

# RAINFALL AT *Nottingham The castle*

2604

80

Lat. ....

Lon. ....

County of *Nott.*

Rain Gauge, by .....

Observer *Albrow & Co. L.E.*

*Trent, Bank - S.*

Diameter ....									8		
Height ....									1.2		
Altitude ....									192 ft		
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....				(10.70)				(1.90)	.55	1.25	
February ....				(12.30)				(.50)	1.04	1.48	
March .....				(9.20)				(1.10)	1.93	3.47	
April .....				(10.00)				(1.20)	2.43	2.55	
May .....				(11.60)				(1.40)	.48	3.50	
June .....				(13.70)				#.51	1.54	.72	
July .....				(15.60)				.58	4.09	2.92	
August .....				(12.20)				1.39	2.18	2.49	
September...				(14.70)				2.11	.98	2.22	
October ....				(19.80)				1.42	.44	2.53	
November...				(13.30)				1.23	2.84	.66	
December ....				(12.35)				1.43	1.49	1.82	
TOTALS ....				(156.40)				(15.07)	19.99	25.61	

1881 - May 1886 = Park X  $\frac{100}{109}$

*Hyd Sta to: 117804*

*NGR: SK (43) 568395*

*alt: 59m*

# RAINFALL AT *Nottingham The castle*

80

Lat. ....

Lon. ....

County of *Notto*

Rain Gauge, by .....

Observer *A. Brown Esq. C.E.*

*Test. L bank - 5.*

Diameter ....								8			
Height .....								$\frac{7}{16}$			
Altitude ....								215		268	
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....									.50	1.13	
February ....									.88	1.19	
March .....									1.79	3.09	
April .....									2.25	2.19	
May .....									.37	3.22	
June .....								# 45	1.41	.66	
July .. ....								.74	3.61	2.64	
August .....								1.28	1.95	2.34	
September...								1.84	.89	1.99	
October ....								1.34	.38	2.14	
November...								1.01	2.62	.58	
December...								1.24	1.44	1.70	
TOTALS ....									18.09	22.87	

*Hyge Sta. No. 117805*

*reg. SK (43) 569394*

*alt: 82m*

RAINFALL AT Nottingham The Castle

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Notts

Rain Gauge, by \_\_\_\_\_

Observer A Brown Esq C.E.Inlet Low - 5.

Diameter ....	8											
Height .....	12											
Altitude ....	192 ft											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	2.55	1.66	1.18	1.40	1.55	3.44	.85	1.96	.89	2.71	1.819	
February ....	.60	.06	1.11	2.41	2.13	.34	.51	3.18	.83	1.36	1.253	
March .....	1.19	1.20	.67	.44	.70	1.36	2.59	2.12	1.17	.77	1.221	
April .....	.39	1.53	.66	.35	1.09	1.63	.97	1.88	1.98	1.97	1.245	
May .....	1.78	2.26	2.78	2.85	1.48	.69	.41	1.08	2.18	2.90	1.841	
June .....	.91	3.08	2.88	1.45	2.01	.89	2.57	2.49	2.21	1.05	1.951	
July .....	2.67	1.91	1.67	2.14	2.30	3.24	3.75	.48	1.32	2.42	2.190	
August .....	2.29	3.60	2.73	1.85	2.32	1.64	1.32	3.11	2.51	.43	2.180	
September....	1.42	.99	2.59	2.16	.52	.66	2.99	2.08	.39	2.60	1.610	
October .....	.96	4.50	3.39	1.49	2.20	2.28	2.30	.89	2.70	3.13	2.384	
November ....	2.35	1.90	1.01	1.27	2.00	2.61	1.36	1.23	1.87	1.05	1.665	
December ....	.59	3.20	.91	2.36	1.95	1.97	3.37	3.23	1.70	2.25	2.153	
TOTALS ....	17.70	25.89	21.58	20.17	20.25	20.75	22.99	23.73	19.75	22.64	21.545	

1890 St Nicholas Church 300 yards E by N

Now incorrectly printed in R.G.R. 2.40







# RAINFALL AT *Nottingham Thelastle Roof*

Lat. ....

Lon. ....

County of *Notts*

*Symond*  
In. 0.125  
In. 5.

