

Rainfall at Moorgate GroveRotherhamRich^d Lechman

1 ft 66 68 69 262 68 69

Diameter of Gauge, ...5... in.Height above Ground, ...6 ft. 3... in.Above Mean Sea Level, ...268... ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						1.00	2.21	2.30	2.77	2.76	
February - -						1.39	2.40	1.62	1.59	1.68	
March - - -						.60	1.76	2.50	1.52	1.73	
April - - -						1.43	1.13	2.78	1.93	1.61	
May - - - -						3.29	.76	2.30	.73	5.44	
June - - - -						1.03	3.44	2.06	.40	.87	
July - - - -						1.74	4.26	2.31	.25	.11	
August - - -						3.46	2.78	3.41	2.01	1.83	
September -						.19	3.86	1.99	3.30	3.59	
October - -						4.37	3.20	2.20	2.59	1.23	
November -						1.99	2.23	.95	1.23	1.98	
December -						.54	2.28	1.63	6.79	3.19	
TOTALS -						21.03	30.31	26.05	25.11	26.02	

C C C C C

1866 1867 1868 1869

RAINFALL AT *Rotherham Moorgate Grove*

Lat.....

Lon.....

County of *Yorkshire* W.R

.....Rain Gauge, by.....

Observer *Richard Chrimes Esq*

Diameter .....	.5	.					.	.	.	.
Height	1	.	.				.	.	.	.
Altitude	262	.					.	.	.	.
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.76	1.31	2.95	1.85	1.01	2.28	1.30	3.99	1.96	1.35	1.976
February.....	1.53	1.58	2.14	.88	1.31	1.14	2.29	2.11	.96	2.38	1.632
March.....	2.18	.90	1.98	1.99	1.14	.80	3.33	2.64	.68	1.12	1.676
April.....	.31	2.56	3.88	.51	1.68	.59	1.61	3.55	1.68	2.90	1.927
May.....	.73	1.56	2.10	1.96	1.15	1.43	.60	3.22	3.31	2.81	1.887
June.....	1.82	3.98	4.00	1.24	.82	2.54	3.23	2.18	2.46	3.56	2.583
July.....	.51	2.87	6.55	1.74	1.63	4.67	1.37	3.37	.69	3.66	2.706
August.....	1.00	1.35	1.80	1.99	2.61	4.87	1.37	4.54	6.62	3.50	2.965
September.....	.99	5.37	3.08	1.61	1.77	2.34	4.02	3.55	1.97	1.69	2.639
October.....	6.41	2.26	4.59	1.56	2.46	4.54	2.25	1.90	2.57	1.05	2.959
November.....	1.90	.96	3.02	2.09	2.81	3.69	3.73	2.82	2.32	1.51	2.485
December.....	2.63	1.28	3.17	.21	1.95	1.09	6.10	2.33	1.51	1.37	2.164
TOTALS	21.77	25.98	39.26	17.63	20.34	29.98	31.20	36.20	26.73	26.90	27.599

1870 Dec. A snow storm commenced on 15th & continued more or less to the end of the month

Rotherham church 1 mile N.

RAINFALL AT *Rotherham, Moorgate Grove*

Lat.

Lon.

County of *York*

Rain Gauge, by

Observer *A. Christie, Esq*

Use - Don. 4.

