

RAINFALL AT *Cornub's Moss*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

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

upper mercury - 1.

Diameter	<i>9</i>											
Height	<i>3.6</i>											
Altitude	<i>1669T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.55</i>	<i>38</i>	<i>2.45</i>	<i>3.98</i>	<i>5.30</i>	<i>2.76</i>	<i>5.12</i>	<i>2.51</i>	<i>1.78</i>	<i>2.44</i>	<i>2.727</i>	
February	<i>3.79</i>	<i>5.24</i>	<i>3.39</i>	<i>4.03</i>	<i>2.32</i>	<i>3.07</i>	<i>.72</i>	<i>1.92</i>	<i>1.18</i>	<i>1.92</i>	<i>2.758</i>	
March	<i>2.82</i>	<i>3.30</i>	<i>1.59</i>	<i>.70</i>	<i>2.41</i>	<i>2.52</i>	<i>2.96</i>	<i>1.62</i>	<i>2.96</i>	<i>2.42</i>	<i>2.330</i>	
April	<i>1.71</i>	<i>1.52</i>	<i>4.26</i>	<i>2.86</i>	<i>1.66</i>	<i>2.63</i>	<i>2.04</i>	<i>1.09</i>	<i>2.26</i>	<i>2.85</i>	<i>2.288</i>	
May	<i>3.38</i>	<i>3.62</i>	<i>1.59</i>	<i>1.16</i>	<i>1.81</i>	<i>2.82</i>	<i>7.19</i>	<i>2.37</i>	<i>1.22</i>	<i>3.32</i>	<i>2.848</i>	
June	<i>2.74</i>	<i>2.79</i>	<i>6.45</i>	<i>4.05</i>	<i>2.35</i>	<i>3.41</i>	<i>2.16</i>	<i>.42</i>	<i>2.31</i>	<i>.72</i>	<i>2.740</i>	
July	<i>5.93</i>	<i>3.69</i>	<i>6.00</i>	<i>3.18</i>	<i>5.66</i>	<i>1.82</i>	<i>4.76</i>	<i>1.49</i>	<i>7.64</i>	<i>3.48</i>	<i>4.365</i>	
August	<i>1.95</i>	<i>6.22</i>	<i>3.57</i>	<i>3.10</i>	<i>1.66</i>	<i>2.24</i>	<i>3.34</i>	<i>1.92</i>	<i>4.22</i>	<i>4.45</i>	<i>3.267</i>	
September	<i>5.43</i>	<i>2.88</i>	<i>2.73</i>	<i>7.10</i>	<i>4.90</i>	<i>4.49</i>	<i>3.04</i>	<i>3.68</i>	<i>1.18</i>	<i>3.32</i>	<i>3.875</i>	
October	<i>4.14</i>	<i>5.48</i>	<i>4.42</i>	<i>5.47</i>	<i>1.71</i>	<i>7.39</i>	<i>7.24</i>	<i>2.76</i>	<i>1.92</i>	<i>3.92</i>	<i>4.445</i>	
November	<i>4.18</i>	<i>5.16</i>	<i>5.13</i>	<i>3.32</i>	<i>2.69</i>	<i>2.91</i>	<i>3.65</i>	<i>2.47</i>	<i>8.54</i>	<i>1.77</i>	<i>3.982</i>	
December	<i>4.99</i>	<i>2.24</i>	<i>4.55</i>	<i>2.49</i>	<i>5.74</i>	<i>1.19</i>	<i>7.17</i>	<i>3.21</i>	<i>3.99</i>	<i>2.23</i>	<i>3.780</i>	
TOTALS	<i>41.61</i>	<i>42.52</i>	<i>46.13</i>	<i>41.44</i>	<i>38.21</i>	<i>37.25</i>	<i>49.39</i>	<i>25.46</i>	<i>39.26</i>	<i>32.84</i>	<i>39.405</i>	

NB. *Rejected from Survey as 13" too low.*

RAINFALL AT *Cumb's Reservoir*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *MS & LRB*

Upper Mersey - 1.

Diameter	<i>9</i>											
Height	<i>3.6</i>											
Altitude	<i>710 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.61</i>	<i>.21</i>	<i>3.40</i>	<i>4.96</i>	<i>4.61</i>	<i>2.47</i>	<i>4.74</i>	<i>2.24</i>	<i>1.32</i>	<i>1.43</i>	<i>2.599</i>	
February	<i>4.02</i>	<i>5.55</i>	<i>3.36</i>	<i>4.04</i>	<i>2.77</i>	<i>3.16</i>	<i>.63</i>	<i>.93</i>	<i>.93</i>	<i>1.48</i>	<i>2.687</i>	
March	<i>3.13</i>	<i>3.76</i>	<i>2.13</i>	<i>1.16</i>	<i>3.12</i>	<i>2.65</i>	<i>2.94</i>	<i>2.05</i>	<i>2.68</i>	<i>3.37</i>	<i>2.689</i>	
April	<i>2.04</i>	<i>1.35</i>	<i>4.43</i>	<i>2.18</i>	<i>1.49</i>	<i>1.99</i>	<i>1.74</i>	<i>.91</i>	<i>1.73</i>	<i>2.70</i>	<i>2.056</i>	
May	<i>2.99</i>	<i>3.50</i>	<i>1.53</i>	<i>1.35</i>	<i>1.77</i>	<i>2.49</i>	<i>6.45</i>	<i>2.05</i>	<i>.95</i>	<i>2.98</i>	<i>2.606</i>	
June	<i>2.90</i>	<i>2.20</i>	<i>6.03</i>	<i>4.45</i>	<i>2.16</i>	<i>3.34</i>	<i>1.49</i>	<i>.47</i>	<i>2.36</i>	<i>.66</i>	<i>2.606</i>	
July	<i>5.07</i>	<i>2.30</i>	<i>5.35</i>	<i>3.12</i>	<i>4.92</i>	<i>1.57</i>	<i>3.89</i>	<i>1.18</i>	<i>5.88</i>	<i>3.44</i>	<i>3.672</i>	
August	<i>1.87</i>	<i>4.86</i>	<i>3.23</i>	<i>3.19</i>	<i>1.88</i>	<i>1.74</i>	<i>2.18</i>	<i>1.87</i>	<i>3.64</i>	<i>4.86</i>	<i>2.932</i>	
September	<i>5.34</i>	<i>2.44</i>	<i>2.21</i>	<i>6.10</i>	<i>3.53</i>	<i>4.53</i>	<i>2.21</i>	<i>3.28</i>	<i>1.35</i>	<i>3.34</i>	<i>3.433</i>	
October	<i>5.73</i>	<i>4.33</i>	<i>3.58</i>	<i>4.97</i>	<i>2.34</i>	<i>7.79</i>	<i>5.44</i>	<i>2.10</i>	<i>1.41</i>	<i>3.92</i>	<i>4.161</i>	
November	<i>4.08</i>	<i>4.62</i>	<i>6.59</i>	<i>3.64</i>	<i>1.78</i>	<i>3.20</i>	<i>2.76</i>	<i>2.17</i>	<i>6.98</i>	<i>1.62</i>	<i>3.744</i>	
December	<i>5.60</i>	<i>4.42</i>	<i>4.90</i>	<i>2.98</i>	<i>4.11</i>	<i>1.72</i>	<i>5.90</i>	<i>2.53</i>	<i>2.76</i>	<i>2.56</i>	<i>3.748</i>	
TOTALS	<i>43.38</i>	<i>39.54</i>	<i>46.74</i>	<i>42.04</i>	<i>34.48</i>	<i>36.65</i>	<i>40.37</i>	<i>21.78</i>	<i>31.99</i>	<i>32.36</i>	<i>36.933</i>	

N.B. Rejected from survey as 6" too low.

RAINFALL AT *Chapel-en-le-Frith*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer. *M. S. & L. R. Co.*

Upper mercury - 1.

Diameter	<i>9</i>											
Height	<i>3.6</i>											
Altitude	<i>965 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>2.23</i>	<i>.27</i>	<i>3.29</i>	<i>5.53</i>	<i>5.19</i>	<i>2.91</i>	<i>4.49</i>	<i>1.94</i>	<i>1.48</i>	<i>1.86</i>	<i>2.919</i>	
February	<i>4.33</i>	<i>5.21</i>	<i>3.29</i>	<i>3.94</i>	<i>3.20</i>	<i>3.69</i>	<i>.63</i>	<i>.80</i>	<i>.92</i>	<i>1.63</i>	<i>2.764</i>	
March	<i>3.56</i>	<i>3.63</i>	<i>2.32</i>	<i>.73</i>	<i>2.76</i>	<i>2.44</i>	<i>3.21</i>	<i>1.66</i>	<i>2.43</i>	<i>2.88</i>	<i>2.562</i>	
April	<i>1.65</i>	<i>1.15</i>	<i>4.40</i>	<i>2.23</i>	<i>1.51</i>	<i>1.63</i>	<i>2.03</i>	<i>.86</i>	<i>1.94</i>	<i>3.50</i>	<i>2.090</i>	
May	<i>2.75</i>	<i>3.68</i>	<i>1.92</i>	<i>1.17</i>	<i>1.97</i>	<i>2.87</i>	<i>6.31</i>	<i>2.30</i>	<i>1.04</i>	<i>2.82</i>	<i>2.683</i>	
June	<i>2.94</i>	<i>2.15</i>	<i>5.39</i>	<i>4.41</i>	<i>2.20</i>	<i>3.13</i>	<i>1.66</i>	<i>.39</i>	<i>1.98</i>	<i>.58</i>	<i>2.483</i>	
July	<i>4.96</i>	<i>2.48</i>	<i>5.48</i>	<i>3.26</i>	<i>5.34</i>	<i>1.53</i>	<i>4.70</i>	<i>1.28</i>	<i>5.57</i>	<i>3.66</i>	<i>3.826</i>	
August	<i>1.98</i>	<i>5.10</i>	<i>3.46</i>	<i>3.27</i>	<i>2.33</i>	<i>1.70</i>	<i>2.28</i>	<i>2.00</i>	<i>3.68</i>	<i>4.34</i>	<i>3.014</i>	
September	<i>5.78</i>	<i>2.50</i>	<i>2.57</i>	<i>6.71</i>	<i>3.38</i>	<i>4.63</i>	<i>2.34</i>	<i>3.35</i>	<i>1.22</i>	<i>3.38</i>	<i>3.586</i>	
October	<i>5.03</i>	<i>4.71</i>	<i>3.79</i>	<i>5.58</i>	<i>2.46</i>	<i>8.66</i>	<i>6.12</i>	<i>2.20</i>	<i>1.39</i>	<i>4.66</i>	<i>4.460</i>	
November	<i>4.54</i>	<i>5.28</i>	<i>6.94</i>	<i>3.71</i>	<i>1.82</i>	<i>3.71</i>	<i>3.08</i>	<i>2.30</i>	<i>7.48</i>	<i>1.60</i>	<i>4.046</i>	
December	<i>5.29</i>	<i>3.96</i>	<i>4.29</i>	<i>3.44</i>	<i>4.70</i>	<i>1.91</i>	<i>5.53</i>	<i>2.58</i>	<i>3.15</i>	<i>2.74</i>	<i>3.759</i>	
TOTALS	<i>45.04</i>	<i>40.12</i>	<i>47.14</i>	<i>43.98</i>	<i>36.86</i>	<i>38.81</i>	<i>42.38</i>	<i>21.66</i>	<i>32.28</i>	<i>33.65</i>	<i>38.192</i>	

N.B. Rejected from Survey as 8" too low.

RAINFALL AT *Glossop, Spine Hollin*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *F. Hawke, Esq.*

Upper Mersey - 1.

Diameter	<i>10</i>							<i>8</i>			
Height	<i>10</i>										
Altitude	<i>612 T</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>1.44</i>	<i>.44</i>	<i>4.22</i>	<i>5.84</i>	<i>5.34</i>	<i>2.58</i>	<i>5.87</i>	<i>1.70</i>	<i>1.81</i>	<i>1.74</i>	<i>3.098</i>
February	<i>3.79</i>	<i>4.87</i>	<i>3.03</i>	<i>3.04</i>	<i>3.35</i>	<i>3.21</i>	<i>.68</i>	<i>1.03</i>	<i>2.21</i>	<i>2.59</i>	<i>2.780</i>
March	<i>2.59</i>	<i>4.61</i>	<i>3.75</i>	<i>.51</i>	<i>2.27</i>	<i>2.72</i>	<i>2.91</i>	<i>1.72</i>	<i>3.54</i>	<i>4.66</i>	<i>2.928</i>
April	<i>3.27</i>	<i>1.15</i>	<i>4.22</i>	<i>1.68</i>	<i>2.23</i>	<i>2.19</i>	<i>2.39</i>	<i>1.97</i>	<i>3.27</i>	<i>2.94</i>	<i>2.531</i>
May	<i>2.42</i>	<i>3.90</i>	<i>1.62</i>	<i>1.35</i>	<i>2.36</i>	<i>2.59</i>	<i>8.15</i>	<i>2.64</i>	<i>1.02</i>	<i>2.47</i>	<i>2.852</i>
June	<i>3.79</i>	<i>2.30</i>	<i>7.10</i>	<i>4.57</i>	<i>1.50</i>	<i>3.44</i>	<i>1.85</i>	<i>.42</i>	<i>3.03</i>	<i>.94</i>	<i>2.894</i>
July	<i>7.67</i>	<i>3.24</i>	<i>5.86</i>	<i>4.85</i>	<i>3.62</i>	<i>1.68</i>	<i>4.01</i>	<i>1.45</i>	<i>5.79</i>	<i>2.80</i>	<i>4.097</i>
August	<i>1.66</i>	<i>5.24</i>	<i>4.33</i>	<i>3.59</i>	<i>2.21</i>	<i>2.14</i>	<i>2.69</i>	<i>1.87</i>	<i>3.66</i>	<i>5.83</i>	<i>3.322</i>
September	<i>5.55</i>	<i>2.79</i>	<i>2.96</i>	<i>6.56</i>	<i>3.77</i>	<i>4.04</i>	<i>2.55</i>	<i>4.42</i>	<i>1.90</i>	<i>3.85</i>	<i>3.839</i>
October	<i>5.51</i>	<i>4.44</i>	<i>4.80</i>	<i>6.34</i>	<i>3.11</i>	<i>8.73</i>	<i>6.90</i>	<i>2.76</i>	<i>1.76</i>	<i>5.39</i>	<i>4.974</i>
November	<i>4.52</i>	<i>3.87</i>	<i>7.53</i>	<i>3.03</i>	<i>2.11</i>	<i>3.17</i>	<i>2.09</i>	<i>2.57</i>	<i>8.07</i>	<i>2.44</i>	<i>3.940</i>
December	<i>6.24</i>	<i>5.63</i>	<i>4.30</i>	<i>4.57</i>	<i>5.39</i>	<i>2.47</i>	<i>6.44</i>	<i>3.03</i>	<i>2.40</i>	<i>2.99</i>	<i>4.346</i>
TOTALS	<i>48.45</i>	<i>42.48</i>	<i>53.72</i>	<i>45.93</i>	<i>37.26</i>	<i>38.96</i>	<i>46.53</i>	<i>25.58</i>	<i>38.46</i>	<i>38.64</i>	<i>41.601</i>

1880. Glossop

1/2 mile

E

RAINFALL AT *Woodhead* Station.

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *M.S. & L.C. 186*

Upper Mersey - 1.

Diameter	<i>9</i>											
Height	<i>3.6</i>											
Altitude	<i>878 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.58</i>	<i>.61</i>	<i>4.87</i>	<i>7.14</i>	<i>8.05</i>	<i>3.23</i>	<i>6.77</i>	<i>2.59</i>	<i>3.68</i>	<i>4.30</i>	<i>4.182</i>	
February	<i>6.02</i>	<i>6.01</i>	<i>3.89</i>	<i>5.46</i>	<i>3.36</i>	<i>4.85</i>	<i>.67</i>	<i>1.05</i>	<i>2.09</i>	<i>2.26</i>	<i>3.566</i>	
March	<i>4.65</i>	<i>5.73</i>	<i>4.33</i>	<i>.95</i>	<i>3.11</i>	<i>3.75</i>	<i>4.43</i>	<i>2.85</i>	<i>6.17</i>	<i>3.99</i>	<i>3.996</i>	
April	<i>3.22</i>	<i>1.74</i>	<i>6.47</i>	<i>2.60</i>	<i>2.42</i>	<i>3.09</i>	<i>4.58</i>	<i>2.13</i>	<i>6.51</i>	<i>5.16</i>	<i>3.792</i>	
May	<i>3.11</i>	<i>4.04</i>	<i>1.71</i>	<i>2.58</i>	<i>2.61</i>	<i>4.03</i>	<i>8.92</i>	<i>4.26</i>	<i>1.82</i>	<i>2.25</i>	<i>3.533</i>	
June	<i>3.88</i>	<i>2.16</i>	<i>7.22</i>	<i>5.47</i>	<i>1.82</i>	<i>3.75</i>	<i>2.16</i>	<i>.69</i>	<i>3.70</i>	<i>.90</i>	<i>3.175</i>	
July	<i>7.49</i>	<i>4.34</i>	<i>6.08</i>	<i>4.34</i>	<i>4.49</i>	<i>2.35</i>	<i>6.27</i>	<i>1.72</i>	<i>10.31</i>	<i>3.17</i>	<i>5.056</i>	
August	<i>2.08</i>	<i>5.46</i>	<i>4.03</i>	<i>6.49</i>	<i>2.70</i>	<i>2.36</i>	<i>2.93</i>	<i>2.18</i>	<i>4.10</i>	<i>5.91</i>	<i>3.824</i>	
September	<i>7.98</i>	<i>3.34</i>	<i>4.04</i>	<i>10.53</i>	<i>3.28</i>	<i>4.47</i>	<i>3.11</i>	<i>5.20</i>	<i>2.96</i>	<i>4.19</i>	<i>4.910</i>	
October	<i>7.38</i>	<i>5.93</i>	<i>7.42</i>	<i>6.29</i>	<i>3.33</i>	<i>11.22</i>	<i>8.20</i>	<i>4.76</i>	<i>3.27</i>	<i>6.81</i>	<i>6.461</i>	
November	<i>5.07</i>	<i>5.02</i>	<i>10.27</i>	<i>4.89</i>	<i>2.16</i>	<i>3.94</i>	<i>2.95</i>	<i>5.76</i>	<i>19.02</i>	<i>2.09</i>	<i>6.117</i>	
December	<i>7.12</i>	<i>5.52</i>	<i>4.21</i>	<i>3.21</i>	<i>6.42</i>	<i>2.27</i>	<i>8.94</i>	<i>4.03</i>	<i>3.78</i>	<i>3.68</i>	<i>4.918</i>	
TOTALS	<i>58.58</i>	<i>49.90</i>	<i>64.54</i>	<i>59.95</i>	<i>43.75</i>	<i>49.31</i>	<i>59.93</i>	<i>37.22</i>	<i>67.41</i>	<i>44.71</i>	<i>53.530</i>	

RAINFALL AT Bretby Park [Burlington]

80

Lat.

Lon. County of Derby

Rain Gauge, by

Observer Mr. McGroun

Trent. R. bank - 3.

W. E. Brunt

Diameter	<u>5"</u>										
Height	<u>4.6</u>										
Altitude	<u>340</u>			<u>405</u>							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<u>.39</u>	<u>.59</u>	<u>2.57</u>	<u>3.41</u>	<u>2.23</u>	<u>1.82</u>	<u>2.82</u>	<u>2.05</u>	<u>1.04</u>	<u>1.08</u>	<u>1.800</u>
February	<u>2.21</u>	<u>4.23</u>	<u>1.74</u>	<u>2.97</u>	<u>1.39</u>	<u>2.68</u>	<u>.53</u>	<u>.63</u>	<u>.78</u>	<u>1.56</u>	<u>1.872</u>
March	<u>.80</u>	<u>2.50</u>	<u>2.23</u>	<u>1.23</u>	<u>1.65</u>	<u>.96</u>	<u>2.63</u>	<u>1.41</u>	<u>2.53</u>	<u>3.86</u>	<u>1.980</u>
April	<u>2.41</u>	<u>1.36</u>	<u>4.03</u>	<u>2.30</u>	<u>1.77</u>	<u>2.80</u>	<u>2.26</u>	<u>1.38</u>	<u>2.16</u>	<u>3.57</u>	<u>2.404</u>
May	<u>1.89</u>	<u>1.58</u>	<u>2.26</u>	<u>1.47</u>	<u>1.24</u>	<u>2.60</u>	<u>5.82</u>	<u>1.69</u>	<u>.60</u>	<u>4.38</u>	<u>2.353</u>
June	<u>3.90</u>	<u>2.61</u>	<u>5.12</u>	<u>3.37</u>	<u>2.14</u>	<u>3.61</u>	<u>2.43</u>	<u>1.51</u>	<u>1.72</u>	<u>.98</u>	<u>2.739</u>
July	<u>5.93</u>	<u>1.46</u>	<u>3.89</u>	<u>2.47</u>	<u>3.19</u>	<u>.32</u>	<u>2.72</u>	<u>1.53</u>	<u>6.44</u>	<u>3.02</u>	<u>3.097</u>
August	<u>2.60</u>	<u>4.95</u>	<u>1.96</u>	<u>1.67</u>	<u>.89</u>	<u>1.96</u>	<u>1.78</u>	<u>1.73</u>	<u>2.81</u>	<u>4.04</u>	<u>2.439</u>
September	<u>3.98</u>	<u>2.20</u>	<u>2.18</u>	<u>4.98</u>	<u>3.19</u>	<u>3.71</u>	<u>2.25</u>	<u>2.12</u>	<u>1.40</u>	<u>2.71</u>	<u>2.872</u>
October	<u>5.38</u>	<u>3.34</u>	<u>6.02</u>	<u>2.55</u>	<u>1.23</u>	<u>5.08</u>	<u>4.73</u>	<u>2.23</u>	<u>.60</u>	<u>3.13</u>	<u>3.429</u>
November	<u>2.15</u>	<u>2.65</u>	<u>3.71</u>	<u>3.80</u>	<u>.92</u>	<u>3.38</u>	<u>2.10</u>	<u>2.04</u>	<u>4.27</u>	<u>1.05</u>	<u>2.607</u>
December	<u>3.86</u>	<u>2.61</u>	<u>4.69</u>	<u>1.32</u>	<u>2.74</u>	<u>.75</u>	<u>3.46</u>	<u>2.66</u>	<u>2.06</u>	<u>2.26</u>	<u>2.641</u>
TOTALS	<u>35.50</u>	<u>30.08</u>	<u>40.40</u>	<u>31.54</u>	<u>22.58</u>	<u>29.67</u>	<u>33.53</u>	<u>20.98</u>	<u>26.41</u>	<u>31.64</u>	<u>30.233</u>

1880. Repton

2 1/2 miles

N.

Wall 12ft high 30ft S.

1889

Return not received from Observer

RAINFALL AT Bretby Geary House

80

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

J. Gibbs Jr. Esq.

Trent, R. bank - 3.

Diameter						8					
Height						4.0			4	7	
Altitude						414					
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						1.84	2.71	2.46	1.00		
February						2.38	.28	.36	.51		
March						1.04	2.49	1.17	2.21		
April						2.41	2.11	1.16	1.93		
May						2.41	6.22	1.66	.62		
June						3.52	1.45	1.42	1.52		
July .. ...						.26	2.75	1.59	6.40		
August						1.99	1.49	1.48	2.68		
September....						3.40	1.81	1.76	1.25		
October						5.52	4.10	1.93	.54		
November....						2.72	2.22	1.75	3.62		
December ....						.69	3.15	1.51	1.84		
TOTALS						28.18	30.78	1825	24.12	NIR	

Bretby Church 3/4 mile N E

House 20 to 25 ft high 45 ft N W E N E

RAINFALL AT *Melbourne - The Hollow.*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *W. Garratt Esq*

Trans R-3.

Diameter				5					5		
Height				1 -					1 -		
Altitude									182	182 [↑]	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...			2.45	3.26					.64	.93	
February			1.55	2.99					.67	1.45	
March			2.29	1.54					2.22	3.65	
April			3.63	2.27					2.19	3.16	
May			2.33	1.74					.57	3.25	
June			3.90	3.37					1.67	.51	
July			4.38	1.64					4.96	2.63	
August			1.54	1.82					2.41	3.60	
September....			1.77	4.70					1.07	2.47	
October			6.08	(2.63)					.43	2.70	
November....			3.92	(4.52)					3.27	.80	
December			5.19	(1.02)					1.85	1.76	
TOTALS			39.03	(31.50)					21.95	26.91	

1883 Oct. to Dec? completed by entries from another record

1889 Melbourne Ch 263 yards E

Greenhouse 8 ft high 10 ft E

Remet low in North bank 1909

RAINFALL AT Melbourne, The Grange.

80

Lat.

Lon.

County of Derby

Rain Gauge, by

Observer

W B G Tasker, Esq.

Trent. R. bank - 3.

Diameter	5											
Height	6							3				
Altitude												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ...	36	.81	2.58	3.06	2.83	1.82	3.70	3.51	.90	1.32	2.089	
February ...	2.38	3.89	2.50	2.73	1.20	2.89	.56	.48	.87	1.95	1.945	
March	1.80	2.21	1.56	1.22	1.90	1.16	2.83	1.31	2.20	3.76	1.995	
April	2.18	2.15	3.73	2.30	2.01	2.00	2.14	1.18	2.55	3.39	2.363	
May	1.88	1.28	2.02	1.42	1.20	2.79	5.62	1.97	.71	3.51	2.240	
June	3.19	1.93	5.53	4.92	1.17	3.36	.88	1.12	1.96	.51	2.457	
July	5.42	1.48	4.80	2.19	4.28	.30	2.94	1.69	5.83	2.84	3.177	
August	1.80	5.23	1.59	1.66	2.03	2.27	2.66	1.81	2.66	2.84	2.455	
September ...	6.23	1.94	1.99	4.76	1.66	3.27	1.25	2.07	1.21	2.50	2.688	
October	2.87	3.14	7.02	2.63	1.66	5.92	4.75	1.65	.55	2.76	3.295	
November ...	2.33	2.96	3.77	4.52	.77	2.51	1.98	1.77	3.67	.89	2.517	
December	3.38	2.00	5.18	.99	2.81	.83	3.44	1.67	2.50	2.02	2.482	
TOTALS	33.82	29.02	42.27	32.40	23.52	29.12	32.75	20.23	25.61	28.29	29.703	

1881. Melbourne $\frac{1}{2}$ mile SE.

Trees 12ft high 24ft E & W.

1882 .. 20ft - 30ft E & W

NB. Rejected from Survey as 2" too High.

30
- 3 JUL 1912

RAINFALL AT Shelton Rectory

Lat.

Lon.

County of Devonshire

Front - Dove - H. Rain Gauge, by Repall & Durbell Observer Arthur Evans

Diameter	<u>8 inches</u>										
Height	<u>1-6</u>										
Altitude	<u>50</u>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January									<u>1.08</u>	<u>1.22</u>	
February									<u>2.07</u>	<u>2.04</u>	
March									<u>2.88</u>	<u>2.79</u>	
April									<u>1.52</u>	<u>2.71</u>	
May									<u>0.54</u>	<u>3.22</u>	
June									<u>2.79</u>	<u>0.94</u>	
July									<u>5.83</u>	<u>2.63</u>	
August									<u>3.88</u>	<u>4.12</u>	
September									<u>1.41</u>	<u>2.81</u>	
October									<u>1.04</u>	<u>3.75</u>	
November									<u>6.04</u>	<u>1.39</u>	
December									<u>2.76</u>	<u>2.30</u>	
TOTALS									<u>31.84</u>	<u>27.52</u>	

80

Derby

R. J. O'Grady

Done - 4.

[illegible]

RAINFALL AT

Willington

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

Rev G. A. Smallwood

Front, L. bank - 5.

Diameter . . .											5	
Height											1.0	
Altitude . . .											150 T	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January										1.07		
February										1.82		
March										3.56		
April										2.67		
May										3.29		
June . . . . .										.89		
July										1.60		
August										3.17		
September										2.41		
October										2.19		
November . . . .										.84		
December										1.98		
TOTALS										25.49		

1889 Willington Church 1/4 mile W
 Tree 15 ft 23 ft NE

RAINFALL AT *Etwall* *Egginton Sewage Farm* [80] *Burton*

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *Mr R Giles*

Front, L- 5.

Diameter										5	
Height											
Altitude											
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....									.66	1.12	
February ....									.26	1.29	
March									2.15	3.34	
April									1.62	2.35	
May .....									.61	2.97	
June									1.66	.85	
July								# 1.26	5.02	1.84	
August								1.67	2.41	2.75	
September....								1.81	.98	2.22	
October								2.01	.41	2.40	
November....								1.96	3.76	.90	
December ....								.81	1.78	1.87	
TOTALS									21.32	23.90	

? Gauge moved to Etwall at end of 87 or early in 88

RAINFALL AT *Derby, Ffindera* 80

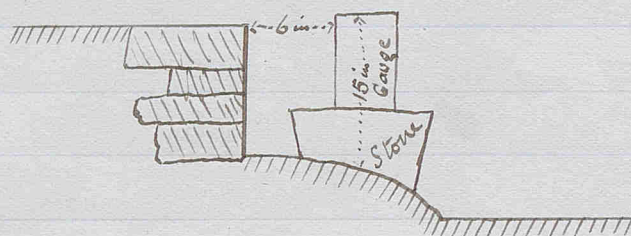
Lat. _____ Lon. _____ County of *Derby*

Rain Gauge, by _____ Observer *Rev B W Spilbury*

Trent. L. -5.

Diameter	5											
Height	9											
Altitude	192 B							186 T				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.33	.54	2.32	3.12	2.25	1.54	3.04	2.03	.58	1.02	1.677	
February	1.77	3.47	1.88	2.77	.96	2.13	.22	.29	.45	1.45	1.539	
March	1.84	2.17	1.60	.92	1.56	.85	2.59	.92	2.10	2.76	1.731	
April	1.48	1.58	2.65	2.07	1.42	1.81	1.78	1.13	1.71	2.43	1.806	
May	1.94	1.09	2.25	.97	.88	2.32	5.12	1.20	.53	3.17	1.947	
June	2.47	2.18	4.21	3.31	1.35	2.90	1.05	.85	2.19	.69	2.120	
July	6.58	1.26	2.60	2.17	3.28	.24	3.03	.93	4.04	1.62	2.575	
August	1.99	3.90	1.70	1.86	2.32	1.70	2.17	1.64	1.73	2.99	2.200	
September	3.25	1.91	2.83	3.84	1.60	2.73	1.50	1.92	.97	2.11	2.266	
October	4.51	3.18	5.05	2.31	1.24	5.80	4.28	1.62	.43	1.99	3.041	
November	1.65	2.38	3.59	3.55	1.12	2.62	1.87	1.00	3.50	.93	2.221	
December	3.32	1.86	6.95	.80	2.17	.71	2.48	1.30	1.63	2.03	2.325	
TOTALS	31.13	25.52	37.63	27.69	20.15	25.35	29.13	14.83	19.86	23.19	25.448	

1880. *Ffindera Church* 700 yards E.
 1887 gauge moved Oct 20 yards N.W



RAINFALL AT Derby, Micklaver Manor 80

Lat.

Lon.

County of Derby

Rain Gauge, by

Observer Mrs. Campbell

Trent, L-5.

Diameter	<u>5</u>											
Height	<u>2.0</u>											
Altitude	<u>200</u>		<u>280</u>			<u>200</u>						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January .....	.29	.67	2.95	^{2.96} 2.96	2.94	1.63	2.80	2.31	.78	1.19	1.652	1.85?
February	1.86	4.16	2.23	^{3.08} 1.49	1.33	2.57	.34	.27	.90	1.69	1.678	1.83
March	1.77	3.00	1.67	^{.63} 1.20	1.20	.83	2.73	.89	2.02	3.32	1.813	1.80
April	1.36	1.64	2.92	^{2.40} 1.81	1.78	2.01	2.75	1.21	2.10	2.58	2.016	2.07
May	2.04	1.39	2.59	^{1.22} 1.29	1.22	2.22	4.99	1.31	.63	3.01	2.069	2.06
June	4.22	2.50	4.80	^{4.91} 4.43	1.53	3.32	1.56	1.12	1.94	.67	2.609	2.65
July	6.29	1.10	2.97	^{2.39} 1.88	4.05	.39	3.69	1.05	5.07	2.47	2.896	2.94
August	2.11	4.23	1.81	^{1.74} 1.96	2.63	1.81	1.89	1.75	1.91	3.05	2.215	2.29
September	3.93	2.55	2.30	^{5.21} 4.28	2.00	2.75	1.41	1.70	.98	2.45	2.435	2.52
October	4.67	3.35	4.59	^{2.89} 1.10	.97	6.57	4.93	1.54	.62	2.42	3.070	3.24
November	1.63	2.77	3.46	^{4.00} 3.01	1.06	3.01	2.10	1.53	3.76	.74	2.307	2.40
December	3.66	2.23	3.50	^{1.18} 1.70	2.45	.56	3.21	1.56	2.14	1.17	2.118	2.16
TOTALS	<u>33.83</u>	<u>29.59</u>	<u>35.79</u>	^{32.61} 22.61	<u>23.16</u>	<u>27.55</u>	<u>32.40</u>	<u>16.24</u>	<u>22.85</u>	<u>24.76</u>	<u>26.878</u>	<u>?</u>

1881. Christ Church 1/2 mile N.N.E.

1883 Record incorrect.

" Total estimated and monthly
amounts computed from Derby, Mid. Rly

RAINFALL AT *Slippywood Hall* [Mansfield] **80**

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observed *by*

Trent, L-5.

Diameter	<i>8"</i>											
Height	<i>1' 3"</i>											
Altitude	<i>467</i>			<i>389T</i>								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.47</i>	<i>.54</i>	<i>3.25</i>	<i>3.07</i>	<i>3.51</i>	<i>2.11</i>	<i>3.93</i>	<i>2.32</i>	<i>.48</i>	<i>1.72</i>	<i>2.140</i>	
February	<i>2.17</i>	<i>4.10</i>	<i>1.99</i>	<i>3.70</i>	<i>2.52</i>	<i>2.89</i>	<i>.48</i>	<i>.46</i>	<i>1.52</i>	<i>1.86</i>	<i>2.169</i>	
March	<i>2.23</i>	<i>3.34</i>	<i>1.70</i>	<i>1.44</i>	<i>2.24</i>	<i>1.36</i>	<i>3.15</i>	<i>1.54</i>	<i>2.73</i>	<i>4.12</i>	<i>2.384</i>	
April	<i>1.34</i>	<i>1.32</i>	<i>2.99</i>	<i>2.95</i>	<i>2.15</i>	<i>1.84</i>	<i>1.65</i>	<i>1.30</i>	<i>2.24</i>	<i>3.49</i>	<i>2.127</i>	
May	<i>1.90</i>	<i>2.14</i>	<i>2.55</i>	<i>2.01</i>	<i>.70</i>	<i>2.15</i>	<i>6.10</i>	<i>1.94</i>	<i>.72</i>	<i>4.47</i>	<i>2.468</i>	
June	<i>3.90</i>	<i>1.91</i>	<i>3.64</i>	<i>3.26</i>	<i>.63</i>	<i>3.17</i>	<i>.99</i>	<i>.37</i>	<i>3.13</i>	<i>.61</i>	<i>2.161</i>	
July	<i>6.19</i>	<i>1.41</i>	<i>2.98</i>	<i>2.24</i>	<i>3.36</i>	<i>.39</i>	<i>3.03</i>	<i>1.63</i>	<i>4.98</i>	<i>2.28</i>	<i>2.849</i>	
August	<i>2.02</i>	<i>5.04</i>	<i>2.03</i>	<i>1.10</i>	<i>2.07</i>	<i>2.27</i>	<i>1.52</i>	<i>1.97</i>	<i>2.41</i>	<i>2.71</i>	<i>2.314</i>	
September	<i>5.05</i>	<i>1.89</i>	<i>2.95</i>	<i>5.64</i>	<i>.94</i>	<i>2.32</i>	<i>.95</i>	<i>1.82</i>	<i>.76</i>	<i>2.21</i>	<i>2.453</i>	
October	<i>6.57</i>	<i>3.21</i>	<i>4.96</i>	<i>3.27</i>	<i>.89</i>	<i>6.22</i>	<i>4.66</i>	<i>1.94</i>	<i>.50</i>	<i>4.86</i>	<i>3.705</i>	
November	<i>3.04</i>	<i>2.88</i>	<i>3.98</i>	<i>2.82</i>	<i>.94</i>	<i>2.41</i>	<i>1.60</i>	<i>2.04</i>	<i>4.16</i>	<i>.72</i>	<i>2.459</i>	
December	<i>3.27</i>	<i>2.33</i>	<i>5.58</i>	<i>1.33</i>	<i>1.91</i>	<i>.57</i>	<i>3.18</i>	<i>1.77</i>	<i>2.56</i>	<i>2.11</i>	<i>2.461</i>	
TOTALS	<i>38.12</i>	<i>30.11</i>	<i>38.60</i>	<i>32.83</i>	<i>21.86</i>	<i>27.69</i>	<i>31.24</i>	<i>19.10</i>	<i>26.19</i>	<i>31.16</i>	<i>29.690</i>	

1880. Shirebrooke Church 1 1/4 miles N.

Peach house 14ft high 16ft N

RAINFALL AT Derby Eborston

80

Lat.

Lon.

County of Derby

Rain Gauge, by

Observer H. Chambers jun, Esq.

Trent. servant - 6.

Diameter			5								
Height			1								
Altitude											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...		#	1.74	2.35	2.32	1.75	2.87	2.12	.74	1.21	
February			2.05	2.85	1.13	2.13	.30	.55	.87	1.67	
March			1.49	.90	1.45	.82	2.72	1.04	2.00	3.48	
April			3.03	1.98	1.63	1.69	2.00	1.12	1.76	2.73	
May			2.28	1.06	.85	2.06	5.24	1.46	.56	3.80	
June			3.61	3.70	.87	2.94	1.23	.92	2.04	.55	
July			3.41	2.13	3.62	.30	3.48	1.13	5.09	3.03	
August			1.61	1.51	1.76	2.40	2.27	1.34	2.43	3.33	
September			2.38	5.37	1.66	3.11	1.12	2.23	1.07	2.34	
October			5.08	2.26	1.25	5.89	5.27	1.54	.58	2.49	
November			3.63	3.57	1.06	2.47	1.58	1.31	3.08	.83	
December			5.00	.87	1.98	.63	2.79	1.37	1.81	1.93	
TOTALS			35.31	28.55	19.58	26.19	30.87	16.13	22.03	27.39	

Eborston Church $\frac{1}{2}$ mile NW.
Wall 7ft-high 11ft- N

RAINFALL AT *Derby* *Fir Bank Heyworth Street* *All Saints Wor* **80**

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

Messrs J. Davis & Son

Servant - 6.

Diameter										5	
Height									1 -		
Altitude										174	
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January					2.63	1.76	2.92	2.61	.81	1.14	
February					1.77	2.01	.36	.29	.46	1.81	
March				[#] 1.01	1.48	.89	2.41	.84	2.07	3.26	
April				2.22	1.61	1.94	1.83	1.34	2.79	2.41	
May				1.08	1.01	2.12	4.87	1.52	.60	3.38	
June				4.84	1.33	3.01	1.66	.70	2.55	.42	
July				2.19	3.48	.47	3.74	1.26	5.21	2.46	
August				1.65	2.35	2.11	1.87	1.95	2.64	3.07	
September....				5.07	1.50	2.68	1.33	2.07	1.01	2.55	
October				2.37	1.52	5.55	5.10	1.50	.69	2.55	
November....				3.54	1.14	2.53	1.73	1.78	3.67	1.13	
December				1.17	2.56	.52	2.82	1.40	1.98	2.05	
TOTALS					22.38	25.59	30.64	17.26	24.48	26.23	

N.B. Rejected from Survey as 2" too High.

RAINFALL AT *Derby Midland Railway*

Lat. _____ Lon. _____ County of *Derby*

Rain Gauge, by _____ Observer *W Langdon Esq*
Inst. Serwent - 6.

Diameter										5	
Height										4.6	
Altitude										148 L	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .		.60	4.50	¹⁷ 2.66	2.60	1.88	2.62	1.36	.86	1.19	
February		4.60	2.10	2.77	1.38	2.02	.25	.33	.64	1.42	
March		2.20	1.70	.57	1.58	.87	1.78	.90	2.17	3.43	
April		1.70	3.00	2.16	1.61	1.87	1.68	1.14	1.69	2.52	
May		1.20	2.10	1.10	.90	1.87	5.08	1.29	.52	3.51	
June		2.30	4.50	4.41	.99	2.95	1.20	.84	2.74	.37	
July		1.10	2.90	2.15	3.72	.25	3.60	1.34	4.76	2.70	
August		4.30	1.90	1.56	2.28	1.90	2.53	1.48	2.38	2.87	
September		1.90	2.50	4.68	1.11	2.67	1.04	1.92	.92	2.34	
October		3.60	5.10	2.60	1.12	5.58	4.57	1.42	.60	2.37	
November		2.90	3.80	3.60	1.06	2.41	1.71	1.42	3.42	.93	
December		2.20	5.30	1.06	2.22	.56	2.85	1.30	1.59	1.96	
TOTALS		(68.00)*		29.32	20.57	24.83	28.91	14.74	22.29	25.61	

* computed from Chest Church

St Andrews Church 500 yards N.W
Shed 22 ft by 33 ft N.W

RAINFALL AT *Derby, Christ Church* 80

Lat. _____ Lon. _____ County of *Derby*
Rain Gauge, by _____ Observer *Rev. W. H. Askwith*

Sevent - 6.

Diameter	<i>5</i>										
Height	<i>1.0</i>										
Altitude	<i>265 ft</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.32</i>	<i>.64</i>	<i>4.59</i>	<i>2.52</i>	<i>2.54</i>	<i>1.66</i>	<i>3.80</i>				
February	<i>2.24</i>	<i>4.71</i>	<i>2.11</i>	<i>2.65</i>	<i>1.46</i>	<i>2.03</i>	<i>.24</i>				
March	<i>1.89</i>	<i>2.23</i>	<i>1.74</i>	<i>1.07</i>	<i>1.39</i>	<i>.62</i>	<i>2.52</i>				
April	<i>1.88</i>	<i>1.73</i>	<i>3.07</i>	<i>2.24</i>	<i>1.81</i>	<i>2.22</i>	<i>2.07</i>				
May	<i>2.12</i>	<i>1.20</i>	<i>2.19</i>	<i>1.02</i>	<i>1.02</i>	<i>1.96</i>	<i>5.03</i>				
June	<i>3.61</i>	<i>2.40</i>	<i>4.57</i>	<i>4.63</i>	<i>1.39</i>	<i>2.64</i>	<i>1.59</i>				
July	<i>6.18</i>	<i>1.11</i>	<i>2.93</i>	<i>2.26</i>	<i>3.79</i>	<i>.15</i>	<i>3.86</i>				
August	<i>2.28</i>	<i>4.39</i>	<i>1.94</i>	<i>1.88</i>	<i>2.58</i>	<i>2.65</i>	<i>1.53</i>				
September	<i>3.64</i>	<i>1.92</i>	<i>2.57</i>	<i>4.57</i>	<i>1.69</i>	<i>2.91</i>	<i>1.21</i>				
October	<i>4.53</i>	<i>3.64</i>	<i>5.23</i>	<i>2.66</i>	<i>1.21</i>	<i>6.66</i>	<i>5.40</i>				
November	<i>2.03</i>	<i>2.97</i>	<i>3.86</i>	<i>3.81</i>	<i>1.08</i>	<i>1.95</i>	<i>1.63</i>				
December	<i>3.59</i>	<i>2.27</i>	<i>5.38</i>	<i>1.13</i>	<i>2.81</i>	<i>1.01</i>	<i>2.50</i>				
TOTALS	<i>34.31</i>	<i>29.21</i>	<i>40.18</i>	<i>30.44</i>	<i>22.77</i>	<i>26.46</i>	<i>31.38</i>				

1880. Christ Church 1 1/2 mile N.N.E.
1882 St. Chad's 400 yards S
Shrub 5 ft high 12 ft NE

RAINFALL AT *Derby, Spendon* 80

The Old Hall,

Lat. Lon. County of *Derby*

Rain Gauge, by Observer *J. F. Barber, Esq.*

sewer - 6.

Diameter	<i>5</i>											
Height	<i>7</i>											
Altitude	<i>272 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.30</i>	<i>.51</i>	<i>2.52</i>	<i>2.31</i>		<i>2.04</i>						
February	<i>2.05</i>	<i>4.76</i>	<i>2.26</i>	<i>2.73</i>		<i>2.24</i>						
March	<i>2.02</i>	<i>2.57</i>	<i>1.85</i>	<i>1.23</i>		<i>1.02</i>						
April	<i>1.41</i>	<i>1.43</i>	<i>3.09</i>	<i>2.26</i>		<i>1.90</i>						
May	<i>1.87</i>	<i>1.34</i>	<i>2.15</i>	<i>1.29</i>		<i>2.00</i>						
June	<i>4.65</i>	<i>2.04</i>	<i>3.98</i>	<i>3.77</i>		<i>2.92</i>						
July	<i>5.91</i>	<i>1.25</i>	<i>3.26</i>	<i>2.16</i>		<i>.31</i>						
August	<i>2.72</i>	<i>5.16</i>	<i>1.50</i>	<i>1.50</i>		<i>2.18</i>						
September	<i>3.66</i>	<i>1.76</i>	<i>2.22</i>	<i>5.13</i>		<i>3.01</i>						
October	<i>5.31</i>	<i>3.70</i>	<i>5.61</i>	<i>2.49</i>		<i>5.95</i>						
November	<i>2.10</i>	<i>2.92</i>	<i>3.63</i>	<i>3.64</i>		<i>2.62</i>						
December	<i>3.91</i>	<i>2.16</i>	<i>5.26</i>	<i>1.14</i>		<i>.78</i>						
TOTALS	<i>35.91</i>	<i>29.60</i>	<i>37.33</i>	<i>29.65</i>		<i>26.97</i>	<i>N.R.</i>					

RAINFALL AT

Derby Breadsall Lodge

80

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

W.B. Woodford Esq

Serwent - 6.

Diameter . . .											5	
Height											1.3	
Altitude											2905	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January										1.08		
February										1.70		
March										3.20		
April										2.57		
May										3.39		
June										35		
July										3.28		
August										3.32		
September										2.26		
October										2.82		
November . . . .										.94		
December										1.70		
TOTALS										26.61		

Breadsall Church 58 Chais SSW

House 45 ft high 51 ft N

Tree tall 61 ft NE

RAINFALL AT *Derby, Duffield*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *Mr. W. Bland*

servant - 6.

Diameter	<i>5</i>										
Height	<i>1.0</i>		<i>1.6</i>					<i>1.0</i>			
Altitude	<i>200?</i>		<i>250T</i>								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.26</i>	<i>.56</i>	<i>3.22</i>	<i>2.94</i>	<i>3.14</i>	<i>2.05</i>	<i>3.88</i>	<i>2.38</i>	<i>.97</i>	<i>1.03</i>	<i>2.043</i>
February	<i>2.05</i>	<i>5.77</i>	<i>2.33</i>	<i>2.63</i>	<i>2.34</i>	<i>2.39</i>	<i>.58</i>	<i>.34</i>	<i>.59</i>	<i>1.49</i>	<i>2.051</i>
March	<i>2.26</i>	<i>3.24</i>	<i>2.29</i>	<i>.91</i>	<i>1.90</i>	<i>1.38</i>	<i>2.83</i>	<i>1.23</i>	<i>2.07</i>	<i>3.29</i>	<i>2.140</i>
April	<i>1.58</i>	<i>1.51</i>	<i>3.29</i>	<i>2.75</i>	<i>2.05</i>	<i>1.79</i>	<i>1.66</i>	<i>.96</i>	<i>1.24</i>	<i>2.73</i>	<i>1.956</i>
May	<i>1.38</i>	<i>1.90</i>	<i>2.87</i>	<i>1.09</i>	<i>1.05</i>	<i>2.26</i>	<i>5.20</i>	<i>1.54</i>	<i>.39</i>	<i>3.69</i>	<i>2.137</i>
June	<i>4.15</i>	<i>2.35</i>	<i>4.05</i>	<i>4.62</i>	<i>1.29</i>	<i>3.12</i>	<i>1.39</i>	<i>.65</i>	<i>1.56</i>	<i>.42</i>	<i>2.360</i>
July	<i>6.17</i>	<i>1.44</i>	<i>3.71</i>	<i>2.36</i>	<i>3.69</i>	<i>.61</i>	<i>3.13</i>	<i>1.11</i>	<i>5.48</i>	<i>2.77</i>	<i>3.017</i>
August	<i>3.06</i>	<i>6.10</i>	<i>1.68</i>	<i>1.54</i>	<i>4.26</i>	<i>2.16</i>	<i>1.70</i>	<i>1.63</i>	<i>2.53</i>	<i>2.85</i>	<i>2.751</i>
September	<i>3.34</i>	<i>1.63</i>	<i>2.08</i>	<i>6.07</i>	<i>1.84</i>	<i>2.90</i>	<i>1.56</i>	<i>2.35</i>	<i>1.10</i>	<i>2.32</i>	<i>2.519</i>
October	<i>4.69</i>	<i>3.71</i>	<i>4.72</i>	<i>2.61</i>	<i>1.22</i>	<i>6.02</i>	<i>5.60</i>	<i>1.38</i>	<i>.83</i>	<i>2.83</i>	<i>3.361</i>
November	<i>2.93</i>	<i>3.74</i>	<i>4.28</i>	<i>3.24</i>	<i>1.32</i>	<i>2.92</i>	<i>1.80</i>	<i>1.89</i>	<i>3.63</i>	<i>.98</i>	<i>2.673</i>
December	<i>4.00</i>	<i>2.69</i>	<i>5.42</i>	<i>1.83</i>	<i>2.64</i>	<i>.88</i>	<i>2.84</i>	<i>1.81</i>	<i>2.38</i>	<i>1.89</i>	<i>2.638</i>
TOTALS	<i>35.87</i>	<i>34.34</i>	<i>39.94</i>	<i>32.59</i>	<i>26.74</i>	<i>28.48</i>	<i>32.17</i>	<i>17.27</i>	<i>22.77</i>	<i>26.29</i>	<i>29.646</i>

1880. Duffield

3/4 miles

*S
SE.*

Wall 12ft high 20ft NW by N.

RAINFALL AT *Derby, Duffield*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *Mr. W. Bland*

serment - 6.

Diameter	<i>5</i>										
Height	<i>1.0</i>		<i>1.6</i>					<i>1.0</i>			
Altitude	<i>200?</i>		<i>250?</i>								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.26</i>	<i>.56</i>	<i>3.22</i>	<i>2.94</i>	<i>3.14</i>	<i>2.05</i>	<i>3.88</i>	<i>2.38</i>	<i>.97</i>	<i>1.03</i>	<i>2.043</i>
February	<i>2.05</i>	<i>5.77</i>	<i>2.33</i>	<i>2.63</i>	<i>2.34</i>	<i>2.39</i>	<i>.58</i>	<i>.34</i>	<i>.59</i>	<i>1.49</i>	<i>2.051</i>
March	<i>2.26</i>	<i>3.24</i>	<i>2.29</i>	<i>.91</i>	<i>1.90</i>	<i>1.38</i>	<i>2.83</i>	<i>1.23</i>	<i>2.07</i>	<i>3.29</i>	<i>2.140</i>
April	<i>1.58</i>	<i>1.51</i>	<i>3.29</i>	<i>2.75</i>	<i>2.05</i>	<i>1.79</i>	<i>1.66</i>	<i>.96</i>	<i>1.24</i>	<i>2.73</i>	<i>1.956</i>
May	<i>1.38</i>	<i>1.90</i>	<i>2.87</i>	<i>1.09</i>	<i>1.05</i>	<i>2.26</i>	<i>5.20</i>	<i>1.54</i>	<i>.39</i>	<i>3.69</i>	<i>2.137</i>
June	<i>4.15</i>	<i>2.35</i>	<i>4.05</i>	<i>4.62</i>	<i>1.29</i>	<i>3.12</i>	<i>1.39</i>	<i>.65</i>	<i>1.56</i>	<i>.42</i>	<i>2.360</i>
July	<i>6.17</i>	<i>1.44</i>	<i>3.71</i>	<i>2.36</i>	<i>3.69</i>	<i>.61</i>	<i>3.13</i>	<i>1.11</i>	<i>5.48</i>	<i>2.77</i>	<i>3.017</i>
August	<i>3.06</i>	<i>6.10</i>	<i>1.68</i>	<i>1.54</i>	<i>4.26</i>	<i>2.16</i>	<i>1.70</i>	<i>1.63</i>	<i>2.53</i>	<i>2.85</i>	<i>2.751</i>
September	<i>3.34</i>	<i>1.63</i>	<i>2.08</i>	<i>6.07</i>	<i>1.84</i>	<i>2.90</i>	<i>1.56</i>	<i>2.35</i>	<i>1.10</i>	<i>2.32</i>	<i>2.519</i>
October	<i>4.69</i>	<i>3.71</i>	<i>4.72</i>	<i>2.61</i>	<i>1.22</i>	<i>6.02</i>	<i>5.60</i>	<i>1.38</i>	<i>.83</i>	<i>2.83</i>	<i>3.361</i>
November	<i>2.93</i>	<i>3.74</i>	<i>4.28</i>	<i>3.24</i>	<i>1.32</i>	<i>2.92</i>	<i>1.80</i>	<i>1.89</i>	<i>3.63</i>	<i>.98</i>	<i>2.673</i>
December	<i>4.00</i>	<i>2.69</i>	<i>5.42</i>	<i>1.83</i>	<i>2.64</i>	<i>.88</i>	<i>2.84</i>	<i>1.81</i>	<i>2.38</i>	<i>1.89</i>	<i>2.638</i>
TOTALS	<i>35.87</i>	<i>34.34</i>	<i>39.94</i>	<i>32.59</i>	<i>26.74</i>	<i>28.48</i>	<i>32.17</i>	<i>17.27</i>	<i>22.77</i>	<i>26.29</i>	<i>29.646</i>

1880. Duffield

3/4 miles

*S
S.E.*

Wall 12ft high 20ft NW by N.

RAINFALL AT *Milford*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *B Cooper, Esq.*

serwent 6.

Diameter	<i>5</i>										
Height	<i>6.0</i>										
Altitude	<i>210?</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.28</i>	<i>.56</i>	<i>3.65</i>	<i>3.43</i>	<i>3.60</i>						
February	<i>2.57</i>	<i>6.09</i>	<i>2.79</i>	<i>3.22</i>	<i>2.97</i>						
March	<i>2.42</i>	<i>3.53</i>	<i>2.36</i>	<i>.86</i>	<i>2.33</i>						
April	<i>1.53</i>	<i>1.22</i>	<i>3.62</i>	<i>2.37</i>	<i>2.53</i>						
May	<i>2.03</i>	<i>2.27</i>	<i>2.47</i>	<i>1.63</i>	<i>1.53</i>						
June	<i>3.95</i>	<i>2.44</i>	<i>4.08</i>	<i>4.16</i>	<i>1.36</i>						
July	<i>6.68</i>	<i>1.29</i>	<i>3.51</i>	<i>2.48</i>	<i>4.12</i>						
August	<i>3.26</i>	<i>7.26</i>	<i>1.78</i>	<i>1.91</i>	<i>3.83</i>						
September	<i>3.72</i>	<i>2.07</i>	<i>2.04</i>	<i>6.45</i>	<i>2.40</i>						
October	<i>4.32</i>	<i>4.26</i>	<i>6.10</i>	<i>3.37</i>	<i>1.39</i>						
November	<i>3.47</i>	<i>4.26</i>	<i>5.31</i>	<i>4.23</i>	<i>1.68</i>						
December	<i>4.76</i>	<i>3.15</i>	<i>5.72</i>	<i>1.62</i>	<i>3.31</i>	<i>#</i>					
TOTALS	<i>38.99</i>	<i>38.40</i>	<i>43.43</i>	<i>35.73</i>	<i>31.05</i>						

N.B. Rejected from Survey as 5" high.

80

RAINFALL AT

Belper Hazelwood Chevin

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

Sr J. G. N. Alleyne Bart

serment - 6.

Diameter								5			
Height								4.0	4.6		
Altitude								540			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							2.63	2.07	.73	.98	
February .....							.40	.39	.73	1.36	
March						28	3.95	1.13	2.54	3.02	
April						# 1.81	1.95	1.03	1.89	2.37	
May						1.88	5.36	1.46	.67	3.78	
June						3.23	1.64	.66	1.99	.99	
July						73	2.88	1.27	5.77	1.88	
August						2.23	1.96	2.03	2.44	1.37	
September						3.92	1.54	2.25	1.29	2.53	
October						5.35	5.98	1.78	.76	3.87	
November						3.37	1.87	2.09	4.03	.94	
December .....						.55	2.70	1.66	2.70	1.93	
TOTALS						23.25	32.86	17.82	25.54	25.02	

1886 Hazelwood Church 1/2 mile W + N

1888 Observatory 18 ft high 30 ft SW

RAINFALL AT *Derby Holmeside Hazelwood*

Lat.....

Lon.....

County of

Derby

Rain Gauge, by *Stores*

Observer

G. Burbidge Harbury Esq

servant - 6.

Diameter						5					
Height						1 - 4	1.3				
Altitude						500	500T				
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							3.26	2.36	.95	1.19	
February ....							.52	.34	1.27	1.74	
March							3.71	1.49	2.57	3.27	
April							1.85	1.11	1.66	2.76	
May							5.72	1.62	.69	3.59	
June							1.46	.64	1.98	.54	
July							2.91	1.23	6.08	2.81	
August							1.69	2.01	2.55	2.94	
September....							1.69	2.52	1.24	2.53	
October						5.46	5.92	1.63	.94	3.33	
November....						3.31	1.81	2.04	4.25	1.12	
December ....						.84	2.95	1.91	2.47	2.06	
TOTALS							33.49	18.90	26.65	27.88	

Hazelwood Church 1/8 mile N.

Yew hedge 9 ft high 10 ft N.

Gauge incorrect. Record about 5% too small

RAINFALL AT *Derby Holmeside Hazelwood*

80

Lat. Lon. County of *Derby*

Rain Gauge, by *Davis, Derby* Observer *C. H. B. Hambley Esq*
serwent - 6.

Diameter									8		
Height									1.6	1.3	
Altitude									500		
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....									.90	1.12	
February									1.16	1.75	
March									2.61	3.17	
April									1.69	2.74	
May .....									.68	3.64	
June									2.02	55	
July									6.08	2.83	
August									2.48	2.85	
September....									1.22	2.54	
October ....									.89	3.31	
November....									4.22	1.03	
December									2.52	1.82	
TOTALS									26.47	27.35	

*Glass reads about 5% too high - the
above values should be reduced by that amount
Gauge practically correct*

RAINFALL AT *Belper, Fernside* 80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *F. I. Jackson, Esq.*

sewer - 6.

Diameter	<i>5</i>										
Height	<i>8</i>										
Altitude	<i>353 ft</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.22</i>	<i>.61</i>	<i>3.36</i>	<i>3.60</i>							
February	<i>2.18</i>	<i>5.57</i>	<i>2.36</i>	<i>3.13</i>							
March	<i>2.67</i>	<i>3.39</i>	<i>2.08</i>	<i>1.31</i>							
April	<i>1.31</i>	<i>1.20</i>	<i>3.64</i>	<i>2.50</i>							
May	<i>1.92</i>	<i>1.90</i>	<i>2.86</i>	<i>1.12</i>							
June	<i>3.49</i>	<i>2.31</i>	<i>4.27</i>	<i>3.96</i>							
July	<i>5.51</i>	<i>1.21</i>	<i>3.55</i>	<i>2.80</i>							
August	<i>3.26</i>	<i>6.66</i>	<i>1.69</i>	<i>1.55</i>							
September	<i>3.51</i>	<i>1.93</i>	<i>1.97</i>	<i>6.20</i>							
October	<i>5.24</i>	<i>4.09</i>	<i>6.36</i>	<i>3.50</i>							
November	<i>3.02</i>	<i>3.96</i>	<i>4.59</i>	<i>3.84</i>							
December	<i>4.21</i>	<i>2.77</i>	<i>6.22</i>	<i>1.41</i>							
TOTALS	<i>36.54</i>	<i>35.60</i>	<i>42.95</i>	<i>34.92</i>							

*1882-1883 values supplied by Mr. John Hunter
and added 1/46.*

RAINFALL AT *Belper, Field Head. No. 80*

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *L. Hunter Jun. Esq. C.E.*

Segment 6.

Diameter	<i>8</i>										
Height	<i>8</i>										
Altitude	<i>355 ft</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.26</i>	<i>.59</i>	<i>3.35</i>								
February	<i>2.42</i>	<i>5.87</i>	<i>2.42</i>								
March	<i>2.81</i>	<i>3.63</i>	<i>2.16</i>								
April	<i>1.40</i>	<i>1.26</i>									
May	<i>2.00</i>	<i>1.95</i>									
June	<i>3.58</i>	<i>2.43</i>									
July	<i>5.88</i>	<i>1.30</i>									
August	<i>3.50</i>	<i>6.91</i>									
September	<i>3.77</i>	<i>1.93</i>									
October	<i>5.55</i>	<i>3.93</i>									
November	<i>3.14</i>	<i>4.07</i>									
December	<i>4.36</i>	<i>2.79</i>									
TOTALS	<i>38.67</i>	<i>36.66</i>									

1881 Gauge moved about 5 yards.

RAINFALL AT *Belper Northfield, Matlock*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *J. Hunter Junr Esq*

servent b.

Diameter			8								
Height			8								
Altitude			225T								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January... ..		(.59)	(3.35)	3.62	3.75	2.59	3.88	2.39	1.11	1.44	
February		(5.87)	(2.42)	3.02	2.97	2.82	.62	.39	1.33	2.48	
March		(3.63)	(2.16)	1.31	2.36	1.61	3.33	1.55	2.89	3.86	
April		(1.26)	[#] 3.62	2.37	2.46	1.90	1.97	1.20	1.95	3.03	
May		(1.95)	2.74	.93	1.34	2.49	5.73	1.74	.90	4.22	
June		(2.43)	4.13	3.91	1.30	3.30	1.31	.59	2.01	.53	
July		(1.30)	3.47	2.75	3.99	.70	3.08	1.35	4.91	3.33	
August		(6.91)	1.74	1.55	2.11	2.79	1.85	2.05	2.80	2.84	
September....		(1.93)	1.95	6.04	2.18	2.67	1.93	2.93	1.25	2.68	
October		(3.93)	6.08	3.51	1.33	6.67	5.98	1.75	.91	3.60	
November....		(4.07)	4.88	3.83	1.23	3.00	1.99	2.17	4.78	1.31	
December		(2.79)	6.36	1.59	3.08	.98	3.60	2.12	2.93	2.28	
TOTALS		(36.66)	(429.0)	34.43	28.10	31.52	35.27	20.23	27.77	31.60	

28848

Christ Church Belper 200 yards S.S.W.

*1881 + 1882 for hand Field Head House
for height of masonry.*

RAINFALL AT Alderwasley

Lat. Lon. County of Derby

serment 6. Rain Gauge, by Observer a. F. Hunt Esq

Diameter						5					
Height						5 5					
Altitude						541					
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						3.16	4.50	2.27	1.16	1.39	
February						3.40	.38	.58	1.05	2.91	
March						1.49	3.26	1.60	3.02	4.90	
April						2.17	2.27	1.55	1.95	3.17	
May						3.05	7.07	2.10	1.10	3.51	
June						3.74	1.21	.62	1.83	.46	
July .....						.96	3.37	1.57	5.99	3.57	
August						2.48	1.70	1.96	2.88	3.74	
September....						3.35	1.88	3.33	1.48	2.31	
October.....						7.75	6.27	2.07	1.02	3.43	
November						3.61	2.19	2.14	5.76	1.41	
December						1.00	4.04	2.83	3.01	2.13	
TOTALS ...						36.16	38.14	22.12	30.25	32.93	

RAINFALL AT Wicksworth, Holloway 80

Lat.

Lon.

County of Derby

Rain Gauge, by

Observer A Wildgoose, Esq.

Instrument - 6.

Diameter	<u>5"</u>											
Height	<u>1. 1</u>		<u>1. -</u>									
Altitude	<u>450.5</u>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<u>.33</u>	<u>.58</u>	<u>3.89</u>	<u>4.46</u>	<u>4.62</u>	<u>3.25</u>	<u>5.55</u>	<u>2.57</u>	<u>1.25</u>	<u>1.33</u>		
February	<u>3.11</u>	<u>6.39</u>	<u>2.89</u>	<u>3.52</u>	<u>3.67</u>	<u>3.68</u>	<u>.83</u>	<u>.62</u>	<u>1.88</u>	<u>2.82</u>		
March	<u>3.08</u>	<u>4.39</u>	<u>2.63</u>	<u>1.52</u>	<u>3.17</u>	<u>2.02</u>	<u>3.64</u>	<u>1.89</u>	<u>3.24</u>	<u>4.28</u>		
April	<u>1.66</u>	<u>1.36</u>	<u>4.36</u>	<u>2.77</u>	<u>2.72</u>	<u>2.12</u>	<u>2.44</u>	<u>1.43</u>	<u>2.38</u>	<u>3.73</u>		
May	<u>2.12</u>	<u>2.20</u>	<u>2.38</u>	<u>1.43</u>	<u>1.52</u>	<u>2.83</u>	<u>7.47</u>	<u>2.11</u>	<u>1.31</u>	<u>3.31</u>		
June	<u>3.29</u>	<u>2.17</u>	<u>5.14</u>	<u>3.34</u>	<u>1.57</u>	<u>3.57</u>	<u>1.15</u>	<u>.59</u>	<u>2.28</u>	<u>.49</u>		
July	<u>6.15</u>	<u>1.56</u>	<u>3.87</u>	<u>2.83</u>	<u>4.08</u>	<u>.89</u>	<u>3.34</u>	<u>1.50</u>	<u>5.41</u>	<u>3.71</u>		
August	<u>3.42</u>	<u>6.30</u>	<u>3.11</u>	<u>1.50</u>	<u>1.82</u>	<u>2.96</u>	<u>1.73</u>	<u>1.97</u>	<u>3.39</u>	<u>3.36</u>		
September	<u>4.19</u>	<u>2.28</u>	<u>2.29</u>	<u>7.22</u>	<u>1.85</u>	<u>3.10</u>	<u>1.95</u>	<u>3.37</u>	<u>1.14</u>	<u>2.50</u>		
October	<u>6.37</u>	<u>5.77</u>	<u>7.06</u>	<u>4.38</u>	<u>1.46</u>	<u>7.94</u>	<u>6.15</u>	<u>2.37</u>	<u>.91</u>	<u>5.41</u>		
November	<u>3.92</u>	<u>4.45</u>	<u>5.47</u>	<u>3.83</u>	<u>1.62</u>	<u>3.63</u>	<u>2.24</u>	<u>2.70</u>	<u>6.08</u>	<u>1.45</u>		
December	<u>4.89</u>	<u>3.28</u>	<u>7.00</u>	<u>1.90</u>	<u>3.56</u>	<u>1.04</u>	<u>4.92</u>	<u>2.72</u>	<u>3.03</u>	<u>2.50</u>		
TOTALS	<u>42.53</u>	<u>40.73</u>	<u>50.09</u>	<u>38.70</u>	<u>31.66</u>	<u>37.03</u>	<u>41.41</u>	<u>23.84</u>	<u>32.30</u>			

1880 Cruck

2 miles

S.

House 35ft high 60ft S

Trees 30ft " 35ft N.

1882

House 30ft " 50ft N.

1887

House 30ft " 30ft N

Trees 20ft " 20ft E

1889 Gauge moved to Matlock Bank

RAINFALL AT *Matlock, Millersley Gardens* 80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *Mr. J. Gissington*

Mr. W. Barlas

servant to

Diameter	<i>6</i>										
Height	<i>1.3</i>										
Altitude	<i>Not T</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>2.2</i>	<i>.46</i>	<i>1.90</i>	<i>4.70</i>	<i>5.09</i>	<i>3.58</i>	<i>5.51</i>	<i>1.44</i>	<i>.86</i>	<i>1.91</i>	<i>2.567</i>
February	<i>3.02</i>	<i>5.49</i>	<i>1.82</i>	<i>3.79</i>	<i>4.03</i>	<i>3.83</i>	<i>12.26</i>	<i>1.38</i>	<i>1.32</i>	<i>2.18</i>	<i>2.912 ?</i>
March	<i>2.41</i>	<i>4.05</i>	<i>3.06</i>	<i>1.50</i>	<i>3.30</i>	<i>2.06</i>	<i>3.65</i>	<i>2.17</i>	<i>1.82</i>	<i>4.98</i>	<i>2.900</i>
April	<i>1.56</i>	<i>1.18</i>	<i>3.90</i>	<i>2.70</i>	<i>2.07</i>	<i>2.09</i>	<i>14.59</i>	<i>1.37</i>	<i>2.33</i>	<i>3.30</i>	<i>2.509 ?</i>
May	<i>1.83</i>	<i>1.30</i>	<i>2.31</i>	<i>1.54</i>	<i>1.09</i>	<i>2.14</i>	<i>7.73</i>	<i>2.32</i>	<i>1.55</i>	<i>3.27</i>	<i>2.508</i>
June	<i>2.55</i>	<i>2.39</i>	<i>5.10</i>	<i>3.02</i>	<i>2.63</i>	<i>2.87</i>	<i>2.41</i>	<i>.59</i>	<i>2.61</i>	<i>.50</i>	<i>2.467</i>
July	<i>5.63</i>	<i>1.18</i>	<i>3.94</i>	<i>2.95</i>	<i>4.14</i>	<i>.93</i>	<i>3.39</i>	<i>1.61</i>	<i>6.43</i>	<i>3.17</i>	<i>3.337</i>
August	<i>2.31</i>	<i>5.95</i>	<i>2.73</i>	<i>1.45</i>	<i>2.08</i>	<i>2.80</i>	<i>2.18</i>	<i>2.56</i>	<i>1.28</i>	<i>3.13</i>	<i>2.647</i>
September	<i>4.40</i>	<i>2.12</i>	<i>2.18</i>	<i>8.24</i>	<i>2.69</i>	<i>2.65</i>	<i>2.05</i>	<i>3.25</i>	<i>1.04</i>	<i>2.73</i>	<i>3.135</i>
October	<i>6.52</i>	<i>4.30</i>	<i>6.63</i>	<i>5.15</i>	<i>1.14</i>	<i>8.14</i>	<i>6.45</i>	<i>2.33</i>	<i>1.19</i>	<i>5.24</i>	<i>4.736</i>
November	<i>4.16</i>	<i>4.01</i>	<i>4.50</i>	<i>3.62</i>	<i>1.75</i>	<i>3.68</i>	<i>2.56</i>	<i>2.65</i>	<i>6.25</i>	<i>1.51</i>	<i>3.469</i>
December	<i>4.39</i>	<i>2.74</i>	<i>6.59</i>	<i>1.99</i>	<i>4.46</i>	<i>2.96</i>	<i>4.85</i>	<i>2.83</i>	<i>3.01</i>	<i>2.45</i>	<i>3.627</i>
TOTALS	<i>39.00</i>	<i>35.17</i>	<i>44.66</i>	<i>40.65</i>	<i>34.47</i>	<i>38.00</i>	<i>147.63</i>	<i>24.50</i>	<i>29.69</i>	<i>34.37</i>	<i>36.814 ?</i>

by cs. II

RAINFALL AT

Shelton (Lindway Reservoir)

80

Lat.

Lon.

County of

Derby.

Rain Gauge, by

Observer

R. E. Cole Esq. C.E.

Descent 6.

Diameter				5							
Height				4.3							
Altitude				447							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...				1.83	2.48	1.35	2.03	.99	.64	1.02	
February ...				1.93	1.84	1.69	.29	.20	.29	.84	
March .....				.24	1.49	.99	1.31	.82	2.05	1.70	
April				1.96	1.97	1.06	1.16	.94	1.30	2.80	
May .....				.53	.71	1.79	5.16	1.20	.54	2.70	
June				3.36	1.08	2.66	1.04	.37	1.44	.07	
July				1.77	3.17	.38	2.42	1.02	4.36	2.82	
August .....				.83	1.64	1.99	1.37	1.35	2.12	2.94	
September ...				4.39	1.53	1.75	1.01	2.28	.71	2.22	
October				3.65	.95	5.15	4.50	1.25	.48	2.99	
November				1.47	.82	2.20	1.05	1.21	4.19	.72	
December ....				.76	1.83	.44	2.74	1.26	1.73	1.12	
TOTALS				22.72	19.51	21.45	24.08	12.89	18.74 19.85	21.94 ?	

1883. Wessington Church 2 m. S.E.

High hills to westward.

1887

Gauge fixed on Bank of Reservoir 50 ft high + 160 yds in length

Bad. Mt. 1909

N.B. Rejected from Survey as 7" low.

RAINFALL AT *Wirksworth Biggin*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *J. B. E. Blackwall, Esq.*

Baromet - 6.

Diameter	8										
Height	1. 3										
Altitude	490 ^T			480 ^T							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	1.01		3.53	4.59	4.23						
February ...	2.67	5.22	1.89	2.98	3.32						
March	1.80	4.17	2.74	57	2.50						
April	2.38	1.50	4.85	2.43	2.15						
May	1.78	3.00	2.13	1.14	1.71						
June	3.11	2.21	6.13	3.53	1.95						
July	5.48	1.35	4.49	2.49	3.51						
August	3.18	6.78	2.84	1.52	1.39						
September ...	4.72	1.87	1.97	5.97	3.78						
October	5.06	3.73	5.41	3.83	1.46						
November ...	3.79	3.78	7.02	3.60	1.19						
December ...	5.03	4.28	5.51	2.44	3.35						
TOTALS	40.01		48.51	35.09	30.54	mixed					

1881 January Much Snow not measured.

1882 Hulland Church 1-mile 240 yards SW
Shrubs 6ft high 12 ft W.

serwent b.

Diameter	5											
Height	1.6											
Altitude	500T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January . . . .	.33	.65	3.29	5.00	5.36	3.93	5.42	2.91	1.33	1.35	2.947	
February	3.40	6.28	2.56	3.85	3.42	3.15	.59	.56	1.53	2.26	2.760	
March	2.77	4.48	2.80	1.41	3.61	2.10	3.91	1.79	3.42	3.73	3.002	
April	1.69	1.24	4.40	2.58	2.58	1.63	2.04	1.53	1.72	2.88	2.229	
May	2.13	2.35	2.33	1.44	1.68	2.34	6.54	2.06	1.50	3.15	2.552	
June	2.48	2.55	5.86	3.43	2.23	3.83	1.24	.53	2.23	.52	2.490	
July	5.78	1.61	4.08	3.03	4.28	1.03	3.56	1.72	5.65	3.25	3.400	
August	2.93	5.89	3.14	1.66	1.87	3.40	1.97	2.44	3.20	3.44	2.994	
September	4.58	2.29	2.43	6.82	2.65	3.59	1.94	2.92	1.13	2.50	3.085	
October	4.95	4.53	6.07	4.06	1.76	7.02	5.52	2.11	1.01	3.86	4.089	
November	4.33	5.04	6.05	3.91	1.50	3.63	2.18	1.98	5.06	1.46	3.514	
December	5.13	3.60	6.89	2.03	3.72	1.18	4.83	2.67	3.22	2.25	3.562	
TOTALS	40.50	40.51	49.90	39.22	34.66	36.83	39.74	23.22	31.01	30.65	36.624	

RAINFALL AT Chatsworth Gardens

Lat. Lon. County of Derby

Servant B. Rain Gauge, by Observer

Diameter	8										
Height	1-0										
Altitude	437										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.26	.39	5.18	6.70	5.64						
February	4.66	6.75	3.54	4.55	4.50						
March	2.63	4.83	2.28	1.40	3.43						
April	1.70	1.17	5.36	3.14	2.49						
May	3.40	3.10	1.94	1.58	1.78						
June	3.02	2.45	5.48	3.50	1.24						
July	5.24	2.17	4.26	3.26	3.04						
August	3.25	6.34	3.11	1.61	1.83						
September....	6.28	2.31	2.81	5.69	3.06						
October.....	11.20	8.21	6.85	4.00	2.50						
November....	3.30	5.05	7.24	4.02	1.52						
December	5.07	4.17	7.55	3.24	2.40						
TOTALS	50.01	46.94	55.60	42.69	33.43						

Tabulated from the records at Chatsworth by W.T.G.J.
Symons in consultation with the Observer

This version with 1885-1889 from next sheet
and for average (x1.20)

RAINFALL AT Chatsworth Gardens

Lat.

Lon.

County of Derbyserpent 6.

Rain Gauge, by

Observer

Diameter	8				8						
Height	5.6				1 0 5 6						
Altitude	404				440						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	(2.6)	.51	2.97	4.95	4.45	2.60	4.83	2.35	1.01	1.54	
February	3.36	5.10	2.51	3.39	2.42	2.83	.83	.60	1.50	2.26	
March	1.68	3.29	1.66	1.07	2.55	1.77	2.87	1.76	3.53	3.63	
April	2.03	.89	3.93	2.38	2.06	1.80	1.99	1.46	1.62	4.81	
May	2.62	2.47	1.95	.95	1.34	1.94	6.63	1.65	.72	3.68	
June	2.53	2.13	4.15	3.18	1.16	3.58	1.06	.39	2.15	.40	
July	5.23	1.55	3.22	2.60	2.92	.91	3.78	.98	5.39	3.31	
August	2.71	5.41	2.65	1.13	1.26	2.10	1.99	2.31	2.49	3.66	
September....	4.72	1.84	2.01	5.16	2.76	2.62	1.57	2.74	.95	2.41	
October	8.07	5.42	5.13	3.30	1.26	7.56	5.39	1.71	.82	6.11	
November	3.20	4.18	4.97	2.84	1.52	2.92	2.04	2.02	6.41	1.37	
December	4.26	3.07	4.99	1.54	2.40	1.88	4.72	2.63	2.61	1.94	
TOTALS	(40.67)	35.86	40.14	32.49	26.10	32.51	37.70	20.60	29.20	35.12	

Tabulated from the records at Chatsworth by W. E. J. Symonds
in consultation with the Observer

From 1884 onwards the record is partly from one gauge
& partly from the other.

RAINFALL AT *Chatsworth Gardens*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *H. Speed, Esq.*
A. Thomas Esq.

ascertained by

Diameter	8											
Height	6.0					5.6		6.0	3.0	5.6		
Altitude	372	404	372			425		404				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.26	.39	5.18	4.95	4.45	2.60	4.83	2.35	1.01	1.54	2.756	
February	4.66	6.75	3.54	3.39	2.42	2.83	.83	.60	1.50	2.26	2.878	
March	2.63	4.83	2.28	1.07	2.55	1.77	2.87	1.76	3.53	3.63	2.692	
April	1.70	1.17	5.36	2.38	2.06	1.80	1.99	1.46	1.62	4.81	2.435	
May	3.40	3.10	1.94	.95	1.34	1.94	6.63	1.65	.72	3.68	2.535	
June	3.02	2.45	5.48	3.18	1.16	3.58	1.06	.39	2.15	.40	2.287	
July	5.24	2.17	4.26	2.60	2.92	.91	3.78	.98	5.39	3.31	3.156	
August	3.25	6.34	3.11	1.13	1.26	2.10	1.99	2.31	2.49	3.66	2.764	
September....	6.28	2.31	2.81	5.16	2.76	2.62	1.57	2.74	.95	2.41	2.961	
October	11.20	8.21	6.85	3.30	1.26	7.56	5.39	1.71	.82	6.11	5.241	
November....	3.30	5.05	7.24	2.84	1.52	2.92	2.04	2.02	6.41	1.37	3.471	
December	5.07	4.17	7.55	1.54	2.40	1.88	4.72	2.63	2.61	1.94	3.451	
TOTALS	50.01	46.94	55.60	32.49	26.10	32.57	37.70	20.60	29.20	35.12	36.627	

1880. *Barlow*

1000 yards

N.W.

Wall 15ft high 57ft S.

1885

Stone columns 16ft high 35ft E.

1888 *Edensor Church* 1 Mile N

Greenhouse 20ft high 150ft N

Chesterfield Water Bill 1894 The yearly totals were found to vary discordantly from neighbouring stations falling into groups of excess & defect. It was stated that the gauge had been moved at times that 1883 should be 42.69 in & 1884 33.43 in.

RAINFALL AT *Burton, Axe Edge*

80

Lat.

Lon. County of *Derby*

Rain Gauge, by

Observer *J. E. L. Sykes*

Serial 6.

Diameter	<i>8</i>											
Height	<i>1.0</i>											
Altitude	<i>1620 B</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>1.20</i>	<i>.25</i>	<i>4.10</i>									
February	<i>7.00</i>	<i>5.35</i>	<i>3.90</i>									
March	<i>4.35</i>	<i>4.11</i>	<i>2.50</i>									
April	<i>3.20</i>	<i>2.00</i>	<i>4.50</i>									
May	<i>2.25</i>	<i>4.20</i>	<i>.95</i>									
June	<i>4.05</i>	<i>3.20</i>	<i>7.70</i>									
July	<i>6.00</i>	<i>3.30</i>	<i>6.00</i>									
August	<i>2.10</i>	<i>4.60</i>	<i>4.20</i>									
September....	<i>6.25</i>	<i>1.00</i>	<i>1.50</i>									
October.....	<i>2.30</i>	<i>5.50</i>	<i>5.20</i>									
November....	<i>3.18</i>	<i>6.20</i>	<i>8.60</i>									
December	<i>6.00</i>	<i>4.60</i>	<i>6.80</i>									
TOTALS	<i>47.88</i>	<i>44.31</i>	<i>55.95</i>	<i>91.0</i>								

RAINFALL AT *Buxton, Devonshire Hospital*

80
No. 2.

Lat. Lon. County of *Derby*

Rain Gauge, by Observer *Dr E. Sykes*

sement b.

Diameter	<i>8</i>										
Height	<i>5.0</i>										
Altitude	<i>989</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>1.14</i>	<i>3.8</i>	<i>4.25</i>	<i>6.69</i>							
February	<i>7.41</i>	<i>8.07</i>	<i>4.39</i>	<i>4.79</i>							
March	<i>4.10</i>	<i>6.22</i>	<i>3.73</i>	<i>1.77</i>							
April	<i>2.50</i>	<i>1.87</i>	<i>5.34</i>	<i>2.56</i>							
May	<i>3.76</i>	<i>4.29</i>	<i>2.37</i>	<i>1.78</i>							
June	<i>4.17</i>	<i>3.14</i>	<i>8.42</i>	<i>5.01</i>							
July	<i>7.94</i>	<i>3.51</i>	<i>6.67</i>	<i>4.31</i>							
August	<i>2.76</i>	<i>6.89</i>	<i>5.51</i>	<i>3.51</i>							
September	<i>5.58</i>	<i>2.42</i>	<i>2.88</i>	<i>7.56</i>							
October	<i>5.79</i>	<i>6.12</i>	<i>5.95</i>	<i>7.03</i>							
November	<i>5.74</i>	<i>6.51</i>	<i>9.24</i>	<i>5.36</i>							
December	<i>8.43</i>	<i>5.78</i>	<i>7.11</i>	<i>4.98</i>							
TOTALS	<i>59.32</i>	<i>55.20</i>	<i>65.86</i>	<i>55.35</i>							

Historical site review. Oct: 1975.
NGR: SK (43) 057736.
Alt. 989ft - 301m.
Station number deliberately not allocated.

RAINFALL AT *Buxton, Devonshire Hospital*

80

Lat.

Lon. County of *Derby*

Rain Gauge, by

Observer *Dr. E. J. Sykes*
A. Thresh Esq.

Sevent 6.

Diameter	<i>5</i>											
Height	<i>1.0</i>											
Altitude	<i>995</i>	<i>986</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>1.19</i>	<i>.57</i>	<i>4.69</i>	<i>6.76</i>	<i>7.35</i>	<i>4.16</i>	<i>6.97</i>	<i>4.19</i>	<i>2.19</i>	<i>2.73</i>	<i>4.080</i>	
February	<i>6.78</i>	<i>9.08</i>	<i>4.33</i>	<i>4.73</i>	<i>3.19</i>	<i>4.23</i>	<i>1.07</i>	<i>1.15</i>	<i>2.86</i>	<i>3.56</i>	<i>4.098</i>	
March	<i>3.85</i>	<i>7.13</i>	<i>3.66</i>	<i>1.83</i>	<i>3.89</i>	<i>3.16</i>	<i>4.13</i>	<i>2.59</i>	<i>3.98</i>	<i>4.35</i>	<i>3.847</i>	
April	<i>2.15</i>	<i>1.93</i>	<i>5.28</i>	<i>2.54</i>	<i>1.99</i>	<i>2.00</i>	<i>2.16</i>	<i>1.04</i>	<i>2.62</i>	<i>3.52</i>	<i>2.523</i>	
May	<i>3.81</i>	<i>4.18</i>	<i>2.37</i>	<i>1.79</i>	<i>3.02</i>	<i>3.06</i>	<i>5.48</i>	<i>3.93</i>	<i>1.47</i>	<i>3.93</i>	<i>3.304</i>	
June	<i>3.82</i>	<i>3.09</i>	<i>8.31</i>	<i>4.95</i>	<i>2.07</i>	<i>3.78</i>	<i>1.62</i>	<i>.55</i>	<i>2.78</i>	<i>.63</i>	<i>3.160</i>	
July	<i>7.27</i>	<i>3.60</i>	<i>6.57</i>	<i>4.26</i>	<i>5.09</i>	<i>2.10</i>	<i>4.17</i>	<i>1.44</i>	<i>7.87</i>	<i>4.44</i>	<i>4.681</i>	
August	<i>2.22</i>	<i>6.86</i>	<i>5.46</i>	<i>3.42</i>	<i>1.72</i>	<i>2.47</i>	<i>3.03</i>	<i>2.51</i>	<i>4.87</i>	<i>6.24</i>	<i>3.880</i>	
September	<i>5.71</i>	<i>2.35</i>	<i>2.86</i>	<i>7.11</i>	<i>3.80</i>	<i>6.33</i>	<i>2.78</i>	<i>5.18</i>	<i>1.93</i>	<i>4.56</i>	<i>4.261</i>	
October	<i>5.98</i>	<i>6.04</i>	<i>5.99</i>	<i>6.87</i>	<i>3.93</i>	<i>9.56</i>	<i>5.91</i>	<i>2.56</i>	<i>2.14</i>	<i>4.99</i>	<i>5.397</i>	
November	<i>5.83</i>	<i>6.60</i>	<i>9.25</i>	<i>5.33</i>	<i>2.74</i>	<i>4.76</i>	<i>3.85</i>	<i>2.96</i>	<i>9.60</i>	<i>2.51</i>	<i>5.343</i>	
December	<i>8.62</i>	<i>6.06</i>	<i>7.12</i>	<i>4.92</i>	<i>6.17</i>	<i>3.44</i>	<i>6.26</i>	<i>4.28</i>	<i>3.97</i>	<i>4.36</i>	<i>5.517</i>	
TOTALS	<i>57.23</i>	<i>57.49</i>	<i>65.89</i>	<i>54.51</i>	<i>44.96</i>	<i>48.92</i>	<i>47.43</i>	<i>32.38</i>	<i>46.28</i>	<i>45.82</i>	<i>(50.091)</i>	

1882 Gauge moved lower down the garden

Historical site review: Oct. 1975.

Hyd. Sta. No. 34-107521

N.G.R. SK (43) 057736

Alt. 988ft - 301m.

RAINFALL AT *Stoney Middleton*

80

Lat.

Lon.

County of *Dorby*

Rain Gauge, by

Observer *Rev. W. Smith*

Serment 5.

Mr H. J. Wadlow

Diameter	<i>5</i>											
Height	<i>4.0</i>							<i>4.6</i>	<i>4.0</i>			
Altitude	<i>692 B</i>								<i>660</i>			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.25</i>	<i>.41</i>	<i>3.87</i>	<i>4.67</i>	<i>4.25</i>	<i>3.01</i>	<i>4.03</i>	<i>2.08</i>	<i>1.06</i>	<i>1.48</i>	<i>2.511</i>	
February	<i>2.69</i>	<i>3.09</i>	<i>2.97</i>	<i>2.99</i>	<i>3.53</i>	<i>2.93</i>	<i>.76</i>	<i>.67</i>	<i>1.12</i>	<i>2.84</i>	<i>2.359</i>	
March	<i>3.07</i>	<i>3.67</i>	<i>1.59</i>	<i>1.21</i>	<i>1.72</i>	<i>.94</i>	<i>2.86</i>	<i>1.33</i>	<i>2.51</i>	<i>4.16</i>	<i>2.326</i>	
April	<i>1.56</i>	<i>1.11</i>	<i>3.71</i>	<i>2.79</i>	<i>2.19</i>	<i>1.84</i>	<i>1.83</i>	<i>1.19</i>	<i>1.83</i>	<i>3.35</i>	<i>2.140</i>	
May	<i>2.85</i>	<i>1.80</i>	<i>1.03</i>	<i>1.33</i>	<i>1.59</i>	<i>2.22</i>	<i>5.25</i>	<i>1.88</i>	<i>.96</i>	<i>3.30</i>	<i>2.221</i>	
June	<i>3.10</i>	<i>2.32</i>	<i>6.41</i>	<i>3.53</i>	<i>1.66</i>	<i>3.20</i>	<i>1.02</i>	<i>.36</i>	<i>2.46</i>	<i>.61</i>	<i>2.467</i>	
July	<i>5.48</i>	<i>2.34</i>	<i>4.61</i>	<i>3.78</i>	<i>4.25</i>	<i>1.80</i>	<i>3.87</i>	<i>.73</i>	<i>5.82</i>	<i>3.54</i>	<i>3.622</i>	
August	<i>1.74</i>	<i>4.98</i>	<i>3.16</i>	<i>1.79</i>	<i>1.12</i>	<i>1.09</i>	<i>1.37</i>	<i>1.82</i>	<i>3.23</i>	<i>3.89</i>	<i>2.419</i>	
September	<i>6.02</i>	<i>2.36</i>	<i>1.92</i>	<i>6.10</i>	<i>3.51</i>	<i>3.42</i>	<i>2.04</i>	<i>2.99</i>	<i>.81</i>	<i>3.12</i>	<i>3.229</i>	
October	<i>7.42</i>	<i>4.13</i>	<i>5.64</i>	<i>3.76</i>	<i>2.56</i>	<i>7.80</i>	<i>4.94</i>	<i>1.86</i>	<i>1.55</i>	<i>4.34</i>	<i>4.400</i>	
November	<i>3.65</i>	<i>4.15</i>	<i>5.52</i>	<i>3.70</i>	<i>2.50</i>	<i>3.65</i>	<i>1.51</i>	<i>2.56</i>	<i>6.22</i>	<i>1.74</i>	<i>3.520</i>	
December	<i>5.12</i>	<i>3.88</i>	<i>5.47</i>	<i>3.54</i>	<i>3.64</i>	<i>1.62</i>	<i>3.20</i>	<i>2.33</i>	<i>2.54</i>	<i>2.48</i>	<i>3.382</i>	
TOTALS	<i>42.95</i>	<i>34.44</i>	<i>45.90</i>	<i>39.19</i>	<i>32.52</i>	<i>33.52</i>	<i>32.68</i>	<i>19.80</i>	<i>30.11</i>	<i>34.85</i>	<i>(34.596)</i>	

St. Martins Stoney Middleton 1/4 mile NE

Wall 8 ft high 12 ft W

1888 Gauge moved Jan'y 3rd 400 yards N

Stoney Middleton Church 300 yards E

Rocks 40 ft high 40 ft N

N.B. Rejected from Survey as 3" low.

RAINFALL AT *Hathersage, Bamford* 80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *W. B. Moore, Jun., Esq.*

Descent 6.

Diameter	<i>5</i>											
Height	<i>1.0</i>											
Altitude	<i>530T</i>							<i>520</i>				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.35</i>	<i>.38</i>	<i>4.24</i>	<i>5.20</i>	<i>5.95</i>		<i>4.71</i>	<i>1.70</i>	<i>1.15</i>	<i>2.00</i>		
February	<i>4.01</i>	<i>6.05</i>	<i>3.43</i>	<i>3.27</i>	<i>3.25</i>		<i>1.08</i>	<i>.95</i>		<i>2.25</i>		
March	<i>3.11</i>	<i>5.24</i>	<i>2.02</i>	<i>1.02</i>	<i>2.70</i>		<i>2.85</i>	<i>1.85</i>	<i>5.03</i>	<i>4.27</i>		
April	<i>2.05</i>	<i>1.33</i>	<i>4.52</i>	<i>2.63</i>	<i>1.73</i>		<i>2.16</i>	<i>1.00</i>	<i>2.30</i>	<i>4.34</i>		
May	<i>2.86</i>	<i>2.68</i>	<i>2.00</i>	<i>1.32</i>	<i>2.09</i>		<i>6.70</i>	<i>2.25</i>	<i>1.08</i>	<i>2.72</i>		
June	<i>3.39</i>	<i>2.09</i>	<i>5.37</i>	<i>3.80</i>	<i>2.21</i>		<i>.85</i>		<i>1.90</i>	<i>.64</i>		
July	<i>5.78</i>	<i>3.04</i>	<i>5.23</i>	<i>4.71</i>	<i>3.08</i>		<i>3.40</i>		<i>4.19</i>	<i>3.22</i>		
August	<i>2.39</i>	<i>4.41</i>	<i>2.89</i>	<i>1.14</i>	<i>2.84</i>		<i>2.72</i>	<i>3.06</i>	<i>3.80</i>	<i>3.41</i>		
September	<i>6.91</i>	<i>2.60</i>	<i>2.18</i>	<i>6.70</i>	<i>2.13</i>	<i>3.79</i>	<i>5.65</i>	<i>1.43</i>	<i>1.10</i>	<i>2.46</i>		
October	<i>10.06</i>	<i>6.22</i>	<i>5.04</i>	<i>4.52</i>	<i>2.62</i>	<i>9.91</i>		<i>1.90</i>	<i>1.37</i>	<i>6.85</i>		
November	<i>4.02</i>	<i>4.56</i>	<i>7.09</i>	<i>4.00</i>	<i>1.57</i>	<i>3.11</i>	<i>2.79</i>	<i>3.10</i>	<i>7.79</i>	<i>2.74</i>		
December	<i>6.01</i>	<i>4.29</i>	<i>5.94</i>	<i>3.66</i>	<i>4.37</i>	<i>1.94</i>	<i>5.20</i>	<i>3.95</i>	<i>2.67</i>			
TOTALS	<i>50.94</i>	<i>42.89</i>	<i>49.95</i>	<i>44.97</i>	<i>34.54</i>		<i>38.11</i>		<i>32.88</i>	<i>34.90</i>		

1880. Bamford 300? 400 yards E.

1886 Monthly totals not correct, gauge read at irregular intervals.

1888 February No record g. under a snow drift.

1889 Unreliable

RAINFALL AT *Castleton Hall*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *Miss Hall*

Serial 6.

Diameter	<i>5</i>											
Height	<i>1.0</i>											
Altitude	<i>700</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>56</i>	<i>91</i>	<i>3.56</i>	<i>4.74</i>	<i>5.22</i>	<i>3.38</i>						
February	<i>4.80</i>	<i>8.41</i>	<i>3.35</i>	<i>3.76</i>	<i>5.16</i>	<i>3.75</i>						
March	<i>2.80</i>	<i>6.50</i>	<i>3.61</i>	<i>1.32</i>	<i>3.08</i>	<i>2.25</i>						
April	<i>2.77</i>	<i>1.61</i>	<i>5.34</i>	<i>2.79</i>	<i>1.85</i>	<i>1.90</i>						
May	<i>2.92</i>	<i>4.42</i>	<i>1.85</i>	<i>1.21</i>	<i>2.76</i>	<i>3.08</i>						
June	<i>3.93</i>	<i>2.43</i>	<i>7.22</i>	<i>5.16</i>	<i>2.03</i>	<i>3.63</i>						
July	<i>5.00</i>	<i>3.60</i>	<i>5.23</i>	<i>3.99</i>	<i>3.53</i>							
August	<i>3.33</i>	<i>4.57</i>	<i>3.10</i>	<i>3.89</i>	<i>3.29</i>	<i>2.36</i>						
September	<i>7.26</i>	<i>2.51</i>	<i>2.14</i>	<i>6.43</i>	<i>2.53</i>							
October	<i>5.93</i>	<i>5.44</i>	<i>5.58</i>	<i>5.90</i>	<i>3.16</i>							
November	<i>5.60</i>	<i>5.17</i>	<i>9.72</i>	<i>4.07</i>	<i>1.37</i>	<i>3.20</i>						
December	<i>8.20</i>	<i>6.47</i>	<i>7.61</i>	<i>4.34</i>	<i>6.17</i>	<i>1.44</i>						
TOTALS	<i>53.10</i>	<i>52.04</i>	<i>58.31</i>	<i>47.60</i>	<i>40.15</i>							

Long Eaton.

RAINFALL AT Trent College

80

Lat.

Lon.

County of

Rain Gauge, by.

Observer:

Brewash - 7.

[illegible]

RAINFALL AT *Ripley, Alder car Sta* 80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *F. B. Wright, Esq.*

brewish - 7.

Diameter	<i>5</i>											
Height	<i>4.3</i>											
Altitude												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.99</i>	<i>.80</i>	<i>2.66</i>									
February	<i>2.03</i>	<i>4.79</i>	<i>2.07</i>									
March	<i>2.05</i>	<i>2.95</i>	<i>1.98</i>									
April	<i>1.83</i>	<i>1.31</i>	<i>3.00</i>									
May	<i>1.68</i>	<i>1.33</i>	<i>2.59</i>									
June	<i>4.05</i>	<i>1.86</i>	<i>3.62</i>									
July	<i>6.36</i>	<i>.70</i>	<i>2.87</i>									
August	<i>3.18</i>	<i>5.45</i>	<i>1.97</i>									
September	<i>4.21</i>	<i>1.53</i>	<i>1.86</i>									
October	<i>2.60</i>	<i>3.65</i>	<i>5.59</i>									
November	<i>2.31</i>	<i>2.98</i>	<i>3.97</i>									
December	<i>3.92</i>	<i>2.65</i>	<i>5.95</i>									
TOTALS	<i>35.21</i>	<i>30.00</i>	<i>38.13</i>									

Heanor church 2 miles SSW.

Bush 5ft high 10ft E

Tree 15ft " 27ft N

RAINFALL AT *Ripley Butterley Hall*

80

Lat. Lon. County of *Derby*

Rain Gauge, by Observer *Mr Jessop*

Brewarch - 7.

Diameter				<i>5</i>							
Height				<i>9.6</i>							
Altitude				<i>450</i>							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				<i>3.38</i>							
February				<i>3.15</i>							
March				<i>1.40</i>							
April				<i>2.43</i>							
May				<i>1.03</i>							
June				<i>4.58</i>							
July				<i>2.27</i>							
August				<i>1.38</i>							
September....				<i>5.45</i>							
October				<i>3.21</i>							
November....				<i>3.24</i>							
December				<i>1.24</i>							
TOTALS			<i>38.95</i>	<i>32.76</i>							

RAINFALL AT *Chesterfield, Hardwick Hall*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *Mr. Wilson*

ouse - son - 8.

Diameter	8											
Height	1.6			2.	2.6							
Altitude	594T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.61	.49	2.67	3.43	3.38	2.28	4.17	2.58	.66	1.64	2.191	
February	2.56	4.32	1.50	3.49	3.01	3.31	.99	.79	1.98	1.94	2.389	
March	1.61	3.46	2.80	1.54	2.03	1.34	2.89	1.65	3.40	4.38	2.510	
April	2.64	1.25	3.16	3.04	2.76	1.97	1.92	1.62	2.22	3.45	2.403	
May	1.85	2.17	2.46	1.83	.92	2.45	6.93	2.37	.88	4.78	2.664	
June	5.44	1.85	3.33	4.97	1.38	3.27	1.60	.47	2.75	.69	2.575	
July	5.95	1.54	3.57	2.62	3.49	.51	2.81	2.16	5.42	2.77	3.084	
August	2.80	5.46	2.13	1.26	.79	2.38	2.16	1.81	2.93	2.65	2.437	
September....	4.46	3.01	2.76	5.40	2.16	2.45	1.28	3.26	.95	2.51	2.824	
October.....	6.80	1.29	6.54	3.51	1.22	6.02	5.47	2.43	.73	5.00	3.901	
November....	3.20	1.72	4.47	2.65	1.08	2.60	2.23	2.70	5.93	1.33	2.791	
December	3.71	2.87	6.14	2.04	2.78	.95	4.59	2.63	2.10	2.32	3.013	
TOTALS	41.63	29.43	41.53	35.78	25.00	29.53	37.04	24.47	29.95	33.46	32.782	

1880. *Hault Hucknall*

1 mile

N.

Trees 50ft. high 50ft. SW.

RAINFALL AT

Chatterfield, Grassmoor Colliery

80

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

E. Bromley, Esq.

Don - 8.

Diameter	<i>5</i>											
Height	<i>19.10</i>											
Altitude	<i>370</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.18</i>	<i>.91</i>	<i>2.12</i>	<i>3.39</i>	<i>3.52</i>	<i>1.86</i>	<i>3.27</i>	<i>1.80</i>				
February	<i>2.61</i>	<i>4.79</i>	<i>1.64</i>	<i>3.18</i>	<i>2.02</i>	<i>2.28</i>	<i>.34</i>	<i>.41</i>				
March	<i>2.51</i>	<i>3.32</i>	<i>1.48</i>	<i>1.25</i>	<i>1.97</i>	<i>1.23</i>	<i>2.49</i>	<i>1.40</i>				
April	<i>.78</i>	<i>1.06</i>	<i>2.72</i>	<i>2.30</i>	<i>1.85</i>	<i>1.27</i>	<i>1.45</i>	<i>.90</i>				
May	<i>1.56</i>	<i>2.15</i>	<i>1.81</i>	<i>1.13</i>	<i>.77</i>	<i>1.70</i>	<i>6.01</i>	<i>1.32</i>				
June	<i>2.95</i>	<i>1.85</i>	<i>3.52</i>	<i>3.08</i>	<i>1.00</i>	<i>3.14</i>	<i>1.21</i>	<i>.26</i>				
July	<i>6.60</i>	<i>1.44</i>	<i>3.23</i>		<i>3.05</i>	<i>.39</i>	<i>2.47</i>	<i>1.06</i>				
August	<i>1.99</i>	<i>5.69</i>	<i>2.35</i>	<i>.39</i>	<i>1.67</i>	<i>1.46</i>	<i>1.73</i>	<i>2.07</i>				
September	<i>4.15</i>	<i>1.57</i>	<i>2.22</i>	<i>4.61</i>	<i>1.14</i>	<i>1.71</i>	<i>1.32</i>	<i>2.28</i>				
October	<i>4.30</i>	<i>3.37</i>	<i>4.91</i>	<i>3.00</i>	<i>.94</i>	<i>3.97</i>	<i>4.62</i>	<i>1.61</i>				
November	<i>3.04</i>	<i>3.00</i>	<i>4.15</i>	<i>2.08</i>	<i>.62</i>	<i>2.08</i>	<i>1.46</i>	<i>1.90</i>				
December	<i>3.76</i>	<i>2.77</i>	<i>4.71</i>	<i>1.13</i>	<i>1.94</i>	<i>.64</i>	<i>3.89</i>	<i>1.98</i>				
TOTALS	<i>34.43</i>	<i>31.92</i>	<i>34.86</i>		<i>20.49</i>	<i>21.73</i>	<i>30.26</i>	<i>16.99</i>				

1883 July gauge out of order

RAINFALL AT *Chesterfield Bampton St 80*

Lat..... Lon..... County of *Derby*
Rain Gauge, by..... Observer *Rev J M Mello.*

Don - 8.

Diameter		<i>5</i>									
Height		<i>3.0</i>									
Altitude		<i>3147</i>									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...		<i>.49</i>	<i>2.44</i>	<i>4.19</i>	<i>1.96</i>	<i>2.14</i>	<i>4.07</i>				
February ...		<i>5.01</i>	<i>2.08</i>	<i>2.94</i>	<i>1.34</i>	<i>3.25</i>	<i>.62</i>				
March		<i>2.05</i>	<i>1.57</i>	<i>1.15</i>	<i>2.01</i>	<i>1.35</i>	<i>2.63</i>				
April		<i>1.10</i>	<i>3.78</i>	<i>2.72</i>	<i>2.53</i>	<i>1.24</i>	<i>1.56</i>				
May		<i>1.20</i>	<i>1.63</i>	<i>1.09</i>	<i>1.20</i>	<i>1.44</i>	<i>7.33</i>				
June		<i>.85</i>	<i>2.91</i>	<i>3.17</i>	<i>.63</i>	<i>2.56</i>	<i>1.07</i>				
July		<i>1.61</i>	<i>4.44</i>	<i>2.03</i>	<i>2.73</i>	<i>.45</i>	<i>3.47</i>				
August		<i>4.67</i>	<i>1.95</i>	<i>.99</i>	<i>1.77</i>	<i>2.66</i>	<i>2.97</i>				
September ...		<i>1.15</i>	<i>1.87</i>	<i>5.34</i>	<i>1.67</i>	<i>2.32</i>	<i>1.17</i>				
October		<i>3.26</i>	<i>4.62</i>	<i>3.66</i>	<i>1.05</i>	<i>5.56</i>	<i>5.26</i>				
November ...		<i>3.34</i>	<i>5.18</i>	<i>2.89</i>	<i>1.15</i>	<i>2.60</i>	<i>1.44</i>				
December ...		<i>2.44</i>	<i>5.89</i>	<i>1.87</i>	<i>2.15</i>	<i>1.23</i>	<i>4.18</i>				
TOTALS		<i>27.17</i>	<i>38.36</i>	<i>32.04</i>	<i>20.19</i>	<i>26.80</i>	<i>35.77</i>				

RAINFALL AT *Chesterfield Gas Works*

80

Lat. Lon. County of *Derby*
Rain Gauge, by Observer *C E Jones, Esq*

Don-8.

Diameter			<i>5</i>								
Height			<i>1.-</i>								
Altitude			<i>279</i>								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January....			<i>3.17</i>	<i>4.24</i>	<i>3.79</i>	<i>1.90</i>	<i>3.68</i>	<i>3.22</i>	<i>.68</i>	<i>1.27</i>	
February....			<i>1.97</i>	<i>3.69</i>	<i>1.90</i>	<i>3.23</i>	<i>.56</i>	<i>.42</i>	<i>.97</i>	<i>1.66</i>	
March			<i>1.63</i>	<i>.26</i>	<i>2.49</i>	<i>1.32</i>	<i>2.77</i>	<i>1.43</i>	<i>2.76</i>	<i>3.88</i>	
April			<i>3.69</i>	<i>2.69</i>	<i>2.15</i>	<i>1.67</i>	<i>1.93</i>	<i>1.02</i>	<i>1.44</i>	<i>3.27</i>	
May			<i>1.66</i>	<i>1.11</i>	<i>1.32</i>	<i>1.52</i>	<i>7.36</i>	<i>1.77</i>	<i>.86</i>	<i>3.01</i>	
June			<i>3.58</i>	<i>3.09</i>	<i>1.39</i>	<i>2.90</i>	<i>1.03</i>	<i>.34</i>	<i>2.39</i>	<i>.41</i>	
July			<i>4.34</i>	<i>2.29</i>	<i>2.79</i>	<i>.50</i>	<i>3.23</i>	<i>1.32</i>	<i>4.38</i>	<i>2.43</i>	
August			<i>2.13</i>	<i>.92</i>	<i>1.68</i>	<i>2.20</i>	<i>2.68</i>	<i>2.61</i>	<i>2.43</i>	<i>3.12</i>	
September....			<i>2.00</i>	<i>5.03</i>	<i>1.45</i>	<i>2.45</i>	<i>1.15</i>	<i>2.29</i>	<i>.72</i>	<i>1.76</i>	
October			<i>5.58</i>	<i>3.66</i>	<i>1.39</i>	<i>6.66</i>	<i>4.93</i>	<i>1.85</i>	<i>.61</i>	<i>4.21</i>	
November....			<i>4.40</i>	<i>3.19</i>	<i>1.19</i>	<i>2.34</i>	<i>1.40</i>	<i>1.83</i>	<i>5.04</i>	<i>.95</i>	
December			<i>5.65</i>	<i>2.01</i>	<i>2.14</i>	<i>.64</i>	<i>4.85</i>	<i>2.25</i>	<i>2.55</i>	<i>1.58</i>	
TOTALS			<i>39.80</i>	<i>32.18</i>	<i>23.68</i>	<i>27.33</i>	<i>35.57</i>	<i>20.35</i>	<i>24.83</i>	<i>27.55</i>	

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, Luacre Reservoir*

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *C. E. Jones, Esq.*

Don - 8.

Diameter	<i>8</i>											
Height	<i>3.6</i>	<i>5.6</i>	<i>3.6</i>									
Altitude	<i>488</i>	<i>490</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.17</i>	<i>.41</i>	<i>2.82</i>	<i>3.64</i>	<i>3.72</i>	<i>1.91</i>	<i>3.56</i>	<i>2.33</i>	<i>.62</i>	<i>1.30</i>	<i>2.048</i>	
February	<i>2.87</i>	<i>4.88</i>	<i>1.96</i>	<i>3.57</i>	<i>2.14</i>	<i>3.25</i>	<i>.58</i>	<i>.33</i>	<i>1.22</i>	<i>1.37</i>	<i>2.217</i>	
March	<i>1.88</i>	<i>3.71</i>	<i>1.46</i>	<i>1.21</i>	<i>2.65</i>	<i>1.40</i>	<i>2.76</i>	<i>1.67</i>	<i>3.13</i>	<i>3.67</i>	<i>2.354</i>	
April	<i>1.34</i>	<i>1.23</i>	<i>3.87</i>	<i>2.90</i>	<i>2.16</i>	<i>1.63</i>	<i>2.05</i>	<i>1.12</i>	<i>1.50</i>	<i>3.67</i>	<i>2.147</i>	
May	<i>2.33</i>	<i>2.24</i>	<i>1.65</i>	<i>1.05</i>	<i>1.10</i>	<i>1.70</i>	<i>7.97</i>	<i>1.81</i>	<i>.79</i>	<i>3.83</i>	<i>2.447</i>	
June	<i>4.36</i>	<i>1.54</i>	<i>4.43</i>	<i>3.06</i>	<i>1.73</i>	<i>3.35</i>	<i>.95</i>	<i>.37</i>	<i>3.10</i>	<i>.50</i>	<i>2.339</i>	
July	<i>5.27</i>	<i>1.62</i>	<i>2.95</i>	<i>2.28</i>	<i>2.66</i>	<i>.57</i>	<i>3.13</i>	<i>.85</i>	<i>4.69</i>	<i>2.82</i>	<i>2.684</i>	
August	<i>2.31</i>	<i>5.36</i>	<i>2.17</i>	<i>.69</i>	<i>2.04</i>	<i>2.33</i>	<i>2.08</i>	<i>2.09</i>	<i>2.46</i>	<i>4.01</i>	<i>2.554</i>	
September	<i>4.29</i>	<i>1.75</i>	<i>1.96</i>	<i>5.56</i>	<i>2.35</i>	<i>2.57</i>	<i>1.00</i>	<i>2.47</i>	<i>.77</i>	<i>1.70</i>	<i>2.436</i>	
October	<i>6.58</i>	<i>3.23</i>	<i>5.01</i>	<i>3.47</i>	<i>.96</i>	<i>6.55</i>	<i>4.88</i>	<i>1.86</i>	<i>.58</i>	<i>4.08</i>	<i>3.720</i>	
November	<i>2.57</i>	<i>3.39</i>	<i>3.97</i>	<i>3.12</i>	<i>1.08</i>	<i>2.94</i>	<i>1.25</i>	<i>1.92</i>	<i>3.81</i>	<i>.68</i>	<i>2.467</i>	
December	<i>3.72</i>	<i>2.80</i>	<i>6.03</i>	<i>1.78</i>	<i>1.65</i>	<i>.73</i>	<i>4.53</i>	<i>1.53</i>	<i>2.40</i>	<i>1.57</i>	<i>2.674</i>	
TOTALS	<i>37.63</i>	<i>32.16</i>	<i>38.28</i>	<i>32.33</i>	<i>24.24</i>	<i>28.87</i>	<i>34.74</i>	<i>18.35</i>	<i>25.07</i>	<i>29.20</i>	<i>30.087</i>	

RAINFALL AT

Chesterfield Tipton House 80

Lat. County of Derby Rain Gauge, by Observer C. Markham Esq.

Don 8.

Diameter						8					
Height						1.3					
Altitude											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						2.15	3.18	2.41	.25	.87	
February						3.04	.44	.03	.68	2.32	
March						1.33	2.91	1.54	2.49	3.87	
April						1.70	2.01	.61	1.83	3.31	
May						1.62	7.52	1.44	.96	2.40	
June						2.87	1.10	.19	2.16	.27	
July . . . . .						.52	3.31	1.36	4.06	2.43	
August						2.62	2.91	2.32	.98	2.00	
September						2.40	.89	1.59	.26	1.38	
October						6.55	4.28	1.83	.23	2.96	
November						2.41	1.15	1.31	4.78	1.22	
December . . . .						.43	4.46	1.19	1.86	1.68	
TOTALS						27.64	34.13	15.82	20.54	24.71	

Chesterfield Church 3/4 mile S.W.
Vinery 12 ft high 23 ft x

RAINFALL AT *Chesterfield Tipton Grove*

80

Lat..... Lon..... County of *Derby*

Rain Gauge, by..... Observer *J. F. Mills Esq*

Don 8.

W. R. Blenheim Gardner

Diameter . . .										5	
Height										3.1	
Altitude										400	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January										1.42	
February										2.01	
March										3.45	
April										3.17	
May										3.45	
June . . . . .										.56	
July										2.39	
August										2.87	
September										1.98	
October										4.35	
November . . . .										.98	
December										1.38	
TOTALS										28.01	

1889 Brimington Church 1 mile N

RAINFALL AT

AT

Chesterfield & Brimington Hall

80

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

R. G. Coke, Esq. C. E.

Don - 8.

Diameter	<i>5</i>											
Height	<i>1.4</i>											
Altitude	<i>408</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.53</i>	<i>.55</i>	<i>2.77</i>	<i>4.02</i>	<i>3.60</i>	<i>2.07</i>	<i>4.00</i>	<i>1.23</i>	<i>1.84</i>	<i>1.54</i>		
February	<i>2.46</i>	<i>3.83</i>	<i>2.00</i>	<i>2.90</i>	<i>1.80</i>	<i>3.02</i>	<i>.79</i>	<i>.45</i>	<i>1.37</i>			
March	<i>1.80</i>	<i>3.92</i>	<i>1.56</i>	<i>1.44</i>	<i>2.05</i>	<i>1.38</i>	<i>2.46</i>	<i>1.76</i>	<i>3.05</i>			
April	<i>2.12</i>	<i>1.45</i>	<i>3.67</i>	<i>3.07</i>	<i>2.54</i>	<i>1.59</i>	<i>2.04</i>	<i>1.19</i>	<i>1.87</i>	<i>3.31</i>		
May	<i>2.35</i>	<i>1.40</i>	<i>1.90</i>	<i>1.61</i>	<i>1.28</i>	<i>1.65</i>	<i>7.27</i>	<i>1.90</i>	<i>.90</i>	<i>3.86</i>		
June	<i>6.08</i>	<i>2.32</i>	<i>3.66</i>	<i>3.86</i>	<i>1.79</i>	<i>3.03</i>	<i>1.40</i>	<i>.36</i>	<i>2.68</i>	<i>.57</i>		
July	<i>5.78</i>	<i>1.80</i>	<i>4.03</i>	<i>2.85</i>	<i>4.11</i>	<i>.57</i>	<i>3.56</i>	<i>1.47</i>	<i>4.62</i>	<i>2.72</i>		
August	<i>2.57</i>	<i>6.98</i>	<i>2.59</i>	<i>1.20</i>	<i>2.06</i>	<i>2.86</i>	<i>3.20</i>	<i>2.45</i>	<i>2.79</i>	<i>3.23</i>		
September	<i>4.74</i>	<i>2.17</i>	<i>2.54</i>	<i>5.33</i>	<i>1.29</i>	<i>2.93</i>	<i>1.30</i>	<i>2.60</i>	<i>1.06</i>	<i>2.17</i>		
October	<i>7.29</i>	<i>3.97</i>	<i>5.57</i>	<i>4.19</i>	<i>1.52</i>	<i>6.92</i>	<i>4.50</i>	<i>2.05</i>	<i>.72</i>	<i>4.91</i>		
November	<i>2.92</i>	<i>3.14</i>	<i>4.52</i>	<i>3.49</i>	<i>1.32</i>	<i>2.23</i>	<i>1.71</i>	<i>1.72</i>	<i>5.13</i>	<i>1.09</i>		
December	<i>3.92</i>	<i>2.53</i>	<i>5.78</i>	<i>1.66</i>	<i>1.82</i>	<i>.65</i>	<i>3.73</i>	<i>2.11</i>	<i>2.37</i>	<i>1.84</i>		
TOTALS	<i>42.50</i>	<i>34.06</i>	<i>40.59</i>	<i>35.62</i>	<i>25.18</i>	<i>28.90</i>	<i>35.96</i>	<i>19.29</i>	<i>28.40</i>	<i>(31.24)</i>	<i>32.174</i>	

*Feb - Mar
estimated.*

1880. Brimington

100 yards

Trees 30ft-high ⁴⁰ 60ft-S.

1889 Obs. for first 5 months unreliable.

N.

RAINFALL AT *Barlow Reservoir*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *A. G. Cooke, Esq., C.E.*

Don - 8.

Diameter	<i>5</i>											
Height	<i>4.3</i>											
Altitude	<i>612</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.20</i>	<i>.20</i>	<i>1.63</i>	<i>3.62</i>								
February	<i>2.95</i>	<i>3.92</i>	<i>2.15</i>	<i>2.80</i>								
March	<i>1.84</i>	<i>3.41</i>	<i>2.19</i>	<i>1.14</i>								
April	<i>1.87</i>	<i>1.41</i>	<i>4.17</i>	<i>2.94</i>								
May	<i>2.21</i>	<i>2.46</i>	<i>1.83</i>	<i>.69</i>								
June	<i>4.05</i>	<i>1.85</i>	<i>5.41</i>	<i>3.23</i>								
July	<i>5.80</i>	<i>1.96</i>	<i>3.38</i>	<i>2.77</i>								
August	<i>2.74</i>	<i>5.90</i>	<i>2.80</i>	<i>1.10</i>								
September	<i>5.13</i>	<i>2.09</i>	<i>1.88</i>	<i>5.17</i>								
October	<i>6.54</i>	<i>3.85</i>	<i>4.97</i>	<i>3.85</i>								
November	<i>3.09</i>	<i>3.00</i>	<i>5.17</i>	<i>3.45</i>								
December	<i>4.69</i>	<i>3.04</i>	<i>3.20</i>	<i>2.22</i>								
TOTALS	<i>41.11</i>	<i>33.09</i>	<i>38.78</i>	<i>32.98</i>								

Barlow Church 1 mile NW. G. on reservoir bank 40 ft high
1882 Holmesfield n. Sheffield 1 1/2 miles N

N.B. Rejected from Survey as 2" Low

RAINFALL AT *Stellamarch, Norwood*

80

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *MS & L A Co*

Don - 8.

Diameter												
Height	<i>9</i>											
Altitude	<i>3.6</i>											
	<i>238 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.11</i>	<i>25</i>	<i>3.50</i>	<i>4.44</i>	<i>3.48</i>	<i>1.50</i>	<i>3.66</i>	<i>1.83</i>	<i>.52</i>	<i>1.56</i>	<i>2.085</i>	
February	<i>2.44</i>	<i>3.51</i>	<i>1.68</i>	<i>2.34</i>	<i>1.75</i>	<i>2.50</i>	<i>.70</i>	<i>.71</i>	<i>1.25</i>	<i>1.34</i>	<i>1.822</i>	
March	<i>1.78</i>	<i>3.55</i>	<i>1.60</i>	<i>.61</i>	<i>1.64</i>	<i>1.07</i>	<i>2.05</i>	<i>1.41</i>	<i>2.75</i>	<i>4.54</i>	<i>2.100</i>	
April	<i>1.38</i>	<i>.84</i>	<i>2.97</i>	<i>3.48</i>	<i>2.12</i>	<i>2.25</i>	<i>1.70</i>	<i>1.20</i>	<i>1.96</i>	<i>3.35</i>	<i>2.125</i>	
May	<i>1.76</i>	<i>1.59</i>	<i>1.82</i>	<i>1.91</i>	<i>.68</i>	<i>1.87</i>	<i>6.50</i>	<i>1.57</i>	<i>.65</i>	<i>5.04</i>	<i>2.339</i>	
June	<i>3.57</i>	<i>1.80</i>	<i>3.60</i>	<i>3.31</i>	<i>.86</i>	<i>2.85</i>	<i>.92</i>	<i>.32</i>	<i>1.84</i>	<i>.37</i>	<i>1.938</i>	
July	<i>5.12</i>	<i>1.65</i>	<i>2.41</i>	<i>2.47</i>	<i>3.30</i>	<i>.73</i>	<i>3.62</i>	<i>1.97</i>	<i>4.14</i>	<i>1.32</i>	<i>2.673</i>	
August	<i>2.43</i>	<i>5.12</i>	<i>2.40</i>	<i>1.69</i>	<i>1.43</i>	<i>2.45</i>	<i>2.31</i>	<i>2.14</i>	<i>2.34</i>	<i>2.50</i>	<i>2.481</i>	
September	<i>4.26</i>	<i>1.78</i>	<i>2.01</i>	<i>4.96</i>	<i>1.19</i>	<i>1.91</i>	<i>1.13</i>	<i>1.79</i>	<i>1.28</i>	<i>1.43</i>	<i>2.174</i>	
October	<i>7.41</i>	<i>3.31</i>	<i>5.14</i>	<i>3.25</i>	<i>.82</i>	<i>7.09</i>	<i>3.90</i>	<i>1.94</i>	<i>.53</i>	<i>4.11</i>	<i>3.750</i>	
November	<i>2.43</i>	<i>2.53</i>	<i>3.48</i>	<i>2.89</i>	<i>.92</i>	<i>2.18</i>	<i>1.12</i>	<i>1.61</i>	<i>4.38</i>	<i>.51</i>	<i>2.205</i>	
December	<i>3.30</i>	<i>2.45</i>	<i>5.01</i>	<i>1.22</i>	<i>1.47</i>	<i>.53</i>	<i>3.30</i>	<i>1.50</i>	<i>1.94</i>	<i>1.55</i>	<i>2.227</i>	
TOTALS	<i>35.93</i>	<i>28.38</i>	<i>35.62</i>	<i>32.57</i>	<i>19.66</i>	<i>26.93</i>	<i>30.91</i>	<i>17.99</i>	<i>23.58</i>	<i>27.62</i>	<i>27.919</i>	

RAINFALL AT *Norton Chantry Gauge*

80

Lat. Lon. County of *Derby*
Rain Gauge, by Observer *Col. Preswick*

on 8.

Diameter											
Height											
Altitude								<i>700</i>			
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								<i>2.16</i>			
February								<i>.54</i>			
March								<i>1.00</i>			
April								<i>1.13</i>			
May								<i>1.97</i>			
June								<i>.47</i>			
July								<i>1.16</i>			
August								<i>2.08</i>			
September....								<i>1.92</i>			
October								<i>2.17</i>			
November....								<i>2.72</i>			
December								<i>2.72</i>			
TOTALS								<i>20.04</i>	<i>N.R.</i>		

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

RAINFALL AT *Burbage House*

80

Lat.

Lon.

County of *Dorset*

Rain Gauge, by

Observer *W^h J. Farrer*

Don - 8.

Diameter		<i>5</i>									
Height		<i>2. 10</i>									
Altitude		<i>1277 ft</i>									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	<i>(.30)</i>	<i>.66</i>	<i>2.18</i>								
February ...	<i>1.75</i>	<i>1.14</i>	<i>2.17</i>								
March	<i>4.26</i>	<i>1.74</i>	<i>3.02</i>								
April	<i>2.43</i>	<i>2.54</i>	<i>2.82</i>								
May	<i>2.99</i>	<i>3.29</i>	<i>3.67</i>								
June	<i>2.83</i>	<i>2.17</i>	<i>5.92</i>								
July	<i>5.65</i>	<i>1.41</i>	<i>5.43</i>								
August	<i>4.26</i>	<i>6.47</i>	<i>1.93</i>								
September ...	<i>7.76</i>	<i>3.92</i>	<i>1.99</i>								
October	<i>1.78</i>	<i>6.04</i>	<i>6.79</i>								
November ...	<i>8.06</i>	<i>2.03</i>	<i>6.15</i>								
December ...	<i>5.42</i>	<i>5.30</i>	<i>4.58</i>								
TOTALS ...	<i>(47.49)</i>	<i>36.71</i>	<i>46.65</i>								

Dore Church 3 miles S.E

1880 Jan'y amount computed, gauge read weekly and not on 1st of each month

1882 Gauge read weekly, therefore monthly totals are approximately correct only