

# RAINFALL AT *Newick Shrub-Crow*

70

Lat..... Lon..... County of *Cumberland*.....

..... Rain Gauge, by..... Observer... *H. Dawson Esq. dead*  
*W. J. Ferguson*

Diameter.....						12						
Height.....				3.								
Altitude.....				300		278					287	
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....				14.39	7.72	9.37	6.00	12.55	6.45	1.54		
February.....				85	3.81	1.19	5.81	6.02	3.42	3.25		
March.....				3.78	4.92	2.39	6.76	2.87	2.97	4.51		
April.....				36	4.28	1.79	4.33	1.92	1.93	1.95		
May.....				2.13	1.01	3.36	1.00	4.22	4.30	1.37		
June.....				2.31	1.65	4.54	2.40	5.24	2.29	4.57		
July.....				7.09	2.36	4.52	80	4.11	1.39	6.84		
August.....				6.33	8.54	3.38	15.30	6.29	4.80	5.27		
September.....				2.74	8.83	6.67	7.52	4.06	8.79	4.87		
October.....				6.38	15.83	4.81	5.67	9.68	8.58	2.32		
November.....				3.49	4.42	5.96	3.23	14.94	3.41	1.71		
December.....				3.85	3.89	6.03	8.74	7.41	(2.34)	6.23		
TOTALS.....				53.90	67.26	54.01	57.56	79.31	(50.67)	44.43		

1877 gauge not altered in any way since the death of *H. Dawson Esq.* 1876 August rain not registered from 13 $\frac{1}{2}$  to 20 $\frac{1}{2}$  but it is believed that no rain fell

1878 "The rain gauge being out of order during the last fortnight in December the return is copied from the register kept by *M<sup>r</sup> Fisher, Crosthwaite*"

1879 Shrubs about 4 ft high 25 ft distant on all sides

*Crosthwaite* 1 mile N.W.

# RAINFALL AT *Heswick, Shu-le-crow* 80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Cumberland*

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

*Miss Mitchell*
*Derwent - 2*

Diameter ....	<i>12</i>		<i>8</i>						<i>5</i>		
Height .....	<i>3.0</i>		<i>2.6</i>						<i>7</i>		
Altitude ....	<i>287T</i>		<i>296T</i>								
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>1.92</i>	<i>.11</i>	<i>5.09</i>	<i>10.88</i>	<i>9.43</i>	<i>3.92</i>	<i>6.83</i>	<i>6.32</i>	<i>2.97</i>	<i>3.44</i>	
February ....	<i>7.38</i>	<i>4.13</i>	<i>6.30</i>	<i>7.87</i>	<i>7.39</i>	<i>11.02</i>	<i>1.39</i>	<i>4.24</i>	<i>1.15</i>	<i>3.56</i>	
March .....	<i>2.40</i>	<i>5.41</i>	<i>4.96</i>	<i>3.54</i>	<i>6.42</i>	<i>4.26</i>	<i>5.15</i>	<i>1.62</i>	<i>4.35</i>	<i>3.17</i>	
April .....	<i>3.96</i>	<i>1.03</i>	<i>4.93</i>	<i>2.59</i>	<i>1.26</i>	<i>3.82</i>	<i>3.95</i>	<i>3.06</i>	<i>2.87</i>	<i>2.81</i>	
May .....	<i>1.93</i>	<i>5.02</i>	<i>2.40</i>	<i>2.31</i>	<i>5.14</i>	<i>3.34</i>	<i>5.73</i>	<i>2.24</i>	<i>3.97</i>	<i>3.12</i>	
June .....	<i>3.79</i>	<i>5.70</i>	<i>5.01</i>	<i>3.68</i>	<i>1.11</i>	<i>1.78</i>	<i>1.39</i>	<i>.43</i>	<i>1.23</i>	<i>.81</i>	
July .....	<i>5.47</i>	<i>6.56</i>	<i>5.58</i>	<i>4.52</i>	<i>6.69</i>	<i>2.40</i>	<i>5.12</i>	<i>3.84</i>	<i>7.29</i>	<i>2.97</i>	
August .....	<i>1.19</i>	<i>7.35</i>	<i>4.03</i>	<i>4.95</i>	<i>2.28</i>	<i>3.62</i>	<i>2.22</i>	<i>2.39</i>	<i>3.88</i>	<i>6.49</i>	
September....	<i>6.12</i>	<i>2.39</i>	<i>3.63</i>	<i>6.51</i>	<i>6.44</i>	<i>7.87</i>	<i>8.68</i>	<i>5.72</i>	<i>1.61</i>	<i>3.81</i>	
October .....	<i>2.64</i>	<i>3.89</i>	<i>3.63</i>	<i>8.10</i>	<i>3.37</i>	<i>7.75</i>	<i>6.85</i>	<i>3.10</i>	<i>7.16</i>	<i>6.58</i>	
November....	<i>9.47</i>	<i>8.48</i>	<i>9.35</i>	<i>8.31</i>	<i>2.44</i>	<i>3.40</i>	<i>6.04</i>	<i>4.19</i>	<i>10.23</i>	<i>2.98</i>	
December ....	<i>6.75</i>	<i>5.71</i>	<i>4.00</i>	<i>5.89</i>	<i>7.26</i>	<i>3.26</i>	<i>7.12</i>	<i>5.19</i>	<i>7.94</i>	<i>5.90</i>	
TOTALS ....	<i>52.02</i>	<i>55.78</i>	<i>62.11</i>	<i>69.15</i>	<i>59.17</i>	<i>56.44</i>	<i>60.47</i>	<i>42.34</i>	<i>54.65</i>	<i>45.64</i>	<i>55.87</i>

1880. *Crothwaite* 1 mile <sup>w</sup>  
N.W.

1881 Gauge out of repair during part of June & July  
amounts computed

1880 Decr. gauge moved.

1882. Wall and shrubs 5 ft. 6 in high 58 ft. W

# RAINFALL AT Keswick Strickland

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer A. Mitchell Dawson Esq

Derwent - 2

Diameter ....	5										
Height .....	0 7										
Altitude ....	296 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	12.02	5.16	4.77	2.81	10.19	3.21	3.57	1.26	4.57	10.41	5.797
February ....	1.25	.45	3.15	7.98	12.74	.87	3.86	5.27	6.01	5.18	4.676
March .....	3.84	2.85	1.77	2.55	4.79	5.38	8.38	8.95	1.99	3.69	4.419
April .....	1.65	2.78	1.39	.72	2.03	3.05	3.11	3.10	4.92	4.68	2.743
May .....	2.99	3.81	4.98	2.38	4.19	1.53	.96	2.72	3.57	4.52	3.165
June .....	4.95	1.39	4.25	3.58	3.36	.86	4.36	4.80	3.46	.81	3.182
July .....	5.05	4.17	3.04	5.38	3.35	6.94	4.34	2.78	1.26	3.58	3.989
August .....	6.20	12.49	8.51	6.45	6.57	7.47	3.54	9.91	6.57	2.17	6.988
September ....	6.30	11.52	9.52	5.24	.68	1.71	8.23	6.75	2.36	9.54	6.185
October .....	3.84	10.57	8.06	6.91	5.87	6.39	8.88	4.68	5.82	7.11	6.813
November ....	12.62	7.09	5.27	5.17	11.06	8.15	19.5	7.41	7.52	11.19	7.743
December ....	.65	13.69	2.74	9.77	8.10	6.02	5.93	11.96	10.83	3.59	7.328
TOTALS ....	61.36	75.97	57.45	58.94	72.93	51.58	57.11	69.59	58.88	66.47	63.028

1890 Crosthwaite Church 1 mile NW  
Trees off high 30ft W



# RAINFALL AT *Keswick Shu. l. croo*

Lat. ....

Lon. ....

County of *Cumberland*

Rain Gauge, by *G. W. H. Edinburg* Observer *A. Mitchell-Dawson Esq.*

*Setwent - 2.*

Diameter ..	5										
Height ....	0 7										
Altitude ..	2961										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	7.14	4.81	4.51	10.64	7.92	2.99	9.13	2.30	5.93	6.35	6.172
February ..	7.10	1.84	1.66	12.43	5.31	3.88	4.26	3.44	4.65	4.48	4.905
March ....	.68	4.57	3.77	13.16	4.34	5.81	4.04	6.21	5.74	4.12	5.244
April .....	3.34	3.70	3.80	1.95	5.28	4.92	1.34	2.76	1.89	3.04	3.202
May .....	4.02	1.35	2.75	2.86	3.21	2.17	6.37	4.75	3.11	1.99	3.258
June .....	4.78	2.95	1.11	1.36	2.11	2.96	1.82	6.60	2.95	3.31	2.995
July .....	2.42	1.23	2.82	4.68	3.59	1.68	2.79	1.77	3.77	6.44	3.119
August ....	7.26	5.35	2.12	8.13	5.18	4.65	5.59	4.53	7.52	3.50	5.383
September ..	5.36	3.43	3.70	5.87	2.21	4.68	1.65	.56	5.17	3.14	3.576
October ....	7.08	5.86	5.96	13.87	3.27	4.41	8.07	8.01	2.38	12.39	7.130
November ..	4.96	6.90	3.92	4.45	4.50	6.03	4.77	5.36	5.01	3.12	4.902
December ..	13.00	7.01	9.03	5.17	6.74	3.48	4.19	8.40	4.95	8.24	7.021
TOTALS ..	67.13	49.00	45.15	84.57	53.66	47.66	54.02	54.69	53.07	60.12	56.907

1900 Crosthwaite Church, 1 mile N.W.

Fruit Trees 8 ft high 30 ft W

1903 Keswick Station 14.9 mile N W

*H.W.B.*

## RAINFALL at

Kewick Sh. Co. road

County of Cumberland

Observer A. Mitchell Dawson Esq

River Basin Derwent 2

Rain Gauge, by Jessie Edinborough

Sunderland 1912

No 3

Diameter ...	5										
Height .....	0 7										
Altitude ...	296 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.34	3.21	5.28	6.36	4.91						
February ...	9.87	7.45	3.81	5.42	10.45						
March .....	4.88	1.99	7.65	7.89	6.84						
April .....	3.78	4.49	1.17	6.83	2.88						
May .....	3.09	4.98	2.06	2.17	3.14						
June .....	2.02	6.52	6.03	4.72	2.04						
July .....	5.70	1.07	5.89	.93	4.86						
August .....	8.71	3.92	6.51	2.69	4.05						
September ..	.79	3.93	3.00	2.61	3.76						
October ...	3.86	6.91	7.21	4.72	1.52						
November ..	4.55	8.74	6.99	7.28	10.09						
December ...	8.36	13.68	11.18	7.35	12.08						
TOTALS ...	61.95	66.89	66.78	58.97	66.62						
	7	3	2	2	2						

1912 First Max 9 ft high 30 ft W

+ Inspected

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54° 36' 55"	3° 7' 50"	Kewick	4 mi	N	Brothwaite	1 mi	NW