

RAINFALL AT LauncestonJ. F. PearsonStorrs Hall

Rain (By.....)

Gauge Diameter.....5.....In.Height above Ground, 1 ft. in.Above Mean Sea Level, 212 ft.

| YEAR..... | | | | | | 1866 | 1867 | 1868 | 1869 | MEANS. |
|----------------|--|--|--|--|--|--------|-------|-------|-------|--------|
| January | | | | | | # 5.90 | 4.60 | 2.97 | 4.55 | |
| February | | | | | | 5.02 | 2.60 | 3.70 | 7.95 | |
| March | | | | | | 2.16 | 1.86 | 6.56 | 1.03 | |
| April | | | | | | 1.07 | 4.90 | 2.60 | 3.16 | |
| May | | | | | | 1.53 | 2.11 | 1.25 | 3.10 | |
| June..... | | | | | | 4.46 | 2.00 | .65 | 2.24 | |
| July..... | | | | | | 4.70 | 3.10 | 1.00 | .85 | |
| August..... | | | | | | 5.70 | 3.00 | 3.40 | 3.07 | |
| September ... | | | | | | 9.05 | 4.30 | 2.63 | 9.30 | |
| October..... | | | | | | 2.58 | 4.50 | 4.05 | 3.45 | |
| November..... | | | | | | 7.00 | 1.80 | 3.10 | 5.55 | |
| December..... | | | | | | 6.62 | 2.27 | 8.90 | 5.40 | |
| TOTALS | | | | | | 55.79 | 57.84 | 40.81 | 49.65 | |

On the East side of a low range of hills about 500 ft high, 5 miles from the Sea, the range of hills lying between Storrs Hall & the Sea

RAINFALL AT *Artholme Moor's Hall*

Lat..... Lon..... County of. *Lancashire*
 Rain Gauge, by..... Observer *J. J. Pearson Esq.*

| | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter | -5 | . | | | | | | | | | | |
| Height | 1 | 0 | . | | | | | | | | | |
| Altitude | 220.0 | . | | | | | | | | | | |
| YEAR | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. | |
| January..... | 4.07 | 1.83 | 5.97 | 7.18 | 4.96 | 5.72 | 2.28 | 7.01 | 2.92 | 1.26 | 4.320 | |
| February..... | 2.44 | 3.91 | 4.26 | 1.50 | 1.87 | 1.00 | 5.62 | 4.83 | 2.09 | 2.68 | 3.020 | |
| March..... | 2.79 | 1.33 | 4.20 | 2.40 | 4.87 | 1.09 | 4.23 | 3.74 | 2.07 | 2.81 | 2.953 | |
| April..... | 2.43 | 3.51 | 2.42 | .69 | 2.16 | .90 | 2.80 | 2.23 | 2.60 | 1.20 | 2.094 | |
| May | 2.54 | 1.33 | 2.40 | 2.19 | 1.50 | 3.16 | .89 | 2.47 | 4.31 | 2.48 | 2.327 | |
| June..... | 1.08 | 7.20 | 5.65 | 2.68 | 1.04 | 4.81 | 2.70 | 3.27 | 3.04 | 4.79 | 3.106 | |
| July | 2.35 | 6.53 | 5.18 | 4.30 | 3.30 | 3.04 | 4.64 | 4.88 | .79 | 6.02 | 4.103 | |
| August..... | 2.13 | 2.65 | 5.81 | 4.77 | 6.20 | 4.80 | 3.68 | 6.51 | 6.72 | 6.03 | 4.930 | |
| September..... | 3.51 | 3.47 | 8.87 | 2.75 | 5.66 | 4.40 | 3.75 | 3.80 | 5.87 | 3.91 | 4.599 | |
| October..... | 8.21 | 5.46 | 6.35 | 5.65 | 7.27 | 2.77 | 2.79 | 6.65 | 4.22 | 3.24 | 5.251 | |
| November..... | 2.75 | 1.85 | 5.07 | 2.34 | 4.65 | 5.18 | 3.13 | 6.61 | 2.64 | 1.29 | 3.551 | |
| December..... | 2.00 | 4.30 | 4.22 | 1.92 | 3.10 | 3.82 | 4.89 | 3.86 | 2.40 | 2.76 | 3.357 | |
| TOTALS | 37.90 | 37.37 | 60.40 | 58.37 | 46.58 | 40.19 | 41.40 | 55.76 | 39.67 | 38.47 | 43.611 | |

c c c

1870 Our Summers are cool & Winters wet & mild. Position 7 miles from Morecambe Bay in a valley with hills 5 or 600 feet high between and the sea. The Valley is very thickly wooded & surrounded by hills

RAINFALL AT *Arkholme, Storr's Hall* 80

Lat. _____

Lon. _____

County of _____

Lancashire

Rain Gauge, by _____

Observer _____

F. F. Pearson, Esq.

Line 4.

