

RAINFALL AT *Leeds, Allerton Hill, Chapel Town*

Lat.....

Lon.....

County of.....

Yorkshire, N.R.

Rain Gauge, by.....

Observer.....

J. Fenwick, Esq. C.E.

Diameter.....	.5	.										
Height.....	.7	.										
Altitude.....	418.	.										
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.19	.87	3.17	2.20	1.57	3.65	.85	3.85	2.57	1.23	2.215	
February.....	1.76	2.20	2.85	.93	1.26	1.69	2.31	1.93	.98	2.67	1.858	
March.....	1.71	.87	2.15	2.46	1.52	.65	3.55	2.90	.65	1.69	1.815	
April.....	.68	3.39	3.76	.57	1.08	.65	2.30	3.67	2.44	2.72	2.126	
May.....	1.33	.98	1.66	2.61	.66	1.52	.97	2.35	4.16	1.69	1.793	
June.....	1.77	3.64	4.44	1.54	.60	3.18	1.86	1.55	4.51	4.45	2.754	
July.....	.72	2.59	5.61	2.88	1.98	3.34	2.29	3.63	1.41	3.06	2.751	
August.....	2.03	.89	2.94	2.23	2.12	2.34	2.04	4.08	6.26	3.98	2.891	
September.....	1.17	5.96	3.92	1.88	2.24	2.75	3.90	3.29	2.85	1.67	2.963	
October.....	6.46	2.92	4.72	1.87	2.10	4.50	3.40	3.50	2.14	.47	3.208	
November.....	2.10	.79	4.47	1.97	2.47	3.99	3.25	2.50	2.47	1.37	2.538	
December.....	3.11	1.29	2.85	.34	2.50	1.06	6.87	2.29	1.38	1.34	2.303	
TOTALS.....	25.03	26.39	42.54	21.48	20.10	29.32	33.59	35.54	31.82	26.34	29.215	

1870 Duvora 24th & 25th of Oct. On 31st D.S. that fell to 8° and
 In many parts the pastures were completely scorched by the
 drought in June and meadows instead of being mown were parched
 & on lawn 40 ft. from E. porch of House and 100 ft. from S.W. 8°

RAINFALL AT *Leeds, Allerton Hill*

80

Lat. _____

Lon. _____

County of *Yorks*

Rain Gauge, by _____

Observer, *T. Fenwick Esq., C.E.*

Rise. Air - 9

Diameter	<i>5</i>										
Height	<i>2</i>										
Altitude	<i>418 ft</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.06</i>	<i>.46</i>	<i>1.72</i>	<i>3.83</i>	<i>3.78</i>	<i>1.49</i>	<i>3.54</i>	<i>2.42</i>	<i>.86</i>	<i>1.11</i>	<i>1.867</i>
February	<i>2.00</i>	<i>4.64</i>	<i>1.85</i>	<i>2.27</i>	<i>2.12</i>	<i>2.11</i>	<i>.66</i>	<i>.61</i>	<i>.96</i>	<i>1.31</i>	<i>1.853</i>
March	<i>2.19</i>	<i>3.41</i>	<i>2.53</i>	<i>1.06</i>	<i>1.68</i>	<i>1.81</i>	<i>1.40</i>	<i>1.40</i>	<i>3.46</i>	<i>2.43</i>	<i>2.137</i>
April	<i>2.27</i>	<i>1.61</i>	<i>3.36</i>	<i>3.06</i>	<i>2.54</i>	<i>1.15</i>	<i>2.31</i>	<i>.53</i>	<i>2.66</i>	<i>2.81</i>	<i>2.230</i>
May	<i>2.43</i>	<i>1.22</i>	<i>1.37</i>	<i>1.50</i>	<i>1.01</i>	<i>2.61</i>	<i>5.60</i>	<i>1.96</i>	<i>.81</i>	<i>3.02</i>	<i>2.153</i>
June	<i>5.18</i>	<i>2.23</i>	<i>4.58</i>	<i>3.12</i>	<i>.90</i>	<i>2.85</i>	<i>.47</i>	<i>.06</i>	<i>2.82</i>	<i>.32</i>	<i>2.253</i>
July	<i>4.90</i>	<i>2.13</i>	<i>3.59</i>	<i>3.92</i>	<i>4.44</i>	<i>1.06</i>	<i>5.02</i>	<i>1.68</i>	<i>4.94</i>	<i>1.70</i>	<i>3.338</i>
August	<i>1.59</i>	<i>3.86</i>	<i>2.12</i>	<i>2.13</i>	<i>1.09</i>	<i>1.29</i>	<i>2.16</i>	<i>1.54</i>	<i>2.07</i>	<i>4.10</i>	<i>2.195</i>
September....	<i>3.99</i>	<i>2.55</i>	<i>1.99</i>	<i>4.92</i>	<i>1.57</i>	<i>3.68</i>	<i>1.32</i>	<i>3.16</i>	<i>.85</i>	<i>1.30</i>	<i>2.533</i>
October	<i>5.20</i>	<i>3.42</i>	<i>3.38</i>	<i>3.28</i>	<i>1.23</i>	<i>4.72</i>	<i>4.19</i>	<i>2.17</i>	<i>.54</i>	<i>4.22</i>	<i>3.235</i>
November....	<i>2.05</i>	<i>2.92</i>	<i>2.82</i>	<i>2.50</i>	<i>1.64</i>	<i>1.78</i>	<i>1.64</i>	<i>2.02</i>	<i>5.59</i>	<i>.85</i>	<i>2.381</i>
December	<i>3.65</i>	<i>2.29</i>	<i>5.35</i>	<i>.80</i>	<i>1.75</i>	<i>.59</i>	<i>2.37</i>	<i>1.62</i>	<i>1.82</i>	<i>1.60</i>	<i>2.184</i>
TOTALS	<i>35.51</i>	<i>30.74</i>	<i>34.66</i>	<i>32.39</i>	<i>23.15</i>	<i>25.14</i>	<i>30.68</i>	<i>19.17</i>	<i>27.38</i>	<i>24.77</i>	<i>28.359</i>

