

RAINFALL AT Macclesfield, The Park

2726
80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

M^r J Dale

upper mersey - 1.

Diameter		5										
Height		1. 0										
Altitude		501 π	T									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS,	
January....	0.71	0.49	2.86	3.46	4.03	2.18	5.78	2.24	1.99	1.34	2.508	
February	2.25	5.11	2.86	2.29	1.53	2.16	0.68	0.75	1.48	1.97	2.108	
March	1.99	3.97	2.08	0.91	2.58	2.26	2.73	1.80	2.28	3.81	2.441	
April	1.58	1.44	3.55	1.82	1.24	1.63	1.80	0.91	1.98	2.51	1.846	
May	2.64	3.47	1.65	1.05	2.23	1.94	5.51	1.64	0.94	3.10	2.417	
June	3.04	2.27	7.23	4.36	1.31	3.33	1.64	0.91	3.00	0.82	2.791	
July	6.85	2.74	5.27	3.14	3.83	1.79	5.28	1.16	6.47	3.52	4.005	
August	1.74	5.28	4.68	2.78	2.58	1.83	2.92	1.26	4.07	5.61	3.275	
September....	4.03	1.98	1.99	5.64	4.18	4.31	2.58	3.55	1.39	3.45	3.310	
October	2.84	2.85	3.78	5.16	2.26	5.71	5.15	2.27	1.37	2.44	3.383	
November....	3.51	3.71	6.18	3.45	1.87	2.81	2.73	1.53	4.29	2.26	3.234	
December	4.98	3.73	5.59	2.66	3.57	2.38	4.84	2.86	2.23	2.86	3.570	
TOTALS ...	(36.16)	37.04	47.72	36.72	31.21	32.33	41.64	20.88	31.49	33.69	34.888	

1880 Park Green used for purpose of averages

1887 Macclesfield Ch 1/2 mile S E

RAINFALL AT Macclesfield Park Green

80

Lat. Lon. County of Cheshire

Rain Gauge, by Observer W^r J Dale

upper mersey - 1.

Diameter	8											
Height	2.1											
Altitude	449 ⁷											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	71	46	273									
February	2.25	4.97	2.84									
March	1.99	3.85	2.03									
April	1.58	1.30	3.50									
May	2.64	3.90	1.63									
June	3.04	2.01	7.26									
July	6.85	2.74	5.26									
August	1.74	5.21	4.62									
September	4.03	1.97	1.97									
October	2.84	2.77	3.68									
November	3.51	3.91	6.03									
December	4.98	3.76	5.52									
TOTALS	36.16	36.85	47.07									

1880. Macclesfield $\frac{1}{2}$ mile N.
 Poplar tree 50ft high 40ft S.
 Building 20ft 20ft N.W.

RAINFALL AT *Macclesfield*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

M.S. & L.R. Co.

Upper Mersey - 1.

Diameter	9										
Height	3.6										
Altitude	539 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.73	.14	1.42	2.21	1.89	1.66	3.61	1.09	1.37	.89	1.501
February	1.52	3.68	1.91	1.59	.78	1.28	.37	.75	.87	1.17	1.392
March	1.28	2.91	1.43	.91	1.65	1.77	1.93	1.14	1.60	2.60	1.722
April	1.55	1.08	2.90	1.60	.80	1.29	1.02	.66	1.76	1.92	1.458
May	2.25	2.44	.96	.99	1.56	1.79	4.29	1.59	.57	3.02	1.946
June	2.63	1.55	5.94	3.74	1.30	2.56	1.27	.62	2.32	.67	2.260
July	5.62	2.27	3.84	2.80	2.99	1.13	4.31	.71	5.18	2.67	3.152
August	1.74	4.45	4.11	2.09	2.23	1.41	2.18	.91	3.04	4.60	2.676
September	3.93	1.61	1.48	4.39	2.33	2.91	2.01	2.67	1.19	3.12	2.564
October	1.73	1.80	3.09	4.35	1.88	4.65	3.71	1.71	1.12	1.92	2.596
November	2.65	2.04	5.01	2.42	1.25	1.93	1.89	1.08	2.91	1.83	2.301
December	4.64	2.81	3.69	2.10	2.81	1.81	3.71	2.45	1.63	2.04	2.769
TOTALS	30.27	26.78	35.78	29.19	21.47	24.19	30.30	15.38	23.56	26.45	26.337

1881 Record incorrect.

1882

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1883

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1884

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1885

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*N.B. Values rejected when Rainfall Survey Map.
prepared in Nov. 1928.*

RAINFALL AT *Knutsford Heathside*

80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *W. Taylor Esq.*

upper mersey - 1.

Diameter			5								
Height			1.	-							
Altitude			210								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...				3.44	3.71	1.77	5.04	2.33	1.58	1.19	
February ...				2.15	1.80	2.06	.85	.67	1.14	1.99	
March				1.17	2.34	1.75	2.06	1.75	1.94	3.30	
April				1.57	.97	1.77	1.89	1.15	1.47	2.57	
May			[#] 1.24	1.15	1.62	2.12	6.17	1.82	.64	2.66	
June			5.81	2.98	1.13	3.22	1.63	1.06	2.19	.66	
July			5.17	2.53	3.47	1.49	3.21	.92	4.92	4.39	
August			3.38	2.32	1.53	1.92	1.64	1.18	3.54	5.64	
September....			2.01	4.65	2.92	4.07	3.96	3.65	1.26	3.36	
October			3.43	4.76	1.74	5.70	4.96	2.35	1.20	2.90	
November....			5.84	3.59	2.33	2.88	2.30	1.29	4.45	2.35	
December			4.81	2.24	2.94	2.07	4.90	2.55	2.03	2.47	
TOTALS				32.55	26.50	30.82	38.61	20.72	26.36	33.48	

RAINFALL AT

Bollington, Spodden Hill

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer.

M.S. & L.R. Co.

upper mersey - 1.

Diameter	9											
Height	3. 6											
Altitude	1279 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.54	.44	2.14	4.15	3.83	2.22	4.83	1.48	1.68	1.17	2.248	
February	2.86	4.35	2.94	2.63	1.93	3.32	.59	.98	1.18	1.54	2.232	
March	2.11	4.20	1.47	.82	2.39	2.27	2.61	1.42	2.20	2.42	2.191	
April	1.82	1.11	3.16	1.75	1.15	1.85	1.30	.75	1.44	2.03	1.636	
May	2.53	3.52	1.46	.99	1.75	2.84	5.27	1.94	.56	2.75	2.361	
June	3.08	1.96	6.09	4.88	2.52	3.42	1.77	.48	2.11	.73	2.704	
July	5.39	1.95	6.16	4.15	3.68	1.84	4.50	.87	6.15	3.48	3.817	
August	1.83	5.31	3.12	2.88	1.87	1.87	2.51	1.51	3.30	5.10	2.930	
September	5.52	2.28	1.65	5.77	3.39	4.40	2.20	3.30	1.18	3.64	3.333	
October	3.18	3.16	3.62	4.88	2.09	6.59	5.00	2.15	1.17	3.27	3.511	
November	3.78	3.79	6.81	3.12	1.54	3.33	3.06	1.32	5.91	1.70	3.436	
December	4.59	3.71	4.34	3.62	3.86	1.92	5.25	2.77	2.34	2.65	3.505	
TOTALS	37.23	35.78	42.96	39.64	30.00	35.87	38.89	18.97	29.22	30.48	33.904	

N.B. Values rejected when Rainfall Survey Map prepared in Nov. 1928.

RAINFALL AT *Wilmslow Soughside*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

G. Pearson Esq

upper mersey - 1.

Diameter								8			
Height								2.0			
Altitude								255 T			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.65	.56	2.44	3.67	3.82	1.83	5.34	2.32	1.58	1.19	2.440
February	2.26	4.73	2.30	2.11	1.92	2.39	.74	.72	1.20	1.82	2.019
March	1.58	3.48	2.00	1.14	2.00	1.60	2.26	1.70	1.71	3.46	2.093
April	2.59	1.34	2.82	1.79	1.04	2.00	1.77	1.87	1.81	2.16	1.919
May	2.29	3.11	1.16	1.32	1.63	2.03	4.65	2.00	.63	2.65	2.147
June	3.85	2.54	5.83	4.01	1.38	3.66	2.03	1.18	3.14	.64	2.826
July	7.08	2.70	5.18	2.82	3.92	1.59	3.39	.94	5.55	4.09	3.726
August	2.83	4.41	3.29	2.57	1.36	1.65	1.97	1.50	3.76	5.59	2.893
September....	3.55	2.35	2.32	4.67	2.61	3.70	3.43	3.44	1.23	3.02	3.032
October	3.12	2.77	3.80	5.00	2.14	5.19	5.73	2.54	1.53	2.71	3.453
November....	3.62	3.08	6.07	3.50	1.68	2.71	2.74	1.32	4.42	2.03	3.117
December	5.17	3.69	4.74	2.35	3.44	2.10	4.57	2.81	2.41	2.37	3.365
TOTALS	39.59	34.76	41.95	34.95	26.94	30.45	38.62	22.34	28.97	31.73	33.030

1887 Wilmslow Church 1/2 mile NNE

Thermometer Stand 5' 6" high 7 ft 6 in N

RAINFALL AT Wilmslow Southside

80

Lat.

Lon.

County of

Cheshire

upper mersey - 1st
2nd Gauge

Rain Gauge, by

Observer

G Pearson Esq

Diameter . . .										8	
Height										1.0	
Altitude										255 T	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January										4 1.12	
February										1.89	
March										3.87	
April										2.29	
May										2.72	
June . . . . .										.81	
July										3.96	
August										5.37	
September										2.94	
October										2.81	
November										1.86	
December										2.17	
TOTALS										31.81	

Wilmslow Church 1/2 mile N
Thermometer Stand 5ft high 7ft S

RAINFALL AT *Wilmslow Poplar House* 80

Lat. Lon. County of *Cheshire*

Rain Gauge, by Observer *J Holden Esq*

Upper Mersey - 1.

Diameter			5								
Height			1.0								
Altitude			237							257 I	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				3.57	3.78	1.64	3.76	2.39	1.40	1.08	
February				2.15	1.81	2.53	1.02	.53	1.03	1.82	
March				1.01	2.14	2.01	2.20	1.56	1.63	3.39	
April				1.65	.92	1.58	1.84	1.65	1.83	2.12	
May				1.33	1.56	1.89	5.37	3.00	.58	2.71	
June				5.36	1.33	3.54	1.43	1.15	3.16	.74	
July				2.79	4.94	1.52	3.31	.89	5.33	3.57	
August			# 3.22	2.30	1.48	1.48	1.82	1.71	3.56	5.89	
September....			2.27	4.74	2.42	3.91	3.30	4.89	1.19	2.89	
October			3.88	5.00	2.59	5.31	5.57	2.29	1.52	2.66	
November....			5.68	4.91	1.68	2.66	2.47	1.28	3.87	1.76	
December			4.50	2.24	3.15	1.88	4.12	2.27	1.93	2.52	
TOTALS				37.05	27.80	29.95	36.21	23.61	27.03	31.15	

330

St. Bartholomew Church Wilmslow 500 yards N.W.
House 25ft high 27ft W.S.W to 25ft S.W.

Gauge dropped into socket of drain tile the rim being level with with top of socket. Raised 4 or 5 in. above socket at beginning of 1889.

RAINFALL AT

Whaley Bridge

80

Lat.

Lon.

County of Cheshire

Rain Gauge, by

Observer M. P. & L. R. Co

upper mercury - 1.

Diameter	9											
Height	3.6											
Altitude	602T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January....	.78	.54	3.81	5.14	5.62	3.07	5.92	2.58	2.27	1.62	3.135	
February....	3.51	6.06	3.82	3.59	3.05	3.50	.93	1.17	2.03	2.51	3.017	
March	3.14	4.20	2.65	1.66	3.14	2.99	3.34	2.11	2.88	4.34	3.045	
April	2.07	1.22	4.31	2.08	1.48	2.07	1.86	1.21	1.95	2.78	2.103	
May	2.94	3.80	1.79	1.34	2.45	3.10	6.16	2.52	1.01	2.93	2.804	
June	3.86	2.13	6.90	6.19	2.96	3.26	1.91	.46	2.27	.71	3.065	
July	5.40	2.13	6.77	4.17	4.55	2.00	4.37	1.03	5.91	4.04	4.037	
August	1.74	5.22	3.50	3.73	2.24	2.12	2.40	1.73	3.85	6.09	3.262	
September....	5.46	2.39	2.21	6.73	4.27	4.92	2.56	3.83	1.49	4.07	3.793	
October	4.86	3.79	3.89	5.96	3.42	7.77	5.29	2.58	1.74	3.87	4.317	
November....	4.62	3.51	8.56	4.09	2.23	3.58	2.98	1.69	6.66	2.12	4.004	
December....	5.82	4.03	5.93	4.45	4.49	3.01	6.98	3.41	2.52	3.53	4.417	
TOTALS	44.20	39.02	54.14	49.13	39.90	41.39	44.70	24.32	34.58	38.61	40.999	

RAINFALL AT *Lyme Park*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

*A. F. Bateman, Esq. F.R.S.**Wesley -1.*

Diameter												
Height												
Altitude	<i>680</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>0.71</i>	<i>0.43</i>	<i>4.60</i>	<i>7.48</i>	<i>7.07</i>	<i>3.72</i>	<i>7.08</i>	<i>2.50</i>	<i>1.87</i>	<i>1.91</i>	<i>3.737</i>	
February	<i>4.22</i>	<i>7.38</i>	<i>5.43</i>	<i>5.06</i>	<i>3.83</i>	<i>4.81</i>	<i>0.69</i>	<i>1.13</i>	<i>1.39</i>	<i>2.20</i>	<i>3.614</i>	
March	<i>1.78</i>	<i>6.01</i>	<i>3.28</i>	<i>1.21</i>	<i>3.45</i>	<i>2.78</i>	<i>4.05</i>	<i>1.97</i>	<i>2.66</i>	<i>3.87</i>	<i>3.106</i>	
April	<i>2.74</i>	<i>1.91</i>	<i>5.21</i>	<i>2.74</i>	<i>1.88</i>	<i>3.63</i>	<i>2.60</i>	<i>1.13</i>	<i>2.01</i>	<i>3.29</i>	<i>2.714</i>	
May	<i>3.38</i>	<i>5.20</i>	<i>3.00</i>	<i>1.40</i>	<i>2.81</i>	<i>3.29</i>	<i>9.11</i>	<i>3.28</i>	<i>1.06</i>	<i>3.63</i>	<i>3.616</i>	
June	<i>4.49</i>	<i>3.11</i>	<i>10.36</i>	<i>6.05</i>	<i>2.39</i>	<i>4.87</i>	<i>1.93</i>	<i>0.91</i>	<i>3.46</i>	<i>0.69</i>	<i>3.826</i>	
July	<i>8.96</i>	<i>3.78</i>	<i>8.77</i>	<i>4.96</i>	<i>6.08</i>	<i>2.30</i>	<i>6.29</i>	<i>1.48</i>	<i>8.23</i>	<i>4.77</i>	<i>5.562</i>	
August	<i>2.66</i>	<i>7.16</i>	<i>5.00</i>	<i>5.74</i>	<i>3.38</i>	<i>1.77</i>	<i>3.09</i>	<i>3.09</i>	<i>4.95</i>	<i>6.18</i>	<i>4.302</i>	
September....	<i>5.78</i>	<i>4.36</i>	<i>2.60</i>	<i>9.98</i>	<i>5.20</i>	<i>5.82</i>	<i>3.00</i>	<i>4.87</i>	<i>1.75</i>	<i>4.54</i>	<i>4.790</i>	
October.....	<i>3.91</i>	<i>5.49</i>	<i>5.08</i>	<i>7.71</i>	<i>3.37</i>	<i>9.85</i>	<i>7.92</i>	<i>3.03</i>	<i>2.10</i>	<i>4.64</i>	<i>5.310</i>	
November....	<i>4.78</i>	<i>6.21</i>	<i>10.05</i>	<i>5.70</i>	<i>3.41</i>	<i>5.00</i>	<i>3.75</i>	<i>2.08</i>	<i>8.49</i>	<i>2.47</i>	<i>5.194</i>	
December	<i>5.98</i>	<i>7.52</i>	<i>6.65</i>	<i>4.97</i>	<i>6.55</i>	<i>3.15</i>	<i>7.84</i>	<i>3.59</i>	<i>3.24</i>	<i>3.41</i>	<i>5.290</i>	
TOTALS	<i>49.39</i>	<i>58.56</i>	<i>70.03</i>	<i>63.00</i>	<i>49.42</i>	<i>50.99</i>	<i>57.35</i>	<i>29.06</i>	<i>41.21</i>	<i>41.60</i>	<i>51.061</i>	

*1881 Record incorrect. 1882+83 ditto**N.B. Values rejected when Rainfall Survey Map prepared in Nov. 1928*

RAINFALL AT

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

Miss Withington

n. mersey - 1.

Diameter					5	5					
Height					6	1.0					
Altitude					615B	620T					
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January					4.42	2.09	5.27				
February					2.78	2.91	.74				
March					2.43	2.46	2.83				
April					1.55	1.95	2.16				
May					1.86	2.94	6.10				
June					2.00	3.58	1.69				
July ..					5.24	1.72	4.21				
August					2.44	2.12	2.48				
September....					3.56	4.64	2.54				
October					3.02	7.53	5.16				
November....					1.83	2.86	2.75				
December					3.96	2.39	4.95				
TOTALS					35.09	37.19	40.88				

S^t Marys Church 200 yards S.S.

Wall 10ft. high 30ft. E.

Tree 15 ft " 24 ft N.E.

1886 New gauge started Jan. 1st

RAINFALL AT *Pancora, Weston Point* 2734 80

Lat. _____ Lon. _____ County of *Cheshire*
 Rain Gauge, by _____ Observer *L. B. Wells, Esq., C. E.*

upper mercury - 1.

Diameter	<i>4</i>											
Height	<i>2.4</i>											
Altitude	<i>18</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.91</i>	<i>.55</i>	<i>2.81</i>	<i>3.47</i>	<i>2.88</i>	<i>1.46</i>	<i>5.04</i>	<i>2.65</i>	<i>1.76</i>	<i>.82</i>	<i>2.235</i>	
February	<i>1.54</i>	<i>3.95</i>	<i>2.69</i>	<i>1.97</i>	<i>2.32</i>	<i>2.17</i>	<i>.94</i>	<i>.45</i>	<i>.82</i>	<i>1.96</i>	<i>1.881</i>	
March	<i>1.79</i>	<i>3.64</i>	<i>2.55</i>	<i>1.62</i>	<i>1.09</i>	<i>2.29</i>	<i>2.06</i>	<i>1.15</i>	<i>2.51</i>	<i>1.78</i>	<i>2.048</i>	
April	<i>1.32</i>	<i>2.13</i>	<i>3.95</i>	<i>1.15</i>	<i>1.28</i>	<i>2.15</i>	<i>1.38</i>	<i>.50</i>	<i>.63</i>	<i>2.66</i>	<i>1.715</i>	
May	<i>2.90</i>	<i>4.18</i>	<i>1.99</i>	<i>.84</i>	<i>1.98</i>	<i>1.78</i>	<i>6.69</i>	<i>2.06</i>	<i>.50</i>	<i>2.12</i>	<i>2.504</i>	
June	<i>3.62</i>	<i>2.50</i>	<i>5.94</i>	<i>3.28</i>	<i>2.45</i>	<i>3.75</i>	<i>3.37</i>	<i>.94</i>	<i>2.68</i>	<i>.37</i>	<i>2.890</i>	
July	<i>5.83</i>	<i>3.13</i>	<i>4.56</i>	<i>3.83</i>	<i>3.33</i>	<i>2.70</i>	<i>2.89</i>	<i>1.27</i>	<i>5.80</i>	<i>3.13</i>	<i>3.647</i>	
August	<i>2.48</i>	<i>5.07</i>	<i>3.50</i>	<i>2.21</i>	<i>2.60</i>	<i>2.38</i>	<i>1.44</i>	<i>2.62</i>	<i>2.87</i>	<i>4.49</i>	<i>2.966</i>	
September....	<i>2.95</i>	<i>2.16</i>	<i>3.91</i>	<i>6.78</i>	<i>3.46</i>	<i>4.36</i>	<i>4.56</i>	<i>4.52</i>	<i>.69</i>	<i>3.28</i>	<i>3.667</i>	
October	<i>6.41</i>	<i>3.75</i>	<i>3.72</i>	<i>7.38</i>	<i>1.28</i>	<i>7.98</i>	<i>5.17</i>	<i>2.04</i>	<i>1.05</i>	<i>2.63</i>	<i>4.141</i>	
November....	<i>3.89</i>	<i>3.21</i>	<i>5.17</i>	<i>4.30</i>	<i>1.96</i>	<i>3.60</i>	<i>3.39</i>	<i>1.25</i>	<i>5.47</i>	<i>2.51</i>	<i>3.475</i>	
December	<i>6.57</i>	<i>3.69</i>	<i>6.37</i>	<i>1.85</i>	<i>2.93</i>	<i>1.70</i>	<i>5.26</i>	<i>3.06</i>	<i>2.16</i>	<i>2.69</i>	<i>3.628</i>	
TOTALS	<i>40.21</i>	<i>37.96</i>	<i>47.16</i>	<i>38.68</i>	<i>27.56</i>	<i>36.32</i>	<i>42.19</i>	<i>22.57</i>	<i>26.94</i>	<i>28.44</i>	<i>34.797</i>	

RAINFALL AT *Appleton Hall Cliffe [Warrington]*

80

Lat. Lon. County of *Cheshire*
 Rain Gauge, by Observer *J. Marsden Esq.*

Upper Mersey - 1.

Diameter			5								
Height			1	-							
Altitude				159	↑						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...				3.85	3.36	1.53	4.56	2.69	1.65	.99	
February ...				1.84	2.29	2.44	.90	.52	1.08	2.48	
March				1.23	1.98	2.08	2.09	1.52	2.43	2.32	
April				1.45	1.04	1.53	1.60	.92	1.01	2.51	
May				1.95	.90	1.76	2.07	7.10	1.91	.75	3.06
June				5.23	3.54	1.30	2.63	2.07	1.16	2.70	.92
July				4.36	3.32	3.69	1.58	3.27	.92	7.22	3.39
August				3.28	2.28	1.89	2.15	1.62	2.07	2.78	5.00
September ...				2.12	5.12	2.50	3.75	4.61	3.84	1.08	3.06
October				3.41	5.03	1.27	5.67	5.10	2.47	1.28	2.71
November ...				5.61	3.12	2.08	3.00	2.63	1.46	5.05	2.67
December				4.70	1.90	3.09	1.95	4.56	3.00	1.97	2.52
TOTALS				33.58	26.25	30.38	40.11	22.48	29.00	31.63	

1883. *Stockton Heath Church 1 m. N.*
Thorn Hedge 5 1/2 m. N.
 1889 Gauge moved Dec 28th 18 ft W

RAINFALL AT *Lymm, Agden Hall* 80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *D. A. Davies, Esq.*

D. Knight

upper mercury - 1.

Diameter	<i>5</i>	<i>5</i>									
Height	<i>1.0</i>	<i>1.0</i>									
Altitude	<i>190</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.58</i>	<i>.51</i>	<i>2.55</i>	<i>3.90</i>	<i>3.77</i>	<i>1.88</i>	<i>3.87</i>	<i>1.30</i>			
February	<i>1.91</i>	<i>4.34</i>	<i>2.54</i>	<i>1.75</i>	<i>2.30</i>	<i>2.13</i>	<i>.90</i>	<i>.43</i>			
March	<i>1.87</i>	<i>3.39</i>	<i>1.73</i>	<i>1.10</i>	<i>2.36</i>	<i>1.77</i>	<i>1.02</i>	<i>1.73</i>			
April	<i>1.09</i>	<i>1.21</i>	<i>3.63</i>	<i>1.86</i>	<i>1.13</i>	<i>1.81</i>	<i>.82</i>	<i>.90</i>			
May	<i>2.32</i>	<i>3.78</i>	<i>1.40</i>	<i>1.06</i>	<i>1.75</i>	<i>1.92</i>	<i>6.18</i>	<i>1.38</i>			
June	<i>2.93</i>	<i>2.25</i>	<i>6.13</i>	<i>3.86</i>	<i>1.01</i>	<i>2.85</i>	<i>1.54</i>	<i>1.15</i>			
July	<i>5.29</i>	<i>3.10</i>	<i>4.45</i>	<i>2.70</i>	<i>3.47</i>	<i>1.20</i>	<i>2.08</i>	<i>.24</i>			
August	<i>2.40</i>	<i>5.56</i>	<i>3.22</i>	<i>2.57</i>	<i>1.54</i>	<i>1.96</i>	<i>1.75</i>	<i>1.60</i>			
September	<i>4.22</i>	<i>2.12</i>	<i>2.17</i>	<i>4.88</i>	<i>2.76</i>	<i>4.75</i>	<i>2.11</i>	<i>3.37</i>			
October	<i>3.50</i>	<i>3.23</i>	<i>3.48</i>	<i>5.24</i>	<i>1.83</i>	<i>4.68</i>	<i>3.89</i>	<i>1.72</i>			
November	<i>3.30</i>	<i>3.25</i>	<i>6.20</i>	<i>3.55</i>	<i>2.20</i>	<i>3.07</i>	<i>1.77</i>	<i>1.73</i>			
December	<i>5.54</i>	<i>4.90</i>	<i>5.22</i>	<i>2.18</i>	<i>3.29</i>	<i>1.34</i>	<i>3.44</i>	<i>2.58</i>			
TOTALS	<i>34.95</i>	<i>36.64</i>	<i>42.72</i>	<i>34.65</i>	<i>27.41</i>	<i>29.36</i>	<i>29.37</i>	<i>18.13</i>	<i>91. R.</i>		

1880. Bollington Church, 1½ mile N.E.
1882 Pear trees 8ft high 30ft NW.

RAINFALL AT *Thelwall, Highfields*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

J. G. Rylands, Esq

upper mercury - 1.

Diameter	<i>5</i>											
Height	<i>1.0</i>											
Altitude	<i>118</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.53</i>	<i>.51</i>	<i>2.53</i>	<i>3.65</i>	<i>3.22</i>	<i>1.53</i>	<i>4.22</i>	<i>2.12</i>	<i>1.41</i>	<i>1.07</i>	<i>2.079</i>	
February	<i>1.74</i>	<i>4.04</i>	<i>2.09</i>	<i>1.72</i>	<i>2.22</i>	<i>2.44</i>	<i>.90</i>	<i>.49</i>	<i>.70</i>	<i>1.77</i>	<i>1.811</i>	
March	<i>1.72</i>	<i>3.01</i>	<i>1.67</i>	<i>1.23</i>	<i>2.21</i>	<i>1.96</i>	<i>1.71</i>	<i>1.57</i>	<i>1.97</i>	<i>1.90</i>	<i>1.889</i>	
April	<i>1.10</i>	<i>1.17</i>	<i>3.33</i>	<i>1.62</i>	<i>.96</i>	<i>1.30</i>	<i>1.48</i>	<i>.85</i>	<i>1.03</i>	<i>2.40</i>	<i>1.524</i>	
May	<i>2.23</i>	<i>3.20</i>	<i>1.74</i>	<i>.81</i>	<i>1.65</i>	<i>1.90</i>	<i>5.98</i>	<i>1.96</i>	<i>.64</i>	<i>2.95</i>	<i>2.306</i>	
June	<i>2.89</i>	<i>2.14</i>	<i>5.06</i>	<i>4.03</i>	<i>1.02</i>	<i>2.53</i>	<i>1.66</i>	<i>1.18</i>	<i>2.51</i>	<i>1.09</i>	<i>2.411</i>	
July	<i>4.24</i>	<i>3.45</i>	<i>4.84</i>	<i>2.75</i>	<i>2.85</i>	<i>1.42</i>	<i>2.68</i>	<i>.99</i>	<i>5.53</i>	<i>3.90</i>	<i>3.265</i>	
August	<i>2.28</i>	<i>3.83</i>	<i>2.89</i>	<i>1.93</i>	<i>1.63</i>	<i>1.87</i>	<i>1.72</i>	<i>1.76</i>	<i>2.79</i>	<i>5.06</i>	<i>2.576</i>	
September	<i>3.34</i>	<i>2.00</i>	<i>1.85</i>	<i>4.83</i>	<i>2.77</i>	<i>3.91</i>	<i>4.37</i>	<i>4.32</i>	<i>.99</i>	<i>2.67</i>	<i>3.105</i>	
October	<i>3.48</i>	<i>2.68</i>	<i>3.03</i>	<i>4.92</i>	<i>1.43</i>	<i>5.38</i>	<i>5.15</i>	<i>1.98</i>	<i>1.10</i>	<i>2.68</i>	<i>3.203</i>	
November	<i>3.50</i>	<i>2.84</i>	<i>5.15</i>	<i>3.03</i>	<i>1.84</i>	<i>2.89</i>	<i>2.21</i>	<i>1.14</i>	<i>4.75</i>	<i>2.58</i>	<i>2.993</i>	
December	<i>5.39</i>	<i>3.65</i>	<i>4.06</i>	<i>1.92</i>	<i>2.90</i>	<i>1.60</i>	<i>4.09</i>	<i>2.61</i>	<i>1.92</i>	<i>2.30</i>	<i>3.044</i>	
TOTALS	<i>32.44</i>	<i>32.72</i>	<i>38.24</i>	<i>32.44</i>	<i>24.70</i>	<i>28.73</i>	<i>36.17</i>	<i>20.91</i>	<i>25.34</i>	<i>30.37</i>	<i>30.206</i>	

RAINFALL AT *Thelwall, Highfield* 80

Lat. _____ Lon. _____ County of *Cheshire*
Snowdon Rain Gauge, by _____ Observer *T. G. Rylands, Esq.*

upper measey - 1. *Monthly*

Diameter	<i>5</i>											
Height	<i>1.0</i>											
Altitude	<i>118</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.55</i>	<i>.36</i>	<i>2.54</i>	<i>3.67</i>	<i>3.22</i>	<i>1.53</i>	<i>4.22</i>	<i>2.08</i>	<i>1.24</i>	<i>1.07</i>	<i>2.048</i>	
February	<i>1.74</i>	<i>4.09</i>	<i>2.12</i>	<i>1.74</i>	<i>2.25</i>	<i>2.43</i>	<i>.90</i>	<i>.49</i>	<i>.68</i>	<i>1.77</i>	<i>1.821</i>	
March	<i>1.75</i>	<i>3.07</i>	<i>1.72</i>	<i>1.22</i>	<i>2.21</i>	<i>1.96</i>	<i>1.72</i>	<i>1.57</i>	<i>1.97</i>	<i>1.90</i>	<i>1.903</i>	
April	<i>1.09</i>	<i>1.17</i>	<i>3.33</i>	<i>1.61</i>	<i>.97</i>	<i>1.32</i>	<i>1.48</i>	<i>.84</i>	<i>1.01</i>	<i>2.40</i>	<i>1.522</i>	
May	<i>2.22</i>	<i>3.25</i>	<i>1.73</i>	<i>.81</i>	<i>1.66</i>	<i>1.90</i>	<i>6.00</i>	<i>1.95</i>	<i>.64</i>	<i>2.93</i>	<i>2.309</i>	
June	<i>2.88</i>	<i>2.15</i>	<i>5.14</i>	<i>4.02</i>	<i>1.02</i>	<i>2.54</i>	<i>1.68</i>	<i>1.18</i>	<i>2.50</i>	<i>1.08</i>	<i>2.419</i>	
July	<i>4.24</i>	<i>3.52</i>	<i>4.84</i>	<i>2.75</i>	<i>2.85</i>	<i>1.40</i>	<i>2.67</i>	<i>1.00</i>	<i>5.50</i>	<i>3.88</i>	<i>3.265</i>	
August	<i>2.29</i>	<i>3.82</i>	<i>2.95</i>	<i>1.93</i>	<i>1.62</i>	<i>1.91</i>	<i>1.70</i>	<i>1.74</i>	<i>2.78</i>	<i>5.03</i>	<i>2.577</i>	
September....	<i>3.37</i>	<i>2.02</i>	<i>1.90</i>	<i>4.84</i>	<i>2.76</i>	<i>3.87</i>	<i>4.38</i>	<i>4.30</i>	<i>.99</i>	<i>2.73</i>	<i>3.116</i>	
October	<i>3.47</i>	<i>2.87</i>	<i>3.07</i>	<i>4.97</i>	<i>1.46</i>	<i>5.38</i>	<i>5.15</i>	<i>1.92</i>	<i>1.11</i>	<i>2.66</i>	<i>3.206</i>	
November	<i>3.56</i>	<i>2.90</i>	<i>5.15</i>	<i>3.06</i>	<i>1.90</i>	<i>2.89</i>	<i>2.22</i>	<i>1.12</i>	<i>4.67</i>	<i>2.57</i>	<i>3.004</i>	
December	<i>5.41</i>	<i>3.62</i>	<i>4.06</i>	<i>1.94</i>	<i>2.90</i>	<i>1.66</i>	<i>4.07</i>	<i>2.60</i>	<i>1.94</i>	<i>2.31</i>	<i>3.051</i>	
TOTALS	<i>32.57</i>	<i>32.84</i>	<i>38.55</i>	<i>32.56</i>	<i>24.82</i>	<i>28.79</i>	<i>36.19</i>	<i>20.73</i>	<i>25.03</i>	<i>30.33</i>	<i>30.241</i>	

Grapenhall Church 1 mile W.S.W

RAINFALL AT *Thelwall, Millington House*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

L. W. Reynolds Esq.

upper mersey - 1.

Diameter					5						
Height					1.0						
Altitude					90			85		82 ↑	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January					3.32	1.64	4.65	2.75	1.57	1.16	
February					2.35	2.64	1.00	.58	.93	2.18	
March					2.32	2.19	1.93	1.74	2.26	2.17	
April					1.11	1.41	1.62	.94	1.06	2.53	
May					1.77	2.11	6.36	2.09	.72	2.91	
June					1.50	2.65	1.71	1.28	2.61	1.05	
July					3.25	1.57	2.80	.87	5.43	3.85	
August					1.74	1.94	1.79	1.78	2.81	5.09	
September....					2.78	4.07	4.81	4.44	.99	2.78	
October					1.56	5.57	5.46	2.13	1.20	2.76	
November....					2.26	3.02	2.49	1.18	4.85	2.48	
December					3.08	1.82	4.40	2.86	2.05	2.54	
TOTALS					27.04	30.63	39.02	22.64	26.48	31.50	

Grappenhall Church 1/2 mile W
1889 Thelwall Church 1/2 . NE

RAINFALL AT

Thelwall Massey Hall

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

L. G. Rylands Esq.

upper mercy - 1.

Diameter						5					
Height						1.0					
Altitude						110 B		100 B			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						1.60	4.46	2.40	1.53		
February						2.63	1.00	.67	.74		
March						2.02	1.69	1.62	1.96		
April						1.29	1.54	.92	1.17		
May						2.03	5.97	2.02	.74		
June						2.56	1.79	1.25	2.51		
July						1.39	2.83	.98	5.49		
August						1.96	1.81	1.78	2.87		
September....						3.98	4.40	4.43	1.06		
October						5.72	5.29	2.06	1.22		
November....						2.95	2.34	1.03	4.85		
December						1.75	4.25	2.85	2.07		
TOTALS						29.88	37.37	22.01	26.21		

Thelwall Church 1 mile N.W.

1885

Shrub 4 ft high 15 ft S.W.

RAINFALL AT *Lymm, Statham Lodge*

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *J. Stubs, Esq*

Upper mercury -1.

Daily

Diameter	<i>5</i>											
Height	<i>1.0</i>											
Altitude	<i>42 ft</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.54</i>	<i>.60</i>	<i>2.43</i>	<i>3.89</i>	<i>3.41</i>	<i>1.54</i>	<i>4.46</i>	<i>2.53</i>	<i>1.32</i>	<i>1.05</i>	<i>2.177</i>	
February	<i>1.74</i>	<i>4.25</i>	<i>2.00</i>	<i>1.69</i>	<i>2.50</i>	<i>2.59</i>	<i>.84</i>	<i>.57</i>	<i>.67</i>	<i>1.83</i>	<i>1.862</i>	
March	<i>1.87</i>	<i>2.89</i>	<i>1.96</i>	<i>1.17</i>	<i>2.23</i>	<i>1.97</i>	<i>1.88</i>	<i>1.61</i>	<i>1.91</i>	<i>2.06</i>	<i>1.955</i>	
April	<i>1.01</i>	<i>1.10</i>	<i>3.32</i>	<i>1.67</i>	<i>.95</i>	<i>1.28</i>	<i>1.58</i>	<i>.89</i>	<i>1.02</i>	<i>2.21</i>	<i>1.503</i>	
May	<i>2.22</i>	<i>3.28</i>	<i>2.17</i>	<i>.84</i>	<i>1.73</i>	<i>2.22</i>	<i>5.88</i>	<i>1.82</i>	<i>.70</i>	<i>2.95</i>	<i>2.381</i>	
June	<i>2.91</i>	<i>1.88</i>	<i>5.17</i>	<i>4.16</i>	<i>1.02</i>	<i>2.65</i>	<i>1.67</i>	<i>1.25</i>	<i>2.48</i>	<i>1.39</i>	<i>2.458</i>	
July	<i>4.06</i>	<i>3.65</i>	<i>4.62</i>	<i>2.42</i>	<i>3.20</i>	<i>1.40</i>	<i>2.75</i>	<i>.90</i>	<i>5.23</i>	<i>3.53</i>	<i>3.176</i>	
August	<i>2.39</i>	<i>3.92</i>	<i>2.93</i>	<i>2.00</i>	<i>1.63</i>	<i>1.80</i>	<i>1.69</i>	<i>1.43</i>	<i>2.79</i>	<i>5.20</i>	<i>2.578</i>	
September	<i>3.44</i>	<i>2.03</i>	<i>2.04</i>	<i>4.66</i>	<i>2.80</i>	<i>3.91</i>	<i>4.47</i>	<i>4.39</i>	<i>1.01</i>	<i>2.62</i>	<i>3.137</i>	
October	<i>3.27</i>	<i>3.04</i>	<i>3.36</i>	<i>4.93</i>	<i>1.61</i>	<i>5.71</i>	<i>5.05</i>	<i>1.99</i>	<i>1.17</i>	<i>2.61</i>	<i>3.274</i>	
November	<i>3.36</i>	<i>2.83</i>	<i>5.41</i>	<i>3.20</i>	<i>1.97</i>	<i>2.87</i>	<i>2.28</i>	<i>1.12</i>	<i>4.83</i>	<i>2.06</i>	<i>2.993</i>	
December	<i>5.50</i>	<i>3.48</i>	<i>4.67</i>	<i>1.93</i>	<i>3.03</i>	<i>1.69</i>	<i>4.10</i>	<i>2.50</i>	<i>2.00</i>	<i>2.21</i>	<i>3.111</i>	
TOTALS	<i>32.31</i>	<i>32.95</i>	<i>40.08</i>	<i>32.56</i>	<i>26.08</i>	<i>29.63</i>	<i>36.65</i>	<i>20.94</i>	<i>25.13</i>	<i>29.72</i>	<i>30.605</i>	

1880. Lymm Church 1 1/4 mile E.
1882 Currant Bush 4 ft high 10 ft S

RAINFALL AT Lynn Statham Lodge

80

Lat.

Lon. County of Cheshire

Rain Gauge, by

Observer P. Stubbs Esq.

upper mersey - 1.

Monthly

Diameter				5							
Height				1.	-						
Altitude				42	π						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				3.82	3.45	1.54	4.47	2.61	1.38	1.06	
February			#	2.07	1.79	2.54	2.62	.85	.52	.71	1.87
March				1.96	1.26	2.27	2.03	1.96	1.65	1.94	2.10
April				3.35	1.73	.97	1.29	1.62	.89	1.07	2.28
May				2.22	.90	1.75	2.25	5.87	1.81	.70	2.99
June				5.22	4.31	1.02	2.65	1.69	1.25	2.52	1.41
July				4.64	2.52	3.26	1.41	2.80	.93	5.26	3.52
August				2.97	1.96	1.66	1.85	1.71	1.43	2.82	5.20
September ...				2.04	4.70	2.82	3.92	4.47	4.41	1.01	2.65
October				3.36	4.96	1.62	5.75	5.10	2.05	1.19	2.64
November				5.44	3.26	1.99	3.00	2.28	1.13	4.87	2.13
December				4.69	1.95	3.02	1.69	4.13	2.49	2.10	2.28
TOTALS				33.16	26.37	30.00	36.95	21.17	25.57	30.13	

Lynn Church 1 1/4 mile E

1884

Currant bushes 4ft high 10ft S.

RAINFALL AT Bowdon The Firs 80

Lat.

Lon.

County of

Cheshire

Snowdon Rain Gauge, by

Observer

R Swindells, Esq, C.E.

upper meny - 1.

Diameter		5									
Height		0.8									
Altitude		215 ft									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	#	3.1	2.28	3.85	3.14	1.91	4.56	2.46	1.46	1.05	
February		4.38	2.34	1.74	2.11	2.39	.68	.61	.87	2.89	
March		3.38	1.69	1.13	2.36	2.01	2.10	1.73	1.64	1.88	
April		1.19	3.11	1.75	.98	1.19	1.74	1.35	1.41	2.29	
May		3.54	1.32	.88	1.51	2.27	6.47	2.16	.52	3.23	
June		2.11	6.00	3.59	1.26	2.93	1.68	1.20	2.67	.58	
July		3.11	5.02	2.83	3.11	1.17	4.10	.94	5.02	3.09	
August		4.95	3.08	2.27	1.74	1.53	1.68	1.39	3.07	6.09	
September		2.16	1.86	4.67	2.92	4.29	4.58	3.51	1.09	2.61	
October		2.90	3.36	5.24	1.86	5.80	5.53	2.44	1.31	2.63	
November		3.22	5.55	3.28	1.90	2.85	2.25	1.08	4.79	1.94	
December		4.28	4.46	2.30	3.13	1.84	4.05	2.39	2.11	2.31	
TOTALS		35.63	40.07	33.53	26.02	30.18	39.42	21.26	25.96	30.59	

Bowdon 130 yards S

Bushes 12 ft high 30 to 45 ft NW.

RAINFALL AT *Bowdon The Firs* 80

Lat. Lon. County of *Chester*
 Rain Gauge, by Observer *P Swindells Esq, C.E.*

upper maney - 1.

Diameter	<i>8</i>											
Height	<i>1. 3</i>											
Altitude	<i>218 ft</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ...	<i>63</i>	<i>26</i>										
February ...	<i>2.06</i>	<i>4.04</i>										
March	<i>2.09</i>	<i>3.23</i>										
April	<i>.93</i>	<i>1.15</i>										
May	<i>2.30</i>	<i>3.51</i>										
June	<i>3.00</i>	<i>1.92</i>										
July	<i>5.07</i>	<i>(3.05)</i>										
August	<i>2.18</i>	<i>4.81</i>										
September ...	<i>3.89</i>	<i>1.98</i>										
October	<i>2.99</i>	<i>(2.62)</i>										
November	<i>3.32</i>	<i>(2.85)</i>										
December	<i>5.31</i>	<i>4.44</i>										
TOTALS	<i>33.77</i>	<i>(33.86)</i>										

1880. Bowdon 120 yards S.
1881 July Oct. & Nov. doubtful
1882 Record imperfect

RAINFALL AT *Bowdon, Ecclesdene*

80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *J. Sidebotham, Esq.*

Upper mersey - 1.

Diameter	8											
Height	6			9								
Altitude	211 $\overline{\text{ft}}$											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.69	.31	2.24	3.91	2.93							
February	2.09	4.39	2.45	1.56	1.69							
March	2.09	3.37	1.32	1.14	2.19							
April .....	.77	1.12	3.72	1.66	.97							
May	2.45	3.52	.82	.80	1.50							
June	3.16	2.06	5.84	3.47	1.19							
July	5.14	3.52	4.86	2.57	2.46							
August	2.31	4.22	2.80	2.12	1.50							
September	3.75	2.10	2.98	4.49	2.90							
October	3.34	2.81	3.40	5.11	1.78							
November	2.74	2.66	4.08	3.18	2.23							
December	5.32	4.73	5.36	2.07	2.57 $\overline{\text{ft}}$							
TOTALS	33.85	34.81	39.87	32.08	23.91							

1880. St. Mary's, Bowdon

$\frac{1}{4}$ mile
500 yards S.E.

RAINFALL AT Bowdon (Ecclesdene) 80

Lat. _____ Lon. _____ County of Cheshire

Rain Gauge, by _____ Observer J. Sidebotham Esq.

upper mersey - 1.

Diameter				5							
Height											
Altitude				211 π							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS				32.34							

RAINFALL AT *Altrincham* *Barrington St.* 80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *J. Newton, Esq. C.E.*

upper measey - 1.

Diameter	<i>8</i>											
Height	<i>3.0</i>									<i>1. -</i>		
Altitude	<i>105 ft</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.80</i>	<i>.43</i>	<i>2.65</i>	<i>3.85</i>	<i>4.35</i>	<i>1.52</i>	<i>4.55</i>	<i>2.40</i>	<i>1.48</i>	<i>1.55</i>	<i>2.358</i>	
February	<i>2.40</i>	<i>5.20</i>	<i>2.73</i>	<i>1.75</i>	<i>2.10</i>	<i>2.40</i>	<i>.41</i>	<i>.61</i>	<i>1.02</i>	<i>1.93</i>	<i>2.055</i>	
March	<i>2.24</i>	<i>4.03</i>	<i>1.75</i>	<i>1.10</i>	<i>2.61</i>	<i>2.07</i>	<i>2.22</i>	<i>1.61</i>	<i>1.65</i>	<i>3.07</i>	<i>2.235</i>	
April	<i>1.18</i>	<i>1.37</i>	<i>3.66</i>	<i>1.82</i>	<i>.72</i>	<i>1.08</i>	<i>1.58</i>	<i>1.40</i>	<i>1.42</i>	<i>2.43</i>	<i>1.666</i>	
May	<i>2.50</i>	<i>3.54</i>	<i>1.22</i>	<i>.77</i>	<i>1.72</i>	<i>2.06</i>	<i>6.62</i>	<i>2.37</i>	<i>.72</i>	<i>3.68</i>	<i>2.520</i>	
June	<i>4.45</i>	<i>2.12</i>	<i>6.07</i>	<i>3.32</i>	<i>1.12</i>	<i>3.14</i>	<i>1.72</i>	<i>1.18</i>	<i>2.97</i>	<i>.94</i>	<i>2.703</i>	
July	<i>6.90</i>	<i>3.41</i>	<i>4.50</i>	<i>2.93</i>	<i>3.06</i>	<i>1.33</i>	<i>5.22</i>	<i>.93</i>	<i>5.70</i>	<i>3.35</i>	<i>3.733</i>	
August	<i>2.55</i>	<i>5.00</i>	<i>2.97</i>	<i>2.49</i>	<i>1.72</i>	<i>1.62</i>	<i>1.80</i>	<i>1.74</i>	<i>3.60</i>	<i>(6.44)</i>	<i>2.993</i>	
September	<i>4.46</i>	<i>2.15</i>	<i>2.10</i>	<i>4.80</i>	<i>3.00</i>	<i>4.55</i>	<i>4.28</i>	<i>3.56</i>	<i>1.23</i>	<i>(3.02)</i>	<i>3.315</i>	
October	<i>3.16</i>	<i>2.88</i>	<i>3.27</i>	<i>5.67</i>	<i>2.10</i>	<i>6.05</i>	<i>5.85</i>	<i>2.50</i>	<i>1.60</i>	<i>(2.94)</i>	<i>3.602</i>	
November	<i>3.36</i>	<i>3.45</i>	<i>5.70</i>	<i>3.70</i>	<i>1.86</i>	<i>3.15</i>	<i>2.60</i>	<i>1.06</i>	<i>5.15</i>	<i>(2.12)</i>	<i>3.215</i>	
December	<i>5.74</i>	<i>4.02</i>	<i>4.63</i>	<i>2.36</i>	<i>2.77</i>	<i>2.25</i>	<i>3.85</i>	<i>2.70</i>	<i>2.42</i>	<i>(2.39)</i>	<i>3.313</i>	
TOTALS	<i>39.74</i>	<i>37.60</i>	<i>41.25</i>	<i>34.56</i>	<i>27.13</i>	<i>31.22</i>	<i>40.70</i>	<i>22.06</i>	<i>28.96</i>	<i>(33.86)</i>	<i>(33.708)</i>	

1889 Aug - Dec? Readings of the gauge reduced by 10% the umbrella having come off the funnel.

RAINFALL AT *Altrincham Norman's Place*

Lat. Lon. County of *Cheshire* *Cheshire*
 Rain Gauge, by Observer *A Griffith, Esq.*

upper massey - 1.

Diameter	5											
Height	1. -											
Altitude	150 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	0.58	0.35	2.40	4.18	4.27	2.20	5.25	2.75	1.43	1.27	2.468	
February	2.08	4.35	2.25	2.14	2.35	2.72	0.84	1.08	0.98	2.38	2.117	
March	2.12	3.37	1.97	1.28	2.68	1.69	2.73	1.82	1.77	3.28	2.271	
April	1.09	1.15	3.65	1.90	1.15	1.86	1.88	1.50	1.38	2.19	1.775	
May	2.30	3.48	1.38	1.08	1.66	2.51	6.58	2.30	0.68	3.29	2.526	
June	3.03	1.99	6.35	3.49	1.33	3.24	2.17	1.46	3.03	1.22	2.731	
July	5.62	2.05	4.90	3.44	3.17	1.40	4.95	1.11	5.53	2.97	3.514	
August	2.10	4.38	3.30	2.61	1.85	1.47	1.95	1.54	3.32	6.66	2.918	
September	4.05	1.75	2.30	4.85	3.38	4.61	5.11	4.19	1.04	2.61	3.389	
October	2.28	2.55	3.60	5.86	2.23	6.55	6.26	2.81	1.39	3.01	3.654	
November	2.97	2.60	6.50	3.84	2.60	3.26	2.72	1.19	4.85	2.18	3.271	
December	4.91	4.60	5.38	2.38	3.27	2.05	4.42	2.66	2.32	2.31	3.430	
TOTALS	33.13	32.62	43.98	37.05	29.94	33.56	44.86	24.41	27.72	33.37	34.064	

St. Margaret's Dunham Massey 1/4 mile NW
Tree 12 ft high 36 ft NW
Wall 8 ft 45 ft E

RAINFALL AT Stockport Cheadle Hulme 80

Lat. Lon. County of Cheshire

Rain Gauge, by Observer R. A. Grundy Esq.

upper masonry - 1.

Diameter			5								
Height			11	1.0					1. -		
Altitude				1965					196 142		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January			2.00	4.07	2.97	1.42	3.75	1.75	1.17	1.01	
February			2.40	1.82	2.15	2.22	.81	.40	.86	1.75	
March			1.45	.87	1.79	1.90	1.72	1.54	1.45	3.02	
April			2.59	1.86	1.09	1.08	1.86	1.13	1.56	2.46	
May			1.26	1.20	1.37	1.83	4.95	1.82	.82	3.02	
June			5.37	4.68	.70	3.19	1.14	.91	2.45	.74	
July			4.23	2.67	3.55	1.07	2.90	.72	# 5.08	# 2.67	
August			3.35	1.67	1.36	1.35	2.26	1.29	2.94	5.60	
September			2.79	4.43	2.59	3.61	3.09	2.94	1.18	2.46	
October			2.88	4.17	1.91	5.21	5.17	1.93	1.51	2.61	
November			5.59	2.57	1.51	2.44	2.20	.89	4.07	1.73	
December			3.40	2.59	2.81	1.56	3.61	2.09	1.97	2.16	
TOTALS			37.31	32.60	23.80	27.08	33.46	17.41		29.23	

1884 Cheadle Church 1 mile N.W.

House 35ft S.W.

1888 June, end of (24th) Gauge moved to Cheadle, Hartmill 1 mile S.W.

Cheadle Church 200 yards E.

House 2 story 28ft E

N. B. annual values, 1882-87, rejected from Survey, 1928.

RAINFALL AT

Stockport, Cheadle

80

Lat.....

Lon.....

County of

Chester

Rain Gauge, by.....

Observer

R. Mackillan

Upper Mersey - 1.

Diameter											
Height											
Altitude											
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September.....											
October											
November.....											
December											
TOTALS	34.24										

'80 from Hord Frost Report

RAINFALL AT *Marple Top Lock*

80

Lat.

Lon. County of *Cheshire*

Rain Gauge, by

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

upper mercury - 1

Diameter	<i>9</i>											
Height	<i>3.6</i>											
Altitude	<i>543 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.48</i>	<i>.41</i>	<i>2.78</i>	<i>4.11</i>	<i>4.34</i>	<i>1.59</i>	<i>5.99</i>	<i>1.82</i>	<i>1.85</i>	<i>1.66</i>	<i>2.503</i>	
February	<i>2.97</i>	<i>5.02</i>	<i>3.21</i>	<i>2.38</i>	<i>2.42</i>	<i>2.50</i>	<i>.67</i>	<i>.77</i>	<i>1.79</i>	<i>2.35</i>	<i>2.408</i>	
March	<i>2.47</i>	<i>4.37</i>	<i>1.88</i>	<i>1.28</i>	<i>2.39</i>	<i>2.13</i>	<i>2.77</i>	<i>1.71</i>	<i>2.61</i>	<i>3.65</i>	<i>2.526</i>	
April	<i>1.74</i>	<i>1.15</i>	<i>3.00</i>	<i>1.79</i>	<i>1.45</i>	<i>1.50</i>	<i>2.20</i>	<i>1.26</i>	<i>2.68</i>	<i>2.29</i>	<i>1.906</i>	
May	<i>2.65</i>	<i>3.06</i>	<i>1.62</i>	<i>1.20</i>	<i>1.66</i>	<i>2.36</i>	<i>5.68</i>	<i>2.29</i>	<i>1.08</i>	<i>2.19</i>	<i>2.379</i>	
June	<i>3.06</i>	<i>2.00</i>	<i>6.44</i>	<i>3.54</i>	<i>1.25</i>	<i>3.35</i>	<i>1.68</i>	<i>.68</i>	<i>2.47</i>	<i>.51</i>	<i>2.498</i>	
July	<i>5.81</i>	<i>2.90</i>	<i>5.18</i>	<i>2.81</i>	<i>3.73</i>	<i>1.61</i>	<i>4.11</i>	<i>1.33</i>	<i>5.18</i>	<i>3.11</i>	<i>3.577</i>	
August	<i>2.06</i>	<i>5.07</i>	<i>3.08</i>	<i>3.39</i>	<i>2.33</i>	<i>2.00</i>	<i>1.91</i>	<i>2.07</i>	<i>4.41</i>	<i>5.49</i>	<i>3.181</i>	
September....	<i>5.32</i>	<i>2.62</i>	<i>2.19</i>	<i>5.17</i>	<i>2.80</i>	<i>4.44</i>	<i>3.28</i>	<i>3.52</i>	<i>1.83</i>	<i>3.35</i>	<i>3.452</i>	
October	<i>2.86</i>	<i>2.99</i>	<i>3.58</i>	<i>5.12</i>	<i>2.68</i>	<i>6.99</i>	<i>6.26</i>	<i>2.20</i>	<i>1.82</i>	<i>3.69</i>	<i>3.819</i>	
November	<i>3.74</i>	<i>3.24</i>	<i>6.09</i>	<i>3.29</i>	<i>2.00</i>	<i>3.19</i>	<i>2.37</i>	<i>1.33</i>	<i>6.50</i>	<i>1.87</i>	<i>3.362</i>	
December	<i>5.36</i>	<i>3.77</i>	<i>4.65</i>	<i>3.19</i>	<i>3.39</i>	<i>2.57</i>	<i>5.42</i>	<i>2.87</i>	<i>2.17</i>	<i>2.44</i>	<i>3.583</i>	
TOTALS	<i>38.52</i>	<i>36.60</i>	<i>43.70</i>	<i>37.27</i>	<i>30.44</i>	<i>34.23</i>	<i>42.34</i>	<i>21.85</i>	<i>34.39</i>	<i>32.60</i>	<i>35.194</i>	

RAINFALL AT *Marple Aqueduct*

80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

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

Upper mersey - 1.

Diameter	<i>9</i>											
Height	<i>3.6</i>											
Altitude	<i>3217</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.86</i>	<i>.29</i>	<i>2.56</i>	<i>4.45</i>	<i>4.22</i>	<i>1.83</i>	<i>5.33</i>	<i>1.74</i>	<i>1.55</i>	<i>1.51</i>	<i>2.434</i>	
February	<i>2.74</i>	<i>5.30</i>	<i>2.99</i>	<i>2.06</i>	<i>2.03</i>	<i>2.38</i>	<i>.60</i>	<i>.72</i>	<i>1.27</i>	<i>2.00</i>	<i>2.209</i>	
March	<i>2.50</i>	<i>3.98</i>	<i>2.18</i>	<i>1.00</i>	<i>2.10</i>	<i>2.00</i>	<i>2.40</i>	<i>1.27</i>	<i>2.04</i>	<i>3.34</i>	<i>2.281</i>	
April	<i>1.99</i>	<i>1.07</i>	<i>2.73</i>	<i>1.89</i>	<i>1.27</i>	<i>1.30</i>	<i>1.93</i>	<i>1.05</i>	<i>1.91</i>	<i>2.05</i>	<i>1.719</i>	
May	<i>2.12</i>	<i>3.06</i>	<i>1.78</i>	<i>1.14</i>	<i>1.75</i>	<i>1.89</i>	<i>5.03</i>	<i>2.04</i>	<i>.80</i>	<i>2.06</i>	<i>2.167</i>	
June	<i>2.63</i>	<i>1.88</i>	<i>7.58</i>	<i>3.81</i>	<i>1.48</i>	<i>3.17</i>	<i>1.40</i>	<i>.64</i>	<i>2.24</i>	<i>.41</i>	<i>2.524</i>	
July	<i>6.43</i>	<i>4.00</i>	<i>5.40</i>	<i>2.72</i>	<i>3.40</i>	<i>1.46</i>	<i>3.58</i>	<i>.89</i>	<i>5.51</i>	<i>2.77</i>	<i>3.616</i>	
August	<i>2.19</i>	<i>4.82</i>	<i>3.69</i>	<i>3.00</i>	<i>2.34</i>	<i>1.60</i>	<i>1.77</i>	<i>2.19</i>	<i>3.58</i>	<i>5.57</i>	<i>3.075</i>	
September	<i>4.86</i>	<i>2.67</i>	<i>2.13</i>	<i>4.79</i>	<i>2.77</i>	<i>3.84</i>	<i>2.71</i>	<i>2.87</i>	<i>1.57</i>	<i>2.76</i>	<i>3.097</i>	
October	<i>2.60</i>	<i>2.62</i>	<i>3.76</i>	<i>4.97</i>	<i>2.21</i>	<i>5.36</i>	<i>5.17</i>	<i>2.04</i>	<i>1.66</i>	<i>2.77</i>	<i>3.316</i>	
November	<i>3.99</i>	<i>3.25</i>	<i>5.96</i>	<i>3.66</i>	<i>1.80</i>	<i>2.67</i>	<i>2.11</i>	<i>1.09</i>	<i>4.77</i>	<i>2.05</i>	<i>3.075</i>	
December	<i>5.75</i>	<i>3.86</i>	<i>4.37</i>	<i>2.93</i>	<i>3.91</i>	<i>2.26</i>	<i>4.13</i>	<i>2.71</i>	<i>2.15</i>	<i>2.30</i>	<i>3.487</i>	
TOTALS	<i>38.66</i>	<i>36.80</i>	<i>45.13</i>	<i>35.82</i>	<i>29.28</i>	<i>29.76</i>	<i>36.16</i>	<i>19.25</i>	<i>29.05</i>	<i>29.59</i>	<i>32.950</i>	

RAINFALL AT Northenden, Wythenshawe

80

Lat. Lon. County of Cheshire
 Rain Gauge, by Observer T. W. Tatton Esq.

Upper Mersey - 1.

Diameter		5									
Height		1.0									
Altitude		100T		114T							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....		.41	2.58	3.88	4.32	1.82	4.83	2.25	1.35	1.18	
February		4.47	2.48	1.95	2.04	2.60	.79	.50	.78	1.80	
March	#	3.77	1.97	1.13	2.49	1.92	2.05	1.52	1.50	2.68	
April	1.13	1.37	3.55	1.86	.79	1.26	1.91	1.58	1.76	2.65	
May	2.62	3.39	1.25	.79	1.44	2.20	5.99	2.17	.76	2.78	
June	3.07	2.21	6.34	3.71	.86	3.10	1.57	1.18	2.93	1.02	
July	6.03	2.34	5.53	3.58	3.38	1.16	3.65	.70	4.95	2.90	
August	2.75	4.76	3.00	2.53	1.68	1.74	1.41	1.75	3.11	6.35	
September	4.52	2.10	2.16	4.61	2.82	4.16	2.99	3.15	1.03	2.41	
October	2.73	2.65	3.01	5.17	1.87	5.85	5.22	2.06	1.49	3.14	
November	3.22	3.30	5.32	3.64	1.60	3.01	2.31	1.06	4.62	1.89	
December	5.19	3.84	4.21	2.47	2.95	1.95	3.89	2.50	2.04	2.27	
TOTALS		34.61	41.40	35.32	26.24	30.77	36.61	20.42	26.32	31.07	

1881. Northenden 1 1/4 mile SE
 Greenhouse 8ft high 12ft N.
 1884 Gauge moved about 8 yards in the Autumn

RAINFALL AT *Sale Brooklands*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

J. F. Jordan, Esq.

Upper mercury - 1.

Diameter	5										
Height	5.6										
Altitude	130					90					
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....		.30	3.22	5.21	4.75	2.78	5.90	1.82	1.67		
February		5.30	2.85	2.09	2.86	2.66	.94	1.04	1.05		
March		5.10	2.48	1.34	2.55	2.04	2.11	1.70	1.36		
April	#	1.57	3.80	2.01	.73	2.36	2.35	1.56	1.65		
May		3.00	4.44	2.05	1.02	1.95	2.64	5.41	2.62	.75	
June		4.70	2.70	8.18	4.15	1.06	3.61	3.38	1.12	3.00	
July		7.97	4.02	5.49	4.07	3.68	1.37	6.88	.97	5.30	
August		3.12	5.90	3.15	1.09	2.02	2.02	3.53	1.62	3.21	
September		5.80	2.96	3.20	5.69	1.95	5.26	3.52	3.64	1.22	
October		3.10	3.10	3.00	7.14	3.12	5.72	7.62	1.96	1.36	
November		4.55	3.93	7.41	3.26	2.07	3.26	2.43	.93	4.18	
December		6.46	5.38	1.32	3.68	4.30	2.66	5.22	2.81	1.92	#
TOTALS		44.70	46.15	40.75	31.04	36.38	49.29	21.79	26.67		

1880. St. John the Divine $\frac{1}{2}$ mile S.W.

Houses 25 feet high, 15 feet N.W. & N.

Bottle gauge without umbrella so that water ran down outside of funnel into bottle. Umbrella fixed beginning of August 1887. Record till then utterly unreliable.

N.B. Values rejected from Survey, 1928.

RAINFALL AT Ashton on Mersey (Burnside St.)

80

Lat. _____ Lon. _____ County of Cheshire

Rain Gauge, by _____ Observer E. Wells Esq.

Upper Mersey - 1.

Diameter				5							
Height				1							
Altitude				842							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				3.70	3.89	1.66					
February				1.72	1.82	2.38					
March				1.12	2.17	2.05					
April				1.78	.70	1.17					
May				1.07	1.38	2.15					
June				3.67	.93	2.99					
July				3.31	3.13	1.16					
August				2.80	1.75	1.56					
September				4.97	2.79	4.38					
October				4.78	1.96	5.91					
November				3.27	1.95	2.78					
December				1.89	3.14	1.65					
TOTALS				34.08	25.61	29.84					

1883. Ashton on Mersey Ch. 1 1/4 m. W.
 House 27 ft. high 60 ft S.E.
 Trees 12 ft high 23 ft S.

RAINFALL AT *Godley Reservoir*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

*J. F. Bateman, Esq. F.R.S.**upper wirey - 1.*

Diameter								12			
Height											
Altitude	<i>500</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.54</i>	<i>.41</i>	<i>2.70</i>	<i>3.92</i>	<i>4.70</i>	<i>1.70</i>	<i>4.55</i>	<i>1.12</i>	<i>1.52</i>	<i>1.47</i>	<i>2.263</i>
February	<i>2.57</i>	<i>5.40</i>	<i>2.93</i>	<i>1.72</i>	<i>1.90</i>	<i>2.30</i>	<i>.60</i>	<i>.68</i>	<i>.83</i>	<i>1.85</i>	<i>2.078</i>
March	<i>2.62</i>	<i>4.38</i>	<i>2.59</i>	<i>.70</i>	<i>1.85</i>	<i>2.00</i>	<i>2.05</i>	<i>1.25</i>	<i>2.07</i>	<i>3.30</i>	<i>2.281</i>
April	<i>1.71</i>	<i>1.01</i>	<i>2.72</i>	<i>1.81</i>	<i>1.45</i>	<i>1.39</i>	<i>1.80</i>	<i>1.16</i>	<i>1.77</i>	<i>2.09</i>	<i>1.691</i>
May	<i>2.24</i>	<i>3.65</i>	<i>1.68</i>	<i>1.10</i>	<i>1.63</i>	<i>1.83</i>	<i>5.96</i>	<i>2.07</i>	<i>.84</i>	<i>2.05</i>	<i>2.305</i>
June	<i>2.52</i>	<i>1.82</i>	<i>7.38</i>	<i>4.60</i>	<i>1.05</i>	<i>3.34</i>	<i>1.45</i>	<i>.71</i>	<i>2.86</i>	<i>.67</i>	<i>2.640</i>
July	<i>5.01</i>	<i>2.41</i>	<i>4.99</i>	<i>2.80</i>	<i>3.29</i>	<i>1.40</i>	<i>3.18</i>	<i>1.00</i>	<i>5.55</i>	<i>3.10</i>	<i>3.273</i>
August	<i>1.84</i>	<i>4.08</i>	<i>3.19</i>	<i>3.05</i>	<i>2.43</i>	<i>1.30</i>	<i>2.01</i>	<i>1.55</i>	<i>3.52</i>	<i>5.88</i>	<i>2.885</i>
September	<i>4.94</i>	<i>2.74</i>	<i>2.65</i>	<i>5.05</i>	<i>3.02</i>	<i>3.87</i>	<i>3.16</i>	<i>3.25</i>	<i>1.48</i>	<i>3.04</i>	<i>3.320</i>
October	<i>3.80</i>	<i>3.22</i>	<i>3.50</i>	<i>5.15</i>	<i>2.20</i>	<i>6.60</i>	<i>5.60</i>	<i>2.15</i>	<i>1.57</i>	<i>3.58</i>	<i>3.737</i>
November	<i>3.63</i>	<i>3.10</i>	<i>5.85</i>	<i>2.85</i>	<i>1.78</i>	<i>2.25</i>	<i>2.14</i>	<i>1.30</i>	<i>5.66</i>	<i>1.89</i>	<i>3.045</i>
December	<i>5.67</i>	<i>3.95</i>	<i>3.83</i>	<i>3.10</i>	<i>4.23</i>	<i>2.00</i>	<i>4.55</i>	<i>2.40</i>	<i>1.97</i>	<i>2.32</i>	<i>3.402</i>
TOTALS	<i>37.09</i>	<i>36.17</i>	<i>44.01</i>	<i>35.85</i>	<i>29.53</i>	<i>29.98</i>	<i>37.05</i>	<i>18.64</i>	<i>29.64</i>	<i>31.24</i>	<i>32.920</i>

RAINFALL AT *Newton*

80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

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

Upper moor - 1.

Diameter	<i>9</i>										
Height	<i>3.6</i>										
Altitude	<i>396 T</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.55</i>	<i>.30</i>	<i>2.37</i>	<i>3.87</i>	<i>4.45</i>	<i>1.61</i>	<i>4.16</i>	<i>1.41</i>	<i>1.04</i>	<i>1.75</i>	<i>2.151</i>
February	<i>2.65</i>	<i>5.15</i>	<i>2.84</i>	<i>1.84</i>	<i>1.63</i>	<i>2.21</i>	<i>.59</i>	<i>.59</i>	<i>.98</i>	<i>1.68</i>	<i>2.016</i>
March	<i>2.71</i>	<i>4.42</i>	<i>2.36</i>	<i>.57</i>	<i>1.82</i>	<i>1.97</i>	<i>1.71</i>	<i>1.10</i>	<i>1.76</i>	<i>2.54</i>	<i>2.096</i>
April	<i>1.55</i>	<i>.96</i>	<i>2.69</i>	<i>1.83</i>	<i>1.18</i>	<i>.93</i>	<i>1.46</i>	<i>1.10</i>	<i>1.78</i>	<i>1.72</i>	<i>1.520</i>
May	<i>2.04</i>	<i>3.28</i>	<i>1.55</i>	<i>.98</i>	<i>1.48</i>	<i>1.64</i>	<i>4.84</i>	<i>1.54</i>	<i>.83</i>	<i>1.81</i>	<i>1.999</i>
June	<i>2.61</i>	<i>1.64</i>	<i>7.33</i>	<i>4.35</i>	<i>.94</i>	<i>2.98</i>	<i>.90</i>	<i>.60</i>	<i>2.44</i>	<i>.60</i>	<i>2.439</i>
July	<i>5.78</i>	<i>2.25</i>	<i>4.91</i>	<i>2.67</i>	<i>3.38</i>	<i>1.24</i>	<i>2.86</i>	<i>.84</i>	<i>5.38</i>	<i>2.75</i>	<i>3.206</i>
August	<i>1.89</i>	<i>3.89</i>	<i>3.25</i>	<i>2.79</i>	<i>2.19</i>	<i>1.22</i>	<i>1.35</i>	<i>.86</i>	<i>2.41</i>	<i>4.99</i>	<i>2.484</i>
September	<i>3.70</i>	<i>2.79</i>	<i>2.49</i>	<i>4.74</i>	<i>2.98</i>	<i>3.74</i>	<i>3.25</i>	<i>2.31</i>	<i>2.22</i>	<i>2.97</i>	<i>3.119</i>
October	<i>2.50</i>	<i>3.05</i>	<i>3.33</i>	<i>4.91</i>	<i>1.67</i>	<i>5.65</i>	<i>5.18</i>	<i>1.13</i>	<i>1.16</i>	<i>2.89</i>	<i>3.147</i>
November	<i>3.73</i>	<i>3.23</i>	<i>5.92</i>	<i>2.67</i>	<i>1.92</i>	<i>2.11</i>	<i>1.93</i>	<i>1.36</i>	<i>4.46</i>	<i>2.00</i>	<i>2.933</i>
December	<i>5.05</i>	<i>3.89</i>	<i>3.39</i>	<i>3.22</i>	<i>4.17</i>	<i>1.96</i>	<i>3.55</i>	<i>2.20</i>	<i>1.69</i>	<i>1.69</i>	<i>3.081</i>
TOTALS	<i>34.76</i>	<i>34.85</i>	<i>42.43</i>	<i>34.44</i>	<i>27.81</i>	<i>27.26</i>	<i>31.78</i>	<i>15.04</i>	<i>26.15</i>	<i>27.39</i>	<i>30.191</i>

RAINFALL AT *Mottram, Marley's Field* **80**

Lat. _____ Lon. _____ County of *Cheshire*
Rain Gauge, by _____ Observer *M. S. & L. R. Co.*

Upper Marley - P.

Diameter	<i>9</i>										
Height	<i>3.6</i>										
Altitude	<i>399T</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.57</i>	<i>.77</i>	<i>3.54</i>	<i>4.38</i>	<i>5.28</i>	<i>1.99</i>	<i>5.28</i>	<i>1.46</i>	<i>1.83</i>	<i>1.80</i>	<i>2.690</i>
February	<i>3.29</i>	<i>5.39</i>	<i>3.79</i>	<i>2.42</i>	<i>2.12</i>	<i>2.44</i>	<i>.56</i>	<i>.63</i>	<i>1.74</i>	<i>1.89</i>	<i>2.427</i>
March	<i>2.70</i>	<i>4.69</i>	<i>2.98</i>	<i>1.02</i>	<i>2.00</i>	<i>2.38</i>	<i>2.61</i>	<i>1.52</i>	<i>2.51</i>	<i>4.02</i>	<i>2.643</i>
April	<i>1.96</i>	<i>1.01</i>	<i>3.38</i>	<i>1.84</i>	<i>1.52</i>	<i>1.28</i>	<i>2.27</i>	<i>1.55</i>	<i>2.11</i>	<i>2.06</i>	<i>1.898</i>
May	<i>2.98</i>	<i>3.60</i>	<i>1.83</i>	<i>1.19</i>	<i>2.05</i>	<i>2.13</i>	<i>6.40</i>	<i>2.31</i>	<i>.66</i>	<i>2.01</i>	<i>2.516</i>
June	<i>4.19</i>	<i>2.01</i>	<i>7.43</i>	<i>5.26</i>	<i>1.38</i>	<i>3.59</i>	<i>1.50</i>	<i>.59</i>	<i>2.89</i>	<i>.60</i>	<i>2.944</i>
July	<i>5.66</i>	<i>4.35</i>	<i>6.23</i>	<i>3.24</i>	<i>3.46</i>	<i>1.69</i>	<i>3.34</i>	<i>1.04</i>	<i>5.34</i>	<i>2.89</i>	<i>3.724</i>
August	<i>3.20</i>	<i>4.73</i>	<i>3.80</i>	<i>3.46</i>	<i>3.82</i>	<i>1.52</i>	<i>2.01</i>	<i>1.94</i>	<i>3.33</i>	<i>5.63</i>	<i>3.344</i>
September	<i>5.79</i>	<i>3.31</i>	<i>3.03</i>	<i>5.59</i>	<i>3.12</i>	<i>3.80</i>	<i>2.74</i>	<i>3.50</i>	<i>1.70</i>	<i>3.46</i>	<i>3.604</i>
October	<i>4.06</i>	<i>3.81</i>	<i>3.72</i>	<i>6.05</i>	<i>2.80</i>	<i>7.65</i>	<i>5.82</i>	<i>2.36</i>	<i>1.55</i>	<i>3.71</i>	<i>4.153</i>
November	<i>4.11</i>	<i>3.51</i>	<i>7.20</i>	<i>2.93</i>	<i>1.93</i>	<i>2.63</i>	<i>2.16</i>	<i>1.56</i>	<i>6.05</i>	<i>2.03</i>	<i>3.411</i>
December	<i>6.10</i>	<i>4.63</i>	<i>6.10</i>	<i>3.62</i>	<i>4.33</i>	<i>2.72</i>	<i>5.18</i>	<i>2.69</i>	<i>2.04</i>	<i>2.35</i>	<i>3.976</i>
TOTALS	<i>44.61</i>	<i>41.81</i>	<i>53.03</i>	<i>41.00</i>	<i>33.81</i>	<i>33.82</i>	<i>39.87</i>	<i>21.15</i>	<i>31.75</i>	<i>32.45</i>	<i>37.330</i>

RAINFALL AT *Hill Head, Mottram*

80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

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

Upper moor - 1.

Diameter	9											
Height	3.6											
Altitude	680 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	49	58	3.63	4.74	6.44	2.57	6.01	1.65	2.04	1.86	3.001	
February	3.33	4.88	4.22	2.61	2.57	2.70	71	.55	1.27	2.16	2.500	
March	2.66	5.05	3.06	.65	2.30	2.87	3.10	1.65	2.79	3.67	2.780	
April	1.95	1.06	3.30	1.95	1.75	1.62	2.57	1.69	2.82	2.29	2.100	
May	2.54	4.10	1.43	1.43	1.94	2.56	8.42	2.52	1.09	2.04	2.807	
June	2.96	2.08	7.71	5.39	2.04	4.23	2.24	.53	3.13	.63	3.094	
July	6.22	4.35	5.85	3.75	3.75	2.08	4.03	1.10	6.31	3.09	4.053	
August	1.78	4.87	3.63	4.09	4.06	1.55	2.36	2.02	3.80	6.12	3.428	
September	5.45	2.72	2.80	5.98	3.93	4.59	3.39	3.89	1.94	3.57	3.826	
October	3.06	3.40	3.73	6.85	2.90	9.96	6.54	2.61	1.92	4.04	4.501	
November	4.35	3.93	7.12	4.04	2.20	3.28	2.52	1.84	6.24	2.10	3.762	
December	6.29	4.88	4.94	4.80	5.42	2.84	6.01	2.86	2.36	2.62	4.302	
TOTALS	41.08	41.90	51.42	46.28	39.30	40.85	47.90	22.91	35.71	34.19	40.154	

RAINFALL AT *Millbrook [Stadfield]*

Hollingworth

80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *J. Sidebotham Esq*

Upper mersey - 1.

Diameter							12				
Height								3.10			
Altitude							450	442 T			
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								1.70	2.01	1.84	
February ....								.99	2.17	2.58	
March								1.48	2.99	4.45	
April								1.70	2.48	2.53	
May							<i>#</i> 7.47	2.37	1.06	1.93	
June							2.01	.31	2.61	.81	
July							3.45	1.26	6.16	2.88	
August							2.30	1.64	3.58	5.94	
September....							2.03	4.09	1.96	3.82	
October							5.57	2.62	1.77	3.99	
November							2.06	2.14	7.29	2.09	
December							6.28	3.16	2.59	3.31	
TOTALS								23.46	36.67	36.17	

Tintwistle 7 furlongs E
1887 Trees 30 ft high 40 ft SW

RAINFALL AT *Millbrook Hadfield*

Hollingsworth 80

Lat. Lon. County of *Gloucestershire*

Rain Gauge, by Observer *J. Sidelobham Esq*

Upper mercury - 1.

Diameter								8			
Height								3.10			
Altitude								442T			
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								1.70	1.89	1.81	
February ....								.96	2.06	2.53	
March								1.44	2.93	4.28	
April								1.64	2.42	2.45	
May								2.28	1.04	1.89	
June .....								.31	2.58	.79	
July								1.24	6.11	2.82	
August								1.63	3.54	5.89	
September....								4.06	1.92	3.77	
October								2.60	1.74	3.94	
November....								2.10	7.21	2.06	
December								3.02	2.59	3.26	
TOTALS								22.98	36.03	35.49	

1887 Intwistle Ch 3/4 mile E
Trees 30 ft high 40 ft E

RAINFALL AT *Arnfield Reservoir* 80

Lat. Lon. County of *Cheshire*

Rain Gauge, by Observer *J. Sidebottom Esq.*

Upper mersey - 1.

Diameter							7					
Height								2.6				
Altitude							550	573				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January							5.02	1.68	1.80	1.85		
February							5.2	.65	1.02	2.45		
March							2.25	1.46	2.60	4.03		
April							2.09	1.15	2.46	2.60		
May							7.01	2.07	1.00	1.75		
June							1.68	.33	2.52	.79		
July ..							3.38	1.10	6.10	3.03		
August							2.14	1.23	3.45	5.91		
September....							3.00	3.58	1.85	3.66		
October							5.12	2.32	1.60	4.13		
November....							1.82	1.90	6.75	2.02		
December							5.48	2.57	2.30	3.24		
TOTALS							39.51	20.04	33.45	36.45		

1887 Christ Church Tintwistle 1/2 mile E
 Wall 5' 3" high 18' SE
 Bank 32' " 144' NE

N.B. Values rejected when Rainfall Survey Map prepared in Nov. 1928.

RAINFALL AT *Arnyfield Reservoir*

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *J. F. Bateman, Esq., F.R.S.**Upper Mersey - 1.*

Diameter								12			
Height								2.6			
Altitude	<i>575</i>				<i>550</i>			<i>513</i>			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.71</i>	<i>.70</i>	<i>4.44</i>	<i>5.25</i>	<i>5.69</i>	<i>2.40</i>	<i>5.40</i>	<i>1.82</i>	<i>1.88</i>	<i>1.85</i>	<i>3.014</i>
February	<i>3.92</i>	<i>5.70</i>	<i>3.50</i>	<i>2.48</i>	<i>2.72</i>	<i>2.72</i>	<i>.61</i>	<i>.72</i>	<i>1.17</i>	<i>2.45</i>	<i>2.599</i>
March	<i>3.22</i>	<i>4.98</i>	<i>3.25</i>	<i>.67</i>	<i>2.06</i>	<i>2.37</i>	<i>2.58</i>	<i>1.63</i>	<i>2.75</i>	<i>4.03</i>	<i>2.754</i>
April	<i>2.35</i>	<i>1.03</i>	<i>3.80</i>	<i>1.84</i>	<i>1.78</i>	<i>2.05</i>	<i>2.45</i>	<i>1.40</i>	<i>2.52</i>	<i>2.60</i>	<i>2.182</i>
May	<i>2.32</i>	<i>4.33</i>	<i>1.70</i>	<i>1.35</i>	<i>2.01</i>	<i>2.15</i>	<i>7.27</i>	<i>2.33</i>	<i>1.04</i>	<i>1.75</i>	<i>2.625</i>
June	<i>3.38</i>	<i>1.89</i>	<i>7.31</i>	<i>4.46</i>	<i>1.28</i>	<i>3.89</i>	<i>1.89</i>	<i>.36</i>	<i>2.75</i>	<i>.79</i>	<i>2.800</i>
July	<i>6.29</i>	<i>3.22</i>	<i>5.15</i>	<i>2.93</i>	<i>3.44</i>	<i>1.97</i>	<i>3.42</i>	<i>1.18</i>	<i>6.11</i>	<i>3.03</i>	<i>3.671</i>
August	<i>1.70</i>	<i>4.91</i>	<i>3.50</i>	<i>4.05</i>	<i>2.70</i>	<i>1.90</i>	<i>2.20</i>	<i>1.51</i>	<i>3.57</i>	<i>5.91</i>	<i>3.195</i>
September	<i>5.47</i>	<i>2.51</i>	<i>2.83</i>	<i>6.60</i>	<i>3.16</i>	<i>3.98</i>	<i>3.06</i>	<i>3.90</i>	<i>1.95</i>	<i>3.65</i>	<i>3.711</i>
October	<i>6.57</i>	<i>4.51</i>	<i>4.34</i>	<i>6.23</i>	<i>2.45</i>	<i>7.86</i>	<i>5.43</i>	<i>2.55</i>	<i>1.85</i>	<i>4.13</i>	<i>4.592</i>
November	<i>4.55</i>	<i>3.89</i>	<i>6.79</i>	<i>3.22</i>	<i>2.13</i>	<i>2.90</i>	<i>2.10</i>	<i>1.99</i>	<i>7.35</i>	<i>2.02</i>	<i>3.694</i>
December	<i>6.50</i>	<i>4.67</i>	<i>4.78</i>	<i>3.58</i>	<i>4.97</i>	<i>2.62</i>	<i>5.58</i>	<i>2.76</i>	<i>2.42</i>	<i>3.24</i>	<i>4.112</i>
TOTALS	<i>46.98</i>	<i>42.34</i>	<i>51.39</i>	<i>42.66</i>	<i>34.36</i>	<i>36.81</i>	<i>44.99</i>	<i>22.15</i>	<i>35.36</i>	<i>35.45</i>	<i>38.949</i>

*1887 Christ Church Tintwistle 1/2 mile E**Wall 5' 3" high 18 ft SE**Bank 32' " 184 " NE*

RAINFALL AT *Rhodes Wood Reservoir*

80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *J. F. Bateman, Esq. F.R.S.*

Upper Mersey - 1.

