

RAINFALL AT Welford ParkNewburyCharles Hop 'Gardener' to Col. Eyre Esq.ByGauge

Diameter.....5.....in.

Height above Ground,ft. ..in.

Above Mean Sea Level, 335 ft.4. James, Hannet &c.,

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS
January	(3.00)	.22	2.32	4.33	1.36	3.00	4.69	3.37	5.03	4.65	3.277
February	1.62	1.83	.27	.86	1.33	1.86	4.13	2.12	1.78	2.79	1.859
March	2.00	1.59	5.78	.75	3.81	1.15	2.15	2.93	1.79	1.81	2.376
April	1.35	2.01	3.07	1.30	1.90	.76	2.20	3.30	2.46	1.28	1.963
May	2.70	1.19	3.33	1.81	1.79	2.57	.82	2.29	1.16	3.61	2.127
June	4.55	3.16	3.01	4.69	1.18	1.94	2.34	2.02	.53	1.31	2.473
July	2.30	4.53	1.85	.70	.59	1.97	2.30	3.59	1.63	.69	2.015
August	4.06	1.08	.24	3.28	.53	3.47	2.46	1.78	4.15	1.53	2.258
September	4.00	2.89	1.49	2.73	2.17	.19	6.62	1.95	4.56	4.60	3.120
October	1.76	1.64	3.99	4.16	2.41	6.14	1.87	3.18	2.49	1.45	2.909
November	1.27	2.42	.84	1.91	2.25	3.86	1.59	.94	1.73	2.48	1.939
December	3.43	2.40	2.02	1.48	1.56	1.98	2.63	1.62	5.69	3.86	2.667
TOTALS.....	(32.04)	24.96	28.21	28.00	20.88	29.69	33.80	29.09	33.00	30.06	28.973

c c c c c c c c c c c

From July 1860 kept by C Eyre Esq. after 1865 by C Hop

The Gauge is in the flower garden in a sheltered place
 there is a bed of Rhododendrons about 3 ft high on the
 N side of it & 13 ft distant. on the S side of it is a
 grass bank 5 ft high & 10 ft distant.

RAINFALL AT *Newbury, Nelford Park*

Lat..... Lon..... County of *Berkshire*
 Rain Gauge, by..... Observer *W. C. Nops*

Diameter	5											
Height .....	.11											
Altitude	π 335											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.86	2.48	6.11	4.79	2.72	4.88	1.94 [#]	5.50	1.54	3.29	3.505	
February.....	2.40	1.22	2.34	1.79	2.61	2.26	3.02	1.79	1.82	4.33	2.358	
March.....	1.99	1.53	2.53	2.88	.76	1.27	4.33	2.83	.89	.62	1.963	
April.....	.54	3.41	2.66	.98	1.53	1.77	4.17	3.46	3.06	0.02	2.460	
May.....	1.34	-.42	3.21	2.02	1.12	2.74	1.08	2.87	4.05	3.33	2.218	
June.....	-.27	2.79	2.49	1.62	1.30	4.21	2.24	1.32	2.72	4.80	2.376	
July.....	.61	4.73	3.10	1.69	.93	4.95	.73	3.18	1.81	4.02	2.375	
August.....	2.64	1.00	1.85	4.01	2.09	1.30	2.89	4.11	4.23	6.81	3.093	
September.....	1.43	5.04	1.18	2.09	3.33	2.45	6.55	2.92	1.06	0.50	2.955	
October.....	⁺ 3.83	1.61	4.30	2.38	4.50	6.32	1.39	1.97	3.13	.87	2.980	
November.....	2.02	.43	4.22	2.72	2.34	4.55	3.52	5.96	3.23	.76	2.975	
December.....	2.36	2.07	5.31	.54	2.06	1.74	5.71 ⁺	2.17	1.52	1.17	2.465	
TOTALS.....	21.29	26.73	39.30	27.45	24.79	38.44	37.57	38.09	29.06	36.52	31.923	

1875 Gauge sheltered by trees

1877 Jan 1st gauge moved 86 feet but on the same level and a new gauge placed 70 ft distant and 6 ft higher

RAINFALL AT Newbury Welford Park

70

Lat.

Lon.

County of Berkshire

Rain Gauge, by

Observer

M^r C. Ross

Diameter....									5		
Height									1		
Altitude									341		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								5.21	1.51	3.27	
February. . .								1.75	1.82	4.30	
March								2.75	.89	.62	
April								3.40	3.04	3.02	
May								2.84	4.00	3.31	
June								1.30	2.67	4.74	
July								3.09	1.80	4.00	
August								4.03	4.23	6.80	
September ..								2.85	1.05	3.51	
October								1.93	3.12	.87	
November ..								5.99	3.23	.76	
December ..								2.16	1.51	1.17	
TOTALS ..								37.30	28.87	36.37	