Ar 1881-1915

44.8 in

| | | | | | | | | | | | |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------|
| Diameter | <i>5"</i> | | | | | | | | | | |
| Height | <i>1.0</i> | | | | | | | | | | |
| Altitude | <i>220 T</i> | | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | <i>.46</i> | <i>1.00</i> | <i>2.70</i> | <i>6.68</i> | <i>6.67</i> | <i>2.46</i> | | <i>3.90</i> | <i>1.63</i> | <i>2.94</i> | |
| February | <i>3.57</i> | <i>3.72</i> | <i>4.25</i> | <i>3.72</i> | <i>2.26</i> | <i>3.97</i> | | <i>2.55</i> | <i>.98</i> | <i>3.05</i> | |
| March | <i>3.15</i> | <i>5.79</i> | <i>4.73</i> | <i>1.23</i> | <i>3.87</i> | <i>3.15</i> | | <i>2.35</i> | <i>3.28</i> | <i>4.36</i> | |
| April | <i>1.62</i> | <i>1.80</i> | <i>4.18</i> | <i>2.15</i> | <i>1.33</i> | <i>3.14</i> | | <i>2.21</i> | <i>1.95</i> | <i>2.08</i> | |
| May | <i>2.48</i> | <i>4.75</i> | <i>2.00</i> | <i>1.75</i> | <i>3.50</i> | <i>1.40</i> | | <i>1.80</i> | <i>1.45</i> | <i>3.70</i> | |
| June | <i>4.32</i> | <i>4.94</i> | <i>5.32</i> | <i>4.47</i> | <i>1.00</i> | <i>2.92</i> | | <i>.35</i> | <i>2.20</i> | <i>1.00</i> | |
| July | <i>5.14</i> | <i>6.91</i> | <i>6.44</i> | <i>2.90</i> | <i>5.25</i> | <i>2.50</i> | | <i>2.48</i> | <i>6.94</i> | <i>2.83</i> | |
| August | <i>2.38</i> | <i>7.88</i> | <i>4.89</i> | <i>3.77</i> | <i>1.72</i> | <i>3.08</i> | | <i>1.88</i> | <i>4.24</i> | <i>7.40</i> | |
| September.... | <i>2.91</i> | <i>2.22</i> | <i>1.93</i> | <i>4.50</i> | <i>1.61</i> | <i>5.50</i> | | <i>5.24</i> | <i>2.40</i> | <i>3.07</i> | |
| October | <i>1.32</i> | <i>2.72</i> | <i>4.30</i> | <i>5.55</i> | <i>4.00</i> | <i>3.94</i> | | <i>1.86</i> | <i>3.93</i> | <i>6.18</i> | |
| November.... | <i>5.85</i> | <i>5.09</i> | <i>6.91</i> | <i>5.18</i> | <i>1.20</i> | <i>3.65</i> | | <i>3.0</i> | <i>4.86</i> | <i>2.26</i> | |
| December | <i>6.52</i> | <i>4.41</i> | <i>3.72</i> | <i>4.18</i> | <i>6.14</i> | <i>2.21</i> | | <i>3.50</i> | <i>3.11</i> | <i>4.00</i> | |
| TOTALS | <i>39.72</i> | <i>51.23</i> | <i>51.37</i> | <i>46.08</i> | <i>38.35</i> | <i>37.92</i> | | <i>31.12</i> | <i>36.97</i> | <i>42.87</i> | |

1886 Unreliable

RAINFALL AT

Orkholme Stone Hall

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer F. F. Pearson Esq

June 4.