Rain Gauge, by *NE 3*

Observer *A Brown Esq. Ch.*

Diameter ..	8							<i>Hx</i>	<i>Pa</i>	<i>No.</i>	<i>17805</i>	
Height ....	<i>76.0</i>							<i>NGR</i>	<i>SK (43)</i>	<i>569394</i>		
Altitude ..	<i>268</i>							<i>alt.</i>	<i>82m</i>			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	<i>3.01</i>	<i>.83</i>	<i>1.43</i>	<i>1.70</i>	<i>2.12</i>	<i>.67</i>	<i>2.60</i>	<i>1.06</i>	<i>1.17</i>	<i>.90</i>	<i>1.549</i>	
February ..	<i>2.96</i>	<i>.89</i>	<i>1.48</i>	<i>.65</i>	<i>2.12</i>	<i>.68</i>	<i>2.16</i>	<i>1.22</i>	<i>1.25</i>	<i>.60</i>	<i>1.401</i>	
March ....	<i>.61</i>	<i>1.67</i>	<i>1.03</i>	<i>2.58</i>	<i>1.31</i>	<i>2.31</i>	<i>1.31</i>	<i>1.23</i>	<i>2.44</i>	<i>2.97</i>	<i>1.746</i>	
April .....	<i>.61</i>	<i>1.11</i>	<i>1.49</i>	<i>1.46</i>	<i>1.03</i>	<i>1.32</i>	<i>.34</i>	<i>1.87</i>	<i>1.95</i>	<i>1.25</i>	<i>1.243</i>	
May .....	<i>1.36</i>	<i>.80</i>	<i>1.77</i>	<i>3.06</i>	<i>1.42</i>	<i>.52</i>	<i>1.59</i>	<i>2.94</i>	<i>1.89</i>	<i>.95</i>	<i>1.630</i>	
June .....	<i>3.53</i>	<i>.91</i>	<i>1.17</i>	<i>1.63</i>	<i>.26</i>	<i>2.41</i>	<i>1.82</i>	<i>2.20</i>	<i>1.39</i>	<i>2.08</i>	<i>1.740</i>	
July .....	<i>1.46</i>	<i>2.89</i>	<i>.92</i>	<i>1.77</i>	<i>1.92</i>	<i>1.14</i>	<i>.48</i>	<i>2.28</i>	<i>3.04</i>	<i>3.70</i>	<i>1.960</i>	
August ....	<i>3.14</i>	<i>.99</i>	<i>4.02</i>	<i>4.91</i>	<i>2.61</i>	<i>2.99</i>	<i>.84</i>	<i>2.18</i>	<i>2.99</i>	<i>2.32</i>	<i>2.699</i>	
September ..	<i>.54</i>	<i>.68</i>	<i>.99</i>	<i>2.66</i>	<i>1.77</i>	<i>1.46</i>	<i>.91</i>	<i>.69</i>	<i>1.33</i>	<i>2.55</i>	<i>1.358</i>	
October .....	<i>1.82</i>	<i>1.59</i>	<i>1.92</i>	<i>5.65</i>	<i>.36</i>	<i>1.25</i>	<i>4.48</i>	<i>3.33</i>	<i>.94</i>	<i>2.68</i>	<i>2.402</i>	
November ..	<i>1.80</i>	<i>1.39</i>	<i>1.01</i>	<i>1.68</i>	<i>.90</i>	<i>2.38</i>	<i>2.49</i>	<i>1.63</i>	<i>1.24</i>	<i>.60</i>	<i>1.512</i>	
December ..	<i>3.15</i>	<i>3.24</i>	<i>1.33</i>	<i>.74</i>	<i>1.35</i>	<i>.62</i>	<i>2.44</i>	<i>2.52</i>	<i>1.28</i>	<i>3.80</i>	<i>2.047</i>	
TOTALS ..	<i>23.99</i>	<i>16.99</i>	<i>18.56</i>	<i>28.49</i>	<i>17.17</i>	<i>17.75</i>	<i>21.46</i>	<i>23.15</i>	<i>20.91</i>	<i>24.40</i>	<i>21.287</i>	<i>555</i>

