

Gate Burton
M. S. & L. H.

60

Lincoln

+ Ground

96 ft + m s l

Trent - 6.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		.94	1.04	1.53	.75	1.56	1.29	2.44	1.63	2.58	
February - -		2.53	.96	.23	1.25	1.69	2.04	1.16	1.74	1.40	
March - -		1.96	3.17	.74	1.63	1.37	1.25	2.22	1.04	2.38	
April - -		.47	1.07	1.70	.59	1.07	.95	1.47	2.29	1.50	2.13
May - - -	2.51	.56	2.39	.50	2.32	2.60	1.17	2.16	1.12	5.61	
June - - -	4.01	3.54	1.74	3.12	1.63	1.69	2.93	2.24	.74	1.54	
July - - -	1.94	3.74	2.15	1.56	.57	2.05	2.56	3.01	.46	.33	
August - -	4.93	.53	1.70	1.96	1.83	3.65	2.71	2.38	3.56	2.11	
September -	3.24	1.64	4.40	2.01	1.75	.22	3.69	1.50	2.02	3.68	
October - -	1.71	.94	2.21	2.82	2.11	5.00	2.54	1.73	2.05	1.76	
November -	2.11	2.50	.78	2.11	2.53	2.41	2.30	.86	1.43	1.09	
December -	2.39	1.29	1.29	1.46	1.55	.65	1.52	2.00	5.76	3.63	2.154
TOTALS -		21.24	23.53	18.63	18.99	22.84	25.47	23.99	23.85	20.24	

1868 Average (8 yrs) 22.41

RAINFALL AT *Gainsborough Gate Burton*

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

Trent - 6.

Diameter.....	<i>.9</i>											
Height.....	<i>3.6</i>											
Altitude.....	<i>96.</i>											
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	<i>95</i>	<i>.75</i>	<i>2.52</i>	<i>1.71</i>	<i>1.17</i>	<i>2.97</i>	<i>1.57</i>	<i>3.16</i>	<i>1.76</i>	<i>.85</i>	<i>1.741</i>	
February.....	<i>1.64</i>	<i>1.59</i>	<i>2.40</i>	<i>1.10</i>	<i>1.35</i>	<i>1.20</i>	<i>1.70</i>	<i>1.96</i>	<i>1.30</i>	<i>3.12</i>	<i>1.736</i>	
March.....	<i>1.66</i>	<i>.63</i>	<i>1.34</i>	<i>1.30</i>	<i>.53</i>	<i>.72</i>	<i>2.89</i>	<i>1.93</i>	<i>.47</i>	<i>.69</i>	<i>1.216</i>	
April.....	<i>.67</i>	<i>2.89</i>	<i>2.78</i>	<i>.72</i>	<i>1.48</i>	<i>.96</i>	<i>1.87</i>	<i>2.73</i>	<i>1.33</i>	<i>1.40</i>	<i>1.683</i>	
May.....	<i>.88</i>	<i>1.32</i>	<i>1.47</i>	<i>1.53</i>	<i>1.17</i>	<i>1.00</i>	<i>.48</i>	<i>2.39</i>	<i>3.36</i>	<i>3.11</i>	<i>1.671</i>	
June.....	<i>1.66</i>	<i>2.57</i>	<i>2.49</i>	<i>1.88</i>	<i>1.62</i>	<i>2.28</i>	<i>2.44</i>	<i>1.56</i>	<i>2.13</i>	<i>3.47</i>	<i>2.210</i>	
July.....	<i>.66</i>	<i>3.63</i>	<i>3.48</i>	<i>2.32</i>	<i>1.54</i>	<i>4.49</i>	<i>1.46</i>	<i>2.66</i>	<i>.98</i>	<i>4.67</i>	<i>2.569</i>	
August.....	<i>1.35</i>	<i>.57</i>	<i>2.79</i>	<i>2.44</i>	<i>1.99</i>	<i>2.00</i>	<i>1.63</i>	<i>3.96</i>	<i>5.35</i>	<i>2.23</i>	<i>2.431</i>	
September.....	<i>.74</i>	<i>4.46</i>	<i>2.59</i>	<i>1.57</i>	<i>1.43</i>	<i>1.90</i>	<i>2.92</i>	<i>2.99</i>	<i>2.26</i>	<i>2.00</i>	<i>2.286</i>	
October.....	<i>4.88</i>	<i>1.20</i>	<i>3.73</i>	<i>1.91</i>	<i>2.07</i>	<i>3.92</i>	<i>2.01</i>	<i>1.52</i>	<i>2.38</i>	<i>.93</i>	<i>2.455</i>	
November.....	<i>1.54</i>	<i>1.01</i>	<i>3.52</i>	<i>1.61</i>	<i>2.15</i>	<i>3.97</i>	<i>3.30</i>	<i>1.47</i>	<i>2.81</i>	<i>1.27</i>	<i>2.265</i>	
December.....	<i>2.77</i>	<i>1.84</i>	<i>2.74</i>	<i>.10</i>	<i>.88</i>	<i>.77</i>	<i>4.76</i>	<i>1.62</i>	<i>1.67</i>	<i>.42</i>	<i>1.757</i>	
TOTALS.....	<i>19.40</i>	<i>22.46</i>	<i>31.85</i>	<i>18.19</i>	<i>17.38</i>	<i>26.18</i>	<i>27.03</i>	<i>27.95</i>	<i>25.80</i>	<i>24.16</i>	<i>24.040</i>	

C C C

RAINFALL AT *Gate Burton*

80

Lat. _____

Lon. _____

County of *Lucas*

Rain Gauge, by _____

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

Inventor *b.*

Diameter	<i>9</i>											
Height	<i>3.6</i>											
Altitude	<i>96</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>27.60</i>	<i>2.00</i>	<i>2.18</i>	<i>2.73</i>	<i>1.49</i>	<i>3.03</i>	<i>2.07</i>	<i>.50</i>	<i>1.46</i>	<i>1.633</i>		
February	<i>1.63</i>	<i>3.26</i>	<i>.79</i>	<i>2.81</i>	<i>1.32</i>	<i>2.38</i>	<i>.24</i>	<i>.56</i>	<i>1.15</i>	<i>1.25</i>	<i>1.539</i>	
March	<i>1.02</i>	<i>1.88</i>	<i>1.27</i>	<i>.91</i>	<i>1.44</i>	<i>1.14</i>	<i>2.15</i>	<i>1.36</i>	<i>1.61</i>	<i>3.77</i>	<i>1.655</i>	
April	<i>2.09</i>	<i>.85</i>	<i>2.80</i>	<i>1.72</i>	<i>1.37</i>	<i>1.94</i>	<i>1.47</i>	<i>.99</i>	<i>1.01</i>	<i>2.14</i>	<i>1.638</i>	
May	<i>1.44</i>	<i>1.25</i>	<i>2.09</i>	<i>1.56</i>	<i>.65</i>	<i>2.00</i>	<i>4.61</i>	<i>1.59</i>	<i>.85</i>	<i>3.84</i>	<i>1.988</i>	
June	<i>3.76</i>	<i>1.68</i>	<i>3.32</i>	<i>4.08</i>	<i>.51</i>	<i>2.84</i>	<i>.97</i>	<i>.34</i>	<i>2.02</i>	<i>.45</i>	<i>1.997</i>	
July	<i>4.61</i>	<i>1.28</i>	<i>2.01</i>	<i>3.97</i>	<i>3.03</i>	<i>.49</i>	<i>2.70</i>	<i>1.55</i>	<i>5.30</i>	<i>1.30</i>	<i>2.624</i>	
August	<i>1.57</i>	<i>5.72</i>	<i>3.44</i>	<i>.74</i>	<i>1.53</i>	<i>1.27</i>	<i>1.96</i>	<i>.81</i>	<i>2.10</i>	<i>3.28</i>	<i>2.242</i>	
September	<i>3.97</i>	<i>1.55</i>	<i>1.41</i>	<i>4.82</i>	<i>1.29</i>	<i>2.02</i>	<i>1.13</i>	<i>1.85</i>	<i>1.07</i>	<i>1.74</i>	<i>2.085</i>	
October	<i>5.25</i>	<i>1.73</i>	<i>5.07</i>	<i>2.77</i>	<i>.89</i>	<i>5.08</i>	<i>3.25</i>	<i>2.05</i>	<i>.56</i>	<i>3.83</i>	<i>3.048</i>	
November	<i>2.35</i>	<i>1.83</i>	<i>2.70</i>	<i>2.43</i>	<i>1.00</i>	<i>2.73</i>	<i>1.30</i>	<i>1.60</i>	<i>2.98</i>	<i>.44</i>	<i>1.936</i>	
December	<i>2.53</i>	<i>1.98</i>	<i>4.09</i>	<i>.75</i>	<i>1.24</i>	<i>.91</i>	<i>2.89</i>	<i>1.07</i>	<i>1.83</i>	<i>1.38</i>	<i>1.867</i>	
TOTALS	<i>30.49</i>	<i>23.61</i>	<i>30.99</i>	<i>28.74</i>	<i>17.00</i>	<i>24.29</i>	<i>25.70</i>	<i>15.84</i>	<i>20.98</i>	<i>24.88</i>	<i>24.252</i>	

RAINFALL AT Gate Burton

Lat. _____

Lon. _____

County of Lincoln

Rain Gauge, by _____

Observer M S L R C

Inst - 6.

Diameter	9										
Height	3 6										
Altitude	96										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.01	1.01	1.01	1.59	1.45	3.59	.83	2.03	.54	1.87	1.593
February ....	.92	.08	1.36	2.03	1.78	.17	.65	2.96	.64	1.10	1.169
March	1.68	.91	.87	.44	.50	1.76	1.61	2.21	1.28	.94	1.220
April .....	.46	1.35	.90	.34	2.70	1.49	.86	.81	2.28	2.09	1.328
May	2.15	3.01	3.13	1.70	1.10	.88	.56	1.54	1.83	2.53	1.842
June	1.63	3.64	3.25	1.14	2.17	1.31	2.03	2.54	.66	1.69	2.006
July	1.96	2.93	2.20	3.82	2.78	5.24	1.95	.57	.66	1.32	2.343
August	2.09	2.45	3.13	1.43	1.93	1.72	1.65	3.14	2.76	.88	2.118
September....	1.15	.97	1.15	.82	.81	.58	4.03	2.29	1.01	2.36	1.517
October .....	.74	3.15	3.97	1.41	2.25	2.80	4.06	1.25	2.56	3.00	2.519
November....	2.82	2.60	.88	2.21	1.64	3.17	1.27	1.92	2.14	1.06	1.991
December ....	.59	2.52	.40	2.37	1.40	1.94	3.04	1.93	1.87	2.58	1.864
TOTALS	18.20	24.62	22.25	19.30	20.51	24.65	22.53	23.19	18.23	21.42	21.490

18.10 =

RAINFALL AT *Gate Burton*

Lat.

Lon.

County of *Lincoln*

Rain Gauge, by

Observer *Great Central Rail Co*

Trent - 6.

Diameter ..	<i>9</i>										
Height	<i>3 6</i>										
Altitude ..	<i>96</i>										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	<i>2.77</i>	<i>1.03</i>	<i>.90</i>								
February ..	<i>3.66</i>	<i>1.34</i>	<i>1.48</i>								
March	<i>.55</i>	<i>2.02</i>	<i>1.70</i>								
April	<i>1.17</i>	<i>1.34</i>	<i>2.20</i>								
May	<i>1.61</i>	<i>1.09</i>	<i>2.63</i>								
June	<i>2.98</i>	<i>2.07</i>	<i>2.43</i>								
July	<i>3.17</i>	<i>3.79</i>	<i>1.63</i>								
August	<i>6.12</i>	<i>1.51</i>	<i>3.52</i>								
September..	<i>.97</i>	<i>1.77</i>	<i>.74</i>								
October	<i>2.20</i>	<i>1.56</i>	<i>2.34</i>								
November ..	<i>2.19</i>	<i>2.50</i>	<i>2.10</i>								
December ..	<i>2.07</i>	<i>4.70</i>	<i>1.86</i>								
TOTALS ..	<i>29.46</i>	<i>24.72</i>	<i>23.53</i>								

RAINFALL at

Gate Burton Hall

County of Lincolnshire

Observer

J. D. SandarsJames FothergillRiver Basin Trent - R. Bank Trib 6

Rain Gauge, by

Diameter ...						5							
Height						20							
Altitude ...						97							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS.	
January ...						2.22	.42	2.53	1.26	2.60			16-19.
February ...						2.28	3.40	.70	1.60	2.36			6.81
March .....						.81	3.73	1.55	.70	2.66			8.05
April .....						.63	1.23	1.47	.84	1.91			8.64
May						1.73	2.10	1.94	2.40	1.00			5.45
June .....						.60	2.07	1.19	.97	.97			7.44
July						4.85	2.24	1.14	2.94	2.57			5.20
August						3.09	2.11	5.15	2.01	2.28			8.89
September ..						.78	1.40	.74	3.97	1.81			11.55
October ...						.92	1.49	2.39	1.18	2.49			7.92
November ..						1.87	2.49	.98	1.78	1.89			7.55
December...						4.16	2.08	1.01	3.51	3.20			7.14
TOTALS ...						23.94	24.76	20.79	23.16	26.73			94.44
										d. imp			10.64

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

RAINFALL at *Gale Burton Hall*

Hon. Mr. Sanders

County of *Lincolnshire*

Observer

J. D. Sanders Esq. died 18/1/15
*Mr. J. Creed*River Basin *Great-Pl. Bank Tribe 6.**Snowdon* Rain Gauge, by _____

(1930) B.A.

Diameter ...	5"												
Height	2.0							1.0					
Altitude ...	97					90		97					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.		
January ...	2.07	1.80	2.35	1.59	1.69	1.32	2.36	1.32	3.59	1.49	2.90	Totals 22.48	
February ...	1.83	.22	2.65	3.65	.88	1.71	1.27	1.51	1.69	.95	.54	16.90	
March	3.19	.94	1.74	1.20	1.09	.83	.29	1.73	1.75	.16	2.00	14.92	
April	3.85	1.05	2.19	1.13	1.30	1.88	2.34	2.18	.85	.76	2.36	19.87	
May	1.79	1.64	1.27	2.95	2.54	3.13	1.78	1.43	1.77	.88	1.36	20.64	
June	1.89	.36	1.11	1.24	1.30	.11	2.85	3.23	1.70	1.01	1.32	16.12	
July	3.48	.44	3.99	3.13	2.07	.78	1.26	3.06	.64	1.15	3.45	23.45	
August .....	.73	3.20	2.88	2.68	2.24	1.91	2.49	3.06	2.12	2.03	3.10	26.44	
September...	1.69	.63	2.44	2.44	2.17	2.71	.91	3.98	.45	.78	4.01	22.21	
October	1.60	1.16	.87	1.38	4.08	2.39	2.01	1.42	4.65	2.92	2.39	24.87	
November...	1.02	1.45	.77	1.75	1.40	2.43	3.23	2.34	2.07	4.39	3.00	23.85	
December...	2.27	1.65	2.49	2.67	2.02	1.49	.64	2.19	1.91	4.01	1.81	23.15	
TOTALS...	25.41	14.54	24.85	25.81	22.78	20.69	21.43	27.45	23.19	20.53	28.24	254.92	
	d	d	d	d	d	d	d	d	d	d	d	42.4	

Position of Station on reduced Ordnance Survey
Map, 2 miles 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
1925.			Slows Parla	1 3/4 mi	S.E.	Gale Burton	300 yds.	S.

RAINFALL at Gale Burton HallCounty of LincolnshireObserver The Hon Mrs SandarsRiver Basin Trent - Right Bank 6

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

514574/27.

Diameter	5											
Height	10			1.6	40	4'0"					1'2"	
Altitude	97			78		75	97'					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.66	1.06	1.80	1.44	1.77	3.32	3.34	1.42	4.33	1.60		Totals. 22.74
February	2.20	.67	1.96	.68	1.78	2.26	1.96	1.24	.80	1.79		15.34
March .....	.33	1.21	2.52	1.76	.43	.93	1.92	.26	1.53	1.88		12.77
April	2.96	1.58	.78	2.16	2.09	1.19	2.75	.05	1.42	1.34		16.32
May	2.86	5.67	1.69	.86	.31	1.03	2.87	2.61	1.20	.33		19.54
June	3.73	.63	1.51	1.17	2.48	3.59	2.46	1.47	2.35	.77		20.46
July	3.41	2.79	2.18	1.48	.53	6.07	2.83	3.58	4.27	4.90		32.04
August	5.19	1.59	.28	1.45	1.03	2.65	.30	1.71	2.40	.47		17.07
September	3.30	1.22	1.48	1.08	3.37	2.39	1.10	3.26	.74	.69		18.63
October .....	.71	3.13	4.56	.85	2.69	2.11	1.86	2.15	3.52	3.73		25.61
November	2.54	1.25	1.56	1.80	4.34	2.31	1.36	2.11	2.65	4.61		25.53
December	1.08	.77	.43	3.72	2.28	.96	3.28	3.62	1.83	1.96		19.93
TOTALS	30.97	21.57	20.75	18.45	23.10	29.16	26.03	23.48	28.40	24.07		245.98
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		426

1931. Wall 11' high 50' S.

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
1931.			Ston Park	1 1/2 m	E.	Gale Burton	200 yds	S.
1938			"	2 m		"	150 yds	"

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

Station No. 2584RAINFALL at Gale Burton Hall

41

County of LincolnshireObserver Thos. M. SandersRiver Basin West. Right Bank 6

MR. J. ROPER (12. 12. 29)

Type of Gauge.....