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter | 5 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude | 220 | | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | 7.60 | 2.80 | 4.90 | 1.70 | 4.55 | 2.65 | 3.63 | .92 | 5.43 | 6.74 | 4.092 |
| February | .77 | .40 | 2.00 | 5.61 | 7.30 | .90 | 2.16 | 3.98 | 4.05 | 2.90 | 3.007 |
| March | 3.50 | 2.10 | 1.50 | 1.80 | 4.70 | 4.52 | 6.70 | 5.93 | 2.40 | 2.22 | 3.527 |
| April | 1.84 | 1.55 | 1.80 | .42 | 1.50 | 2.86 | 2.36 | 3.73 | 3.29 | 4.07 | 2.242 |
| May | 1.65 | 2.00 | 5.60 | 2.02 | 3.50 | .46 | .52 | 2.41 | 2.60 | 3.27 | 2.408 |
| June | 4.25 | 1.45 | 4.73 | 2.32 | 3.85 | 2.15 | 3.31 | 4.04 | 3.16 | 1.19 | 3.045 |
| July | 3.95 | 4.25 | 1.60 | 4.09 | 3.76 | 7.21 | 4.32 | 2.00 | .81 | 2.30 | 3.429 |
| August | 7.20 | 12.35 | 8.00 | 4.79 | 5.33 | 5.90 | 2.63 | 6.21 | 7.48 | 2.64 | 6.253 |
| September,... | 6.60 | 6.80 | 9.36 | 4.81 | .85 | 1.25 | 6.44 | 5.62 | 2.35 | 6.00 | 5.008 |
| October | 3.75 | 4.54 | 4.70 | 6.90 | 5.62 | 4.90 | 4.43 | 2.33 | 4.34 | 4.18 | 4.569 |
| November.... | 6.10 | 4.25 | 3.64 | 3.53 | 4.42 | 3.18 | 1.52 | 5.74 | 5.24 | 4.15 | 4.177 |
| December | .50 | 7.50 | 2.80 | 4.51 | 4.78 | 4.63 | 5.44 | 6.52 | 5.44 | 3.35 | 4.547 |
| TOTALS .. | 47.71 | 49.99 | 50.63 | 42.50 | 50.16 | 40.61 | 43.46 | 49.43 | 46.59 | 43.01 | 46.409 |

RAINFALL AT Artholme House Hall

Lat.

Lon.

County of Lancashire North

Rain Gauge, by

Observer F. F. Pearson Esq.

June 4

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 5 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude .. | 220 | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 4.76 | 2.25 | 3.05 | 6.38 | 5.08 | 2.82 | 6.72 | 2.80 | 5.23 | 2.56 | 4.175 |
| February .. | 4.93 | 1.16 | 1.25 | 5.22 | 3.75 | 2.93 | 3.57 | 1.97 | 2.76 | 1.65 | 2.919 |
| March | .59 | 3.88 | 2.60 | 5.14 | 3.08 | 2.65 | 4.40 | 4.81 | 3.77 | 2.67 | 3.359 |
| April | 2.70 | 2.21 | 1.80 | 2.14 | 4.29 | 3.41 | 1.35 | 2.15 | 1.94 | 3.67 | 2.566 |
| May | 2.56 | 1.01 | 2.10 | 3.65 | 3.26 | 1.61 | 5.68 | 4.07 | 3.10 | 2.26 | 2.930 |
| June | 2.79 | 1.83 | 1.10 | 1.65 | 1.37 | 2.60 | 3.28 | 8.58 | 3.38 | 1.73 | 2.831 |
| July | 2.96 | 1.29 | 5.50 | 4.69 | 1.96 | 2.40 | 3.54 | 3.95 | 4.05 | 6.83 | 3.717 |
| August | 5.78 | 3.76 | 2.93 | 7.69 | 3.49 | 5.65 | 4.66 | 5.35 | 5.25 | 4.41 | 4.897 |
| September .. | 3.14 | 1.39 | 2.27 | 6.56 | 1.55 | 4.16 | 1.44 | .75 | 6.21 | 3.95 | 3.142 |
| October | 8.21 | 4.40 | 4.10 | 9.28 | 3.17 | 3.30 | 7.00 | 4.68 | 1.98 | 6.58 | 5.270 |
| November .. | 3.97 | 5.19 | 2.45 | 3.76 | 3.75 | 4.59 | 4.29 | 3.96 | 3.90 | 2.43 | 3.829 |
| December .. | 6.75 | 4.52 | 3.90 | 4.41 | 3.45 | 1.68 | 3.62 | 5.71 | 3.50 | 5.86 | 4.340 |
| TOTALS .. | 49.14 | 32.89 | 33.05 | 60.57 | 38.20 | 37.80 | 49.55 | 48.78 | 45.17 | 44.60 | 43.975 |

Handwritten signature/initials