*1900 S Nicholas Church 300 yards NE to N*



RAINFALL at Nottingham ThurbathCounty of NottinghamshireObserver A. Brown Esq. C.E.River Basin West-Left Bank Tributaries 5No. 10 Rain Gauge, by N+3

Diameter ...	4												
Height .....	1.2												
Altitude ...	192 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sum	
January ...	1.95	.91	3.75	2.91	1.34	2.40	1.22	2.26	2.08	3.38		8.94	16.19
February ...	1.94	1.66	1.39	.92	1.16	2.79	4.16	.92	2.06	2.29		9.43	
March .....	.62	1.36	2.41	3.29	2.28	.92	3.68	1.38	.75	4.03		9.87	
April .....	1.49	.93	.32	2.29	.76	.77	1.28	1.28	1.55	1.47		5.68	
May .....	2.47	1.01	2.19	2.06	1.81	1.71	2.58	2.02	2.32	1.35		2.27	
June .....	1.89	2.27	3.46	.81	2.06	.88	1.64	2.13	.34	.72		1.83	
July .....	2.39	.09	3.35	.79	2.69	6.15	1.86	1.33	2.30	3.05		8.21	
August .....	3.35	1.90	5.27	1.54	2.35	1.96	2.13	3.83	1.45	2.55		9.96	
September ..	.80	1.61	.83	1.87	.66	.82	1.12	1.42	4.23	1.47		8.24	
October ...	1.82	2.18	2.56	3.65	1.87	1.33	2.34	3.42	1.55	2.40		9.71	
November ..	3.30	2.41	1.81	1.51	2.15	2.39	2.80	1.02	1.49	1.65		6.06	
December ...	4.53	3.46	3.50	.82	4.61	4.55	2.23	.80	3.13	3.71		9.87	
TOTALS ...	26.55	19.79	31.14	22.46	24.74	26.67	27.04	21.81	23.28	28.07		100.25	47.6

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.57 N	1.9. W	Nottingham					

RAINFALL at Nottingham Thufgette RoofCounty of Nottinghamshire Observer A. Brown Esq C.E.River Basin Trent - Left Bank Tributaries 5M.O. Rain Gauge, by 1653

Diameter ...	8							App. Sta. No. 117805			
Height .....	70.0							ngl. 54(43) 569394			
Altitude ...	268 ft							alt. 82m			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.82	.83	3.64	2.76	1.27	2.20	1.02	2.04	1.92	3.26	
February ...	1.77	1.54	1.30	.54	1.04	2.52	3.80	.81	1.85	2.18	
March .....	.54	1.29	2.26	3.14	2.10	.71	3.45	1.08	.68	3.90	
April .....	1.38	.84	.31	2.11	.65	.66	1.14	1.10	1.42	1.34	
May .....	2.37	.98	2.15	1.94	1.68	1.58	2.39	1.92	2.21	1.30	
June .....	1.82	2.24	3.30	.72	1.95	.88	1.48	1.98	.29	.65	
July .....	2.34	.09	3.26	.77	2.52	5.74	1.74	1.18	2.09	2.94	
August .....	3.22	1.78	4.98	1.47	2.24	1.83	1.88	3.43	1.82	2.43	
September ...	.77	1.59	.78	1.79	.61	.74	1.00	1.35	2.90	1.36	
October ...	1.73	2.05	2.75	3.52	1.70	1.20	2.06	3.11	1.39	2.19	
November ..	3.13	2.24	1.71	1.37	2.82	2.21	2.50	.92	1.39	1.43	
December ...	4.26	3.30	3.38	.74	4.26	4.16	2.10	.65	2.96	3.14	
TOTALS ...	25.15	18.77	29.82	21.17	22.84	24.43	24.56	19.57	21.42	26.12	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
52.57	1.9. W							



RAINFALL at Nottingham The Castle

County of Nottinghamshire

Observer. A. Brown Esq. C.E.

1921. / T. Wallis Gordon

River Basin Trent - Left Bank Tribe 5-

City Engineer

M. C. Rain Gauge, by N. & J.  
Sweden

Diameter ...	8							Slip Sta No.	117804			
Height .....	1.0							N.R.	SK(43)		566395	
Altitude ...	192							alt.	59m			
Year .....	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990 MEANS.	Totals. 20-30
January ...	2.74	1.98	3.27	1.05	2.06	1.92	2.27	1.46	4.29	.95	3.24	25.23
February ...	1.89	.35	2.21	3.23	.79	2.27	2.03	1.79	1.86	.60	.54	17.86
March .....	1.82	.82	1.55	1.17	.98	.76	.58	2.37	1.53	.08	2.33	13.99
April .....	4.03	.76	2.86	2.47	1.63	1.83	1.49	1.82	.68	1.19	3.16	21.92
May .....	2.11	1.46	1.00	2.25	3.72	3.57	2.18	0.93	1.44	1.46	2.14	22.31
June .....	2.57	.54	.69	.54	1.45	.04	1.94	4.26	2.35	1.23	1.52	17.13
July .....	4.47	.87	4.15	4.03	2.19	1.39	1.18	2.16	1.14	1.51	4.69	27.76
August .....	.97	4.69	5.81	2.48	2.46	1.52	1.50	3.00	2.51	2.19	2.86	29.99
September...	1.37	1.01	1.79	2.39	2.72	3.44	1.20	4.39	.39	.52	3.35	22.57
October .....	1.22	2.32	.70	1.44	3.87	3.24	1.90	1.96	3.66	2.41	2.37	25.39
November...	.86	1.29	.88	1.31	1.74	1.60	3.22	2.28	2.40	4.84	2.79	23.74
December...	2.46	2.03	3.34	2.56	2.56	2.33	.79	2.53	1.89	3.40	1.78	25.97
TOTALS...	26.57	18.14	28.25	25.40	26.17	23.91	20.28	28.95	24.14	21.01	30.77	273.56

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

No. of Maps

Reference No.

Date.	Lat. N.	Long. W	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	52° 57'	1° 9'	<sup>no date</sup> Nottingham Victoria L.N.E.R.	1090 yds.	N.	St. Peter's	550 yds.	NE

RAINFALL at Nottingham The CastleCounty of Nottinghamshire Observer A. Brown Esq. C.E.  
1921 Y. Wallis GordonRiver Basin Trent - Sept. Bank Tides 57M.O. Rain Gauge, by N. & S.

Diameter ...	8										
Height .....	76.0										
Altitude ...	268										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.32	1.71	2.86	1.87	1.79						
February ...	1.60	.33	1.96	2.59	.65						
March .....	1.44	.78	1.27	1.04	.83						
April .....	3.61	.71	2.52	2.21	1.29						
May .....	1.94	1.43	.91	2.04	3.43						
June .....	2.41	.49	.54	.43	1.26						
July .....	4.21	.74	3.60	3.75	2.02						
August .....	.84	4.60	5.19	2.20	2.34						
September...	1.32	.97	1.63	2.24	2.50						
October .....	.95	2.27	.58	1.22	3.33						
November...	.74	1.24	.73	1.54	1.51						
December...	2.18	1.75	2.74	2.30	2.26						
TOTALS...	23.56	17.02	24.53	22.43	23.23						

1923 Not published as roof gauge.  
1924 N. P. Roof g.Position 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
1920	52° 57'	1° 9'						

RAINFALL at Nottingham (The Castle) MWR.

County of Nottinghamshire Observer R. M. Finch  
F. Wallis Gordon, Esq. C.E.

River Basin Trent - Left Bank 5

Type of Gauge.....Snowdon.

Annual Average 23.6 in. based on 35 years obs. un-weighted. Period of average 1881/1915 Ref. B of N

