

Chesterfield
M. S. & L. R.

serby.

Imp. Red

248 ft + m s l

Don - 8.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -							3.01	2.57	.53	1.42	
February - -							1.86	1.01	.38	2.45	
March - - -							.80	2.04	.77	2.41	
April - - -							3.09	2.34	3.73	3.56	
May - - - -						#2.05	2.40	.86	1.37	.17	
June - - - -						2.10	1.59	1.79	1.36	3.35	
July - - - -						4.27	2.46	1.71	1.84	.60	
August - - -						.56	4.55	7.65	4.34	5.29	
September -						.40	3.72	3.01	2.03	3.14	
October - -						4.39	2.16	1.73	4.65	3.25	
November -						.67	.78	1.15	.88	2.40	
December -						.63	1.68	.14	2.07	2.26	
TOTALS -							28.10	25.94	23.95	30.30	

c c c c c

7 M S & L R ppr

Chesterfield

M. L. & L. R.

Derby.

+ Ground 31.6 in

248 ft + m s l

Don-8.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.16	1.06	1.49	3.89	1.02	1.85	2.49	2.77	1.69	3.36	2.378
February - -	.64	4.20	.66	.59	1.87	1.83	3.30	2.53	1.72	2.01	1.933
March - - -	2.36	3.71	3.88	.52	2.67	.68	1.22	2.07	2.48	2.24	2.183
April - - -	.69	1.92	1.81	.68	1.92	1.87	1.29	2.98	1.93	1.83	1.692
May - - - -	3.35	.83	3.85	.77	1.31	2.90	.72	2.68	1.05	5.36	2.282
June - - - -	4.26	2.29	1.97	5.04	.81	1.13	3.79	2.14	.55	.75	2.269
July - - - -	1.20	3.72	1.65	2.06	.31	2.77	2.94	3.19	.00	.05	1.789
August - - -	4.45	.33	1.82	2.26	1.03	4.29	3.38	3.79	2.28	.88	2.451
September -	2.05	2.01	3.54	2.20	2.73	.05	4.51	2.72	2.46	4.02	2.629
October - -	1.72	1.65	3.60	3.73	2.96	6.13	2.93	2.56	2.80	1.41	2.949
November -	2.30	2.09	.55	1.72	3.18	2.71	2.78	.80	1.04	1.72	1.889
December -	2.36	1.67	1.52	1.60	1.53	.88	2.02	1.89	7.47	3.90	2.484
TOTALS -	29.54	25.48	26.34	25.06	21.34	27.09	31.37	30.08	25.47	27.53	26.930

v e e e e e e e e e e

1868 Average 13 years 26.92

RAINFALL AT *Chesterfield*

Lat..... Lon..... County of..... *Derby*
 Rain Gauge, by..... Observer *M. J. L. B.*

Don - 8.

