

Rainfall at North Shields

C. x. 20

40

Observer W. Brown

Authority Mr. Atkinson's Rep.

Gauge

Above Sea Level

YEAR --	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January --	1.80	1.88	2.98								
February --	.94	1.25	.48								
March --	.45	.89	.45								
April --	.16	.84	.40								
May --	3.78	1.64	.97								
June --	1.48	1.11	1.02								
July --	2.78	2.46	2.30								
August --	1.99	3.28	1.56								
September --	2.97	2.17	2.13								
October --	1.56	4.56	1.15								
November --	2.72	2.20	2.29								
December --	1.16	1.89	.57								
TOTALS --	21.79	24.18	16.80	21.733			26.20				

0-41 Atkinson

4/2 Rep of Met Soc by Atkinson's Rep

North Shields

50
E. Y 166

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -			1.8	3.7	6.7	1.6	4.08	2.04	.57	.8	
February - -			0.9	4.4	.7	3.6	2.45	.79	.35	.9	
March - - -			.6	2.6	.6	6.0	.15	3.30	.72	3.8	
April - - -			1.0	2.7	1.0	.3	2.08	6.30	.09	1.7	
May - - - -			1.6	1.4	2.2	3.6	6.04	3.05	2.53	.2	
June - - - -			7.5	1.4	4.8	3.8	5.66	3.61	2.34	4.7	
July - - - -			5.7	4.4	4.1	3.2	3.37	2.00	6.72	5.8	
August - - -			6.9	2.5	3.8	4.7	7.07	6.22	4.51	2.6	
September -			8.6	3.8	.8	.5	6.50	5.26	6.00	8.2	
October - -			7.8	4.3	3.1	.8	1.20	1.25	5.09	5.1	
November -			9.9	1.1	5.8	1.9	1.72	4.19	7.10	3.3	
December -			5.9	2.4	1.9	2.9	6.92	.37	3.64	4.0	
TOTALS -			58.21	34.7	35.5	32.9	50.84	39.10	41.35	41.1	

C $\frac{39.205}{2}$ C6-0 Types 7-73
2 4-51

1852 (months) 1853, 54, 55 & 59 from R. S. R.

H Shields Northumberland

Observer

Gauge

Above Sea Level ft

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -			1.8	3.7	6.7	1.6	4.1	2.8	1.6	1.8	
February - -			.9	4.4	.7	3.6	2.4	.8		.9	
March - - -			.6	2.6	.6	6.0	.2	3.3	.7	3.8	
April - - -			1.0	2.7	1.0	.3	4.0	6.3	.9	1.7	
May - - - -			1.6	1.4	2.2	3.6	6.8	3.1	2.5	.2	
June - - - -			7.5	1.4	4.0	3.8	5.6	3.6	2.3	4.7	
July - - - -			5.7	4.4	4.1	3.2	3.3	2.0	6.7	5.8	
August - - -			6.9	2.5	3.8	4.7	7.9	6.2	4.5	2.6	
September -			8.6	3.8	.8	.5	6.5	5.3	6.1	8.2	
October - - -			7.8	4.3	3.1	.8	1.2	1.2	5.9	5.1	
November -			9.9	1.1	5.8	1.9	1.7	4.2	7.1	3.3	
December -			5.9	2.4	1.9	2.4	6.9	.4	3.6	4.0	
TOTALS -			58.2	34.7	35.5	32.9	50.6	39.2		41.1	

Returned in Boat for 1856 7 & 8
 Remained at place

1855 = 32.3 Euston

N Shields Rosetta Place

60

R Spence Esq.

1866 57

10 in + ground 1.0 + Sea Level 124 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.45	1.00	2.50	2.97	.99	1.76	1.51	3.61	2.04	2.28	2.211
February - -	1.53	1.97	1.33	.40	2.49	1.47	1.78	.82	1.82	1.32	1.493 -
March - - -	1.93	2.23	3.43	1.48	3.49	1.54	2.47	1.69	1.14	1.30	2.070
April - - -	1.13	1.25	1.53	.70	1.69	1.56	1.47	1.88	3.04	1.76	1.601
May - - - -	3.20	1.42	3.09	1.43	2.59	4.11	1.14	2.32	1.04	2.57	2.291
June - - - -	2.66	3.76	3.30	4.12	1.94	.65	1.67	1.49	.43	1.27	2.129
July - - - -	2.95	2.37	2.01	.73	.91	1.93	3.70	3.20	.49	.77	1.906
August - - -	2.04	1.67	5.92	2.69	1.14	2.82	3.24	2.35	1.88	1.29	2.584
September -	1.88	2.72	1.09	1.97	1.97	.56	3.60	1.85	3.58	2.81	2.203
October - -	2.24	1.10	1.69	3.43	4.60	6.61	1.57	1.07	2.07	2.81	2.719 +
November -	3.40	4.36	.79	2.91	2.38	2.36	2.23	.98	2.23	2.95	2.459
December -	4.98	.89	1.34	1.88	2.58	1.53	2.05	2.34	3.59	2.81	2.399
TOTALS -	32.19	24.74	28.02	24.71	26.77	26.90	26.43	23.60	23.35	23.94	26.065

+ C C C C C C C C C C

Handwritten notes in pencil at the bottom of the page, mostly illegible due to fading.

RAINFALL AT *N. Shields Rosella Place*

Lat.....

Lon.....

County of...

Northumberland

Rain Gauge, by.....

Observer

Robert Spence Esq.