Diameter	<i>5</i>											
Height	<i>1.0</i>											
Altitude	<i>262</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.15</i>	<i>.65</i>	<i>3.34</i>	<i>3.14</i>	<i>3.72</i>	<i>1.53</i>	<i>4.76</i>	<i>1.84</i>	<i>1.08</i>	<i>1.38</i>	<i>2.179</i>	
February	<i>2.00</i>	<i>4.11</i>	<i>1.66</i>	<i>2.31</i>	<i>1.54</i>	<i>2.48</i>	<i>.63</i>	<i>.67</i>	<i>1.43</i>	<i>1.83</i>	<i>1.866</i>	
March	<i>2.12</i>	<i>3.94</i>	<i>1.43</i>	<i>.99</i>	<i>1.49</i>	<i>1.25</i>	<i>2.76</i>	<i>1.40</i>	<i>2.94</i>	<i>3.20</i>	<i>2.152</i>	
April	<i>1.28</i>	<i>.89</i>	<i>3.57</i>	<i>3.03</i>	<i>2.01</i>	<i>1.79</i>	<i>1.27</i>	<i>1.05</i>	<i>1.85</i>	<i>3.22</i>	<i>1.996</i>	
May	<i>2.27</i>	<i>1.76</i>	<i>2.02</i>	<i>1.36</i>	<i>.93</i>	<i>1.56</i>	<i>6.11</i>	<i>1.74</i>	<i>.62</i>	<i>4.08</i>	<i>2.245</i>	
June	<i>4.01</i>	<i>1.95</i>	<i>3.60</i>	<i>2.36</i>	<i>1.22</i>	<i>2.70</i>	<i>.92</i>	<i>.26</i>	<i>1.77</i>	<i>.54</i>	<i>1.933</i>	
July	<i>5.47</i>	<i>1.57</i>	<i>3.23</i>	<i>1.99</i>	<i>2.67</i>	<i>.55</i>	<i>3.66</i>	<i>1.89</i>	<i>4.60</i>	<i>1.20</i>	<i>2.683</i>	
August	<i>2.03</i>	<i>4.95</i>	<i>1.91</i>	<i>.90</i>	<i>1.53</i>	<i>3.47</i>	<i>1.68</i>	<i>1.59</i>	<i>2.30</i>	<i>2.60</i>	<i>2.296</i>	
September	<i>4.37</i>	<i>2.37</i>	<i>2.17</i>	<i>4.85</i>	<i>.93</i>	<i>1.90</i>	<i>.89</i>	<i>1.89</i>	<i>1.16</i>	<i>1.75</i>	<i>2.228</i>	
October	<i>6.97</i>	<i>3.32</i>	<i>5.13</i>	<i>3.36</i>	<i>1.10</i>	<i>5.81</i>	<i>4.34</i>	<i>2.19</i>	<i>.60</i>	<i>3.21</i>	<i>3.603</i>	
November	<i>2.37</i>	<i>2.92</i>	<i>3.14</i>	<i>2.47</i>	<i>.86</i>	<i>2.34</i>	<i>1.21</i>	<i>1.58</i>	<i>4.73</i>	<i>.49</i>	<i>2.211</i>	
December	<i>3.09</i>	<i>2.51</i>	<i>3.61</i>	<i>1.25</i>	<i>1.91</i>	<i>.63</i>	<i>3.86</i>	<i>1.28</i>	<i>1.73</i>	<i>1.27</i>	<i>2.114</i>	
TOTALS	<i>36.13</i>	<i>31.14</i>	<i>34.81</i>	<i>28.01</i>	<i>19.91</i>	<i>26.01</i>	<i>32.09</i>	<i>17.38</i>	<i>24.81</i>	<i>24.77</i>	<i>27.506</i>	

1880. Rotherham

1 mile. N.

RAINFALL AT Rotherham Moorgate Grove

Lat.

Lon.

County of York W.R.

Rain Gauge, by

Observer R. Lunn Esq
C.E.

Case - Don Y.