Diameter	<i>.9</i>										
Height	<i>3.6</i>										
Altitude	<i>248.</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>1.99</i>	<i>1.12</i>	<i>3.48</i>	<i>3.65</i>	<i>2.89</i>	<i>3.64</i>	<i>1.40</i>	<i>4.99</i>	<i>3.12</i>	<i>1.49</i>	<i>2.777</i>
February.....	<i>1.84</i>	<i>1.94</i>	<i>2.61</i>	<i>.81</i>	<i>1.75</i>	<i>.87</i>	<i>3.15</i>	<i>1.72</i>	<i>1.25</i>	<i>3.65</i>	<i>1.959</i>
March.....	<i>2.25</i>	<i>1.18</i>	<i>1.93</i>	<i>2.00</i>	<i>1.33</i>	<i>1.05</i>	<i>4.69</i>	<i>3.30</i>	<i>.56</i>	<i>.86</i>	<i>1.915</i>
April.....	<i>.25</i>	<i>2.25</i>	<i>2.83</i>	<i>.55</i>	<i>2.32</i>	<i>.85</i>	<i>2.53</i>	<i>2.79</i>	<i>1.61</i>	<i>3.12</i>	<i>1.910</i>
May	<i>1.22</i>	<i>1.40</i>	<i>3.13</i>	<i>1.82</i>	<i>.77</i>	<i>1.31</i>	<i>.68</i>	<i>4.12</i>	<i>4.92</i>	<i>2.68</i>	<i>2.205</i>
June.....	<i>.98</i>	<i>4.23</i>	<i>4.02</i>	<i>1.29</i>	<i>.46</i>	<i>2.96</i>	<i>2.63</i>	<i>1.80</i>	<i>2.58</i>	<i>5.01</i>	<i>2.596</i>
July	<i>.83</i>	<i>3.39</i>	<i>5.00</i>	<i>1.77</i>	<i>1.20</i>	<i>4.54</i>	<i>1.43</i>	<i>2.39</i>	<i>.73</i>	<i>2.56</i>	<i>2.384</i>
August.....	<i>66</i>	<i>1.19</i>	<i>2.28</i>	<i>2.60</i>	<i>2.55</i>	<i>4.72</i>	<i>2.11</i>	<i>4.88</i>	<i>6.61</i>	<i>4.22</i>	<i>3.182</i>
September.....	<i>1.04</i>	<i>4.80</i>	<i>4.12</i>	<i>2.35</i>	<i>2.15</i>	<i>3.11</i>	<i>3.28</i>	<i>2.92</i>	<i>2.60</i>	<i>1.73</i>	<i>2.810</i>
October.....	<i>5.58</i>	<i>2.91</i>	<i>5.22</i>	<i>3.34</i>	<i>3.25</i>	<i>5.77</i>	<i>4.40</i>	<i>2.22</i>	<i>3.93</i>	<i>.77</i>	<i>3.739</i>
November.....	<i>1.95</i>	<i>.85</i>	<i>3.43</i>	<i>2.70</i>	<i>4.15</i>	<i>4.37</i>	<i>3.86</i>	<i>3.35</i>	<i>2.93</i>	<i>.88</i>	<i>2.847</i>
December.....	<i>2.41</i>	<i>1.30</i>	<i>3.25</i>	<i>.08</i>	<i>1.85</i>	<i>1.60</i>	<i>6.53</i>	<i>2.47</i>	<i>1.89</i>	<i>.78</i>	<i>2.216</i>
TOTALS	<i>21.00</i>	<i>26.56</i>	<i>41.30</i>	<i>22.96</i>	<i>24.67</i>	<i>34.79</i>	<i>36.69</i>	<i>36.95</i>	<i>32.73</i>	<i>27.75</i>	<i>30.540</i>

C C C

RAINFALL AT *Chesterfield*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *M.S. & L.P.C.*

Don - 8.

