>3.72</i>	<i>4.91</i>	<i>5.39</i>	<i>4.26</i>	<i>1.69</i>	<i>1.30</i>	<i>3.287</i>	
October	<i>2.02</i>	<i>2.69</i>	<i>3.58</i>	<i>5.99</i>	<i>2.50</i>	<i>3.55</i>	<i>5.80</i>	<i>1.68</i>	<i>3.98</i>	<i>5.69</i>	<i>3.748</i>	
November	<i>5.70</i>	<i>6.05</i>	<i>5.75</i>	<i>4.80</i>	<i>2.47</i>	<i>2.49</i>	<i>3.95</i>	<i>2.97</i>	<i>6.13</i>	<i>1.73</i>	<i>4.204</i>	
December	<i>3.98</i>	<i>5.57</i>	<i>4.69</i>	<i>3.55</i>	<i>6.24</i>	<i>2.13</i>	<i>5.87</i>	<i>4.17</i>	<i>3.59</i>	<i>3.14</i>	<i>4.293</i>	
TOTALS	<i>35.61</i>	<i>43.57</i>	<i>46.40</i>	<i>47.14</i>	<i>38.73</i>	<i>37.04</i>	<i>52.07</i>	<i>29.84</i>	<i>37.68</i>	<i>31.83</i>	<i>40.011</i>	

1881. St. Oswalds Church, Ravenstonedale, 14 miles E.S.E

Rejected from Survey. 8" too low.

RAINFALL AT Ravenstonedale Browder

Lat. _____

Lon. _____

 County of Westmoreland

Rain Gauge, by _____

 Observer J. Fothergill Esq
June - 4.

Diameter	5										
Height	30										
Altitude	826 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.94	3.56	2.80	2.29	5.16	2.13	2.38	1.16	3.96	9.12	4.050
February ....	.84	.16	1.71	6.82	8.87	.32	2.01	4.71	4.13	5.27	3.484
March	3.03	1.84	.80	1.80	4.51	5.56	6.02	7.31	1.76	2.89	3.552
April	1.65	1.47	1.78	.67	2.11	2.88	1.36	3.24	3.60	3.64	2.240
May	3.07	3.08	5.43	2.05	4.10	.72	.70	1.78	2.70	3.51	2.714
June	3.42	1.96	4.50	1.67	2.46	2.28	3.80	2.49	3.05	1.79	2.742
July	2.98	5.69	2.40	4.31	3.15	7.34	3.02	2.15	1.07	4.24	3.635
August	4.36	7.68	7.27	4.49	3.61	6.36	1.97	5.06	5.79	1.67	5.026
September	3.66	5.82	8.55	3.92	1.07	1.09	5.95	5.26	1.23	4.55	4.110
October	1.83	6.36	5.80	4.02	5.01	4.03	4.47	2.92	4.93	4.04	4.341
November	6.21	3.90	3.50	2.68	5.33	6.13	1.28	4.48	3.77	5.36	4.264
December ....	.31	8.52	1.07	5.08	4.81	2.85	4.89	7.41	7.28	2.65	4.487
TOTALS	39.30	52.04	45.61	39.80	50.19	41.69	37.85	47.97	43.27	48.73	44.645

1880 -

Rejected from Survey: 8" too low.

RAINFALL AT Ravenstonedale (Brownlee Newbiggin) R.S.O

Lat. Lon. County of Westmoreland

Line 5 - 14 Rain Gauge, by Observer J. Fothergill Esq

Diameter ..	5									5	
Height	3.0									1.6	
Altitude ..	826 T									842	
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.89									4.56	
February ..	4.13									1.05	
March ....	.72									3.01	
April	3.99									3.02	
May	2.55									.90	
June	4.24									2.05	
July	2.46									3.80	
August	4.14									3.09	
September ..	2.82									1.64	
October	7.49									4.94	
November ..	3.91									[#] 2.74 .92	
December ..	6.54									3.27 5.47	
TOTALS ..	47.88									34.45	

3

1907 Ravenstonedale Station 1/4 mile W
" " Church 1 1/2 " S

This gauge removed from Rev J. M. M. L. P. Vic Ravenstonedale

In 1900. Rejected from survey. 8" too low.

RAINFALL AT Ravenstonedale

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer Rev R.W. Matcalfe

Series 1

Diameter ..		5										
Height		1.2										
Altitude ..		800T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..		2.90	3.38	12.82	9.08	2.99	9.08	2.29				
February ..		1.27	1.08	11.72	4.82	3.79	4.87	4.35				
March		4.85	2.47	11.26	3.85	5.34	4.59	6.11				
April		2.37	2.11	1.03	6.07	5.21	1.84	1.88				
May		1.31	2.41	0.69	4.72	1.87	6.93	5.65				
June		2.49	1.18	1.56	2.48	2.00	2.74	7.99				
July .....		.56	4.31	3.84	1.83	1.50	2.07	2.61				
August		2.42	4.02	6.72	4.97	4.87	6.60	3.45				
September ..		2.75	2.55	6.73	2.60	4.06	1.01	.78				
October		3.47	4.08	11.19	2.66	3.81	9.71	5.08				
November ..		3.44	2.16	2.69	2.50	6.79	5.84	3.60				
December ..		4.87	6.56	5.80	6.10	2.68	2.46	8.40				
TOTALS ..		32.70	36.31	79.05	51.98	45.21	58.04	52.19				

1901 Ravenstonedale Church 200 yards N

Office 10 ft high 9 ft W

1908 Ravenstonedale Station 1 3/4 miles N.W. by W

1908 Observer dead + gauge moved to Broomfield by H. Fothergill
on 31 observations lost -