Diameter	<u>5</u>											
Height	<u>1 0</u>											
Altitude	<u>262 ft</u>											
Year	<u>1890</u>	<u>1891</u>	<u>1892</u>	<u>1893</u>	<u>1894</u>	<u>1895</u>	<u>1896</u>	<u>1897</u>	<u>1898</u>	<u>1899</u>	<u>MEANS.</u>	
January	<u>2.68</u>	<u>1.20</u>	<u>1.09</u>	<u>1.67</u>	<u>1.86</u>	<u>3.99</u>	<u>.66</u>	<u>2.39</u>	<u>.57</u>	<u>2.72</u>	<u>1.883</u>	
February	<u>.93</u>	<u>.09</u>	<u>2.63</u>	<u>2.84</u>	<u>2.80</u>	<u>.19</u>	<u>.72</u>	<u>2.87</u>	<u>.93</u>	<u>1.75</u>	<u>1.575</u>	
March	<u>1.70</u>	<u>1.55</u>	<u>1.38</u>	<u>.56</u>	<u>.80</u>	<u>1.80</u>	<u>2.18</u>	<u>2.80</u>	<u>1.32</u>	<u>.91</u>	<u>1.500</u>	
April	<u>.73</u>	<u>2.13</u>	<u>1.45</u>	<u>.39</u>	<u>2.80</u>	<u>2.33</u>	<u>1.02</u>	<u>1.42</u>	<u>2.38</u>	<u>1.64</u>	<u>1.629</u>	
May	<u>2.88</u>	<u>2.96</u>	<u>3.17</u>	<u>2.55</u>	<u>1.72</u>	<u>.87</u>	<u>.57</u>	<u>.88</u>	<u>2.53</u>	<u>2.19</u>	<u>2.032</u>	
June	<u>1.93</u>	<u>2.17</u>	<u>3.53</u>	<u>1.26</u>	<u>2.14</u>	<u>3.52</u>	<u>2.24</u>	<u>2.04</u>	<u>1.25</u>	<u>2.22</u>	<u>2.230</u>	
July	<u>2.25</u>	<u>1.66</u>	<u>2.45</u>	<u>3.57</u>	<u>2.84</u>	<u>4.61</u>	<u>1.12</u>	<u>.74</u>	<u>2.40</u>	<u>1.79</u>	<u>2.343</u>	
August	<u>2.78</u>	<u>2.39</u>	<u>1.96</u>	<u>1.68</u>	<u>2.08</u>	<u>1.71</u>	<u>1.77</u>	<u>2.42</u>	<u>3.50</u>	<u>.86</u>	<u>2.115</u>	
September....	<u>1.42</u>	<u>2.08</u>	<u>2.13</u>	<u>1.22</u>	<u>.51</u>	<u>.77</u>	<u>4.00</u>	<u>1.78</u>	<u>.37</u>	<u>2.88</u>	<u>1.716</u>	
October	<u>1.10</u>	<u>3.14</u>	<u>5.41</u>	<u>1.56</u>	<u>3.97</u>	<u>2.98</u>	<u>2.74</u>	<u>.98</u>	<u>2.85</u>	<u>2.78</u>	<u>2.751</u>	
November....	<u>4.05</u>	<u>2.55</u>	<u>1.34</u>	<u>1.69</u>	<u>1.33</u>	<u>3.16</u>	<u>1.10</u>	<u>2.08</u>	<u>2.21</u>	<u>1.14</u>	<u>2.065</u>	
December	<u>.64</u>	<u>4.32</u>	<u>.45</u>	<u>2.85</u>	<u>1.26</u>	<u>2.69</u>	<u>3.19</u>	<u>2.38</u>	<u>2.27</u>	<u>2.12</u>	<u>2.217</u>	
TOTALS	<u>23.09</u>	<u>26.24</u>	<u>26.99</u>	<u>21.84</u>	<u>24.11</u>	<u>28.62</u>	<u>21.31</u>	<u>22.78</u>	<u>22.58</u>	<u>23.00</u>	<u>24.056</u>	

1870-

RAINFALL AT Rotherham Moorgate Grange
 Lat. Lon. County of York W.R. Southern
 Rain Gauge, by Observer C. E. Chimes Esq.

Rise - Don Y.

