

RAINFALL AT Penrith Cumberland

Mrs. Lester

60

Rain { By

Gauge { Diameter.....5.0.....in.

Height above Ground, ft. 9..... in.

Above Mean Sea Level, ft.

YEAR.....							1866	1867	1868	1869	MEANS.
January							⁸ 6.12	4.90	5.00	4.49	
February							3.75	1.90	2.95	3.92	
March							3.01	1.62	4.19	.68	
April .....							.70	3.52	2.59	1.40	
May .....							.78	2.12	1.28	1.12	
June.....							1.45	1.52	.63	.16	
July							2.47	3.42	.42	.51	
August.....							3.06	1.82	3.38	1.48	
September ..							4.53	3.07	2.01	6.04	
October.....							1.14	2.61	3.11	2.12	
November.....							1.64	.59	2.18	3.57	
December.....							3.80	2.10	6.60	3.92	
TOTALS							32.45	29.43	34.34	29.41	

c c c c

1867 Agrees with ppt by S Marshall

" corrected by H Lester 3.III.16

RAINFALL AT *Pennrith Fir Bank* 70

Lat. Lon. County of *Cumberland.*
 Rain Gauge, by Observer *T. Lester*

Diameter. ....											.5	
Height.											1.	
Altitude.											575	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.										1.13		
February.										2.03		
March.										2.02		
April.										1.45		
May.										1.63		
June.										3.14		
July.										4.62		
August.										3.52		
September.										1.87		
October.										1.12		
November.										1.64		
December.										2.38		
TOTALS.										26.55		

S^t Andrews ½ mile S.W.

RAINFALL AT *Penwith Fell Lane*

Lat.

Lon. County of *Cornwall*Rain Gauge, by *Horatio Northcote* Observer *The Lister Exp.*

Diameter	<i>5</i>					\square 5					
Height	<i>9</i>			<i>5</i>		<i>5</i> -					
Altitude					<i>575</i>	<i>525</i>		<i>575</i>			
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEAN.
January	<i>3.09</i>	<i>1.23</i>	<i>1.77</i>	<i>5.68</i>	<i>3.30</i>	<i>4.05</i>	<i>.89</i>	<i>4.52</i>	<i>2.42</i>	<i>1.09</i>	
February	<i>2.79</i>	<i>2.04</i>	<i>3.80</i>	<i>1.20</i>	<i>1.98</i>	<i>.55</i>	<i>2.09</i>	<i>2.18</i>	<i>1.11</i>	<i>1.87</i>	
March	<i>.75</i>	<i>2.10</i>	<i>2.33</i>	<i>1.47</i>	<i>2.13</i>	<i>.92</i>	<i>2.35</i>	<i>2.14</i>	<i>1.56</i>	<i>1.78</i>	
April	<i>1.22</i>	<i>1.89</i>	<i>1.73</i>	<i>4.13</i>	<i>1.90</i>	<i>1.04</i>	<i>2.24</i>	<i>2.25</i>	<i>1.42</i>	<i>1.28</i>	
May	<i>2.40</i>	<i>1.02</i>	<i>1.37</i>	<i>1.35</i>	<i>1.59</i>	<i>1.22</i>	<i>1.01</i>	<i>1.82</i>	<i>3.40</i>	<i>1.49</i>	
June	<i>1.57</i>	<i>2.32</i>	<i>2.05</i>	<i>1.20</i>	<i>1.23</i>	<i>4.42</i>	<i>2.18</i>	<i>2.15</i>	<i>2.24</i>	<i>2.84</i>	
July	<i>.69</i>	<i>2.66</i>	<i>1.34</i>	<i>2.64</i>	<i>1.50</i>	<i>3.36</i>	<i>1.11</i>	<i>3.84</i>	<i>.68</i>	<i>4.22</i>	
August	<i>2.18</i>	<i>1.40</i>	<i>3.19</i>	<i>3.10</i>	<i>5.48</i>	<i>3.60</i>	<i>3.87</i>	<i>5.52</i>	<i>3.88</i>	<i>3.39</i>	
September	<i>3.01</i>	<i>1.13</i>	<i>4.76</i>	<i>1.81</i>	<i>4.76</i>	<i>3.90</i>	<i>3.38</i>	<i>1.75</i>	<i>3.24</i>	<i>1.70</i>	
October	<i>7.18</i>	<i>3.45</i>	<i>5.72</i>	<i>3.79</i>	<i>5.12</i>	<i>2.61</i>	<i>2.72</i>	<i>4.08</i>	<i>3.76</i>	<i>1.04</i>	
November	<i>2.10</i>	<i>1.19</i>	<i>4.44</i>	<i>1.48</i>	<i>4.47</i>	<i>2.53</i>	<i>1.72</i>	<i>5.34</i>	<i>2.53</i>	<i>1.47</i>	
December	<i>1.53</i>	<i>3.32</i>	<i>5.65</i>	<i>1.24</i>	<i>1.61</i>	<i>1.47</i>	<i>4.73</i>	<i>2.49</i>	<i>2.73</i>	<i>2.09</i>	
TOTALS	<i>28.57</i>	<i>23.75</i>	<i>34.15</i>	<i>25.09</i>	<i>35.07</i>	<i>29.67</i>	<i>28.29</i>	<i>38.08</i>	<i>28.97</i>	<i>24.26</i>	