Diameter	<i>9</i>											
Height	<i>3.6</i>											
Altitude	<i>248</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.12</i>	<i>.27</i>	<i>2.78</i>	<i>3.46</i>	<i>3.60</i>	<i>2.03</i>	<i>3.79</i>	<i>2.05</i>	<i>.55</i>	<i>1.27</i>	<i>1.992</i>	
February	<i>1.59</i>	<i>4.41</i>	<i>1.78</i>	<i>2.35</i>	<i>1.79</i>	<i>3.08</i>	<i>.59</i>	<i>.43</i>	<i>1.04</i>	<i>1.69</i>	<i>1.875</i>	
March	<i>.96</i>	<i>2.84</i>	<i>1.31</i>	<i>.70</i>	<i>2.02</i>	<i>1.22</i>	<i>2.42</i>	<i>1.39</i>	<i>2.82</i>	<i>3.93</i>	<i>1.961</i>	
April	<i>1.49</i>	<i>1.06</i>	<i>4.36</i>	<i>2.48</i>	<i>2.42</i>	<i>1.66</i>	<i>1.96</i>	<i>.99</i>	<i>1.51</i>	<i>3.33</i>	<i>2.126</i>	
May	<i>2.42</i>	<i>1.88</i>	<i>1.68</i>	<i>1.28</i>	<i>1.19</i>	<i>1.51</i>	<i>7.46</i>	<i>1.72</i>	<i>.84</i>	<i>2.97</i>	<i>2.295</i>	
June	<i>4.93</i>	<i>2.82</i>	<i>1.97</i>	<i>2.28</i>	<i>1.26</i>	<i>2.85</i>	<i>1.24</i>	<i>.34</i>	<i>2.40</i>	<i>.40</i>	<i>2.049</i>	
July	<i>4.73</i>	<i>1.00</i>	<i>3.54</i>	<i>3.14</i>	<i>3.22</i>	<i>.46</i>	<i>3.04</i>	<i>1.16</i>	<i>4.27</i>	<i>2.36</i>	<i>2.682</i>	
August	<i>1.09</i>	<i>4.78</i>	<i>1.39</i>	<i>.52</i>	<i>1.76</i>	<i>2.48</i>	<i>2.58</i>	<i>2.62</i>	<i>2.46</i>	<i>2.83</i>	<i>2.251</i>	
September	<i>3.77</i>	<i>1.29</i>	<i>1.30</i>	<i>4.23</i>	<i>1.29</i>	<i>2.28</i>	<i>1.05</i>	<i>2.24</i>	<i>.83</i>	<i>1.71</i>	<i>1.999</i>	
October	<i>7.23</i>	<i>3.08</i>	<i>4.49</i>	<i>3.11</i>	<i>1.30</i>	<i>6.44</i>	<i>4.26</i>	<i>1.87</i>	<i>.53</i>	<i>4.10</i>	<i>3.641</i>	
November	<i>1.80</i>	<i>2.41</i>	<i>2.94</i>	<i>3.09</i>	<i>1.13</i>	<i>2.38</i>	<i>1.64</i>	<i>1.67</i>	<i>4.99</i>	<i>.85</i>	<i>2.290</i>	
December	<i>3.14</i>	<i>.91</i>	<i>3.79</i>	<i>1.71</i>	<i>1.87</i>	<i>.65</i>	<i>4.47</i>	<i>2.17</i>	<i>2.44</i>	<i>1.38</i>	<i>2.253</i>	
TOTALS	<i>33.27</i>	<i>26.75</i>	<i>31.33</i>	<i>28.25</i>	<i>22.85</i>	<i>27.04</i>	<i>34.50</i>	<i>18.65</i>	<i>24.68</i>	<i>26.82</i>	<i>27.414</i>	

RAINFALL AT Chesterfield

Lat.

Lon.

County of Derby

Rain Gauge, by

Observer MS & L R Co

Don - 8.

Diameter	9										
Height	3 6										
Altitude	248				251						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.73	1.70	1.69	1.09	2.18	3.59	.72	2.36	.53	3.16	2.075
February ....	.77	.06	2.28	3.20	3.00	.12	1.01	3.36	1.61	2.05	1.746
March	1.71	1.33	1.00	.51	1.50	2.08	2.41	2.71	1.06	1.00	1.531
April .....	.48	1.87	.85	.50	1.96	1.88	.93	1.54	2.54	2.22	1.447
May	2.59	3.09	2.85	3.62	1.94	.51	.37	1.03	1.77	2.82	2.059
June	1.77	4.21	4.00	.85	2.12	.98	2.08	3.45	1.22	2.08	2.276
July	1.99	2.19	2.29	2.72	2.12	3.39	.95	.59	1.11	2.49	1.984
August	2.79	3.26	2.02	1.52	2.15	2.44	1.42	1.88	2.80	1.33	2.161
September	1.54	1.04	2.77	1.18	.46	.74	4.32	1.88	.47	3.54	1.794
October	1.36	3.73	3.68	1.52	4.16	2.46	3.54	1.03	2.73	2.61	2.682
November	3.88	2.86	1.36	1.44	1.63	3.81	1.39	2.39	2.40	1.56	2.272
December ....	.66	4.42	.65	3.54	1.79	2.83	3.89	3.46	2.61	1.95	2.580
TOTALS	23.27	29.76	25.44	21.69	25.01	24.83	23.03	25.68	20.85	26.81	24.637

1860 -

RAINFALL AT

Chesterfield

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

Great Central Ry Co

Don - 8.