Annual Average 23.1 in. based on years obs. un-weighted. Period of average..... Ref.....File No. 814574/27

Diameter	5"			122	348							
Height	4' 0"				1							
Altitude	97'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	2.43	2.47	3.08	2.30	1.87	1.66	2.10	4.25	1.03	.98		22.17
February	3.22	.58	.74	1.36	1.51	2.85	1.59	1.15	.40	3.78		17.78
March	3.35	1.98	.43	.32	.63	.81	3.80	.56	1.08	.86		13.82
April	1.13	.66	.95	2.13	1.19	1.30	1.84	1.42	1.51	2.28		14.41
May	1.58	2.90	2.09	1.87	1.30	1.17	1.17	1.68	1.42	1.73		16.91
June	.29	1.68	2.00	2.20	2.09	3.32	2.40	2.62	.93	1.02		18.55
July	2.99	1.50	.91	1.84	1.78	2.65	1.66	1.29	2.45	2.47		19.54
August	2.54	2.01	1.10	3.87	2.35	4.01	.28	2.97	1.72	1.93		22.78
September	.38	1.42	2.68	2.74	1.07	2.51	.91	1.81	.77	3.32		17.61
October	3.00	1.76	1.86	2.70	2.48	1.04	.41	1.50	2.85	1.84		18.44
November	2.87	1.57	1.59	3.53	.48	4.90	1.51	.98	3.22	3.76		24.41
December	.58	1.96	.75	1.37	1.45	2.67	1.74	3.26	2.08	1.67		17.53
TOTALS	24.26 d	20.49 d	18.18 d	26.83 d	18.20 d	28.89 d	19.41 d	23.49 d	17.46 d	24.64 d		223.95 424

* Used in General Tables. Origin unknown

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

Station No. 2584

M

RAINFALL at GATE BURTON HALL

51

County of LINCOLNSHIRE

Observer MR. J. READER

River Basin TRENT - R. BANK - 6

Head Gardener (J. Morris Esq. (1960))

Type of Gauge BA x Howard

Owner B. Landers

Annual Average 23.1 in. based on years obs. un-weighted.

Period of average

Ref.

23.41 - " - 35 - " 1916-1950

1916-1950

File No. 214574/27 F

Diameter ...	5"			122	348					5"	
Height ...	4' 0"				1					1' 0"	
Altitude ...	97'				51					97'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	1.58	1.85	.71	1.00	1.68	3.00	1.38	1.94	2.31	4.62	20.07
February ...	2.68	.50	1.56	2.43	2.49	.94	1.67	2.72	.56	1.67	17.22
March ...	2.55	2.49	.83	1.55	2.27	.59	1.60	1.49	1.70	1.31	16.38
April ...	.91	.83	2.22	.30	.88	1.49	.17	0.34	1.75	1.07	9.96
May ...	3.54	1.66	2.68	3.61	2.81	.44	.77	1.87	.33	0.65	18.36
June ...	.97	1.95	2.73	2.60	3.14	3.90	1.95	5.10	.51	0.67	23.52
July ...	1.18	1.11	2.67	1.96	.30	4.49	4.29	5.79	1.15	3.26	26.20
August ...	6.03	1.29	2.03	4.16	.29	5.66	2.91	1.75	.74	4.14	28.99
September ...	1.58	1.69	1.08	1.98	.63	1.23	4.26	1.57	.01	2.24	16.17
October ...	1.41	2.07	2.28	3.18	1.14	1.11	.95	1.84	1.74	4.56	20.28
November ...	5.08	1.88	1.46	4.41	1.15	.84	2.27	0.97	2.10	3.12	23.28
December ...	1.72	1.29	1.02	2.43	2.05	1.56	1.80	2.84	3.08	2.57	20.36
TOTALS ...	29.23	18.61	21.27	29.61	18.73	25.24	24.02	28.22	15.98	29.88	240.79

* Mr. G. Hince took over 4 yrs ago when Mr. Reader retired, but this was not noted at the time).

Inspected 20-10-60 by 888888. G. poor condition. Site unsatisfactory. Ground off g. surround. Ornamental arches and
 twisted fruit trees surrounding. Long elm 90'-120'w, tree 60'-100'S. Allometric rule
 10 yds. NWW away from arches. Elm still alt of 5. Rec. raw g.

55 (3) 537031

* Used in G.T. but in unknown.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference

SK 43/8388 731

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or A	1910-19	1920-30	1931-40	1941-50	1951-60
	C1915 312, d19	✓ ✓	✓ ✓	✓ d41-46347-50	