Diameter ..	5				8	5					
Height	1 0										
Altitude ..	262 N										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.58	1.33	.60	2.16	1.98	.78	2.86	1.40	1.16	.91	1.576
February ..	3.89	1.11	1.48	1.73	3.31	.92	2.63	1.57	1.93	.59	1.916
March ....	.37	1.82	1.31	2.92	1.92	2.35	1.43	1.31	2.90	3.40	1.973
April .....	.67	1.32	2.70	1.44	1.72	2.11	.39	1.48	2.23	1.27	1.533
May	1.44	1.50	2.58	2.75	2.76	.55	1.49	3.66	2.10	1.37	2.020
June	2.60	1.30	1.63	1.69	.28	2.80	2.31	3.18	1.44	3.69	2.092
July	2.52	3.27	1.70	1.71	2.02	1.68	1.16	1.83	1.89	2.97	2.075
August	5.08	.81	3.97	3.26	3.48	2.80	1.39	1.63	2.31	2.50	2.723
September ..	.58	.84	1.15	2.99	1.06	1.26	.72	.39	1.10	2.53	1.262
October	2.45	1.86	2.75	5.42	.60	1.52	5.25	4.97	.88	2.39	2.809
November ..	2.18	2.99	2.05	1.18	1.20	3.19	3.07	2.30	1.05	.31	1.952
December ..	3.63	5.88	2.04	1.01	1.16	.40	3.24	1.64	1.78	4.79	2.557
TOTALS ..	27.99	24.03	23.96	28.26	21.49	20.36	25.94	25.36	20.77	26.72	24.488 455

Rotherham Station 1 mile N.W.

H.W.

RAINFALL at Rotherham Moorgate Grange

County of W. R. Yorkshire Observer F. M. Watson Esq
W. Dyson Esq.
(J. Nicholson, Gardens)

River Basin Case-Dow 7

Cu. B.A. Rain Gauge, by _____

1922

498
499
499

Knife edge painted over
no bottom to outer can.

Capacity of inner can — 1.75 in. only.
Glass correct (approx) S.F.S.

Diameter ...	5										
Height	10					1.8		10			
Altitude ...	262		275								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.71	1.79	3.37	0.65	1.53	2.24	2.31	1.24	4.19	1.51	
February ...	2.29	.19	2.55	4.59	.82	3.09	1.38	1.30	2.49	.74	
March	1.84	.91	1.41	1.35	.99	.58	.63	2.23	2.13		
April	4.13	.74	3.09	1.93	1.42	2.32	1.25	1.83	.85		
May	2.22	1.05	.56	2.64	3.43	3.34	2.36	1.19	1.31		
June	2.61	.36	.87	0.52	1.98	.10	3.04	2.72	2.81		
July	3.98	.23	3.00	5.78	2.28	.82	2.17	2.56	.46		
August .....	.75	4.50	5.25	2.27	2.48	2.61	3.00	5.19	2.18		
September...	1.19	.59	1.95	1.89	2.58	2.16	.94	3.67	.77		
October	1.77	1.47	.92	1.41	3.01	2.64	2.03	1.92	3.75		
November...	.92	1.86	.73	2.79	1.72	1.98	3.00	2.42	2.77		
December...	2.63	2.77	2.83	2.54	2.09	2.32	.97	2.19	1.73		
TOTALS...	27.04	16.46	26.53	28.36	24.33	24.20	23.08	28.46	24.84	# Gauge broken f648294/25	
	D	D	D	D	D	D	D	D	D		

Inspected 20.7.22 G. in rather sheltered garden. Slight improvement in position ^{can be} obtained by moving 2 ins S.W. Newbs. recommended.

1922. G. moved 150 yds W. 22nd Dec. New gauge supplied by M.O. Dec. 22.

Fruit Room 8½' high 7' N by W.

2nd gauge B.A. copper (7.98, 7.99, 7.97.) Painted. Worn out & not used now. It would be mended as a check gauge

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.		
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1922	53½'	1° 20'	L.M.R.S. Rotherham (Moorgate)	1 mi.	N by W	Rotherham	1 m.	NW