Diameter ..	9										
Height	3.6										
Altitude ..	251		246			250					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.25	2.27	1.10	3.32	2.76	1.13	3.49	.95	.99	1.77	2.203
February ..	4.13	1.14	1.60	1.49	4.26	1.36	2.58	2.02	1.76	.51	2.085
March ....	.56	2.28	1.77	3.29	2.27	2.62	1.79	1.84	2.67	3.04	2.213
April	1.16	1.24	2.87	1.40	1.66	1.80	.45	1.44	2.04	1.20	1.526
May	1.18	1.04	2.33	2.90	1.64	.39	1.97	3.09	2.13	1.27	1.794
June	2.45	1.25	1.43	1.24	.79	3.16	1.80	3.43	1.48	2.63	1.966
July	2.72	5.26	1.89	2.18	1.83	2.11	.65	1.83	2.24	2.72	2.343
August	4.39	1.12	3.83	4.42	3.65	2.71	1.34	1.85	2.82	2.03	2.816
September ..	.52	.82	1.39	2.87	1.14	1.15	.71	.37	1.71	1.98	1.266
October	2.59	1.66	2.41	5.88	.36	1.41	5.12	4.54	1.12	3.33	2.842
November ..	2.02	3.84	2.19	1.63	1.38	2.99	2.19	2.00	1.43	.30	1.997
December ..	3.89	5.69	1.85	1.66	1.44	.54	1.45	2.20	1.58	4.74	2.504
TOTALS ..	29.86	27.61	24.66	32.28	23.18	21.37	23.54	25.56	21.97	25.52	25.555

Hut

RAINFALL at ChesterfieldCounty of DerbyshireObserver Great Central Railway Co.River Basin Ouse-Don &

Rain Gauge, by _____

Diameter ...	9										
Height	3.6										
Altitude ...	250										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.18	1.16	3.72	3.91	1.36	2.82	1.09	2.28	2.17	2.94	
February ...	3.23	1.63	1.48	1.20	1.76	3.45	4.21	.53	1.65	2.49	
March .....	.56	1.13	3.65	3.92	2.38	.70	4.21	1.73	.87	4.42	
April	2.12	.94	.35	3.07	.91	.95	1.02	1.63	1.23	1.77	
May	2.06	1.60	2.61	2.08	1.20	1.16	2.05	1.75	2.36	1.21	
June	1.67	1.90	3.38	.41	1.76	.86	2.11	1.91	.36	.56	
July	1.86	.04	4.56	1.23	3.57	3.39	2.15	.86	2.53	3.59	
August	3.82	1.38	4.82	2.05	1.36	1.87	1.18	4.05	2.02	2.77	
September ..	.16	1.54	1.16	2.26	1.06	.66	1.04	.65	5.72	1.67	
October ...	2.43	1.76	2.96	3.05	2.37	1.01	2.62	2.75	1.05	2.66	
November ..	4.07	2.42	1.48	2.77	3.08	2.75	3.59	1.26	1.44	1.82	
December ...	4.78	5.17	3.03	1.11	5.61	6.47	2.58	1.68	3.56	4.50	
TOTALS ...	28.94	20.67	33.20	27.06	26.42	26.09	27.85	21.08	24.96	30.40	

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

County of Derby

Observer S. C. Kely Co.

River Basin 8 - Dow.

Rain Gauge, by

8.50 } Good condition
8.50 }

Inspected 7/8. 16. VII. 21

well secured & water tight

wooden structure

8.5 in

3 ft 6 in

G. at northern end of platform near signal box
fired each morning by signaller. Position too
exposed for type of gauge. Glass for 8.5 lb. but not
tested.

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

No. of Map

Reference No.

[illegible]