1872 Observations up to 24th August lost. Supplied by H. Lister 3/11/97

1876 more fully

1873 cont by H. Lister 2/11/96 see back up and over

St Andrews church $\frac{1}{2}$ mile S.W.

RAINFALL AT *Durwith, Fell Lane, Fir Bank*

Lat. _____

Lon. _____

 County of *Cumberland*

Rain Gauge, by _____

 Observer, *F. Lester, Esq.*
Eden & Solway - 1

Diameter	<i>5</i>											
Height	<i>1.0</i>											
Altitude	<i>575 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>45</i>	<i>1.40</i>	<i>1.92</i>	<i>4.43</i>	<i>5.40</i>	<i>1.93</i>	<i>4.37</i>	<i>2.76</i>	<i>1.70</i>	<i>1.81</i>	<i>2.517</i>	
February	<i>3.27</i>	<i>2.97</i>	<i>2.19</i>	<i>4.89</i>	<i>3.36</i>	<i>3.13</i>	<i>1.06</i>	<i>1.46</i>	<i>1.17</i>	<i>1.83</i>	<i>2.593</i>	
March	<i>1.29</i>	<i>2.21</i>	<i>2.72</i>	<i>2.49</i>	<i>3.06</i>	<i>2.20</i>	<i>2.30</i>	<i>1.31</i>	<i>2.43</i>	<i>1.03</i>	<i>2.104</i>	
April	<i>1.74</i>	<i>1.79</i>	<i>3.81</i>	<i>1.64</i>	<i>1.20</i>	<i>2.33</i>	<i>2.35</i>	<i>1.32</i>	<i>1.88</i>	<i>1.90</i>	<i>1.896</i>	
May	<i>1.37</i>	<i>2.14</i>	<i>1.30</i>	<i>.53</i>	<i>1.99</i>	<i>2.36</i>	<i>4.72</i>	<i>1.31</i>	<i>1.94</i>	<i>2.66</i>	<i>2.032</i>	
June	<i>1.91</i>	<i>2.60</i>	<i>3.46</i>	<i>2.21</i>	<i>1.26</i>	<i>1.21</i>	<i>1.37</i>	<i>.20</i>	<i>1.23</i>	<i>.97</i>	<i>1.642</i>	
July	<i>4.96</i>	<i>3.97</i>	<i>4.45</i>	<i>3.75</i>	<i>4.99</i>	<i>1.13</i>	<i>5.27</i>	<i>1.48</i>	<i>5.91</i>	<i>2.01</i>	<i>3.792</i>	
August	<i>1.04</i>	<i>4.71</i>	<i>3.07</i>	<i>2.22</i>	<i>1.09</i>	<i>2.17</i>	<i>1.33</i>	<i>1.83</i>	<i>2.65</i>	<i>3.88</i>	<i>2.399</i>	
September....	<i>4.00</i>	<i>3.40</i>	<i>1.95</i>	<i>4.09</i>	<i>2.84</i>	<i>2.44</i>	<i>4.01</i>	<i>3.97</i>	<i>.70</i>	<i>1.79</i>	<i>2.916</i>	
October	<i>1.05</i>	<i>1.95</i>	<i>2.92</i>	<i>5.35</i>	<i>1.98</i>	<i>3.70</i>	<i>5.47</i>	<i>2.05</i>	<i>2.60</i>	<i>4.34</i>	<i>3.141</i>	
November....	<i>4.18</i>	<i>5.99</i>	<i>4.59</i>	<i>3.42</i>	<i>1.17</i>	<i>2.07</i>	<i>2.55</i>	<i>2.84</i>	<i>4.60</i>	<i>1.39</i>	<i>3.280</i>	
December	<i>4.81</i>	<i>3.17</i>	<i>3.55</i>	<i>2.52</i>	<i>3.53</i>	<i>1.44</i>	<i>5.63</i>	<i>3.62</i>	<i>2.60</i>	<i>2.42</i>	<i>3.331</i>	
TOTALS	<i>30.07</i>	<i>34.30</i>	<i>35.93</i>	<i>37.54</i>	<i>31.89</i>	<i>26.08</i>	<i>40.43</i>	<i>24.15</i>	<i>29.41</i>	<i>26.03</i>	<i>31.583</i>	