Diameter.....	8										
Height.....	1							1.6			
Altitude.....	124		126 ^π					124			
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.60	1.13	2.78	1.02	1.50	2.33	.70	3.08	2.99	1.29	1.842
February.....	1.95	1.97	2.39	1.91	.95	1.21	2.42	1.58	.96	3.04	1.838
March.....	1.21	.69	3.45	1.86	1.04	.51	2.02	1.70	1.17	.80	1.446 1.846
April.....	.78	3.79	1.94	1.05	.72	.76	3.21	3.53	1.88	2.35	2.001 2.828
May.....	1.40	1.39	1.96	3.03	2.30	.72	.99	2.23	1.95	2.28	1.845 2.875
June.....	2.44	2.54	2.95	1.43	1.00	1.57	2.03	1.09	1.62	3.64	2.031 2.001
July.....	1.55	3.79	2.39	2.27	1.47	5.38	2.74	2.45	.13	4.35	2.552 2.845
August.....	2.12	.96	3.71	3.47	1.55	3.41	1.28	6.32	4.71	3.42	3.095 2.001
September.....	.99	4.01	4.79	2.16	1.76	2.59	2.74	1.75	1.68	.73	2.320 2.532
October.....	3.47	1.97	5.96	2.24	1.65	3.26	1.78	2.61	1.50	.69	2.513 6.095
November.....	3.50	1.84	4.11	1.30	3.30	5.81	2.96	1.42	6.40	3.82	3.146 3.320
December.....	5.21	1.90	4.46	.29	3.79	1.44	6.14	2.15	4.82	.68	3.089
TOTALS.....	25.22	26.18	40.89	22.03	21.03	28.99	29.01	29.91	29.81	27.09	28.016

C C C

Synemonth church 300 yds E.

RAINFALL AT *N. Shields, Rosella Place*

80

Lat.

Lon. County of *Northumberland*

Rain Gauge, by

Observer *R. Spence, Esq.*

Gauge - Lower 3

Diameter	<i>8</i>										
Height	<i>1.6</i>							<i>1.0</i>			
Altitude	<i>1247</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>38.1.65</i>	<i>57</i>	<i>1.53</i>	<i>2.93</i>	<i>1.88</i>	<i>2.70</i>	<i>1.63</i>	<i>1.40</i>	<i>1.20</i>	<i>1.587</i>	
February	<i>1.49</i>	<i>3.50</i>	<i>.53</i>	<i>1.52</i>	<i>.92</i>	<i>1.00</i>	<i>1.36</i>	<i>.38</i>	<i>.97</i>	<i>1.31</i>	<i>1.328</i>
March	<i>1.64</i>	<i>2.92</i>	<i>.99</i>	<i>2.14</i>	<i>2.34</i>	<i>2.22</i>	<i>2.97</i>	<i>1.82</i>	<i>4.69</i>	<i>2.57</i>	<i>2.430</i>
April	<i>1.74</i>	<i>1.05</i>	<i>3.04</i>	<i>1.23</i>	<i>2.16</i>	<i>1.56</i>	<i>1.58</i>	<i>.72</i>	<i>1.41</i>	<i>2.18</i>	<i>1.667</i>
May	<i>1.31</i>	<i>1.65</i>	<i>2.40</i>	<i>1.72</i>	<i>.58</i>	<i>2.75</i>	<i>2.38</i>	<i>1.49</i>	<i>.38</i>	<i>1.48</i>	<i>1.614</i>
June	<i>1.24</i>	<i>1.41</i>	<i>3.88</i>	<i>2.33</i>	<i>1.35</i>	<i>1.62</i>	<i>1.18</i>	<i>.32</i>	<i>1.92</i>	<i>.23</i>	<i>1.548</i>
July	<i>4.67</i>	<i>3.65</i>	<i>3.80</i>	<i>4.05</i>	<i>2.72</i>	<i>1.59</i>	<i>4.32</i>	<i>.80</i>	<i>5.45</i>	<i>2.88</i>	<i>3.393</i>
August	<i>1.44</i>	<i>4.76</i>	<i>4.42</i>	<i>2.64</i>	<i>.72</i>	<i>3.53</i>	<i>1.95</i>	<i>2.41</i>	<i>2.03</i>	<i>4.54</i>	<i>2.846</i>
September	<i>4.33</i>	<i>4.65</i>	<i>1.68</i>	<i>3.09</i>	<i>.64</i>	<i>2.46</i>	<i>1.82</i>	<i>5.05</i>	<i>1.40</i>	<i>1.50</i>	<i>2.662</i>
October	<i>3.80</i>	<i>3.26</i>	<i>2.96</i>	<i>1.58</i>	<i>1.64</i>	<i>4.56</i>	<i>3.21</i>	<i>3.23</i>	<i>.83</i>	<i>4.40</i>	<i>2.947</i>
November	<i>2.32</i>	<i>1.30</i>	<i>2.71</i>	<i>1.00</i>	<i>1.62</i>	<i>1.92</i>	<i>2.85</i>	<i>2.57</i>	<i>3.01</i>	<i>1.02</i>	<i>2.032</i>
December	<i>3.82</i>	<i>1.86</i>	<i>3.69</i>	<i>2.58</i>	<i>1.69</i>	<i>.96</i>	<i>3.37</i>	<i>3.50</i>	<i>.69</i>	<i>1.41</i>	<i>2.337</i>
TOTALS	<i>28.18</i>	<i>31.96</i>	<i>30.67</i>	<i>25.21</i>	<i>19.31</i>	<i>26.07</i>	<i>29.69</i>	<i>23.92</i>	<i>24.18</i>	<i>24.72</i>	<i>26.391</i>

