

Mill at *Marigate Green*
Rotherham

Rich^d Chrimes

144 65 68 69 262 60 69

Diameter of Gauge, *5*..... in.

Height above Ground, *6*.. ft. *3*... in.

Above Mean Sea Level, *268*..... ft.

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

C C C C C

RAINFALL AT *Rotherham Moorgate Grove*

Lat..... Lon..... County of *Yorkshire* W.R.
 Rain Gauge, by..... Observer *Richard Chimes 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	3.37	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	2.957
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	27.597

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, Mortgage Lane*

80

Lat. _____

Lon. _____

County of _____

York

Rain Gauge, by _____

Observer _____

A. Chinn, Esq

Cause - Don. 4

Diameter	<i>5</i>											
Height	<i>1.0</i>											
Altitude	<i>262 ft</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>1.26</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. Gurnis Esq*
C.E.
Cuse - Don 4

Diameter	5										
Height	10										
Altitude	262 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.68	1.20	1.09	1.67	1.86	3.99	.66	2.39	.57	2.72	1.883
February ....	.93	.09	2.63	2.84	2.80	.19	.72	2.87	.93	1.75	1.575
March	1.70	1.55	1.38	.56	.80	1.80	2.18	2.80	1.32	.91	1.500
April .....	.73	2.13	1.45	.39	2.80	2.33	1.02	1.42	2.38	1.64	1.629
May	2.88	2.96	3.17	2.55	1.72	.87	.57	.88	2.53	2.19	2.032
June	1.93	2.17	3.53	1.26	2.14	3.52	2.24	2.04	1.25	2.22	2.230
July	2.25	1.66	2.45	3.57	2.84	4.61	1.12	.74	2.40	1.79	2.313
August	2.78	2.39	1.96	1.68	2.08	1.71	1.77	2.42	3.50	.86	2.115
September....	1.42	2.08	2.13	1.22	.51	.77	4.00	1.78	.37	2.88	1.716
October	1.10	3.14	5.41	1.56	3.97	2.98	2.74	.98	2.85	2.78	2.751
November....	4.05	2.55	1.34	1.69	1.33	3.16	1.10	2.08	2.21	1.14	2.065
December ....	.64	4.32	.45	2.85	1.26	2.69	3.19	2.38	2.27	2.12	2.217
TOTALS . . .	23.09	26.24	26.99	21.84	24.11	28.62	21.31	22.78	22.58	23.00	24.054

1870-

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

Once - Don't

Diameter ..	5				8	5					
Height ...	1 0										
Altitude ..	262 ft										
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

Rotherham Station 1 mile N.W.

H.W.B.

RAINFALL at Rotherham Moorgate GrangeCounty of W. Yorks.Observer C. L. Crumner EsqRiver Basin Don 7W. Watson Esq

Rain Gauge, by _____

Diameter ...	8	5									
Height	1	0									
Altitude ...	262										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.59	.88	3.35	3.52	1.16	2.71	.80	3.05	2.67	3.91	
February ...	2.64	1.40	1.81	1.04	1.30	3.46	4.79	.56	1.69	2.14	
March .....	.57	.81	2.55	2.83	2.06	1.24	5.30	2.81	1.08	3.05	
April	2.06	.82	.13	3.41	1.09	.96	.85	3.24	1.22	1.29	
May	2.20	1.06	3.44	1.75	1.63	1.70	2.48	1.85	2.34	.93	
June	2.90	2.45	4.16	.46	2.46	2.10	1.16	1.98	.69	.79	
July	2.48	.09	5.58	1.44	3.41	4.39	1.44	.70	3.22	3.52	
August	2.95	1.65	5.14	1.95	1.58	2.29	1.58	4.52	1.55	2.69	
September ..	.24	1.84	1.16	2.79	1.29	.82	1.21	.70	6.02	2.28	
October ...	2.04	1.68	2.11	3.74	2.29	1.53	2.34	2.92	1.05	2.56	
November ..	3.55	2.88	1.49	2.23	2.99	2.69	3.78	1.20	1.31	1.91	
December ...	3.69	4.14	2.65	2.12	5.11	6.67	3.22	1.07	2.58	3.41	
TOTALS ...	27.91	19.70	33.57	27.28	26.37	30.56	28.95	24.60	25.42	28.51	27.27

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Rotherham Moorgate GrangeCounty of N. R. YorkshireObserver F. R. Watson Esq.River Basin Cuse-Dov 7W. Dyson Esq.

(J. Nicholson, Gardens)

Cu. B.A.

Rain Gauge, by

Sweet & Barnes Ltd 1923.

Knife edge painted over

no bottom to outer can.

Capacity of inner can — 1.5 in. only.

Glass correct (approx) 5 p.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	1.34	.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	.17		
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	28.40	24.84		
	D	D	D	D	D	D	D	D	D		

Gauge broken
f 642394/5

Inspected 20.7.22 G. in rather sheltered garden. Slight improvement in position obtained by moving 1/2 in S.W. New recommended.

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

Fruit Room 8 1/2' high 7' N by W.

2nd gauge B.A. copper (7.98, 7.98, 7.97.) Painted - worn out and not used now.
It would be intended 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	53 1/2'	1° 20'	R.M.T.S. Rotherham (Nesgate)	1 mi.	N by W	Rotherham	1 mi.	N.W.