1881. St. Andrews
*2 mile
500 yards*
*WSW
S.S.W.*

RAINFALL AT Penrith Fell Lane Fir Bank

Lat. _____

Lon. _____

County of _____

Cumberland

Rain Gauge, by _____

Observer _____

J. Lester Esq

Eden & Solway - 1

Diameter	5											
Height	1	0										
Altitude	575	T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.30	2.18	2.34	1.82	5.02	1.40	1.50	.96	2.36	6.34	2.822	
February ....	.61	.16	2.21	3.24	5.11	.57	1.59	2.37	3.06	3.04	2.196	
March	2.37	1.60	.86	1.16	2.38	3.35	4.36	5.19	1.23	1.73	2.423	
April .....	.98	1.25	1.03	.39	2.73	1.15	1.58	1.70	3.03	2.57	1.641	
May	2.54	1.55	3.43	1.65	2.89	.53	.51	1.04	2.27	3.08	1.949	
June	2.82	1.29	4.20	2.60	2.38	1.44	3.42	2.95	2.65	.87	2.462	
July	1.60	4.45	1.81	3.25	2.89	5.70	3.41	1.00	1.15	4.53	2.979	
August	4.13	6.43	6.37	3.70	3.16	3.87	2.28	5.78	4.20	1.16	4.108	
September....	3.07	4.89	5.09	3.11	.61	1.38	5.10	3.87	.89	4.47	3.248	
October	2.27	4.55	5.04	3.06	3.50	3.67	5.01	2.18	2.32	2.27	3.387	
November....	5.40	3.68	2.03	1.77	3.82	5.07	.96	2.30	2.81	4.64	3.248	
December ....	.85	6.23	.90	3.70	3.37	3.08	3.06	5.36	4.69	2.04	3.328	
TOTALS	30.94	38.26	35.31	29.45	37.86	31.21	32.78	34.70	30.66	36.74	33.791	

1892 St Andrew Church, 1/4 mile SW 1880-

RAINFALL AT *Pennith Fell Lane Fir Bank*

Lat.

Lon.

County of *Cumberland*

Sunder

Rain Gauge, by

Observer *J. Lester Esq*

See 42 - 1.

Diameter ..	5											
Height	10											
Altitude ..	575'											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.21	2.38	1.91	4.47	3.66	1.22	4.65	.85	2.12	3.08	2.755	
February ..	4.32	.91	1.05	5.84	3.09	2.14	2.28	2.01	3.91	2.24	2.779	
March ....	.74	2.40	2.04	5.70	1.85	2.70	2.20	2.82	2.61	2.51	2.557	
April	2.33	2.02	2.03	1.35	2.74	3.24	.86	1.80	.93	1.94	1.924	
May	1.83	1.38	2.73	3.06	2.44	.37	4.69	4.03	1.99	1.57	3.409	
June	3.48	1.56	1.64	1.33	1.57	1.39	1.02	3.91	1.57	2.50	1.997	
July	2.21	1.67	3.34	3.66	1.18	.94	1.60	1.25	2.54	3.86	2.225	
August	5.71	3.28	1.47	4.78	3.89	2.60	4.34	2.84	3.43	2.69	3.503	
September..	1.56	1.14	1.60	4.40	.72	2.40	.99	.35	2.36	1.92	1.744	
October	5.72	2.56	2.89	9.76	1.24	2.31	5.46	4.47	1.45	4.67	4.053	
November..	2.22	3.19	2.84	2.59	2.66	3.14	3.27	2.74	2.42	1.38	2.645	
December ..	4.74	4.92	4.05	2.87	3.04	1.08	2.28	5.02	1.66	4.42	3.408	
TOTALS ..	38.07	27.41	27.59	49.81	28.08	23.53	33.64	32.09	26.99	32.78	31.999	