Diameter	<i>12</i>											
Height	<i>1.0</i>											
Altitude	<i>520</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.78</i>	<i>.65</i>	<i>4.13</i>	<i>5.50</i>	<i>6.70</i>	<i>2.55</i>	<i>6.16</i>	<i>1.96</i>	<i>2.27</i>	<i>2.35</i>	<i>3.305</i>	
February	<i>4.30</i>	<i>5.73</i>	<i>3.80</i>	<i>2.50</i>	<i>2.65</i>	<i>3.07</i>	<i>.73</i>	<i>1.20</i>	<i>1.40</i>	<i>2.81</i>	<i>2.819</i>	
March	<i>3.57</i>	<i>5.58</i>	<i>3.37</i>	<i>.89</i>	<i>2.25</i>	<i>2.60</i>	<i>2.80</i>	<i>1.82</i>	<i>3.15</i>	<i>4.74</i>	<i>3.077</i>	
April	<i>2.35</i>	<i>1.33</i>	<i>4.56</i>	<i>2.04</i>	<i>2.19</i>	<i>2.38</i>	<i>2.72</i>	<i>1.73</i>	<i>3.15</i>	<i>3.28</i>	<i>2.573</i>	
May	<i>2.53</i>	<i>4.06</i>	<i>1.59</i>	<i>1.66</i>	<i>2.21</i>	<i>2.90</i>	<i>8.52</i>	<i>2.80</i>	<i>1.15</i>	<i>2.20</i>	<i>2.962</i>	
June	<i>3.15</i>	<i>2.28</i>	<i>7.23</i>	<i>5.16</i>	<i>1.86</i>	<i>3.91</i>	<i>1.80</i>	<i>.45</i>	<i>2.81</i>	<i>.72</i>	<i>2.937</i>	
July	<i>6.68</i>	<i>4.00</i>	<i>5.67</i>	<i>4.05</i>	<i>3.86</i>	<i>2.30</i>	<i>4.11</i>	<i>1.65</i>	<i>6.72</i>	<i>3.30</i>	<i>4.234</i>	
August	<i>1.78</i>	<i>5.35</i>	<i>4.03</i>	<i>4.33</i>	<i>2.00</i>	<i>1.83</i>	<i>2.53</i>	<i>1.61</i>	<i>3.71</i>	<i>6.90</i>	<i>3.407</i>	
September	<i>6.43</i>	<i>2.51</i>	<i>3.10</i>	<i>7.72</i>	<i>3.11</i>	<i>4.04</i>	<i>3.17</i>	<i>4.19</i>	<i>2.04</i>	<i>4.38</i>	<i>4.069</i>	
October	<i>6.82</i>	<i>5.27</i>	<i>5.24</i>	<i>6.96</i>	<i>3.00</i>	<i>9.03</i>	<i>6.38</i>	<i>3.06</i>	<i>1.88</i>	<i>5.39</i>	<i>5.303</i>	
November	<i>5.07</i>	<i>3.93</i>	<i>7.20</i>	<i>4.02</i>	<i>2.11</i>	<i>3.04</i>	<i>2.31</i>	<i>2.16</i>	<i>8.79</i>	<i>2.36</i>	<i>4.099</i>	
December	<i>7.27</i>	<i>4.90</i>	<i>4.65</i>	<i>4.73</i>	<i>5.46</i>	<i>3.20</i>	<i>6.07</i>	<i>3.01</i>	<i>2.42</i>	<i>3.92</i>	<i>4.563</i>	
TOTALS	<i>50.73</i>	<i>45.59</i>	<i>54.57</i>	<i>49.56</i>	<i>37.40</i>	<i>40.85</i>	<i>47.30</i>	<i>25.64</i>	<i>39.49</i>	<i>42.35</i>	<i>43.348</i>	

RAINFALL AT *Townside Reservoir*

80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *H. Bateman, Esq., F.R.S.*

Upper Mersey - 1.

Diameter	<i>12</i>											
Height	<i>1. 6</i>											
Altitude	<i>600</i>				<i>680</i>							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.74</i>	<i>.74</i>	<i>4.02</i>	<i>5.24</i>	<i>6.95</i>	<i>2.58</i>	<i>6.11</i>	<i>1.56</i>	<i>2.09</i>	<i>2.40</i>	<i>3.243</i>	
February	<i>4.39</i>	<i>5.82</i>	<i>4.02</i>	<i>2.72</i>	<i>2.82</i>	<i>3.30</i>	<i>.75</i>	<i>1.16</i>	<i>1.26</i>	<i>2.81</i>	<i>2.905</i>	
March	<i>3.52</i>	<i>5.12</i>	<i>3.50</i>	<i>1.17</i>	<i>2.28</i>	<i>2.86</i>	<i>2.83</i>	<i>2.31</i>	<i>3.96</i>	<i>4.91</i>	<i>3.246</i>	
April	<i>2.53</i>	<i>1.41</i>	<i>4.98</i>	<i>2.46</i>	<i>2.15</i>	<i>2.38</i>	<i>2.74</i>	<i>1.63</i>	<i>3.55</i>	<i>3.77</i>	<i>2.760</i>	
May	<i>2.73</i>	<i>3.83</i>	<i>1.46</i>	<i>1.68</i>	<i>2.11</i>	<i>3.21</i>	<i>9.04</i>	<i>2.91</i>	<i>1.09</i>	<i>2.39</i>	<i>3.045</i>	
June	<i>3.87</i>	<i>2.10</i>	<i>7.12</i>	<i>5.55</i>	<i>2.05</i>	<i>3.97</i>	<i>1.99</i>	<i>.67</i>	<i>2.87</i>	<i>.77</i>	<i>3.096</i>	
July	<i>6.67</i>	<i>3.78</i>	<i>5.71</i>	<i>4.27</i>	<i>3.70</i>	<i>2.33</i>	<i>4.41</i>	<i>1.63</i>	<i>8.15</i>	<i>3.28</i>	<i>4.393</i>	
August	<i>1.73</i>	<i>5.35</i>	<i>3.67</i>	<i>4.10</i>	<i>1.80</i>	<i>1.83</i>	<i>2.75</i>	<i>1.64</i>	<i>3.70</i>	<i>6.85</i>	<i>3.342</i>	
September....	<i>6.50</i>	<i>2.74</i>	<i>3.20</i>	<i>7.76</i>	<i>3.02</i>	<i>4.20</i>	<i>3.12</i>	<i>4.29</i>	<i>2.00</i>	<i>5.40</i>	<i>4.223</i>	
October	<i>8.35</i>	<i>5.73</i>	<i>4.86</i>	<i>6.96</i>	<i>2.88</i>	<i>9.28</i>	<i>6.40</i>	<i>3.72</i>	<i>1.84</i>	<i>5.85</i>	<i>5.587</i>	
November	<i>4.76</i>	<i>3.83</i>	<i>7.28</i>	<i>3.73</i>	<i>2.07</i>	<i>3.40</i>	<i>2.45</i>	<i>2.78</i>	<i>9.99</i>	<i>2.06</i>	<i>4.235</i>	
December	<i>7.11</i>	<i>4.45</i>	<i>5.30</i>	<i>4.42</i>	<i>5.44</i>	<i>3.32</i>	<i>6.32</i>	<i>3.09</i>	<i>2.48</i>	<i>3.82</i>	<i>4.575</i>	
TOTALS	<i>82.90</i>	<i>44.90</i>	<i>55.12</i>	<i>50.06</i>	<i>37.27</i>	<i>42.66</i>	<i>48.91</i>	<i>27.39</i>	<i>42.98</i>	<i>44.31</i>	<i>44.650</i>	

RAINFALL AT

Staleybridge, Swinshaw

80

Lat.

Lon.

County of

Cheshire

Staff Rain Gauge, by

Observer

J. F. Bateman, Esq., F.R.S.

Upper mersey - 1.

Diameter	8											
Height	3.0											
Altitude	884 ft											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.76	.77	4.19	5.81	6.50	2.47	6.59	1.86	2.27	2.58	3.380	
February	3.52	5.20	4.00	2.49	2.36	2.92	.78	.98	1.25	1.84	2.534	
March	3.00	5.75	4.01	.93	2.23	2.90	3.04	1.88	3.14	3.15	3.003	
April	2.11	1.22	4.89	1.66	1.70	1.91	2.97	1.52	3.27	2.82	2.407	
May	2.62	4.74	1.65	1.60	2.11	2.32	8.63	2.80	1.60	2.59	3.066	
June	2.78	1.85	8.89	5.57	1.03	4.22	2.59	.41	3.63	.81	3.178	
July	6.52	4.15	5.65	3.32	4.12	2.26	4.91	2.07	8.09	3.99	4.507	
August	1.72	5.72	4.07	4.22	2.65	2.15	3.22	2.16	4.75	8.05	3.871	
September	6.15	2.92	3.80	7.01	3.69	4.14	4.58	5.12	2.51	4.44	4.436	
October	4.00	4.50	5.15	6.37	3.03	8.24	7.13	3.32	2.18	4.81	4.873	
November	4.83	4.66	8.06	3.90	2.40	4.11	3.18	2.41	7.63	2.40	4.358	
December	6.30	4.60	5.79	4.23	5.65	3.48	6.09	3.53	2.75	3.53	4.595	
TOTALS	44.31	46.08	60.15	47.11	37.47	41.11	53.71	28.06	43.07	41.01	44.208	

N.B. Annual Values, 1881-2, rejected from Survey, 1928

RAINFALL AT *Woodhead Reservoir*

2754
80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

J. F. Bateman, Esq., F.R.S.

Upper Mersey - 1.

Diameter	<i>12</i>											
Height	<i>10</i>											
Altitude	<i>680</i>				<i>660</i>							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.70</i>	<i>.55</i>	<i>4.70</i>	<i>6.45</i>	<i>7.53</i>	<i>3.23</i>	<i>6.97</i>	<i>2.03</i>	<i>2.27</i>	<i>2.88</i>	<i>3.731</i>	
February	<i>4.85</i>	<i>6.63</i>	<i>4.50</i>	<i>3.43</i>	<i>3.14</i>	<i>4.48</i>	<i>1.01</i>	<i>1.67</i>	<i>1.52</i>	<i>2.98</i>	<i>3.421</i>	
March	<i>3.75</i>	<i>6.00</i>	<i>3.91</i>	<i>.77</i>	<i>2.94</i>	<i>3.38</i>	<i>4.05</i>	<i>2.63</i>	<i>3.40</i>	<i>3.90</i>	<i>3.473</i>	
April	<i>2.80</i>	<i>1.67</i>	<i>5.64</i>	<i>2.32</i>	<i>2.35</i>	<i>2.83</i>	<i>3.31</i>	<i>1.82</i>	<i>4.28</i>	<i>3.98</i>	<i>3.100</i>	
May	<i>2.85</i>	<i>4.00</i>	<i>1.43</i>	<i>1.73</i>	<i>2.85</i>	<i>3.89</i>	<i>8.72</i>	<i>2.65</i>	<i>1.18</i>	<i>2.72</i>	<i>3.202</i>	
June	<i>4.30</i>	<i>2.41</i>	<i>7.16</i>	<i>5.60</i>	<i>1.94</i>	<i>4.04</i>	<i>2.50</i>	<i>.45</i>	<i>2.61</i>	<i>.44</i>	<i>3.145</i>	<i>/</i>
July	<i>7.70</i>	<i>3.98</i>	<i>5.54</i>	<i>4.29</i>	<i>4.17</i>	<i>2.88</i>	<i>4.58</i>	<i>1.44</i>	<i>8.05</i>	<i>3.42</i>	<i>4.605</i>	<i>\</i>
August	<i>1.85</i>	<i>5.47</i>	<i>4.10</i>	<i>4.25</i>	<i>1.85</i>	<i>2.31</i>	<i>2.85</i>	<i>1.73</i>	<i>3.74</i>	<i>7.22</i>	<i>3.537</i>	
September	<i>7.17</i>	<i>3.20</i>	<i>3.35</i>	<i>8.11</i>	<i>3.53</i>	<i>4.95</i>	<i>2.87</i>	<i>4.51</i>	<i>1.98</i>	<i>5.18</i>	<i>4.485</i>	<i>/</i>
October	<i>7.80</i>	<i>6.35</i>	<i>5.21</i>	<i>7.63</i>	<i>3.85</i>	<i>11.12</i>	<i>6.37</i>	<i>3.67</i>	<i>2.30</i>	<i>6.02</i>	<i>6.032</i>	
November	<i>5.40</i>	<i>4.55</i>	<i>9.28</i>	<i>4.78</i>	<i>3.04</i>	<i>3.97</i>	<i>2.91</i>	<i>3.76</i>	<i>11.22</i>	<i>2.18</i>	<i>5.109</i>	
December	<i>7.80</i>	<i>5.54</i>	<i>5.40</i>	<i>5.35</i>	<i>7.40</i>	<i>4.25</i>	<i>7.62</i>	<i>3.02</i>	<i>2.83</i>	<i>4.22</i>	<i>5.343</i>	
TOTALS	<i>56.97</i>	<i>50.35</i>	<i>60.22</i>	<i>54.71</i>	<i>44.59</i>	<i>51.33</i>	<i>53.76</i>	<i>29.38</i>	<i>45.38</i>	<i>45.14</i>	<i>49.183</i>	

RAINFALL

AT

Nantwich, Cheshire 80
Castle

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

Mr. J. Malcolm

weaver - 2.

Diameter	<i>8</i>											
Height	<i>1.0</i>			<i>1.6</i>								
Altitude	<i>42</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.88</i>	<i>.61</i>	<i>3.00</i>	<i>3.44</i>	<i>3.23</i>							
February	<i>2.30</i>	<i>3.44</i>	<i>2.11</i>	<i>2.18</i>	<i>1.91</i>							
March	<i>1.12</i>	<i>2.57</i>	<i>1.89</i>	<i>1.28</i>	<i>2.57</i>							
April	<i>1.56</i>	<i>.85</i>	<i>3.97</i>	<i>1.03</i>	<i>1.45</i>							
May	<i>3.04</i>	<i>1.90</i>	<i>2.01</i>	<i>1.25</i>	<i>1.33</i>							
June	<i>3.88</i>	<i>2.63</i>	<i>4.75</i>	<i>3.08</i>	<i>2.49</i>							
July	<i>7.98</i>	<i>2.55</i>	<i>4.08</i>	<i>3.17</i>	<i>2.94</i>							
August	<i>2.12</i>	<i>4.95</i>	<i>3.27</i>	<i>1.73</i>	<i>2.00</i>							
September....	<i>2.94</i>	<i>3.57</i>	<i>2.71</i>	<i>5.63</i>	<i>2.34</i>							
October	<i>6.03</i>	<i>3.72</i>	<i>4.90</i>	<i>4.34</i>	<i>1.39</i>							
November....	<i>3.30</i>	<i>2.99</i>	<i>4.45</i>	<i>4.04</i>	<i>2.75</i>							
December	<i>5.87</i>	<i>3.38</i>	<i>4.55</i>	<i>1.18</i>	<i>2.33</i>							
TOTALS	<i>41.02</i>	<i>33.16</i>	<i>41.69</i>	<i>32.35</i>	<i>26.73</i>							

1881. Bickerton

3 miles

Tr.

Apple trees 8ft high 20ft S.

Note. According to O.S. map this altitude must be nearly 300 ft too low.

1885

RAINFALL AT *Baddiley Nantwich Water Works*

80

Lat. Lon. County of *Cheshire*
 Rain Gauge, by *weaver 2.* Observer *Baldwin Latham Esq C.E.*

Diameter									5		
Height											
Altitude									231		
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....									.92	.56	
February ....									.87	2.01	
March									1.39	2.20	
April									1.27	3.72	
May .....									.76	2.51	
June									2.39	.44	
July									4.89	3.00	
August									3.49	4.22	
September....									1.03	3.63	
October									1.33	1.97	
November....									3.70	1.35	
December									2.19	2.20	
TOTALS									24.23	27.81	

✓ indicates entered correct day. (Jan. 1911.)

RAINFALL AT *Nantwich Dorfold*

27.3
80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer

L. B. Wells Esq.

weaver - 2.

Diameter							8				
Height							2. -	1.6			
Altitude							190				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							(4.00)	3.80	1.48	.60	
February							#	.54	.87	2.29	
March							2.18	1.48	1.54	2.60	
April							1.67	.98	1.25	3.69	
May							6.39	1.76	.78	2.26	
June							1.34	1.28	2.27	.45	
July ..							2.79	1.30	4.98	2.92	
August .....							.96	.91	3.23	4.95	
September....							2.86	3.11	1.26	3.87	
October							4.24	3.65	1.46	2.17	
November							2.54	1.08	3.86	1.46	
December							4.91	2.30	2.32	2.29	
TOTALS							33.88	22.19	25.30	29.55	

Jan & Feby 1886 estimated from Crewe, Wistaston Rd

✓ indicates entered correct day. (Jan. 1911)

RAINFALL AT *Crews Mistaston Road*

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer

*E. Pillow Esq. C.E.**Weaver - 2.*

Diameter						8	12				
Height						1.2	30.8				
Altitude						145	209				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						⁴ 1.20	3.44	2.22	1.05	.46	
February						1.76	.29	.74	.64	1.80	
March						(1.40)	1.72	1.43	1.88	.12	
April						1.98	1.17	.86	.95	3.46	
May						1.54	3.62	1.25	.76	2.55	
June						3.23	1.28	.57	1.10	.55	
July						1.20	.99	1.14	5.87	4.25	
August						1.71	.88	.99	2.73	4.75	
September....						3.94	2.13	2.66	.80	2.24	
October						4.73	2.77	2.54	1.36	1.57	
November....						2.48	1.78	.98	3.21	1.48	
December						1.38	3.86	3.10	2.03	1.82	
TOTALS						(26.55)	23.93	18.48	22.38	25.05	

*Coppenhall 2/3 mile N.**1885 Mar 10 Gauge moved 30ft S.**1887 Wall 27.11" high 4 ft N + S**1889 Christ Church 220 yards S**Clock Tower 30ft high 90ft SE*

*N.B. Values rejected when Rainfall Survey
Map prepared in Nov. 1928.*

RAINFALL AT *Buglawton Vic. Congleton*

80

Lat.

Lon.

County of *Dorset*

Cheshire

Rain Gauge, by

Observer *Rev. W. Benant*

weaver - 2.

Diameter	8											
Height	5.0											
Altitude	347 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.59	.47	2.31	3.05	2.52	1.67	4.69	2.76	1.58	1.03	2.067	✓
February	2.76	4.23	2.40	2.03	1.17	2.17	.71	.53	1.24	1.57	1.881	
March	1.79	3.63	1.96	.86	2.21	2.11	2.52	1.32	2.26	3.65	2.225	✓
April	1.90	1.11	3.10	1.64	1.32	1.55	1.43	.61	1.33	2.86	1.685	✓
May	2.47	2.88	1.12	1.10	1.41	2.22	5.06	1.50	.68	3.17	2.161	
June	4.07	2.37	5.51	3.47	2.11	3.52	1.61	1.40	2.76	.86	2.768	✓
July	6.25	3.53	4.99	3.67	3.11	1.16	3.16	1.03	5.27	3.85	3.602	
August	2.14	5.56	4.75	2.55	1.87	1.80	2.16	1.06	3.37	5.67	3.093	
September	3.67	1.75	2.72	6.21	2.62	3.83	2.13	3.76	1.36	3.50	3.155	✓
October	3.05	2.39	3.71	5.12	1.83	4.67	4.55	2.24	.96	1.89	3.041	
November	3.34	3.44	5.33	3.22	2.00	2.72	2.24	1.35	3.85	2.05	2.954	
December	5.25	3.48	5.00	2.02	2.77	1.65	4.21	2.28	2.18	2.65	3.149	✓
TOTALS	37.28	34.84	42.90	34.88	24.94	29.07	34.47	19.84	26.84	32.75	31.781	

1880. Buglawton Church 300 yards N.E.

RAINFALL AT *Tarporley (Cote Brook)* 80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

H Bancroft Esq

Inver- 2.

Diameter								5			
Height								1.3			
Altitude								217			
Year.	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								2.80			
February . . . .								.40			
March								1.50			
April . . . . .								.70			
May								3.10			
June . . . . .								.00			
July								1.60			
August								2.90			
September. . . .								2.50			
October								2.80			
November. . . .								.70			
December								2.50			
TOTALS								21.50			

1887 *Cote Brook is 3 miles NE of Tarporley*
 1888 *Gauge tampered with*

RAINFALL AT Winsford Meadow Bank

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

H. E. Falk Esq

weaver - 2.

Diameter										4	
Height										4.0	
Altitude										90T	
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January			2.11	2.44	2.90	1.39	3.22	2.72		.44	
February			1.87	1.74	1.84	2.27	.73	1.00		2.13	
March			1.86	1.43	2.14	1.27	1.50	1.60		2.36	
April			2.87	1.49	1.47	2.94	1.62	1.04		2.71	
May			1.88	1.32	1.62	2.09	6.09	1.27		2.34	
June			4.32	2.97	.95	2.81	2.06	1.60		.48	
July			3.47	2.78	6.35	1.27	2.06	1.34		3.98	
August			3.39	1.94	1.59	2.27	.78	1.13		6.30	
September....			2.32	5.07	2.53	2.98	2.75	3.60		3.71	
October			4.22	5.58	1.76	5.80	4.05	1.87		1.93	
November....			5.75	2.95	2.10	2.80	.78	1.04		3.00	
December			5.09	2.31	2.66	1.04	2.04	2.15		3.00	
TOTALS			39.15	32.02	27.91	28.93	27.68	20.36	NR	32.38	

1889 Whipsall Ch 2 miles N

House 30ft high 15ft E

RAINFALL AT Winsford Catsclough80

Lat. Lon. County of Cheshire
..... Rain Gauge, by Observer

weaver - 2.

Diameter									5		
Height									4 -		
Altitude									95T		
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January									1.32		
February									1.42		
March									1.74		
April									1.38		
May .....									.87		
June											
July											
August											
September....											
October											
November....											
December											
TOTALS											

Whitegate Church 2 miles N.

RAINFALL AT *Bursley Reservoir*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

M S & L A Co.

measured 2.

Diameter	9											
Height	3.6											
Altitude	590 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.80	.37	2.09	2.92	4.18	1.39	4.50	1.76	1.80	1.28	2.109	
February	2.55	4.17	2.19	2.78	1.91	1.49	.88	.83	1.25	1.63	1.968	
March	2.12	3.52	2.21	.74	2.36	1.78	2.54	1.28	1.88	2.97	2.140	
April	2.02	1.30	3.06	1.60	1.30	1.82	1.32	.76	1.74	2.29	1.721	
May	2.01	2.79	1.17	1.21	1.71	2.17	4.90	1.91	.70	3.19	2.176	
June	2.93	2.22	6.22	3.90	1.95	3.14	1.68	.74	2.78	.99	2.655	
July	5.69	3.63	5.59	3.11	4.11	1.37	4.49	1.52	4.83	3.31	3.765	
August	1.85	6.25	4.50	2.52	1.83	1.81	2.27	1.37	2.61	4.83	2.984	
September	4.63	1.99	2.20	6.17	3.36	4.08	2.07	3.60	1.28	3.18	3.256	
October	2.54	2.31	3.84	5.57	2.33	5.44	4.35	2.35	1.00	2.44	3.217	
November	3.51	3.52	5.13	3.54	1.87	2.51	2.42	1.40	3.21	1.50	2.861	
December	5.27	3.37	4.50	3.00	2.34	1.98	4.27	2.01	2.09	2.74	3.157	
TOTALS	35.92	35.44	42.70	37.06	29.25	28.98	35.69	19.53	25.17	30.35	32.009	

N. B. Values rejected from Survey, 1928.

RAINFALL AT *Macclesfield, Wincle* **80**

Lat. Lon. County of *Cheshire*
 Rain Gauge, by Observer *M. A. Stubbs, Esq., C.E.*

number 2.

Diameter	<i>5</i>										
Height	<i>3.0</i>										
Altitude	<i>500</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.51</i>	<i>.12</i>	<i>2.77</i>	<i>3.73</i>	<i>3.10</i>	<i>3.08</i>	<i>5.27</i>	<i>2.25</i>	<i>3.02</i>	<i>1.50</i>	<i>2.535</i>
February	<i>3.53</i>	<i>3.53</i>	<i>2.68</i>	<i>3.38</i>	<i>2.73</i>	<i>1.69</i>	<i>.95</i>	<i>1.32</i>	<i>1.50</i>	<i>2.03</i>	<i>2.334</i>
March	<i>2.71</i>	<i>2.99</i>	<i>2.76</i>	<i>.68</i>	<i>1.63</i>	<i>2.81</i>	<i>2.44</i>	<i>1.47</i>	<i>2.88</i>	<i>4.85</i>	<i>2.522</i>
April	<i>2.75</i>	<i>.71</i>	<i>4.32</i>	<i>1.90</i>	<i>1.41</i>	<i>2.81</i>	<i>1.58</i>	<i>1.15</i>	<i>1.84</i>	<i>2.77</i>	<i>2.124</i>
May	<i>2.34</i>	<i>3.57</i>	<i>1.81</i>	<i>.67</i>	<i>2.26</i>	<i>2.80</i>	<i>6.41</i>	<i>2.85</i>	<i>.70</i>	<i>4.33</i>	<i>2.774</i>
June	<i>3.50</i>	<i>2.97</i>	<i>7.09</i>	<i>4.11</i>	<i>1.87</i>	<i>3.60</i>	<i>2.75</i>	<i>.84</i>	<i>3.48</i>	<i>.34</i>	<i>3.055</i>
July	<i>7.86</i>	<i>3.85</i>	<i>5.13</i>	<i>4.55</i>	<i>4.70</i>	<i>1.48</i>	<i>4.06</i>	<i>1.28</i>	<i>6.93</i>	<i>4.24</i>	<i>4.408</i>
August	<i>3.17</i>	<i>7.63</i>	<i>6.15</i>	<i>1.19</i>	<i>1.19</i>	<i>2.21</i>	<i>2.50</i>	<i>1.14</i>	<i>3.74</i>	<i>5.60</i>	<i>3.452</i>
September....	<i>5.83</i>	<i>2.87</i>	<i>2.52</i>	<i>8.39</i>	<i>3.05</i>	<i>3.71</i>	<i>2.74</i>	<i>5.86</i>	<i>1.33</i>	<i>3.73</i>	<i>3.953</i>
October	<i>1.88</i>	<i>3.84</i>	<i>5.06</i>	<i>6.21</i>	<i>2.67</i>	<i>6.35</i>	<i>6.29</i>	<i>3.15</i>	<i>1.51</i>	<i>3.26</i>	<i>4.022</i>
November....	<i>2.57</i>	<i>4.83</i>	<i>6.06</i>	<i>2.95</i>	<i>1.82</i>	<i>3.32</i>	<i>3.32</i>	<i>2.62</i>	<i>5.15</i>	<i>1.00</i>	<i>3.364</i>
December	<i>4.71</i>	<i>4.14</i>	<i>5.95</i>	<i>3.29</i>	<i>3.89</i>	<i>2.19</i>	<i>7.12</i>	<i>3.32</i>	<i>2.99</i>	<i>3.88</i>	<i>4.148</i>
TOTALS	<i>41.36</i>	<i>40.55</i>	<i>52.30</i>	<i>41.05</i>	<i>30.32</i>	<i>36.05</i>	<i>45.43</i>	<i>27.25</i>	<i>35.07</i>	<i>37.53</i>	<i>38.691</i>

1885 Jan'y 27th to 31st 3.08 in. looks fully enough for whole month - 4

N.B. Values rejected when Rainfall Survey Map prepared in Nov. 1928.

RAINFALL AT *Bosley Minns*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

M.S. & L.A. Co.

weaver 2.

Diameter	<i>9</i>											
Height	<i>3.6</i>											
Altitude	<i>1210 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.46</i>	<i>.42</i>	<i>1.92</i>	<i>2.79</i>	<i>3.48</i>	<i>2.02</i>	<i>3.42</i>	<i>2.72</i>	<i>1.35</i>	<i>1.34</i>	<i>1.992</i>	
February	<i>3.91</i>	<i>3.40</i>	<i>3.03</i>	<i>2.68</i>	<i>1.94</i>	<i>2.21</i>	<i>.78</i>	<i>.92</i>	<i>.80</i>	<i>1.54</i>	<i>2.121</i>	
March	<i>1.85</i>	<i>2.44</i>	<i>2.60</i>	<i>.52</i>	<i>2.50</i>	<i>2.23</i>	<i>3.03</i>	<i>1.19</i>	<i>2.13</i>	<i>2.05</i>	<i>2.054</i>	
April	<i>1.72</i>	<i>1.68</i>	<i>3.64</i>	<i>2.18</i>	<i>1.54</i>	<i>2.26</i>	<i>1.59</i>	<i>.79</i>	<i>1.80</i>	<i>2.76</i>	<i>1.995</i>	
May	<i>2.50</i>	<i>2.94</i>	<i>1.44</i>	<i>1.20</i>	<i>1.80</i>	<i>2.09</i>	<i>6.55</i>	<i>1.45</i>	<i>.94</i>	<i>3.90</i>	<i>2.481</i>	
June	<i>2.72</i>	<i>2.65</i>	<i>5.61</i>	<i>5.29</i>	<i>1.55</i>	<i>4.05</i>	<i>2.24</i>	<i>.86</i>	<i>3.75</i>	<i>.97</i>	<i>2.969</i>	
July	<i>6.60</i>	<i>4.14</i>	<i>6.61</i>	<i>2.89</i>	<i>4.57</i>	<i>1.37</i>	<i>4.65</i>	<i>1.40</i>	<i>7.55</i>	<i>4.14</i>	<i>4.392</i>	
August	<i>2.42</i>	<i>8.24</i>	<i>3.66</i>	<i>2.36</i>	<i>1.99</i>	<i>1.91</i>	<i>2.46</i>	<i>1.73</i>	<i>3.20</i>	<i>4.81</i>	<i>3.278</i>	
September	<i>4.42</i>	<i>4.91</i>	<i>2.84</i>	<i>6.94</i>	<i>3.06</i>	<i>4.69</i>	<i>1.84</i>	<i>3.90</i>	<i>1.19</i>	<i>3.26</i>	<i>3.705</i>	
October	<i>4.50</i>	<i>4.49</i>	<i>4.46</i>	<i>4.68</i>	<i>1.39</i>	<i>5.15</i>	<i>6.23</i>	<i>2.41</i>	<i>1.01</i>	<i>3.69</i>	<i>3.801</i>	
November	<i>2.83</i>	<i>3.83</i>	<i>3.19</i>	<i>2.21</i>	<i>1.38</i>	<i>3.63</i>	<i>2.70</i>	<i>2.68</i>	<i>5.27</i>	<i>1.72</i>	<i>2.944</i>	
December	<i>4.99</i>	<i>3.83</i>	<i>4.13</i>	<i>1.82</i>	<i>2.71</i>	<i>1.50</i>	<i>3.37</i>	<i>2.03</i>	<i>2.82</i>	<i>2.84</i>	<i>3.004</i>	
TOTALS	<i>38.92</i>	<i>42.97</i>	<i>43.13</i>	<i>35.56</i>	<i>27.91</i>	<i>33.10</i>	<i>38.86</i>	<i>22.08</i>	<i>31.81</i>	<i>33.02</i>	<i>34.736</i>	

RAINFALL AT *Middlewich, Brstock Hall* 80

Lat. _____ Lon. _____ County of *Cheshire*
Rain Gauge, by _____ Observer *Col. France Hayleurst*

weaver - 2.

Diameter	<i>5</i>										
Height	<i>2.9</i>			<i>2.0</i>							
Altitude	<i>157</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.48</i>	<i>.56</i>	<i>2.20</i>	<i>2.66</i>	<i>2.89</i>	<i>1.48</i>	<i>4.34</i>	<i>3.30</i>	<i>1.29</i>	<i>.89</i>	<i>2.009</i>
February	<i>2.06</i>	<i>4.41</i>	<i>1.97</i>	<i>2.01</i>	<i>1.57</i>	<i>1.82</i>	<i>.67</i>	<i>.48</i>	<i>.96</i>	<i>1.73</i>	<i>1.768</i>
March	<i>1.46</i>	<i>3.07</i>	<i>1.89</i>	<i>1.14</i>	<i>2.21</i>	<i>1.72</i>	<i>2.08</i>	<i>1.55</i>	<i>1.53</i>	<i>2.47</i>	<i>1.912</i>
April	<i>.93</i>	<i>1.15</i>	<i>3.07</i>	<i>1.34</i>	<i>1.08</i>	<i>1.93</i>	<i>1.37</i>	<i>.88</i>	<i>.99</i>	<i>2.76</i>	<i>1.550</i>
May	<i>2.79</i>	<i>3.25</i>	<i>1.75</i>	<i>1.02</i>	<i>1.50</i>	<i>1.45</i>	<i>6.84</i>	<i>1.62</i>	<i>.74</i>	<i>2.24</i>	<i>2.320</i>
June	<i>3.02</i>	<i>2.04</i>	<i>5.69</i>	<i>3.13</i>	<i>.77</i>	<i>2.83</i>	<i>1.40</i>	<i>1.39</i>	<i>2.02</i>	<i>.69</i>	<i>2.298</i>
July	<i>5.59</i>	<i>2.07</i>	<i>4.02</i>	<i>3.01</i>	<i>4.65</i>	<i>1.02</i>	<i>2.56</i>	<i>1.17</i>	<i>5.51</i>	<i>3.94</i>	<i>3.354</i>
August	<i>2.61</i>	<i>3.58</i>	<i>3.68</i>	<i>1.83</i>	<i>1.50</i>	<i>1.89</i>	<i>1.27</i>	<i>1.16</i>	<i>3.03</i>	<i>5.30</i>	<i>2.585</i>
September....	<i>3.02</i>	<i>2.79</i>	<i>2.10</i>	<i>4.88</i>	<i>2.37</i>	<i>4.05</i>	<i>3.44</i>	<i>2.97</i>	<i>.66</i>	<i>3.49</i>	<i>2.977</i>
October	<i>4.43</i>	<i>3.03</i>	<i>3.43</i>	<i>4.56</i>	<i>1.42</i>	<i>5.43</i>	<i>4.77</i>	<i>2.13</i>	<i>1.08</i>	<i>2.04</i>	<i>3.232</i>
November....	<i>3.37</i>	<i>3.12</i>	<i>4.86</i>	<i>3.11</i>	<i>2.05</i>	<i>2.95</i>	<i>2.46</i>	<i>1.03</i>	<i>3.45</i>	<i>1.81</i>	<i>2.821</i>
December	<i>5.35</i>	<i>3.12</i>	<i>4.83</i>	<i>1.53</i>	<i>2.77</i>	<i>1.56</i>	<i>4.40</i>	<i>2.14</i>	<i>1.95</i>	<i>2.30</i>	<i>2.995</i>
TOTALS	<i>35.11</i>	<i>32.19</i>	<i>39.49</i>	<i>30.22</i>	<i>24.78</i>	<i>28.13</i>	<i>35.60</i>	<i>19.82</i>	<i>23.21</i>	<i>29.66</i>	<i>29.821</i>

1887 Davenham Church 2 miles N

RAINFALL AT Siddington Thornycroft Hall 80

Lat.

Lon.

County of Cheshire

Rain Gauge, by

Observer M^r E Evans

weaver - 2.

Diameter		5									
Height		3.0									
Altitude		377									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .		.69	2.07		#	1.85	4.57	1.77	1.54	.93	
February		4.05	2.51			1.63	.74	.98	1.64	2.08	
March		3.54	2.02			2.06	2.24	1.32	1.99	2.72	
April		1.11	3.25			1.55	1.60	.89	1.56	2.06	
May		2.61	1.55			2.08	4.75	2.01	.76	3.25	
June		2.46	6.38			3.20	1.96	1.04	3.11	.92	
July	2.60	2.81	4.49			1.61	4.47	1.10	6.53	3.26	
August	1.50	5.02	4.59			1.59	2.40	1.22	3.47	5.12	
September	1.82	2.03	2.26			3.79	2.59	3.52	1.28	3.19	
October	1.39	2.71	3.81			4.92	4.71	1.90	1.11	2.18	
November	1.72	3.11	5.46			2.32	2.37	1.46	3.41	2.13	
December	2.64	3.24	4.85			2.09	4.29	2.58	.77	2.61	
TOTALS		33.38	43.24			28.69	36.69	19.79	27.17	30.45	

1881. Gawsworth

2½ miles

S.

Greenhouses 12ft-high 60ft W.

RAINFALL AT *Grewe, Capesthorne Hall*

80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *A. F. Claydon*

Weaver - 2.

Diameter							5				
Height							1	-			
Altitude							315	315	↑		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								2.52	1.68		
February ....								.70	1.38		
March								1.52	2.04		
April								1.11	1.80		
May								2.01	.90		
June								1.08	3.04		
July							4.30	1.35	7.77		
August							2.43	1.42			
September....							2.95	3.14			
October							4.95	2.17			
November....							2.78	1.31			
December							4.66	2.77			
TOTALS								21.10			

1887 *Capesthorne Church 1 mile N*

Shrubs 16 ft high 70 ft S

Tree 16 ft " 27 ft SE

RAINFALL AT *Chelford, Astle Hall*

80

Lat.

Lon.

County of

Cheshire

Daily Rain Gauge, by

Observer

G. Dixon, Esq.

weaver- 2.

Diameter	<i>5</i>											
Height	<i>1. 0</i>											
Altitude	<i>250T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.72</i>	<i>.49</i>	<i>2.12</i>	<i>3.07</i>	<i>3.53</i>	<i>1.61</i>	<i>4.82</i>	<i>2.65</i>	<i>1.53</i>	<i>1.21</i>	<i>2.175</i>	
February	<i>1.86</i>	<i>4.64</i>	<i>2.60</i>	<i>1.91</i>	<i>1.73</i>	<i>1.98</i>	<i>.79</i>	<i>.61</i>	<i>1.57</i>	<i>1.99</i>	<i>1.968</i>	
March	<i>1.54</i>	<i>3.42</i>	<i>1.81</i>	<i>.86</i>	<i>2.00</i>	<i>2.10</i>	<i>2.78</i>	<i>1.61</i>	<i>1.59</i>	<i>2.70</i>	<i>2.041</i>	
April	<i>1.50</i>	<i>1.07</i>	<i>3.36</i>	<i>1.48</i>	<i>.98</i>	<i>1.43</i>	<i>1.58</i>	<i>1.12</i>	<i>1.34</i>	<i>2.69</i>	<i>1.655</i>	
May	<i>2.56</i>	<i>3.17</i>	<i>1.38</i>	<i>1.16</i>	<i>1.90</i>	<i>1.80</i>	<i>5.53</i>	<i>1.78</i>	<i>.77</i>	<i>3.75</i>	<i>2.380</i>	
June	<i>3.24</i>	<i>2.53</i>	<i>5.88</i>	<i>3.04</i>	<i>1.61</i>	<i>3.16</i>	<i>1.59</i>	<i>1.13</i>	<i>2.48</i>	<i>.57</i>	<i>2.523</i>	
July	<i>6.38</i>	<i>2.46</i>	<i>4.07</i>	<i>2.69</i>	<i>3.83</i>	<i>1.45</i>	<i>3.52</i>	<i>1.09</i>	<i>6.64</i>	<i>3.03</i>	<i>3.516</i>	
August	<i>2.22</i>	<i>4.15</i>	<i>3.95</i>	<i>2.86</i>	<i>1.49</i>	<i>1.61</i>	<i>1.64</i>	<i>1.18</i>	<i>3.83</i>	<i>5.09</i>	<i>2.802</i>	
September....	<i>3.38</i>	<i>2.35</i>	<i>2.05</i>	<i>4.70</i>	<i>2.45</i>	<i>3.58</i>	<i>2.74</i>	<i>2.91</i>	<i>1.00</i>	<i>2.66</i>	<i>2.782</i>	
October	<i>3.24</i>	<i>2.30</i>	<i>3.63</i>	<i>4.61</i>	<i>1.87</i>	<i>4.98</i>	<i>4.44</i>	<i>2.13</i>	<i>1.11</i>	<i>2.58</i>	<i>3.089</i>	
November	<i>3.10</i>	<i>2.85</i>	<i>5.19</i>	<i>3.30</i>	<i>1.81</i>	<i>2.35</i>	<i>2.54</i>	<i>1.30</i>	<i>3.64</i>	<i>1.37</i>	<i>2.765</i>	
December	<i>5.01</i>	<i>3.11</i>	<i>4.85</i>	<i>1.92</i>	<i>2.89</i>	<i>2.02</i>	<i>3.99</i>	<i>2.41</i>	<i>2.29</i>	<i>1.89</i>	<i>3.038</i>	
TOTALS	<i>34.75</i>	<i>32.54</i>	<i>40.89</i>	<i>31.60</i>	<i>26.09</i>	<i>28.27</i>	<i>35.96</i>	<i>19.92</i>	<i>27.79</i>	<i>29.53</i>	<i>30.734</i>	

1880. Chelford

1/4 mile

E

Trees 40ft high 60ft E+W.

1882

50ft

90ft NE

RAINFALL AT Chelford, Asth Hall

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

G. Dixon, Esq.

weaver - 2.

Monthly

Diameter	8											
Height	1. 0											
Altitude	250 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.73	.53	2.10	3.07	3.53		# 4.80	2.60	1.46	1.07		
February	1.88	4.65	2.58	1.90	1.73		.74	.58	1.02	1.69		
March	1.58	3.40	1.81	.80	2.00		2.76	1.35	1.68	3.01		
April	1.48	1.05	3.36	1.48	.98		1.45	1.04	1.21	2.56		
May	2.54	3.15	1.30	1.13	1.85		5.64	1.74	.59	3.64		
June	3.25	2.56	5.65	2.91	1.54		1.56	1.01	2.38	.58		
July	6.39	2.37	4.08	2.56	3.81		3.40	.87	6.67	3.17		
August	2.20	4.20	3.93	2.66	1.47		1.60	1.18	3.78	4.88		
September	3.36	2.34	2.07	4.68	2.50		2.78	2.76	1.00	2.70		
October	3.26	2.34	3.66	4.61	1.87		4.40	2.10	1.10	2.49		
November	3.12	2.85	5.21	3.31	1.80		2.58	1.05	3.45	2.00		
December	5.04	3.10	4.54	1.92	2.87		3.64	2.50	2.17	2.36		
TOTALS	34.83	32.54	40.29	31.03	25.95		35.35	18.78	26.51	30.15		

Chelford Church 1/4 mile E

Trees 40ft high 60ft E

Trees 80ft .. 240ft W

1889

RAINFALL AT *Northwich, Highfield* 80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

L.B. Mellis, Esq., C.E.

weaver - 2.

Diameter	8											
Height	3.4											
Altitude	118 ∇											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.61	.40	2.23	3.49	3.38	1.65	4.40	2.66	.96	.89	2.067	
February	1.78	4.43	2.28	2.17	1.77	2.01	.81	1.03	.82	2.05	1.915	
March	1.58	3.27	1.75	1.41	2.10	1.70	1.79	1.42	1.32	2.66	1.900	
April	1.20	1.19	3.18	1.52	1.14	2.01	1.45	1.36	1.12	2.59	1.676	
May	2.75	3.36	1.83	.94	1.83	2.03	6.44	1.63	.99	2.44	2.424	
June	3.78	2.16	5.35	2.37	.75	2.81	1.65	1.42	1.65	.79	2.273	
July	4.92	2.89	4.69	2.94	4.05	1.36	2.23	1.14	6.22	4.54	3.498	
August	2.34	4.00	3.57	3.22	1.43	2.25	1.36	1.26	2.85	5.55	2.783	
September	3.57	2.65	2.40	5.14	2.26	4.09	3.77	3.21	1.17	4.03	3.223	
October	4.22	2.67	3.06	5.42	1.46	5.98	4.03	2.19	.94	2.47	3.244	
November	3.88	2.92	4.94	3.16	2.09	2.85	2.83	.66	3.99	2.04	2.936	
December	4.77	3.30	4.83	1.78	2.85	1.74	4.48	2.61	1.86	2.21	3.043	
TOTALS	35.34	33.24	40.11	33.56	25.11	30.48	35.24	20.59	23.89	32.26	30.982	

1880. *Wilton Church*

1 mile

N.N.E.

RAINFALL AT *Northwich, Munnington* 80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *H. Neumann, Esq.*

weaver - 2.

Diameter	<i>8</i>											
Height	<i>1.6</i>			<i>1.3</i>				<i>2.0</i>	<i>1.6</i>	<i>2.0</i>		
Altitude	<i>120 T</i>									<i>110</i>		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.55</i>	<i>.52</i>	<i>2.21</i>	<i>3.29</i>	<i>3.05</i>	<i>1.61</i>	<i>4.30</i>	<i>3.22</i>	<i>1.62</i>	<i>1.00</i>		
February	<i>1.60</i>	<i>3.70</i>	<i>2.32</i>	<i>2.10</i>	<i>1.68</i>	<i>2.07</i>	<i>.54</i>	<i>.42</i>	<i>.86</i>	<i>2.03</i>		
March	<i>1.42</i>	<i>2.94</i>	<i>1.73</i>	<i>1.22</i>	<i>2.22</i>	<i>1.69</i>	<i>1.77</i>	<i>1.49</i>	<i>(1.02)</i>	<i>2.77</i>		
April	<i>1.11</i>	<i>1.13</i>	<i>3.36</i>	<i>1.51</i>	<i>1.11</i>	<i>1.79</i>	<i>1.42</i>	<i>1.22</i>	<i>1.06</i>	<i>2.42</i>		
May	<i>2.71</i>	<i>3.16</i>	<i>1.65</i>	<i>.95</i>	<i>1.81</i>	<i>2.10</i>	<i>6.29</i>	<i>1.96</i>	<i>.50</i>	<i>2.46</i>		
June	<i>4.01</i>	<i>2.09</i>	<i>5.01</i>	<i>3.31</i>	<i>.74</i>	<i>2.82</i>	<i>1.70</i>	<i>1.21</i>	<i>2.40</i>	<i>.87</i>		
July	<i>4.76</i>	<i>2.73</i>	<i>4.79</i>	<i>3.91</i>	<i>4.14</i>	<i>1.29</i>	<i>2.37</i>	<i>.92</i>	<i>6.73</i>	<i>4.75</i>		
August	<i>2.33</i>	<i>4.14</i>	<i>3.21</i>	<i>2.86</i>	<i>1.47</i>	<i>2.38</i>	<i>1.31</i>	<i>1.25</i>	<i>3.26</i>	<i>5.37</i>		
September	<i>3.50</i>	<i>2.63</i>	<i>2.34</i>	<i>5.12</i>	<i>2.35</i>	<i>4.41</i>	<i>3.66</i>	<i>3.27</i>	<i>1.24</i>	<i>3.94</i>		
October	<i>4.28</i>	<i>2.70</i>	<i>2.98</i>	<i>5.24</i>	<i>1.40</i>	<i>6.01</i>	<i>4.43</i>	<i>2.21</i>	<i>1.21</i>	<i>2.42</i>		
November	<i>3.69</i>	<i>2.89</i>	<i>4.60</i>	<i>2.81</i>	<i>2.28</i>	<i>2.66</i>	<i>2.40</i>	<i>1.46</i>	<i>3.88</i>	<i>2.22</i>		
December	<i>4.91</i>	<i>2.79</i>	<i>4.92</i>	<i>1.49</i>	<i>2.61</i>	<i>1.67</i>	<i>4.23</i>	<i>2.37</i>	<i>1.99</i>	<i>2.15</i>		
TOTALS	<i>34.92</i>	<i>31.42</i>	<i>39.12</i>	<i>33.81</i>	<i>24.86</i>	<i>30.50</i>	<i>34.42</i>	<i>21.00</i>	<i>25.77</i>	<i>32.40</i>		

1880. Nitton Church 1 mile ^E SE

*1888 March 14th Gauge moved to Wincham 2 1/2 miles S.
Lostock Church 1/2 mile S.*

RAINFALL AT *Northwich, Winnington*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

Messrs Brunner, Mond & Co.

Weaver 2.

Diameter					5						
Height					3'10		3'8				
Altitude					90		110	11			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						1.39	3.88	3.07	1.26	.82	
February						1.76	.79	.48	.59	1.64	
March						2.16	1.69	1.45	1.81	2.15	
April						1.84	1.43	1.10	.96	2.45	
May						2.06	6.44	1.69	.80	2.39	
June						2.65	1.67	1.31	2.03	.77	
July						1.17	2.43	1.04	6.63	4.02	
August						2.33	1.25	1.17	3.01	4.63	
September....					2.30	4.16	3.45	3.06	1.20	3.76	
October					1.18	5.40	4.32	2.06	1.01	2.35	
November....					2.09	2.65	2.36	.93	3.72	2.04	
December					2.36	1.31	3.60	2.09	1.77	1.97	
TOTALS						28.88	33.31	19.45	24.79	28.99	

Wotton Church 1 1/2 miles W.

Houses 30 ft high 100 ft N

Elm Tree 30 ft " 78 ft N.N.W.

N.B. Values rejected from Survey, 1928

RAINFALL AT *Grodsham, Foxhill*

80

Lat. _____ Lon. _____ County of *Cheshire*

Rain Gauge, by _____ Observer *J. Reynolds, Esq.*

Lower mersey - 3.

Diameter	<i>5</i>											
Height	<i>10</i>								<i>1.0</i>	<i>- 10</i>		
Altitude	<i>230 T</i>								<i>350</i>	<i>330 T</i>		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.53</i>	<i>.47</i>	<i>2.44</i>	<i>3.09</i>	<i>2.84</i>	<i>1.58</i>	<i>4.38</i>		<i>1.31</i>	<i>.69</i>		
February	<i>1.63</i>	<i>3.71</i>	<i>2.58</i>	<i>1.82</i>	<i>2.13</i>	<i>2.09</i>	<i>.98</i>		<i>.99</i>	<i>1.80</i>		
March	<i>1.37</i>	<i>2.85</i>	<i>1.80</i>	<i>1.42</i>	<i>2.16</i>	<i>1.89</i>	<i>1.74</i>		<i>1.96</i>	<i>1.73</i>		
April	<i>1.49</i>	<i>1.38</i>	<i>2.98</i>	<i>.93</i>	<i>1.15</i>	<i>1.67</i>	<i>1.43</i>		<i>.82</i>	<i>3.14</i>		
May	<i>2.59</i>	<i>3.06</i>	<i>1.53</i>	<i>.82</i>	<i>1.54</i>	<i>1.54</i>	<i>7.67</i>		<i>.62</i>	<i>2.38</i>		
June	<i>2.11</i>	<i>2.51</i>	<i>4.41</i>	<i>3.00</i>	<i>2.04</i>	<i>2.62</i>	<i>2.01</i>		<i>2.07</i>	<i>.39</i>		
July	<i>5.98</i>	<i>2.67</i>	<i>4.37</i>	<i>2.59</i>	<i>2.83</i>	<i>1.59</i>	<i>2.66</i>		<i>6.14</i>	<i>2.95</i>		
August	<i>2.01</i>	<i>5.30</i>	<i>2.89</i>	<i>2.31</i>	<i>1.52</i>	<i>2.21</i>	<i>1.83</i>		<i>3.33</i>	<i>4.80</i>		
September	<i>2.67</i>	<i>2.32</i>	<i>3.07</i>	<i>4.66</i>	<i>2.33</i>	<i>4.01</i>	<i>3.84</i>		<i>1.29</i>	<i>2.81</i>		
October	<i>5.02</i>	<i>2.78</i>	<i>3.05</i>	<i>4.99</i>	<i>1.15</i>	<i>6.49</i>	<i>4.48</i>		<i>1.02</i>	<i>2.96</i>		
November	<i>2.85</i>	<i>2.66</i>	<i>4.21</i>	<i>2.56</i>	<i>1.89</i>	<i>2.96</i>	<i>2.46</i>		<i>4.75</i>	<i>2.18</i>		
December	<i>5.22</i>	<i>3.03</i>	<i>4.04</i>	<i>1.45</i>	<i>2.06</i>	<i>1.35</i>	<i>4.28</i>		<i>1.71</i>	<i>2.17</i>		
TOTALS	<i>33.47</i>	<i>32.74</i>	<i>37.37</i>	<i>29.64</i>	<i>23.64</i>	<i>30.00</i>	<i>37.70</i>	<i>lost</i>	<i>26.01</i>	<i>28.00</i>		

1881 St. Pauls Helby 1 1/2 miles S.W. W.
1882 Trees 20ft high 60ft S

RAINFALL AT *Frodsham Dunsdale*

80

Lat.

Lon. County of *Cheshire*

Rain Gauge, by

Observer *J. Simpson*

Lower heavy - 3.

Diameter				5							
Height				1.1							
Altitude				206							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January....					2.88	1.64	3.73	2.12	1.55	.67	
February....					2.07	2.33	.81	.75	.99	2.40	
March					2.37	1.83	1.51	1.45	2.00	1.84	
April					1.25	1.68	1.64	.74	.75	2.75	
May					1.49	1.59	7.24	2.05	.62	2.24	
June					1.97	2.53	2.01	1.25	2.06	.34	
July					3.16	1.90	2.40	1.26	6.31	3.15	
August					1.63	2.22	1.59	2.32	3.11	5.06	
September....					2.29	4.15	3.61	3.86	1.25	2.93	
October				# .55	1.25	6.02	4.52	2.03	1.17	3.01	
November....				2.71	2.03	2.88	2.44	1.28	4.77	2.25	
December				1.40	3.04	1.56	4.11	2.35	1.72	2.36	
TOTALS					25.43	30.33	35.61	21.46	26.30	29.00	

RAINFALL AT *Hoyleake The Chase East*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

J. F. Leigh Blair Esq

L. Mersey - 3.

Diameter									5		
Height										- 11	
Altitude									10	295	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January									# .82	.74	
February ....									.82	1.70	
March									1.83	1.31	
April									1.47	3.05	
May .....									.50	2.07	
June									1.91	.45	
July ..									5.10	2.16	
August									2.91	4.19	
September....									.46	1.76	
October									1.08	2.92	
November....									4.39	1.88	
December									1.04	2.46	
TOTALS									22.33	24.69	

1889 Hoyleake Church 1 mile E

House 15 ft high 75 ft S

N. B. Values rejected when Rainfall Survey Map prepared in Nov. 1928,

RAINFALL AT Birkenhead, Bidstone Ck.

Lat.

Lon. County of Cheshire

Rain Gauge, by

Observer L. Hartnup, Jun., Esq.

L. Henry - 3.

Diameter	8											
Height	6							1.0				
Altitude	182 T							189 \nearrow				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.74	1.09	2.22	2.78	2.91	1.46	3.62	2.42	1.27	.71	1.922	
February	1.25	3.29	1.51	1.46	2.13	2.35	1.08	.49	1.08	2.10	1.674	
March	1.79	2.86	2.08	1.03	2.23	1.74	2.11	1.34	2.06	2.05	1.929	
April	1.06	1.54	3.14	.85	1.04	1.83	1.39	.92	1.10	3.04	1.591	
May	2.13	2.72	1.05	.77	1.13	1.32	4.72	1.80	.55	2.45	1.864	
June	2.42	2.35	4.25	2.21	.78	2.02	.95	1.42	2.03	.84	1.927	
July	4.69	2.60	4.55	2.99	3.76	2.29	3.72	1.10	4.99	2.11	3.280	
August	1.57	4.34	2.19	2.27	2.38	1.94	1.70	1.95	2.81	3.95	2.504	
September	2.91	1.61	2.56	5.30	2.83	4.12	3.41	4.03	.68	1.97	2.942	
October	4.66	3.06	2.46	5.00	1.48	6.21	4.94	2.27	1.66	3.02	3.476	
November	3.12	2.47	4.61	2.75	1.88	2.76	3.17	1.20	4.48	2.44	2.888	
December	5.06	2.74	3.85	1.52	2.73	1.49	3.81	1.88	1.38	2.69	2.715	
TOTALS	31.34	30.67	34.47	28.93	25.28	29.53	34.62	20.82	24.09	27.37	28.712	

Dec - 14.

Diameter	5											
Height	3 0											
Altitude	60 ft											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.45	.62	2.08	3.36	2.54	1.13	2.97					
February	1.67	2.91	1.41	2.74	2.79	2.73	.99					
March	1.40	2.85	1.29	1.06	2.50	1.02	1.66					
April	1.12	.81	3.47	.78	.86	1.59	1.25					
May	2.87	1.43	1.72	1.45	.85	1.61	6.63					
June	3.15	2.26	3.24	2.92	2.26	2.16	1.35					
July	6.85	1.87	2.79	2.10	3.54	.88	2.34					
August	2.68	3.56	2.06	1.18	1.05	1.43	.63					
September	2.55	1.63	1.47	4.50	1.61	3.08	3.31					
October	5.43	2.58	2.97	2.97	.93	5.31	3.98					
November	2.69	2.50	3.59	2.45	2.39	2.53	2.12					
December	4.27	2.30	3.81	.95	1.77	.54	3.82					
TOTALS	35.13	25.34	29.90	26.46	23.09	24.01	31.04					

1880. Pulford

1884 gauge moved a few feet

15.

N.B. Values rejected when Rainfall Survey Map prepared in Nov. 1928.

RAINFALL AT

Eaton Hall Gardens

Lat.

Lon.

County of

Cheshire

Dec - 4 .

Rain Gauge, by

Observer

Mr N. F. Barnes

Diameter							5				
Height							3 0				
Altitude							64 π				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							3.23	3.71	.88	.50	
February ....							.91	1.07	.72	2.55	
March							3.00	1.38	1.66	2.76	
April							1.31	.85	1.05	2.65	
May							6.25	1.90	.50	2.13	
June							2.87	1.47	2.21	.67	
July							2.33	2.18	5.81	3.53	
August .....							.83	2.18	3.38	3.06	
September....							3.28	2.63	.78	2.79	
October							4.30	2.57	.97	2.68	
November							1.91	1.12	3.67	2.10	
December							3.71	2.02	1.79	1.79	
TOTALS							33.93	23.08	23.42	27.21	

RAINFALL AT Eccleston

80

Lat. Lon. County of Geshire

Rain Gauge, by Observer E Wells Jr Esq

Dec - 4.

Diameter . . .										5	
Height										1.1	
Altitude										94 π	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .										.55	
February										2.17	
March										2.21	
April										2.38	
May										1.77	
June . . . . .										.56	
July										3.46	
August										2.75	
September										2.52	
October										2.63	
November										1.99	
December										2.24	
TOTALS										25.23	

Eccleston Church 350 yards NE

Buildings 20ft high 25ft N

RAINFALL AT

Chester (Rowton Grange)

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

F. R. Fleming Esq.

Dec - 4 -

Diameter				5							
Height				1.							
Altitude				164 B							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				3.56	2.50	2.36	2.86	3.21	1.00	.53	
February				1.91	2.16	2.43	.83	1.25	.93	2.42	
March				1.09	2.48	1.61	1.90	1.16	1.92	2.22	
April .....				.87	1.17	1.93	1.47	.81	.97	2.83	
May .....				.98	1.16	1.78	6.41	1.74	.55	1.64	
June				2.74	2.16	2.48	2.33	1.41	2.03	.49	
July				2.09	3.09	1.19	2.42	2.03	5.42	3.24	
August				1.76	1.27	1.54	1.03	1.74	3.27	3.14	
September				5.64	1.75	2.99	3.29	2.70	1.15	2.44	
October				3.24	1.11	5.44	4.00	2.15	.95	2.78	
November				2.57	2.29	2.88	2.64	.95	3.46	2.08	
December				1.08	2.04	.92	3.71	1.87	1.66	2.20	
TOTALS				27.53	23.18	27.55	32.89	21.02	23.31	26.01	

1883. *Christleton Ch. $\frac{3}{4}$ m(?) N.*
Greenhouse 10ft high 18.6 ft N.

RAINFALL AT *Chester Christleton Hall* 80

Lat. Lon. County of *Cheshire*
 Rain Gauge, by Observer *W. J. Weaver*

Dec-4.

Diameter				<i>5</i>							
Height				<i>1.2</i>							
Altitude				<i>142</i>							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	<i>(.55)</i>	<i>2.08</i>	<i>2.94</i>	<i>2.66</i>	<i>1.12</i>	<i>3.30</i>	<i>3.57</i>	<i>.98</i>	<i>.59</i>		
February	<i>(2.69)</i>	<i>1.56</i>	<i>1.91</i>	<i>2.73</i>	<i>2.58</i>	<i>.88</i>	<i>.42</i>	<i>.98</i>	<i>2.19</i>		
March	<i>(2.46)</i>	<i>1.70</i>	<i>1.18</i>	<i>2.11</i>	<i>1.35</i>	<i>1.77</i>	<i>1.27</i>	<i>1.49</i>	<i>2.46</i>		
April	<i>(.88)</i>	<i>3.36</i>	<i>.87</i>	<i>1.23</i>	<i>1.92</i>	<i>1.55</i>	<i>.81</i>	<i>1.12</i>	<i>2.91</i>		
May	<i>(1.81)</i>	<i>1.86</i>	<i>1.09</i>	<i>1.26</i>	<i>1.41</i>	<i>6.64</i>	<i>1.81</i>	<i>.45</i>	<i>1.69</i>		
June	<i>(1.90)</i>	<i>4.57</i>	<i>3.23</i>	<i>2.11</i>	<i>2.47</i>	<i>2.18</i>	<i>1.39</i>	<i>2.17</i>	<i>.60</i>		
July	<i>(1.98)</i>	<i>3.56</i>	<i>2.24</i>	<i>3.25</i>	<i>1.45</i>	<i>2.57</i>	<i>2.20</i>	<i>6.02</i>	<i>3.21</i>		
August	<i>(4.22)</i>	<i>2.89</i>	<i>1.71</i>	<i>1.31</i>	<i>1.64</i>	<i>1.04</i>	<i>1.81</i>	<i>3.40</i>	<i>3.34</i>		
September	<i>(2.01)</i>	<i>1.75</i>	<i>4.99</i>	<i>2.16</i>	<i>3.03</i>	<i>3.52</i>	<i>3.26</i>	<i>1.22</i>	<i>2.91</i>		
October	<i>(2.44)</i>	<i>2.98</i>	<i>3.44</i>	<i>1.19</i>	<i>5.65</i>	<i>4.19</i>	<i>2.34</i>	<i>1.01</i>	<i>2.95</i>		
November	<i>(2.56)</i>	<i>3.95</i>	<i>2.16</i>	<i>2.26</i>	<i>2.89</i>	<i>2.71</i>	<i>1.04</i>	<i>3.94</i>	<i>2.17</i>		
December	<i>(2.75)</i>	<i>4.03</i>	<i>1.48</i>	<i>2.03</i>	<i>.89</i>	<i>3.89</i>	<i>1.92</i>	<i>1.85</i>	<i>2.20</i>		
TOTALS	<i>(34.40)</i>	<i>26.75</i>	<i>34.29</i>	<i>27.24</i>	<i>24.30</i>	<i>26.40</i>	<i>34.24</i>	<i>21.84</i>	<i>24.63</i>	<i>27.22</i>	<i>(28.081)</i>

Newton Nurseries (for purpose of average VII. 1911)
1881 months Newton Nurseries 41.20.
1883. St James' Ch. 400 yds. S.S.E.
Bush fruit trees 3 to 5 ft high 15 ft. W. & S.

RAINFALL AT Chester Lead Works 80

Lat.

Lon. County of Cheshire

Rain Gauge, by

Observer A. O. Walker, Esq.

Dec - 14.

Diameter	<u>5</u>											
Height	<u>1.0</u>											
Altitude	<u>647</u>		<u>657</u>									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<u>.93</u>	<u>.46</u>	<u>2.06</u>	<u>2.92</u>	<u>2.71</u>	<u>1.14</u>	<u>3.41</u>	<u>3.20</u>	<u>.90</u>			
February	<u>1.37</u>	<u>3.10</u>	<u>1.78</u>	<u>2.03</u>	<u>2.76</u>	<u>2.41</u>	<u>.93</u>	<u>.32</u>	<u>.92</u>			
March	<u>1.16</u>	<u>2.69</u>	<u>1.62</u>	<u>1.17</u>	<u>3.09</u>	<u>1.46</u>	<u>1.67</u>	<u>1.09</u>	<u>1.53</u>			
April	<u>1.13</u>	<u>.88</u>	<u>3.59</u>	<u>.79</u>	<u>.92</u>	<u>1.55</u>	<u>1.54</u>	<u>.61</u>	<u>1.01</u>			
May	<u>2.88</u>	<u>1.58</u>	<u>2.16</u>	<u>1.09</u>	<u>.94</u>	<u>1.38</u>	<u>6.74</u>	<u>1.83</u>	<u>.59</u>			
June	<u>2.01</u>	<u>1.98</u>	<u>3.95</u>	<u>2.94</u>	<u>2.06</u>	<u>2.34</u>	<u>2.09</u>	<u>1.42</u>	<u>2.06</u>			
July	<u>6.66</u>	<u>1.55</u>	<u>3.52</u>	<u>1.86</u>	<u>4.08</u>	<u>1.05</u>	<u>2.60</u>	<u>2.20</u>	<u>5.82</u>			
August	<u>2.04</u>	<u>3.86</u>	<u>2.53</u>	<u>1.64</u>	<u>1.05</u>	<u>1.36</u>	<u>.93</u>	<u>1.49</u>	<u>3.62</u>			
September	<u>2.13</u>	<u>1.83</u>	<u>1.80</u>	<u>5.07</u>	<u>1.95</u>	<u>3.30</u>	<u>3.18</u>	<u>2.94</u>	<u>1.03</u>			
October	<u>4.66</u>	<u>2.50</u>	<u>2.45</u>	<u>3.41</u>	<u>1.13</u>	<u>5.63</u>	<u>4.27</u>	<u>2.56</u>	<u>.92</u>			
November	<u>2.64</u>	<u>2.31</u>	<u>4.13</u>	<u>2.62</u>	<u>2.17</u>	<u>2.89</u>	<u>2.54</u>	<u>1.06</u>	<u>4.20</u>			
December	<u>5.03</u>	<u>2.54</u>	<u>4.32</u>	<u>1.24</u>	<u>1.99</u>	<u>.90</u>	<u>3.77</u>	<u>1.87</u>	<u>1.72</u>			
TOTALS	<u>32.64</u>	<u>25.28</u>	<u>33.91</u>	<u>26.78</u>	<u>24.85</u>	<u>25.41</u>	<u>33.67</u>	<u>20.59</u>	<u>24.32</u>			

RAINFALL AT *Chester, Lead Works Field*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

A. G. Walker, Esq

Dec - 4 .

Diameter		5									
Height		1.0						1.2			
Altitude		677									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...		.54	2.00	2.96	2.76	1.14	3.40	3.27	.94		
February ...		2.83	1.76	2.00	2.59	2.42	.93	.35	.89		
March		2.54	1.71	1.29	2.37	1.51	1.68	1.06	1.40		
April .....		.89	3.62	.87	.96	1.71	1.54	.74	1.09		
May		1.68	2.12	1.11	1.06	1.45	6.57	1.90	.59		
June		2.23	3.99	3.10	2.07	2.45	2.17	1.39	2.03		
July		1.63	3.82	1.89	4.13	1.15	2.62	2.36	5.75		
August		3.77	2.62	1.58	1.11	1.47	.99	1.52	3.36		
September ...		1.87	1.78	4.27	2.03	3.18	3.25	2.82	1.13		
October		2.44	2.41	3.33	1.11	5.34	4.23	2.49	1.00		
November		2.29	4.03	2.55	2.13	2.85	2.57	1.09	4.08		
December		2.48	4.31	1.19	1.99	.86	3.85	1.79	1.73	#	
TOTALS		25.19	34.17	26.14	24.31	25.53	33.74	20.78	23.99		

Gauge in field surrounded by 4ft hurdles 6ft distant

RAINFALL AT *Chester Abbotts Hayes*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

C. H. Cotton

Dec - 44.

Diameter				5							
Height				1.2							
Altitude				84	80B						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January... ..					2.76						
February					2.96						
March					2.40						
April					1.05						
May					1.02						
June					1.99						
July					4.56						
August				# 1.92	1.09						
September....				4.66	2.12						
October				3.41	1.09						
November....				2.47	2.32						
December				1.24	1.90						
TOTALS					25.26						

St Oswalds Church 250 yards S.W.

Trees 15ft-high 20ft S.

1884 " 20ft " 16ft N

RAINFALL AT *Chester Newton Nurseries* 80

Lat. _____ Lon. _____ County of *Cheshire*
 Rain Gauge, by _____ Observer *J. Dickson & Sons*

See - 14.

Diameter	<i>8</i>							<i>5</i>			
Height	<i>8</i>							<i>1.0</i>			
Altitude	<i>62 ft</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.91</i>	<i>.55</i>	<i>2.26</i>	<i>3.02</i>	<i>3.04</i>	<i>1.25</i>	<i>3.87</i>	<i>3.37</i>	<i>1.32</i>	<i>.72</i>	<i>2.031</i>
February	<i>1.31</i>	<i>2.69</i>	<i>2.06</i>	<i>1.81</i>	<i>2.87</i>	<i>2.21</i>	<i>1.13</i>	<i>.39</i>	<i>1.13</i>	<i>2.24</i>	<i>1.784</i>
March	<i>1.11</i>	<i>2.46</i>	<i>1.81</i>	<i>1.38</i>	<i>2.48</i>	<i>1.63</i>	<i>1.90</i>	<i>1.40</i>	<i>1.57</i>	<i>2.17</i>	<i>1.791</i>
April	<i>1.15</i>	<i>.88</i>	<i>3.84</i>	<i>.92</i>	<i>1.13</i>	<i>1.79</i>	<i>1.58</i>	<i>.77</i>	<i>.97</i>	<i>2.79</i>	<i>1.582</i>
May	<i>2.89</i>	<i>1.81</i>	<i>2.13</i>	<i>1.21</i>	<i>1.18</i>	<i>1.66</i>	<i>7.25</i>	<i>2.14</i>	<i>.68</i>	<i>1.50</i>	<i>2.245</i>
June	<i>2.51</i>	<i>1.90</i>	<i>4.40</i>	<i>3.22</i>	<i>2.17</i>	<i>3.03</i>	<i>2.10</i>	<i>1.53</i>	<i>2.24</i>	<i>.82</i>	<i>2.392</i>
July	<i>6.92</i>	<i>1.98</i>	<i>3.78</i>	<i>1.91</i>	<i>4.77</i>	<i>1.16</i>	<i>2.86</i>	<i>2.39</i>	<i>5.11</i>	<i>3.27</i>	<i>3.415</i>
August	<i>2.14</i>	<i>4.22</i>	<i>2.66</i>	<i>1.86</i>	<i>1.30</i>	<i>1.61</i>	<i>1.06</i>	<i>1.75</i>	<i>3.37</i>	<i>3.34</i>	<i>2.331</i>
September	<i>2.59</i>	<i>2.01</i>	<i>1.91</i>	<i>5.22</i>	<i>2.17</i>	<i>3.39</i>	<i>3.42</i>	<i>3.53</i>	<i>.88</i>	<i>2.67</i>	<i>2.779</i>
October	<i>4.79</i>	<i>2.44</i>	<i>2.66</i>	<i>3.37</i>	<i>1.22</i>	<i>5.85</i>	<i>4.56</i>	<i>2.90</i>	<i>.97</i>	<i>2.64</i>	<i>3.140</i>
November	<i>2.94</i>	<i>2.56</i>	<i>4.43</i>	<i>3.02</i>	<i>2.24</i>	<i>2.99</i>	<i>2.79</i>	<i>1.14</i>	<i>3.88</i>	<i>2.56</i>	<i>2.855</i>
December	<i>5.14</i>	<i>2.75</i>	<i>4.65</i>	<i>1.34</i>	<i>2.36</i>	<i>1.16</i>	<i>3.82</i>	<i>2.19</i>	<i>1.67</i>	<i>2.26</i>	<i>2.734</i>
TOTALS	<i>34.40</i>	<i>26.25</i>	<i>36.59</i>	<i>28.28</i>	<i>26.93</i>	<i>27.73</i>	<i>36.34</i>	<i>23.50</i>	<i>23.79</i>	<i>26.98</i>	<i>29.079</i>

1880. All Saints Floote 1 mile S.E.

Trees 30ft high 150ft ^{NW} NE

1882 A new gauge has been fixed, it agrees exactly with the old one and will in future be quoted

RAINFALL AT *Chester Waterworks Tower*

Lat.

Lon.

County of *Chester**Snowdon* Rain Gauge, by

Observer

*J. Inghdale Esq.**Dec-4.*

Diameter					5						
Height					10						
Altitude					85 π						
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						1.16	3.40	3.03	.98	.56	
February						2.37	.84	.41	.85	1.93	
March					π 2.10	2.94	1.57	1.05	1.52	2.24	
April .....					.83	1.58	1.46	.68	1.04	2.62	
May					1.19	1.42	6.58	1.89	.54	1.58	
June					2.04	2.34	2.15	1.37	1.90	.68	
July					3.40	1.03	2.53	2.27	5.65	3.01	
August .....					.82	1.47	.95	1.57	3.18	3.07	
September....					2.01	3.01	3.20	2.70	1.14	2.68	
October					1.23	5.42	3.14	2.42	.87	2.80	
November....					1.84	2.83	2.54	1.00	3.81	2.14	
December					2.27	.90	3.71	1.73	1.59	2.19	
TOTALS						26.47	32.07	20.12	23.07	25.50	

*5^t Paul's Church, Boughton 700 ft S**Tower with tank on top 71 ft high 109 ft N.E.*

MET.O.B. RETROS.

548681

NGR: 55(33) 418666

ALT: 84.31 ft = 26

Date of review

9/2/79

RAINFALL AT Chester Waterworks Tower

Lat.

Lon.

County of CheshireSnowdon Rain Gauge, byObserver J. Dugdale Esq.Dec-4.

Diameter					5						
Height					10						
Altitude					85 π						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						1.16	3.40	3.03	.98	.56	
February						2.37	.84	.41	.85	1.93	
March					2.10	2.94	1.57	1.05	1.52	2.24	
April .....					.83	1.58	1.46	.68	1.04	2.62	
May					1.19	1.42	6.58	1.89	.54	1.58	
June					2.04	2.34	2.15	1.37	1.90	.68	
July					3.40	1.03	2.53	2.27	5.65	3.01	
August .....					.82	1.47	.95	1.57	3.18	3.07	
September....					2.01	3.01	3.20	2.70	1.14	2.68	
October					1.23	5.42	3.14	2.42	.87	2.80	
November					1.84	2.83	2.54	1.00	3.81	2.14	
December					2.27	.90	3.71	1.73	1.59	2.19	
TOTALS						26.47	32.07	20.12	23.07	25.50	

5^t Paul's Church, Boughton 700 ft 5Tower with tank on top 71 ft high 109 ft N.E.

MET. O.B. RETROS

548681

NGR: 55(33) 418666

ALT: 84.31 ft = 26

Date of review

9/2/75

RAINFALL AT *Neston Oakhill*

Lat. Lon. County of *Cheshire*
 Rain Gauge, by Observer *Reginald Bushell, Esq.*

See - 4.

Diameter		<i>5</i>									
Height		<i>1. 0</i>									
Altitude		<i>97π</i>									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January		<i>.53</i>	<i>2.53</i>	<i>2.86</i>	<i>2.98</i>	<i>1.17</i>	<i>3.19</i>				
February		<i>3.12</i>	<i>1.74</i>	<i>1.72</i>	<i>2.21</i>	<i>2.03</i>	<i>.94</i>				
March		<i>3.09</i>	<i>1.75</i>	<i>1.08</i>	<i>2.24</i>	<i>.97</i>	<i>2.25</i>				
April		<i>.79</i>	<i>3.66</i>	<i>.74</i>	<i>1.07</i>	<i>1.88</i>	<i>1.37</i>				
May		<i>2.32</i>	<i>1.10</i>	<i>1.31</i>	<i>.90</i>	<i>1.51</i>	<i>5.71</i>				
June		<i>2.18</i>	<i>3.22</i>	<i>2.30</i>	<i>1.16</i>	<i>1.78</i>	<i>1.15</i>				
July		<i>1.49</i>	<i>2.42</i>	<i>2.29</i>	<i>3.29</i>	<i>1.37</i>					
August		<i>4.11</i>	<i>2.00</i>	<i>1.96</i>	<i>1.70</i>	<i>1.11</i>					
September		<i>1.56</i>	<i>2.03</i>	<i>5.01</i>	<i>1.80</i>	<i>3.28</i>					
October		<i>3.15</i>	<i>1.91</i>	<i>4.34</i>	<i>1.53</i>	<i>6.01</i>					
November		<i>2.25</i>	<i>4.05</i>	<i>2.75</i>	<i>2.15</i>	<i>2.72</i>					
December		<i>2.43</i>	<i>4.07</i>	<i>1.51</i>	<i>2.08</i>	<i>1.09</i>					
TOTALS		<i>27.02</i>	<i>30.48</i>	<i>27.87</i>	<i>23.11</i>	<i>24.92</i>					

1881. Neston 300 yards S.π

N.B. Values rejected when Rainfall Survey Map prepared in Nov. 1928.

RAINFALL AT *Neston, Hinderton* 80

Lat.

Lon.

County of *Cheshire*

Rain Gauge, by

Observer *Reginald Bushell, Esq.*

Dec - 14.

Diameter	<i>5</i>											
Height	<i>1-0</i>											
Altitude	<i>215</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.87</i>	<i>.45</i>	<i>2.47</i>	<i>2.90</i>	<i>3.00</i>	<i>1.31</i>	<i>2.90</i>	<i>2.79</i>	<i>.95</i>	<i>.55</i>	<i>1.819</i>	
February	<i>1.47</i>	<i>3.05</i>	<i>1.86</i>	<i>1.74</i>	<i>2.38</i>	<i>2.18</i>	<i>.96</i>	<i>.49</i>	<i>.70</i>	<i>1.72</i>	<i>1.655</i>	
March	<i>1.71</i>	<i>2.69</i>	<i>1.78</i>	<i>1.07</i>	<i>2.44</i>	<i>1.06</i>	<i>1.72</i>	<i>1.06</i>	<i>1.76</i>	<i>2.36</i>	<i>1.762</i>	
April	<i>1.20</i>	<i>1.08</i>	<i>3.49</i>	<i>.81</i>	<i>1.07</i>	<i>1.79</i>	<i>1.34</i>	<i>.77</i>	<i>.88</i>	<i>2.85</i>	<i>1.528</i>	
May	<i>2.52</i>	<i>2.51</i>	<i>1.20</i>	<i>1.27</i>	<i>1.02</i>	<i>1.58</i>	<i>5.61</i>	<i>1.76</i>	<i>.62</i>	<i>2.31</i>	<i>2.040</i>	
June	<i>2.46</i>	<i>2.13</i>	<i>3.61</i>	<i>2.43</i>	<i>1.28</i>	<i>2.03</i>	<i>1.30</i>	<i>1.39</i>	<i>1.86</i>	<i>1.18</i>	<i>1.967</i>	
July	<i>4.65</i>	<i>2.34</i>	<i>3.00</i>	<i>2.60</i>	<i>3.13</i>	<i>1.50</i>	<i>3.08</i>	<i>1.99</i>	<i>5.23</i>	<i>3.56</i>	<i>3.108</i>	
August	<i>1.64</i>	<i>4.33</i>	<i>2.44</i>	<i>1.93</i>	<i>2.06</i>	<i>1.29</i>	<i>1.25</i>	<i>1.97</i>	<i>3.51</i>	<i>4.46</i>	<i>2.488</i>	
September	<i>2.39</i>	<i>1.78</i>	<i>2.60</i>	<i>5.59</i>	<i>2.20</i>	<i>3.30</i>	<i>3.04</i>	<i>3.63</i>	<i>.82</i>	<i>2.96</i>	<i>2.831</i>	
October	<i>5.12</i>	<i>3.16</i>	<i>2.10</i>	<i>4.21</i>	<i>1.28</i>	<i>6.26</i>	<i>4.34</i>	<i>2.39</i>	<i>1.25</i>	<i>2.91</i>	<i>3.302</i>	
November	<i>2.97</i>	<i>2.29</i>	<i>4.57</i>	<i>2.86</i>	<i>2.13</i>	<i>2.86</i>	<i>3.22</i>	<i>1.01</i>	<i>5.15</i>	<i>2.66</i>	<i>2.972</i>	
December	<i>4.93</i>	<i>2.49</i>	<i>4.14</i>	<i>1.54</i>	<i>2.26</i>	<i>1.11</i>	<i>3.44</i>	<i>1.96</i>	<i>1.45</i>	<i>2.62</i>	<i>2.591</i>	
TOTALS	<i>31.93</i>	<i>28.30</i>	<i>33.26</i>	<i>28.95</i>	<i>24.22</i>	<i>26.27</i>	<i>32.17</i>	<i>21.21</i>	<i>24.18</i>	<i>30.14</i>	<i>28.063</i>	

1880. Neston Church 1 1/4 mile W.S.W.

RAINFALL AT *Neston, Hinderton*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

Reginald Bushell, Esq.

See - 4.

Monthly

Diameter	<i>8</i>										
Height	<i>1.0</i>										
Altitude	<i>215 ft</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.88</i>	<i>.48</i>	<i>2.58</i>	<i>2.92</i>	<i>3.03</i>	<i>1.20</i>	<i>2.90</i>	<i>2.79</i>	<i>.96</i>	<i>.56</i>	<i>1.830</i>
February	<i>1.49</i>	<i>3.02</i>	<i>1.84</i>	<i>1.75</i>	<i>2.35</i>	<i>2.14</i>	<i>.90</i>	<i>.48</i>	<i>.71</i>	<i>1.70</i>	<i>1.638</i>
March	<i>1.77</i>	<i>2.69</i>	<i>1.75</i>	<i>1.11</i>	<i>2.35</i>	<i>1.07</i>	<i>1.90</i>	<i>1.10</i>	<i>1.74</i>	<i>2.40</i>	<i>1.788</i>
April	<i>1.23</i>	<i>1.04</i>	<i>3.50</i>	<i>.77</i>	<i>1.03</i>	<i>1.80</i>	<i>1.33</i>	<i>.78</i>	<i>.91</i>	<i>2.87</i>	<i>1.526</i>
May	<i>2.58</i>	<i>2.48</i>	<i>1.22</i>	<i>1.20</i>	<i>1.06</i>	<i>1.60</i>	<i>5.90</i>	<i>1.65</i>	<i>.66</i>	<i>2.35</i>	<i>2.070</i>
June	<i>2.51</i>	<i>2.10</i>	<i>3.61</i>	<i>2.45</i>	<i>1.31</i>	<i>2.18</i>	<i>1.21</i>	<i>1.44</i>	<i>1.88</i>	<i>1.18</i>	<i>1.987</i>
July	<i>4.70</i>	<i>2.31</i>	<i>3.00</i>	<i>2.64</i>	<i>3.25</i>	<i>1.51</i>	<i>3.13</i>	<i>2.13</i>	<i>5.37</i>	<i>3.62</i>	<i>3.166</i>
August	<i>1.68</i>	<i>4.38</i>	<i>2.44</i>	<i>1.93</i>	<i>2.01</i>	<i>1.34</i>	<i>1.27</i>	<i>2.01</i>	<i>3.63</i>	<i>4.61</i>	<i>2.530</i>
September....	<i>2.41</i>	<i>1.80</i>	<i>2.67</i>	<i>5.53</i>	<i>2.19</i>	<i>3.29</i>	<i>3.01</i>	<i>3.73</i>	<i>.90</i>	<i>2.99</i>	<i>2.852</i>
October	<i>5.02</i>	<i>3.22</i>	<i>2.10</i>	<i>4.43</i>	<i>1.31</i>	<i>6.30</i>	<i>4.37</i>	<i>2.38</i>	<i>1.28</i>	<i>2.99</i>	<i>3.340</i>
November....	<i>2.97</i>	<i>2.33</i>	<i>4.49</i>	<i>2.56</i>	<i>2.05</i>	<i>2.87</i>	<i>3.32</i>	<i>1.05</i>	<i>5.15</i>	<i>2.74</i>	<i>2.953</i>
December	<i>4.96</i>	<i>2.60</i>	<i>4.20</i>	<i>1.56</i>	<i>2.10</i>	<i>1.14</i>	<i>3.25</i>	<i>1.98</i>	<i>1.47</i>	<i>2.70</i>	<i>2.596</i>
TOTALS	<i>32.20</i>	<i>28.45</i>	<i>33.40</i>	<i>28.85</i>	<i>24.04</i>	<i>26.44</i>	<i>32.49</i>	<i>21.52</i>	<i>24.66</i>	<i>30.71</i>	<i>28.276</i>

1880. Neston Church

1 1/4 mile

W.S.W.

RAINFALL AT *Neston Hinderton Lodge*

80

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer

Reginald Bushell Esq

Dec - 14.

Monthly

Diameter								5			
Height								1.0			
Altitude								145 ^{ft}			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								# 2.85	.94	.53	
February ....								.42	.65	1.70	
March .....								.97	1.82	2.27	
April .....								.77	.80	2.87	
May								1.74	.58	2.31	
June								1.38	1.81	1.08	
July								1.98	4.94	3.50	
August								1.77	3.35	4.23	
September....								3.29	.85	2.76	
October								2.14	1.22	2.87	
November								1.04	5.09	2.45	
December								1.92	1.45	2.44	
TOTALS								20.27	23.50	29.01	

1887 Neston Ch

1000 yds

W

RAINFALL AT *Hurstaston Dawpool* 80

Lat. Lon. County of *Cheshire*
Rain Gauge, by Observer *J. H. Ismay Esq.*

See - 4.

Diameter											
Height											
Altitude											
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								1.86	.95	.54	
February ....								.92	.70	1.91	
March								1.30	2.65	1.85	
April .....								.64	1.25	3.15	
May								1.65	.38	2.35	
June .....								.50	1.12	1.34	
July								1.30	5.23	2.08	
August								1.53	2.59	4.12	
September....								2.85	1.20	2.43	
October								2.85	1.79	3.12	
November....								.80	4.18	2.77	
December								1.80	1.02	2.77	
TOTALS								18.00	23.06	28.43	

N. B. Values rejected when Rainfall Survey Map prepared in Nov. 1928.

RAINFALL AT *West Kirby Hilbre House* 80

Lat. Lon. County of *Cheshire*

Rain Gauge, by Observer *C. Macdonald*

See - 4.

Diameter					5						
Height					1 -						
Altitude					15						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							3.20				
February							1.37				
March							1.51				
April							1.26				
May					<i>H</i> 1.01		3.59				
June .....					.57		2.36				
July					3.60		1.19				
August					1.73		} 6.60				
September					2.07						
October					1.22		2.87				
November					1.67		.77				
December					1.83		2.12				
TOTALS						<i>NR</i>	26.84				

West Kirby Church 1/2 mile NNE

House 30 ft high 74 ft ENE

Trees 18 " " 65 " SE

" 20 " " 50 " N.W.

1886 Amount much too small.