



RAINFALL AT *Rockingham Castle*

Lat..... Lon..... County of... *Northampton*  
 Rain Gauge, by..... Observer *W. J. Brown*

Diameter.....	5	5				5						
Height.....	1.3	1				1.3	1					
Altitude.....	300.	400				400						
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.38	1.04	3.41	1.50	1.71	2.77	2.65	3.52	1.58	1.93	2.14	9
February.....	2.21	1.76	1.65	1.71	2.51	1.59	2.44	2.08	1.57	2.22	1.94	4
March.....	.84	1.34	1.76	2.04	.88	1.20	2.91	2.14	.78	.78	1.46	7
April.....	.76	3.19	3.99	.97	1.23	1.67	3.19	2.84	2.04	3.38	2.32	6
May.....	.75	.88	2.03	2.47	1.08	1.67	.58	2.18	5.44	3.39	2.04	7
June.....	-.71	2.79	3.94	3.66	.64	3.33	1.57	1.23	1.80	3.61	2.32	8
July.....	1.42	3.58	3.52	2.10	1.14	8.10	1.06	2.84	1.39	3.48	2.86	3
August.....	1.97	.52	2.91	2.64	2.04	2.76	2.72	3.64	4.40	3.21	2.68	1
September.....	1.41	4.69	2.17	1.85	3.27	2.92	4.80	1.56	1.09	3.08	2.68	4
October.....	3.36	1.59	4.01	2.28	2.38	5.65	1.64	1.21	2.24	.50	2.48	6
November.....	1.38	1.04	3.66	2.23	2.73	4.41	3.16	2.65	3.42	1.26	2.59	4
December.....	2.32	1.16	3.72	.56	2.27	1.32	5.83	2.29	1.63	.93	2.20	3
TOTALS.....	18.57	23.58	36.77	24.01	21.88	37.39	32.65	28.18	27.38	27.77	27.80	2

# RAINFALL AT *Rockingham Castle* **80**

Lat. .... Lon. .... County of *Northampton*  
 Rain Gauge, by ..... Observer *Mr J. H. Brown*  
*Mr H. Watt*

R.D.S

Diameter ....	<i>5</i>										
Height .....	<i>1.0</i>	<i>3.0</i>							<i>2.6</i>		
Altitude ....	<i>400 L</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>35</i>	<i>3.80</i>	<i>2.17</i>	<i>2.88</i>	<i>2.01</i>	<i>1.48</i>	<i>3.47</i>	<i>3.34</i>	<i>.61</i>	<i>1.14</i>	<i>2.125</i>
February ....	<i>2.26</i>	<i>1.42</i>	<i>1.57</i>	<i>3.46</i>	<i>.72</i>	<i>2.50</i>	<i>.39</i>	<i>.58</i>	<i>3.27</i>	<i>2.13</i>	<i>1.830</i>
March .....	<i>1.57</i>	<i>2.10</i>	<i>1.40</i>	<i>2.80</i>	<i>1.40</i>	<i>.92</i>	<i>2.28</i>	<i>1.78</i>	<i>3.38</i>	<i>2.33</i>	<i>1.916</i>
April .....	<i>1.67</i>	<i>1.21</i>	<i>3.65</i>	<i>2.43</i>	<i>1.78</i>	<i>2.07</i>	<i>1.59</i>	<i>1.11</i>	<i>2.20</i>	<i>2.97</i>	<i>2.068</i>
May .....	<i>1.73</i>	<i>.98</i>	<i>2.27</i>	<i>1.63</i>	<i>2.01</i>	<i>2.45</i>	<i>4.58</i>	<i>1.82</i>	<i>1.04</i>	<i>4.66</i>	<i>2.317</i>
June .....	<i>3.07</i>	<i>2.32</i>	<i>3.02</i>	<i>2.36</i>	<i>1.11</i>	<i>3.39</i>	<i>1.34</i>	<i>1.33</i>	<i>1.48</i>	<i>.54</i>	<i>1.996</i>
July .....	<i>6.76</i>	<i>2.17</i>	<i>1.75</i>	<i>3.18</i>	<i>3.51</i>	<i>.50</i>	<i>4.00</i>	<i>.66</i>	<i>4.61</i>	<i>2.29</i>	<i>2.943</i>
August .....	<i>1.25</i>	<i>5.33</i>	<i>1.85</i>	<i>1.01</i>	<i>2.21</i>	<i>2.89</i>	<i>1.34</i>	<i>.90</i>	<i>3.04</i>	<i>2.66</i>	<i>2.248</i>
September....	<i>3.85</i>	<i>1.62</i>	<i>2.48</i>	<i>5.39</i>	<i>1.35</i>	<i>3.02</i>	<i>1.68</i>	<i>1.66</i>	<i>1.44</i>	<i>2.25</i>	<i>2.474</i>
October ....	<i>6.48</i>	<i>3.16</i>	<i>5.89</i>	<i>1.83</i>	<i>1.06</i>	<i>5.47</i>	<i>3.59</i>	<i>1.85</i>	<i>.70</i>	<i>2.98</i>	<i>3.301</i>
November....	<i>1.95</i>	<i>2.80</i>	<i>3.52</i>	<i>4.23</i>	<i>1.50</i>	<i>3.63</i>	<i>3.57</i>	<i>2.26</i>	<i>2.98</i>	<i>.98</i>	<i>2.742</i>
December ....	<i>1.80</i>	<i>3.01</i>	<i>3.83</i>	<i>.35</i>	<i>1.77</i>	<i>.90</i>	<i>4.66</i>	<i>1.07</i>	<i>1.64</i>	<i>1.71</i>	<i>2.074</i>
TOTALS ....	<i>32.74</i>	<i>29.92</i>	<i>33.40</i>	<i>30.75</i>	<i>20.43</i>	<i>29.22</i>	<i>32.49</i>	<i>18.36</i>	<i>26.39</i>	<i>26.64</i>	<i>28.034</i>

*1881. Rockingham 1/4 mile N.E.*



# RAINFALL AT Rockingham Castle

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

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

County of \_\_\_\_\_

Northampton

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

Observer \_\_\_\_\_

Mr H. Watt

Mr. J. H. Brown

R. p. s

Diameter ....	5											
Height .....	3 0			4.4								
Altitude ....	400 L			300								
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	2.21	1.50	1.51	1.53	1.58	2.31	1.08	2.65	1.02	3.30	1.869	
February ....	.90	.09	1.96	2.43	1.69	.21	.51	3.21	.83	1.85	1.368	
March .....	1.81	1.13	1.22	.23	.90	1.97	2.06	3.11	1.54	1.48	1.545	
April .....	.57	1.60	.80	.36	1.16	1.63	.88	1.84	2.45	2.26	1.855	
May .....	2.13	2.82	1.75	2.01	1.53	.41	.46	1.01	3.38	2.82	1.832	
June .....	1.33	2.34	1.75	.68	2.21	.76	2.11	2.17	.92	1.10	1.539	
July .....	2.48	2.79	2.19	2.31	2.95	2.61	2.30	.79	.96	1.51	2.089	
August .....	2.20	3.81	1.92	1.96	2.10	1.78	2.47	4.69	3.75	1.38	2.606	
September....	.89	.77	2.68	1.13	1.45	.58	4.99	2.77	.38	4.23	1.989	
October .....	1.72	5.31	3.91	2.38	2.62	1.70	3.59	1.34	2.75	2.77	2.809	
November....	3.83	2.57	1.23	1.59	2.99	4.43	1.05	1.10	2.17	1.73	2.269	
December ....	.64	3.55	1.19	1.38	1.89	2.19	4.04	2.98	2.32	1.78	2.196	
TOTALS . . .	20.71	28.28	22.11	17.99	23.07	20.58	25.54	27.66	22.47	26.21	22.462	

# RAINFALL AT Rockingham castle

Lat. .... Lon. .... County of Northampton

Rain Gauge, by .... Observer W. W. Nobes

R.D.W. 5. Mr. G. Kemp (C.A.M.)  
2 miles

Diameter ..	5										
Height ....	4 4										
Altitude ..	300 L										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.69	1.19	.90	2.26	2.58	1.04			...	.81	
February ..	5.19	1.74	2.27	.95	3.07	.51			1.36	.63	
March ....	.87	2.49	1.10	3.07	1.90	3.02			2.59	2.73	
April .....	1.22	2.58	1.65	1.99	1.42	1.70			2.35	1.28	
May .....	1.53	1.88	2.30	2.98	1.45	.88			1.01	.62	
June .....	1.91	2.68	2.44	2.53	.84	2.31			.78	2.94	
July .....	3.31	3.01	1.31	2.82	2.63	61	.32		.97	3.29	
August ....	4.21	1.31	3.53	4.04	3.66		.64		2.76	2.49	
September..	.67	1.36	3.57	3.38	2.01		1.58		54?	2.45	
October....	1.85	2.45	2.18	7.20	.77		4.68		1.42	3.16	
November ..	2.77	1.00	2.10	1.83	1.22		4.37		.50	.70	
December ..	4.71	4.37	1.26	1.25	1.66		2.45		1.48	2.24	
TOTALS ..	31.93	26.06	24.61	34.30	23.21					23.44	

1900 Rockingham Church 500 yards <sup>N</sup>  
Apple Tree 4' 6" high 15 ft S + W  
1903 Rockingham 1 mile <sup>N</sup>





RAINFALL at *Rockingham Castle Gardens*County of *Northamptonshire*Observer *Mr. A. E. Higgett*River Basin *Welland 5-**Mr. C. means* (1926) *for Rev W Watson*

Rain Gauge, by

Diameter ...	5"										
Height .....	4.0								1 2		
Altitude ...	410								450		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930
January ...	2.52	2.52	3.97	1.41	2.57	1.21	2.85	2.18	3.19	1.49	2.93
February ...	.95	.38	2.26	4.64	.62	2.65	2.56	2.61	1.61	.81	1.13
March .....	2.68	.72	1.75	1.96	.80	1.05	.57	2.30	2.18	.11	1.64
April .....	5.26	1.26	3.24	1.78	2.99	1.81	1.91	1.86	.69	1.15	3.37
May .....	1.62	1.57	.97	1.12	3.06	3.64	1.60	.46	1.21	1.31	2.69
June .....	1.42	.81	.94	.47	2.48	.01	1.51	4.49	2.99	1.42	1.04
July .....	3.21	.23	4.49	3.33	2.47	1.78	1.99	2.21	1.45	1.75	3.22
August .....	1.49	2.69	5.09	1.81	2.27	1.07	.90	5.65	2.23	1.07	2.54
September...	1.73	.90	2.18	2.68	2.86	2.17	1.74	4.18	.57	1.18	3.60
October .....	1.48	1.81	.91	3.71	4.61	3.08	2.12	2.05	2.98	3.12	1.31
November...	1.60	1.75	1.49	1.59	2.43	2.20	3.53	3.09	3.38	5.62	2.82
December...	2.71	1.34	2.93	2.87	2.89	2.44	.71	(2.14)	2.75	4.83	2.30
TOTALS...	26.67	15.98	30.22	27.37	30.05	24.31	21.99	(33.22)	25.23	23.86	28.59
	D	0	D	D	D	D	D	D	D	D	D

1920. Stone Room 21 ft high 30 ft N.E.

1927. Dec. corr. for snow

1929. Greenhouse 8' high 5 yds E.

1930. Greenhouses 12' high 3 yds E.

Read 9 am in winter.

8 .. .. Summer.

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	Parish Church.	Distance from gauge	Direction
1920			Rockingham	1 1/4 mi	N	Rockingham	1 1/4 mi	N.
				low	N.			

RAINFALL at <sup>\*</sup>Rockingham Castle GardensCounty of NorthamptonshireObserver Mr. C. MearsRiver Basin Welland - 5The Rockingham

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref. 856688 28

Diameter	5.										
Height	1.0.				1 6						
Altitude	450.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.47	1.21	1.20	1.90	.44						
February	3.09	.51	2.84	.87	1.60						
March	.33	1.58	2.68	1.33	.41						
April	3.22	3.41	.68	1.83	2.98						
May	2.25	4.54	1.42	.81	.97						
June	2.12	.47	1.40	.76	4.40						
July	2.58	4.17	2.34	1.26	.54						
August	3.52	1.63	.72	1.56	1.26						
September	3.33	3.84	2.20	1.66	3.25						
October	.69	3.14	2.47	.90	2.52						
November	3.37	2.39	2.13	2.81	4.49						
December	.70	.56	.45	7.36	3.82	#					
TOTALS	26.67	27.45	20.53	22.55	26.68	N.R.					

1931. Greenhouse 14 ft. high 10 ft. 12.  
 \* built with footings - Reporting to N.M.H.S.

1931. Cottage. 15' high 20' N.E.  
 Wall 8' ... 30 ft. S.

1940. Station terminated as no returns received since 1936

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	Parish Church.	Distance from gauge	Direction
1931			Rockingham	1 mi.	N.	Rockingham	1/2 mi.	N.