1901 Pennith Church $\frac{1}{2}$ mile S.S.W

1903 " Station $\frac{3}{4}$ " "

thick

RAINFALL at

Brier Cottage (19)
Pennith Fair Bank Fell Lane

10

County of *Cumberland*

Observed by *Hester Esq*

Herbert Hester Esq

River Basin *Eden & Solway*

Snowdon Rain Gauge, by *N+3*

Diameter ...	5										
Height	1 0										
Altitude ...	575T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.85	1.23	3.28	4.52	2.56	3.52	3.83	2.26	3.54	3.12	
February ...	5.55	3.23	2.08	2.38	4.58	4.73	4.15	1.08	3.51	.66	
March	1.74	1.41	3.21	5.24	3.36	1.61	2.49	1.93	.71	3.21	
April	2.24	1.98	.51	4.43	1.14	1.64	2.44	2.69	.76	1.89	
May	2.28	2.38	1.69	1.44	1.90	1.48	2.93	2.10	1.63	1.52	
June	1.23	3.38	4.62	1.88	1.26	.51	2.86	2.90	.97	1.50	
July	4.45	.34	3.62	.94	3.94	2.82	3.86	1.33	3.74	.80	
August	6.11	2.33	5.15	1.27	1.67	3.04	1.68	5.02	4.56	5.85	
September ..	.33	2.96	1.57	1.84	2.32	1.18	1.94	3.04	8.30	1.46	
October ...	2.05	3.04	3.08	3.31	1.05	.50	6.47	4.42	3.50	1.97	
November ...	2.92	4.01	3.06	3.00	4.90	1.17	5.14	3.25	2.64	2.86	
December ...	3.37	7.67	5.17	3.14	6.43	5.56	2.89	1.06	3.69	4.82	
TOTALS ...	36.12	33.96	37.04	33.39	35.11	27.76	40.68	31.02	37.55	26.46	29.09

1916 Tree 17ft high 12ft W.

1919 g. moved. 1st June. 400 yds. N.W.

, Stone 25ft. high 25 yds. N.E.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919 1911	54°40'13"	2°46'30"W	Pennith	1 mi	SSW	St Andrews	3/4 mi	SSW

RAINFALL at Pennith Priore CottageCounty of CumberlandObserver H. Seaton EsqRiver Basin Eden - Solway 1Snowdon Rain Gauge, by N.S.

Diameter ...	5										
Height	10										
Altitude ...	575										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. Mean
January ...	4.23	5.86	2.95	1.90	3.23	4.67	3.91	3.77	5.64	.80	5.38
February ...	3.16	.08	3.18	4.93	.61	4.88	3.31	1.29	3.40	.41	.30
March	5.65	4.29	2.12	1.54	.93	1.30	1.90	3.29	5.30	.12	2.80
April	3.07	.82	2.58	2.67	1.55	3.67	1.95	1.89	.73	1.07	1.44
May	3.99	2.53	1.26	2.71	3.88	3.91	2.03	1.96	1.40	1.47	1.28
June	1.40	.27	2.15	.78	1.26	.14	3.10	2.32	4.47	1.28	1.55
July	3.95	2.23	3.99	2.30	3.43	1.53	3.24	4.38	3.33	3.89	4.10
August	1.75	4.81	2.50	7.97	2.23	3.13	4.04	6.45	6.89	3.43	7.28
September...	2.37	1.30	4.03	3.93	4.40	3.36	4.31	6.93	1.70	1.49	2.61
October	2.16	2.64	.80	5.90	2.55	4.31	3.03	3.64	5.57	3.98	4.47
November...	2.95	1.79	1.13	4.67	2.41	1.23	5.49	2.49	5.43	4.92	3.48
December...	2.84	5.15	5.53	3.69	6.36	4.34	.84	.99	2.35	6.94	3.06
TOTALS...	37.52	31.77	32.22	42.99	32.89	36.57	37.15	39.95	44.21	29.85	37.75
	D	D	D	D	D	D	D	D	D	D	D

1920. *1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930.*

1930 Inspector June. Exposure rather over-sheltered
apple tree on W side 10ft high about 10ft W. Shaws
growing close to gauge. See Green file.

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	54° 40' 13"	2° 44' 30"	Pennith	1 mi	W.S.W.	Pennith	1/2 mi	S.E.W.

RAINFALL at Penrith (Briar Cottage)County of CumberlandObserver H. Lester, Esq.River Basin Eden & Solway - 1

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref 40347/30

Diameter	5.											
Height	1.0.											
Altitude	575.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January												
February												
March												
April												
May												
June												
July												
August												
September												
October												
November												
December	#											
TOTALS												

Mance & taken gauge to Crossburn Av. Milngavie, Glasgow.

Position of Station on reduced Ordnance Survey Map, } No. of Map Reference No.
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge