

* Hyd. Sta. No. 34 - 107520
N.G.R. SK (43) 056737
Alt. 1005 ft - 306 m

60

Rainfall at Buxton

Derbyshire Hospital

Derby.

Geo: Drury John Dawon

Drury John Dawon 69

1043 68

Diameter of Gauge, 8 in.

Height above Ground, 5 ft.

Above Mean Sea Level, 1005 ft.

serment 6.

YEAR - -	1865	1866	1867	1868	1869	MEANS.
January - -		7.78	5.40	6.07	7.32	
February - -		7.33	6.80	4.56	6.03	
March - -	# 2.29	4.32	4.29	8.03	2.01	
April - - -	1.67	1.72	10.56	4.81	5.53	
May - - -	3.17	3.08	2.54	1.89	4.54	
June - - -	.77	6.98	2.60	.63	2.20	
July - - -	4.19	5.50	6.45	.36	.96	
August - -	5.01	6.12	3.48	5.51	3.39	
September -	.40	10.45	4.31	4.42	7.92	
October - -	9.15	4.73	7.10	10.15	2.32	
November -	5.09	11.04	3.35	4.97	6.24	
December -	2.30	7.04	8.21	15.55	6.58	
TOTALS -		76.11	65.09	66.95	54.06	

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* Historical site review Oct. 1975.

RAINFALL AT *Buxton Devonshire Hospital*

Lat..... Lon..... County of..... *Derby*
 Rain Gauge, by..... Observer *E. J. Sykes Esq.*

sevent -6.

Diameter.....	<i>.8</i>										
Height.....	<i>5</i>										
Altitude.....	<i>1005</i>				<i>989</i>						
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>4.16</i>	<i>2.05</i>	<i>7.94</i>	<i>4.07</i>	<i>5.51</i>	<i>5.53</i>	<i>1.23</i>	<i>6.98</i>	<i>8.04</i>	<i>2.20</i>	<i>4.831</i>
February.....	<i>3.34</i>	<i>4.91</i>	<i>5.47</i>	<i>1.65</i>	<i>3.41</i>	<i>1.64</i>	<i>6.18</i>	<i>8.74</i>	<i>2.50</i>	<i>4.72</i>	<i>4.256</i>
March.....	<i>3.68</i>	<i>7.87</i>	<i>4.65</i>	<i>3.53</i>	<i>4.86</i>	<i>1.02</i>	<i>5.87</i>	<i>3.85</i>	<i>3.63</i>	<i>2.69</i>	<i>3.565</i>
April.....	<i>2.66</i>	<i>4.31</i>	<i>3.44</i>	<i>1.87</i>	<i>2.34</i>	<i>1.69</i>	<i>4.24</i>	<i>2.50</i>	<i>2.39</i>	<i>3.27</i>	<i>2.871</i>
May.....	<i>2.12</i>	<i>3.54</i>	<i>4.00</i>	<i>4.26</i>	<i>2.10</i>	<i>3.28</i>	<i>1.35</i>	<i>5.07</i>	<i>6.04</i>	<i>3.30</i>	<i>3.506</i>
June.....	<i>2.37</i>	<i>3.82</i>	<i>8.05</i>	<i>3.20</i>	<i>1.12</i>	<i>4.20</i>	<i>4.53</i>	<i>3.85</i>	<i>4.12</i>	<i>6.81</i>	<i>4.207</i>
July.....	<i>1.89</i>	<i>5.09</i>	<i>5.59</i>	<i>4.06</i>	<i>2.92</i>	<i>6.31</i>	<i>2.62</i>	<i>5.80</i>	<i>1.75</i>	<i>6.42</i>	<i>4.245</i>
August.....	<i>2.22</i>	<i>3.24</i>	<i>3.90</i>	<i>4.88</i>	<i>6.59</i>	<i>4.45</i>	<i>4.01</i>	<i>6.27</i>	<i>6.77</i>	<i>8.42</i>	<i>5.075</i>
September.....	<i>3.90</i>	<i>5.77</i>	<i>7.65</i>	<i>4.06</i>	<i>3.93</i>	<i>7.00</i>	<i>6.79</i>	<i>3.13</i>	<i>5.41</i>	<i>4.77</i>	<i>5.241</i>
October.....	<i>12.27</i>	<i>5.99</i>	<i>8.29</i>	<i>6.06</i>	<i>5.27</i>	<i>6.69</i>	<i>3.40</i>	<i>6.35</i>	<i>6.32</i>	<i>3.05</i>	<i>6.369</i>
November.....	<i>3.31</i>	<i>3.88</i>	<i>5.89</i>	<i>4.11</i>	<i>7.72</i>	<i>6.95</i>	<i>5.90</i>	<i>8.42</i>	<i>4.73</i>	<i>2.06</i>	<i>5.217</i>
December.....	<i>3.46</i>	<i>3.45</i>	<i>5.48</i>	<i>1.52</i>	<i>4.42</i>	<i>3.22</i>	<i>8.45</i>	<i>4.88</i>	<i>2.66</i>	<i>4.19</i>	<i>4.173</i>
TOTALS.....	<i>4538</i>	<i>4212</i>	<i>7035</i>	<i>4327</i>	<i>5019</i>	<i>5198</i>	<i>5517</i>	<i>6584</i>	<i>5436</i>	<i>5190</i>	<i>53556</i>

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Historical site review, Oct. 1975

Hyd. Sta. No. 34 - 107520

N.G.R. SK (43) 056737

Alt. 1005 ft. 306 m.

RAINFALL AT *Buxton Devonshire Hospital*

700

Lat. Lon. County of *Derby*

Rain Gauge, by Observer *E. J. Sykes.*

Serial - 6.

Diameter....						5					
Height							1				
Altitude							995				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						5.25	1.78	7.06	8.55	2.43	
February. ...						2.26	6.19	8.76	2.45	4.73	
March99	6.15	3.92	3.33	2.73	
April						1.61	4.26	2.43	2.34	3.16	
May						3.04	1.33	4.85	6.08	3.46	
June						4.09	4.47	3.84	4.00	6.62	
July						6.19	2.61	5.73	1.74	6.48	
August						4.32	3.94	6.16	6.44	8.22	
September ..						6.98	6.71	3.17	5.19	4.48	
October						6.66	3.42	6.30	5.94	2.80	
November ..						6.71	5.78	7.68	4.60	1.95	
December ..						3.16	8.41	5.04	2.96	3.94	
TOTALS ..						51.26	55.05	64.94	53.62	51.00	

RAINFALL AT *Buxton, Derbyshire*

80

Lat. _____

Lon. _____ County of *Derby*

Rain Gauge, by _____

Observer *Dr. E. J. Sykes*

Serwent 6.

A. Thresh Esq.

Diameter	<i>5</i>										
Height	<i>1.0</i>										
Altitude	<i>995</i>	<i>986</i>									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>1.19</i>	<i>.57</i>	<i>4.69</i>	<i>6.76</i>	<i>7.35</i>	<i>4.16</i>	<i>6.97</i>	<i>4.19</i>	<i>2.19</i>	<i>2.73</i>	<i>4.080</i>
February	<i>6.78</i>	<i>9.08</i>	<i>4.33</i>	<i>4.73</i>	<i>3.19</i>	<i>4.23</i>	<i>1.07</i>	<i>1.15</i>	<i>2.86</i>	<i>3.56</i>	<i>4.098</i>
March	<i>3.85</i>	<i>7.13</i>	<i>3.66</i>	<i>1.83</i>	<i>3.89</i>	<i>3.16</i>	<i>4.13</i>	<i>2.59</i>	<i>3.98</i>	<i>4.35</i>	<i>3.847</i>
April	<i>2.15</i>	<i>1.93</i>	<i>5.28</i>	<i>2.54</i>	<i>1.99</i>	<i>2.00</i>	<i>2.16</i>	<i>1.04</i>	<i>2.62</i>	<i>3.52</i>	<i>2.523</i>
May	<i>3.81</i>	<i>4.18</i>	<i>2.37</i>	<i>1.79</i>	<i>3.02</i>	<i>3.06</i>	<i>5.48</i>	<i>3.93</i>	<i>1.47</i>	<i>3.93</i>	<i>3.304</i>
June	<i>3.82</i>	<i>3.09</i>	<i>8.31</i>	<i>4.95</i>	<i>2.07</i>	<i>3.78</i>	<i>1.62</i>	<i>55</i>	<i>2.78</i>	<i>.63</i>	<i>3.160</i>
July	<i>7.27</i>	<i>3.60</i>	<i>6.57</i>	<i>4.26</i>	<i>5.09</i>	<i>2.10</i>	<i>4.17</i>	<i>1.44</i>	<i>7.87</i>	<i>4.44</i>	<i>4.681</i>
August	<i>2.22</i>	<i>6.86</i>	<i>5.46</i>	<i>3.42</i>	<i>1.72</i>	<i>2.47</i>	<i>3.03</i>	<i>2.51</i>	<i>4.87</i>	<i>6.24</i>	<i>3.880</i>
September....	<i>5.71</i>	<i>2.35</i>	<i>2.86</i>	<i>7.11</i>	<i>3.80</i>	<i>6.33</i>	<i>2.78</i>	<i>5.18</i>	<i>1.93</i>	<i>4.56</i>	<i>4.261</i>
October	<i>5.98</i>	<i>6.04</i>	<i>5.99</i>	<i>6.87</i>	<i>3.93</i>	<i>9.56</i>	<i>5.91</i>	<i>2.56</i>	<i>2.14</i>	<i>4.99</i>	<i>5.397</i>
November....	<i>5.83</i>	<i>6.60</i>	<i>9.25</i>	<i>5.33</i>	<i>2.74</i>	<i>4.76</i>	<i>3.85</i>	<i>2.96</i>	<i>9.60</i>	<i>2.51</i>	<i>5.343</i>
December	<i>8.62</i>	<i>6.06</i>	<i>7.12</i>	<i>4.92</i>	<i>6.17</i>	<i>3.41</i>	<i>6.26</i>	<i>4.28</i>	<i>3.97</i>	<i>4.36</i>	<i>5.517</i>
TOTALS	<i>57.23</i>	<i>57.49</i>	<i>65.89</i>	<i>54.51</i>	<i>44.96</i>	<i>48.92</i>	<i>47.43</i>	<i>32.38</i>	<i>46.28</i>	<i>45.82</i>	<i>(50.091)</i>

1882 Gauge moved lower down the garden

Historical site review: Oct. 1975.

Hyd. Sta. No. 34-107521

N.G.R. SK (43) 057736

Alt: 988ft - 301m.

RAINFALL AT *Buxton Devonshire Hospital*

Lat. _____

Lon. _____

County of *Derby*

Rain Gauge, by _____

Observer *Mr W.H. Beck*

Serment - *6.*

Royal Inst. Soc

Diameter	<i>5</i>											
Height	<i>10</i>											
Altitude	<i>986 ft</i>											
Year	<i>1890</i>	<i>1891</i>	<i>1892</i>	<i>1893</i>	<i>1894</i>	<i>1895</i>	<i>1896</i>	<i>1897</i>	<i>1898</i>	<i>1899</i>	<i>MEANS.</i>	
January	<i>6.91</i>	<i>4.58</i>	<i>5.76</i>	<i>3.70</i>	<i>4.94</i>	<i>5.51</i>	<i>2.08</i>	<i>3.72</i>	<i>1.95</i>	<i>5.79</i>	<i>4.494</i>	
February	<i>.95</i>	<i>.68</i>	<i>3.31</i>	<i>6.88</i>	<i>6.34</i>	<i>1.03</i>	<i>3.36</i>	<i>4.92</i>	<i>2.98</i>	<i>2.54</i>	<i>3.219</i>	
March	<i>4.99</i>	<i>3.89</i>	<i>2.29</i>	<i>1.38</i>	<i>4.36</i>	<i>5.74</i>	<i>7.48</i>	<i>6.19</i>	<i>1.25</i>	<i>2.44</i>	<i>4.001</i>	
April	<i>1.64</i>	<i>3.41</i>	<i>2.26</i>	<i>.97</i>	<i>2.47</i>	<i>2.53</i>	<i>2.54</i>	<i>3.94</i>	<i>2.99</i>	<i>5.89</i>	<i>2.864</i>	
May	<i>3.21</i>	<i>4.97</i>	<i>4.68</i>	<i>3.32</i>	<i>3.36</i>	<i>1.04</i>	<i>.85</i>	<i>2.76</i>	<i>4.13</i>	<i>3.47</i>	<i>3.179</i>	
June	<i>4.68</i>	<i>2.88</i>	<i>4.58</i>	<i>2.89</i>	<i>4.08</i>	<i>1.80</i>	<i>4.51</i>	<i>3.92</i>	<i>2.94</i>	<i>2.50</i>	<i>3.498</i>	
July	<i>4.78</i>	<i>2.52</i>	<i>4.64</i>	<i>3.51</i>	<i>4.80</i>	<i>7.15</i>	<i>1.94</i>	<i>1.83</i>	<i>1.78</i>	<i>1.98</i>	<i>3.493</i>	
August	<i>6.05</i>	<i>6.45</i>	<i>5.08</i>	<i>2.76</i>	<i>5.53</i>	<i>4.44</i>	<i>3.83</i>	<i>4.79</i>	<i>6.02</i>	<i>2.38</i>	<i>4.733</i>	
September ...	<i>1.41</i>	<i>3.50</i>	<i>4.08</i>	<i>3.83</i>	<i>.43</i>	<i>.97</i>	<i>9.46</i>	<i>6.02</i>	<i>1.28</i>	<i>7.07</i>	<i>3.805</i>	
October	<i>4.28</i>	<i>6.60</i>	<i>7.77</i>	<i>3.14</i>	<i>5.57</i>	<i>4.25</i>	<i>5.89</i>	<i>1.98</i>	<i>4.80</i>	<i>4.59</i>	<i>4.884</i>	
November	<i>9.45</i>	<i>4.53</i>	<i>4.21</i>	<i>3.70</i>	<i>3.47</i>	<i>4.07</i>	<i>1.79</i>	<i>5.56</i>	<i>5.28</i>	<i>2.39</i>	<i>4.445</i>	
December	<i>1.30</i>	<i>8.75</i>	<i>2.92</i>	<i>6.13</i>	<i>4.92</i>	<i>4.83</i>	<i>8.21</i>	<i>6.60</i>	<i>8.95</i>	<i>4.34</i>	<i>5.695</i>	
TOTALS	<i>49.65</i>	<i>52.76</i>	<i>51.58</i>	<i>42.21</i>	<i>50.27</i>	<i>43.36</i>	<i>51.94</i>	<i>52.23</i>	<i>44.35</i>	<i>45.38</i>	<i>48.373</i>	

1898 Record doubtful a wrong measuring glass being used for a time. The R.M.S. treats the record as imperfect and gives slightly different figures. *not much the matter with it*

Historical site review. Oct. 1975.

Hyd. Sta. No. *34* 107521

N.G.R. SK (43) 057736

Alt. *988ft* - 301m

RAINFALL AT

Buxton Derbyshire Hospital

Lat.

Lon.

County of

Derby

Snarford

Rain Gauge, by

Observer

The Royal Meteor. Soc.

F. J. Kieldson Esq.

Sernant - 6.

Diameter ..	5											
Height	10											
Altitude ..	985											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..												
February ..	7.95	4.99	3.70	5.73	5.62	3.70	4.84	1.97	3.02	2.54	4.406	
March	5.94	3.97	2.37	4.75	7.28	3.21	4.79	2.83	5.20	2.33	4.267	
April	1.56	5.59	3.86	6.63	2.91	6.10	4.37	4.18	4.05	4.72	4.397	
May	3.23	4.04	3.03	2.59	3.48	4.65	2.24	3.13	3.31	3.01	3.266	
June	1.84	2.53	4.57	3.21	3.99	.70	3.96	4.15	4.12	2.64	3.171	
July	5.16	3.30	2.02	1.01	1.11	2.30	1.63	8.10	2.33	2.64	2.960	
August	4.81	2.75	3.95	4.04	3.31	2.68	2.02	4.60	3.89	5.12	3.717	
September ..	5.97	2.42	4.23	6.06	4.81	4.65	3.16	4.18	3.97	2.69	4.214	
October	1.60	2.15	2.14	6.57	2.53	2.59	1.63	.91	3.38	3.25	2.675	
November ..	6.55	5.43	6.25	10.33	1.79	4.78	6.13	5.38	1.12	6.69	5.445	
December ..	3.68	6.39	3.46	4.80	4.95	5.63	4.61	3.66	4.26	1.57	4.301	
TOTALS ..	8.44	9.74	4.30	4.27	1.96	1.02	6.20	3.49	3.34	9.98	5.274	
TOTALS ..	56.73	53.30	43.88	59.99	43.69	42.01	45.58	46.58	41.99	47.18	48.093	

1907 Buxton Church 100 yards N.E.W.
 " Station 100 " E.N.E.
 Trees 15 ft high 20 ft N.N.E.

Historical site review: Oct. 1975.

Hyd. Sta. No. 34. 107521

N.G.R. SK (43) 057736

Alt. 988 ft. 301 m

RAINFALL at Buxton Devonshire HospitalCounty of DerbyshireObserver F. J. Kildesee Esq W. R. H. H. EsqRiver Basin Trent-Donwent 6

Rain Gauge, by _____

Diameter ...	5												
Height	1 0												
Altitude ...	988 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	4.41	2.80	5.40	4.24	3.29	8.47	3.75	2.70	3.92	5.03			Totals 15.40
February ...	4.61	4.11	1.80	2.12	2.91	5.85	6.57	.97	5.96	1.53			15.03
March	1.36	2.80	6.54	6.88	5.40	2.89	3.30	2.69	2.32	6.49			14.80
April	4.78	3.51	.98	5.65	1.53	2.12	4.87	3.39	2.15	2.83			13.24
May	2.93	1.87	3.16	3.09	3.09	1.62	2.47	2.09	3.19	1.50			9.25
June	2.74	2.88	4.19	3.24	2.45	4.92	3.82	2.19	2.48	2.88			11.37
July	5.74	.35	6.03	1.39	5.07	6.95	2.59	2.06	4.06	3.18			11.82
August	5.44	2.75	8.64	2.01	4.56	4.14	3.03	8.77	3.47	4.59			19.86
September ..	.44	2.94	2.57	1.68	4.14	.88	2.92	2.39	10.18	4.10			17.59
October ...	3.07	3.45	4.51	4.01	3.18	2.35	6.35	7.45	3.10	3.03			17.93
November ..	6.27	5.09	4.03	5.17	6.44	2.96	4.07	4.92	3.16	3.64			15.79
December ...	6.92	8.94	6.52	2.94	8.17	8.96	3.90	2.55	8.86	9.31			24.62
TOTALS ...	48.71	40.19	54.27	41.92	50.23	52.11	47.64	42.17	52.85	43.11	47.83	0	190.77
	D	D	D	D	D	D	D	D	D	D			101.6

Historical site review: October 1975.

Hyd. Sta. No. 34. 107521

NGR SK (43) 057736

Alt. 988 ft - 301 m.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	53° 16'	1° 55' W	Buxton	400 yds	W			

RAINFALL at Buxton Devonshire HospitalTerrace Slopes 1925.County of DerbyshireObserver Messrs W. Pilkington & SonRiver Basin Great-Derwent 6Messrs W. Pilkington ('26)Copper Rain Gauge, by
(1925) N.O.

Diameter ...	5"					3						
Height	1	0										
Altitude ...	988					1007						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	5.31	7.53	5.16	6.09	4.40	4.79	5.19	4.48	10.76	2.22	6.33	Totals 62.26
February ...	3.56	7.4	6.58	7.04	1.63	7.57	3.52	2.63	5.10	.85	.76	39.98
March	2.90	4.33	3.07	2.29	1.40	2.28	2.09	5.25	2.96	.87	2.62	30.06
April	8.12	2.07	3.52	3.93	2.68	3.79	2.25	4.16	1.34	1.53	3.00	36.39
May	5.66	1.81	.98	4.86	5.29	5.50	4.13	1.59	.70	3.12	2.87	36.51
June	3.21	.52	2.36	1.93	3.70	17	3.52	7.81	4.93	1.95	2.59	31.69
July	5.54	1.44	5.57	3.63	5.37	2.23	3.20	3.54	2.07	4.00	6.91	43.5
August	2.41	5.07	5.86	5.26	8.03	4.52	3.95	5.88	5.31	4.81	5.67	56.77
September...	2.95	1.15	4.04	6.01	5.29	5.64	3.54	6.75	.79	2.23	5.11	43.50
October	2.19	3.07	1.03	5.63	7.17	6.55	4.04	3.91	6.42	6.59	7.31	53.91
November...	1.48	2.58	3.54	6.10	2.56	3.00	5.80	4.77	8.29	9.20	5.11	52.43
December...	3.78	6.67	5.24	6.13	4.91	3.40	1.96	1.94	3.03	9.69	4.30	51.05
TOTALS...	47.11	36.98	46.95	58.90	51.43	49.44	43.19	52.71	51.70	47.06	52.58	538.05

1920 Building 100 yds N

Trees 15 ft high 20 yds E.

1925 Gauge moved Aug. 25th 8.15. Readings taken from new gauge (used previously for comparative readings with old 5" gauge.)

1929 Railings surrounding enclosure of instrument.

Historical site review. October 1975.

Hyd. Sta. No. (up to Aug 1905) 34-107521. NGR SK(43) 057736 Alt. 986 ft - 301m
from Aug 1925 to date. Hyd. Sta. No. - 34-107494. NGR SK(43) 058734 Alt. 1007 ft - 307mPosition of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	53° 16'	1° 55'	Buxton	400 yds	W	St. John's ('26)		

RAINFALL at Buxton (Devonshire Hospital)

M.W.R.

County of DerbyshireObserver Town ClerkRiver Basin Trent- Derwent 6

Type of Gauge

Annual Average 48.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref 3411

Diameter	8					8"						
Height	1 0					1' 0"						
Altitude	1007					1007						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	6.84	5.56	2.85	5.24	3.84	7.23	6.52	7.12	8.76	3.50		57.46
February	5.19	4.0	4.66	3.2	7.53	3.58	8.94	2.49	3.97	2.56		39.64
March	2.4	3.41	3.46	4.14	2.02	3.13	4.36	1.55	3.43	3.56		29.30
April	5.50	5.44	1.71	2.57	4.16	1.91	4.66	.52	2.84	3.49		32.80
May	3.02	5.06	1.79	3.22	.67	.51	2.42	4.39	1.47	1.24		23.79
June	5.76	1.06	4.62	1.68	5.17	4.22	1.74	4.27	2.83	1.27		32.62
July	4.44	3.58	3.17	2.72	1.96	7.20	3.66	5.57	8.72	4.69		45.7
August	6.63	1.45	1.41	3.19	2.31	2.23	1.35	2.32	2.78	2.16		25.83
September	4.02	4.22	0.81	4.15	7.26	6.00	1.50	3.32	1.51	4.12		36.91
October	2.27	8.00	7.00	5.89	10.12	6.61	2.86	7.53	3.88	4.76		58.71
November	6.86	4.40	2.50	2.00	7.14	5.74	1.99	6.44	8.51	9.85		55.43
December	2.02	2.00	0.52	7.94	5.93	6.16	4.64	8.26	3.19	5.21		45.87
TOTALS	52.79	44.58	34.50	43.06	58.11	54.52	44.64	53.78	51.89	46.00		484.27

Inspection 23/5/34. Gauge overtopped. Turf wall 6 ft. up.

" 9/10/35. Turf wall set up since last inspection
Screen 5 ft. high 3 ft. to N.

" 23/10/36. No change.

" 4/5/37. Inner facing of turf wall is of stone, the flat space inside
being covered with hard material eg asphalt. Readings unaffected.

1940 Jan & Feb part est.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map

Reference No.

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction from gauge	Parish Church	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

(*25051-1386) Wt. 27165-2817 10,000 4/31 T.S. 118

Historical site review: Oct. 1975. Hyd. Sta. No. 34-107494. Ngr. SK (43) 058734
Alt. 1007 ft - 307m.

Station No. 2680 M.W.R.RAINFALL at Burton (Lance Slope)

41

County of Derbyshire Observer John ClarkRiver Basin Great Ouse - Don - 6

Type of Gauge.....

Annual Average 48.4 in, based on 25 years obs. un-weighted. Period of average 1891-1915 Ref. B. 57N.

File No.

Diameter	8"			107	504							
Height	1' 0"				1							
Altitude	1007				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.88	4.87	7.01	7.85	4.96	6.49	4.24	22.15	3.36	3.16		Total 56.77
February	4.65	2.53	3.80	2.43	5.35	9.54	2.03	4.00	2.53	7.14		44.00
March	4.59	2.82	1.57	3.4	2.04	1.69	5.88	2.29	2.43	2.47		26.72
April	2.86	3.16	2.79	3.84	3.18	2.20	4.38	2.44	4.74	4.83		34.42
May	3.68	5.22	4.51	2.91	3.76	1.68	2.98	2.06	3.15	1.56		31.51
June	2.49	.80	3.58	4.01	4.14	5.34	2.75	6.96	1.94	2.85		35.16
July	3.85	5.96	1.81	4.40	1.75	5.14	3.32	3.66	2.14	3.45		35.48
August	7.31	4.07	4.83	3.64	3.20	5.46	.61	5.54	2.77	4.80		42.29
September	.73	3.78	5.44	5.23	2.38	6.97	2.38	3.11	1.48	6.40		37.96
October	5.74	7.24	2.83	6.19	7.23	.91	1.00	2.91	4.67	3.02		41.74
November	4.63	1.10	4.54	7.99	.92	9.19	5.44	3.15	6.78	6.77		50.51
December	3.31	5.01	2.98	4.53	4.59	5.18	5.59	5.22	7.13	4.14		47.68
TOTALS	47.02	46.56	45.75	54.02	43.50	57.79	40.60	53.49	43.12	50.59		486.44

1950. Inspected 22/1/50. Turf well to be kept.

Historical site review: Oct. 1975

Hyd. Sta. No. 34. 107494.

NGR SD (43) 058734

Alt. 1007ft - 307m

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

BRITISH RAINFALL ORGANIZATION

METEOROLOGICAL OFFICE.

RAINFALL

Station BUXTON, Terrace SlopesCounty DerbyshireAuthority Buxton M BNo. 34-107494(Old No. 2680)Grid Ref. SK(43) 058734Altitude 307m 1007 ft.River Basin TrentTributary Wye, DerwentFile 4112 MWR XXXXXX

YEAR	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means TOTALS
January ...	5.22	6.61	2.60	4.64	3.73	9.02	3.81	5.38	5.04	7.46	53.51
February...	5.82	3.43	2.19	4.31	3.31	1.48	3.58	7.77	.77	3.79	36.45
March ...	7.85	3.16	3.01	3.93	3.68	2.31	4.50	2.37	2.58	2.26	35.65
April ...	3.69	4.33	4.48	.88	2.88	2.28	.52	2.22	4.13	2.87	28.28
May ...	2.60	2.62	2.43	3.66	5.49	1.27	2.49	4.72	.72	2.37	28.37
June ...	2.49	3.58	3.52	3.77	3.76	3.26	2.12	7.01	1.57	2.75	33.23
July ...	2.83	2.97	5.50	6.43	1.21	6.13	5.83	6.02	4.03	6.12	47.07
August ...	5.32	2.64	5.14	5.70	.89	10.67	6.95	3.37	1.12	4.76	46.56
September	3.42	4.61	3.37	5.85	2.86	4.11	10.09	5.92	.17	4.83	45.23
October ...	1.20	5.69	2.53	8.16	4.03	3.13	4.72	5.04	4.50	6.87	45.87
November	11.26	3.67	3.28	8.63	3.08	1.85	2.29	1.79	5.88	7.40	49.33
December	7.77	5.57	2.43	8.24	5.89	6.83	6.33	5.20	8.98	5.77	63.01
TOTAL ...	59.57	48.88	40.48	64.20	40.81	52.34	53.33	56.81	39.49	57.25	513.16
Percentage	2	2	3	3	3	2	2	2	2	2	✓

AVERAGE ANNUAL RAINFALL

1881-1915 48.4 in.1916-1950 48.50 in.

Actual

Estimated from data for:-

35y35y PType and capacity of gauge 8-inch

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

SITE HISTORY REVIEW: All previous MGR and Hyd. Stn Nos incorrect. Data incorrectly on S/No 107504 transferred to new number on this sheet. (Previous and subsequent 10yr sheets appropriately corrected) KW/Met08b 1.10.75

Insp. June 1955: Gauge slightly elliptical. - sited on slope.

1956: Miss R.W. Pilkington, Boro' meteorologist, presented with an inscribed barograph in recognition of long service since 1924 (See Rtd. Insp. A etc. in Sta. file)

§ 1960. Insp. J. Briggs. Surrounded by 12" turf wall. Condition & exposure good.

Earliest year with complete data (D : ~~XXXXXX~~) 9/1925

*NOTES on years with incomplete or unsatisfactory data:-

*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63: 500: KW