N.B. Rejected from Survey as 2" low.

RAINFALL AT Leeds Allerton Hill

Lat. _____ Lon. _____ County of York W.R.

Rain Gauge, by _____ Observer J Fenwick Esq C.E.

Case No 9

Diameter	5										
Height	07										
Altitude	418 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.87	1.25	1.61	1.07	2.56	3.94	.48	2.15	.83	3.43	2.019
February ....	.94	.03	1.98	2.68	3.80	.24	.83	2.76	1.34	1.54	1.614
March	1.74	1.12	1.00	.24	1.54	2.13	2.74	2.67	.86	1.14	1.518
April .....	.92	1.78	1.80	1.22	3.04	1.55	1.36	1.62	2.56	1.89	1.774
May	2.67	2.34	2.89	2.30	1.32	.44	.56	1.39	1.95	3.19	1.905
June	2.81	1.27	4.56	1.55	2.62	3.19	4.36	3.40	1.49	1.37	2.665
July	2.26	3.37	1.67	4.30	2.97	5.91	1.52	.50	.78	1.84	2.512
August	4.16	3.87	3.07	2.61	2.55	1.95	2.38	2.78	3.29	1.52	2.841
September	1.97	1.66	1.53	1.63	.61	.92	3.51	2.40	.50	3.39	1.812
October .....	.88	3.55	6.69	2.09	4.49	3.31	3.97	1.73	3.98	2.49	3.218
November	2.65	3.19	1.89	1.73	1.50	2.90	1.95	2.43	2.21	1.09	2.154
December	1.15	14.05	.60	2.66	1.58	2.70	3.49	2.54	2.32	2.57	2.866
TOTALS . .	25.02	27.48	29.29	24.11	28.58	29.21	27.15	26.37	22.11	25.46	26.1178

1892 St Matthews Chapel Allerton $\frac{1}{4}$ mile SE
 House 35ft high 33 ft W
 Shrubs 15" . 24" E

N.B. Reported from Survey as 2" low.

RAINFALL AT

Leeds Allerton Hill

Lat.

Lon.

County of *York W.R. Central*

Rain Gauge, by

Observer

T. E. Fenwick Esq. [Ct.]

for Messrs Martin & Fenwick & Co.