Diameter					Slope Sta. No.							Totals
Height					NGL	SK(43)	568375					2172
Altitude					alt.	59m						1690
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.50	1.16	1.67	1.97	.94	3.11	3.01	2.17	4.17	2.02		17.43
February	2.64	.37	2.24	.52	2.04	1.60	3.31	.64	.79	2.75		19.66
March	.28	1.37	2.81	1.82	.68	1.22	1.69	.15	1.51	1.80		30.21
April	3.07	2.41	1.20	2.15	2.68	1.53	2.60	.09	1.83	2.17		16.14
May	2.92	6.15	1.65	1.05	.38	.89	2.13	1.86	.96	1.23		23.53
June	3.06	.58	1.62	.59	2.75	2.58	.33	1.00	1.78	.96		25.81
July	4.31	5.02	1.95	1.49	.28	4.68	2.81	2.64	3.40	3.43		18.47
August	3.66	1.70	.65	1.75	2.30	.66	.39	2.10	2.02	.31		27.97
September	2.83	1.61	1.23	1.84	4.79	2.64	1.04	2.09	.61	.55		25.18
October	.49	2.60	3.40	.94	3.02	1.23	3.22	2.30	2.49	3.84		19.84
November	2.34	1.62	1.19	2.14	4.08	1.91	1.25	1.96	3.63	5.69		20.15
December	.87	.59	.23	3.89	3.03	1.26	2.52	3.18	1.51	1.39		22.67
TOTALS	27.97 D	25.18 D	19.84 D	20.15 D	26.97 D	23.31 D	24.30 D	20.38 D	25.00 D	26.14 D		239.24 900

Inspected 21/9/32. Exposed mountain, steep drop from SE to N

1930 Authority changed to R. M. Finch - also M. Inst. C. E. in 1930

Inspected 31/5/37 Very poor with vertical walls of stone on edge of enclosure fall away for 30 ft. or more so that catch is too low.

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

[illegible]



Station No. 2604 N.W.R. ✓RAINFALL at "Nottingham (The Castle)"

41

County of Notts. Observer R. W. Finch Esq. C.E.River Basin Trent - Left Bank - 5 Author to NWL and B.L. -Type of Gauge Standard City Engineer and SurveyorAnnual Average 23.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N

File No. \_\_\_\_\_

Diameter	8"			1 1/7	804								
Height	1'0"				1								
Altitude	192'				41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means		
January	2.96	2.67	3.70	2.56	1.67	2.12	1.89	4.20	1.06	.99		Total:	23.84
February	1.89	.92	.41	1.97	2.16	2.78	1.75	1.24	.53	4.02			17.67
March	2.45	1.67	.56	.45	.73	.96	4.86	.55	1.26	.82			14.31
April	1.25	1.21	.68	2.33	1.66	1.39	1.93	1.13	1.72	2.36			15.66
May	2.09	3.06	2.80	1.32	1.95	1.16	1.41	1.99	2.07	1.72			19.57
June	.55	.53	1.34	1.41	2.09	2.91	1.47	1.97	.45	1.47			14.17
July	3.74	2.51	.64	2.17	2.47	1.96	1.65	1.14	3.38	2.02			21.68
August	3.90	2.02	1.44	4.02	2.07	4.13	.23	3.60	2.27	3.19			26.87
September	.34	.73	2.09	3.08	1.99	3.14	1.15	2.55	1.65	2.70			19.32
October	2.32	1.65	1.87	2.19	3.38	1.16	.25	1.95	4.37	.78			19.92
November	2.92	1.38	1.65	4.30	.21	4.27	1.45	1.21	2.37	4.19			23.95
December	.55	1.96	.74	1.06	1.85	2.38	1.87	2.76	1.94	1.45			16.59
TOTALS	25.01	20.31	17.92	26.86	22.23	28.36	19.91	24.29	22.97	25.71			233.57
	D	D	D	D	D	D	D	D	D	D			266

Inspected 21.10.49 by M.C.C. (Lancs. Intention, except that diameter of gauge not very much at.  
 Recommended to have gauge run inside circular or station new gauge. No over-shelter, but  
 gauge is 6 ft from rear drop of 25-30 ft to NW & NE, and situated on castle rock which  
 is very exposed, especially between SE & S.W. No alternative site, owing to restricted nature  
 of castle grounds.

|| Exposure unorthodox in certain directions

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

No. of Map.....

Reference No. SK(43) 568395

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

BRITISH RAINFALL ORGANIZATION

M.W.R.

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Observer R. M. FINCH, Esq., C.E.,

Authn for HWR+BR: - City Engineer & Surveyor

Surveyor

File No. ....

2

Grp. 11 McDonald 16-184 Enlarged & mutants recited since last inspection. Satisfactory

National Grid Reference SK(43)568.396

Direction  
gauge.

1916-1950, P - accepted

1910-19 *88*  
✓  
✓ but - 11