Rise - Air 9

Diameter ..	5										
Height	0	7									
Altitude ..	418	5									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.88	1.36	1.01	1.92	2.65	.69	2.83	.75	1.04	1.07	1.720
February ..	4.84	1.45	1.41	1.66	3.47	1.15	1.88	1.48	1.22	.63	1.919
March ....	.87	1.89	.74	3.10	1.65	2.11	1.57	1.50	3.43	3.62	2.048
April	1.15	2.35	1.66	1.33	1.48	2.43	.58	1.51	2.74	2.69	1.792
May	1.20	1.23	2.88	3.12	3.07	.67	1.84	3.48	2.43	1.78	2.170
June	2.90	1.08	1.77	1.87	1.11	1.76	.97	3.15	.88	2.87	1.836
July	2.91	.99	2.13	3.19	1.91	1.49	1.35	2.30	2.66	3.06	2.199
August	4.44	1.44	3.73	3.09	3.28	4.24	1.88	1.75	1.76	2.73	2.834
September ..	.67	1.30	1.04	3.44	1.06	1.76	.65	.91	2.40	1.62	1.485
October	3.35	1.84	2.59	6.93	.53	1.78	4.12	5.43	1.39	2.06	3.002
November ..	3.07	3.41	1.69	1.47	1.52	3.90	3.05	3.24	1.31	.44	2.310
December ..	2.99	4.34	2.02	1.13	1.61	.34	2.06	2.55	1.51	(4.71)	2.326
TOTALS ..	32.27	22.68	22.67	32.25	23.34	22.32	23.03	28.05	22.77	(27.28)	25.66

1906 Dec 16 A strong wind blowing during a snowstorm which made the record unreliable.

1909 Chapel Allerton Church 150 yards N
Leeds Station 3 miles S

Dec .30 = added for Snow

N.B. Rejected from Survey as 2" low.

RAINFALL at Leeds Allerton HillCounty of W YorkshireObserver J. E. Fenwick Esq. C.E.River Basin Ouse-Aire 9J. Hardup Rinton Esq.Rain Gauge, by Casella No 6874

Diameter ...	5										
Height	0 7										
Altitude ...	418 ft										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.88	.64	4.48	2.72							
February ...	2.15	1.47	1.84	.71							
March .....	.52	.94	3.18	2.55							
April	2.10	.86	.29	2.64							
May	2.40	.97	3.37	2.22							
June	2.19	4.29	4.75	1.56							
July	3.35	.51	5.68	.81							
August	3.36	1.83	3.60	1.02							
September ..	.18	2.42	1.39	1.32					6.51		
October ...	3.26	2.66	1.56	2.90							
November ..	3.84	2.64	1.80	1.83							
December ...	2.74	3.58	2.33	1.54	5.70						
TOTALS ...	28.97 6	22.81 5	35.26	21.82	26.94	28.79	27.81	23.70	31.20 impd	27.08	

NB. Rejected from July as 2" low.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Leeds	3	SW	St Mark's	near	N

RAINFALL at Leeds Allerton HillCounty of W. YorksObserver L. Harding Churton Esq.River Basin Case-Aires 9Snowdon Rain Gauge, by Basella N° 674

W

Diameter ...	5											
Height	0 7							0 8				
Altitude ...	418											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEANS.
January ...												
February ...												
March												
April												
May												
June												
July	6.38											
August												
September...												
October.....												
November...												
December...												
TOTALS...	29.36	19.25	29.07	29.38	27.86	28.78	25.03	34.87	31.83	22.65	34.30	

1927. G. 8" above ground - on lawn - no splash - has been in same position many years

N.B. Rejected from Survey as 2" low.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
			Leeds	3 mi	S	St. Matthews	near	N

RAINFALL at Leeds (Allerton Hill)County of West RidingObserver T. Harding Churton, Esq.River Basin Ouse-Aire-9.

Type of Gauge.....

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

Diameter	5.										
Height	0.8.										
Altitude	418.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January			1.64								
February			(1.49)								
March			(2.18)								
April			(1.20)								
May			(2.75)								
June			(1.17)	(9.31)							
July			2.42								
August			0.52								
September			(1.60)								
October			(3.21)								
November			2.33								
December			0.58								
TOTALS	32.31	22.97	21.09	22.41							

1934

Site unsatisfactory. Obs. refused to consider new site - Black Holm.
H.P. low.Position of Station on reduced Ordnance Survey Map, }
1 mile to 1 inch Series

No. of Map.....

Reference No.....

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