RAINFALL AT *Welford Park, Newbury*

80

Lat. _____

Lon. _____

County of _____

Berks

Old Rain Gauge, by _____

Observer _____

Mr E. Ross

H. James. Kennel &c.,

Diameter	<i>5</i>											
Height	<i>1.0</i>											
Altitude	<i>335</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>4.7</i>	<i>2.19</i>	<i>1.67</i>	<i>2.94</i>	<i>3.16</i>	<i>2.67</i>	<i>4.39</i>	<i>3.65</i>	<i>.89</i>	<i>.94</i>	<i>2.297</i>	
February	<i>4.12</i>	<i>3.63</i>	<i>2.05</i>	<i>5.12</i>	<i>2.00</i>	<i>3.74</i>	<i>.85</i>	<i>.70</i>	<i>1.77</i>	<i>2.62</i>	<i>2.660</i>	
March	<i>1.81</i>	<i>2.18</i>	<i>1.58</i>	<i>.91</i>	<i>1.94</i>	<i>1.58</i>	<i>1.66</i>	<i>2.48</i>	<i>3.69</i>	<i>2.32</i>	<i>2.014</i>	
April	<i>2.04</i>	<i>.78</i>	<i>4.95</i>	<i>1.22</i>	<i>2.17</i>	<i>2.01</i>	<i>2.12</i>	<i>1.43</i>	<i>2.63</i>	<i>2.79</i>	<i>2.204</i>	
May	<i>.62</i>	<i>1.25</i>	<i>2.17</i>	<i>2.19</i>	<i>1.27</i>	<i>2.33</i>	<i>4.46</i>	<i>1.83</i>	<i>1.64</i>	<i>2.83</i>	<i>2.059</i>	
June	<i>3.84</i>	<i>1.99</i>	<i>3.57</i>	<i>2.31</i>	<i>3.16</i>	<i>1.56</i>	<i>1.41</i>	<i>1.31</i>	<i>2.21</i>	<i>1.93</i>	<i>2.329</i>	
July	<i>5.13</i>	<i>1.67</i>	<i>3.06</i>	<i>3.36</i>	<i>2.12</i>	<i>.32</i>	<i>3.13</i>	<i>1.18</i>	<i>5.07</i>	<i>4.33</i>	<i>2.937</i>	
August	<i>.62</i>	<i>6.25</i>	<i>2.50</i>	<i>.90</i>	<i>1.08</i>	<i>.85</i>	<i>1.15</i>	<i>1.24</i>	<i>1.99</i>	<i>2.63</i>	<i>1.821</i>	
September....	<i>4.26</i>	<i>1.93</i>	<i>2.64</i>	<i>4.13</i>	<i>1.63</i>	<i>3.84</i>	<i>2.08</i>	<i>2.97</i>	<i>1.56</i>	<i>1.32</i>	<i>2.636</i>	
October	<i>5.53</i>	<i>2.00</i>	<i>7.15</i>	<i>1.86</i>	<i>1.23</i>	<i>3.81</i>	<i>3.89</i>	<i>1.94</i>	<i>1.55</i>	<i>3.22</i>	<i>3.218</i>	
November....	<i>2.57</i>	<i>3.77</i>	<i>4.36</i>	<i>3.26</i>	<i>1.38</i>	<i>4.80</i>	<i>3.22</i>	<i>3.66</i>	<i>5.60</i>	<i>1.15</i>	<i>3.377</i>	
December	<i>3.44</i>	<i>3.37</i>	<i>3.53</i>	<i>.71</i>	<i>2.54</i>	<i>1.07</i>	<i>5.46</i>	<i>1.97</i>	<i>2.46</i>	<i>1.87</i>	<i>2.642</i>	
TOTALS	<i>34.45</i>	<i>31.01</i>	<i>39.23</i>	<i>28.91</i>	<i>23.68</i>	<i>28.58</i>	<i>33.81</i>	<i>24.36</i>	<i>30.96</i>	<i>27.95</i>	<i>30.194</i>	

RAINFALL AT

Welford Park, Newbury

80

Lat. _____

Lon. _____

County of _____

New Rain Gauge, by _____

Observer _____

Mr. E. Ross

St. James - Tennet & Co.

Diameter	5										
Height	1.0										
Altitude	341										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	47	2.18	1.60	2.92	3.14	2.60	4.38	3.64	.90	.96	2.285
February	3.99	3.62	2.02	5.04	1.97	3.62	.87	.70	1.77	2.64	2.624
March	1.84	2.16	1.59	.90	1.92	1.59	1.64	2.49	3.73	2.38	2.024
April	2.07	.78	4.93	1.22	2.19	1.98	2.13	1.43	2.54	2.77	2.204
May .....	.62	1.24	2.15	2.17	1.25	2.29	4.48	1.83	1.65	2.86	2.054
June	3.82	1.99	3.53	2.30	3.17	1.57	1.41	1.33	2.21	1.99	2.332
July	5.11	1.66	3.04	3.33	2.11	.32	3.13	1.18	5.11	4.41	2.940
August .....	.62	6.22	2.48	.87	1.09	.85	1.16	1.25	1.99	2.65	1.918
September	4.22	1.90	2.65	4.12	1.62	3.82	2.08	2.98	1.56	1.37	2.632
October	5.55	1.99	7.17	1.86	1.23	3.88	3.90	1.94	1.55	3.34	3.241
November	2.59	3.75	4.32	3.25	1.36	4.74	3.19	3.68	5.69	1.19	3.376
December	3.44	3.35	3.48	.71	2.51	1.07	5.40	2.01	2.51	1.88	2.636
TOTALS	34.34	30.84	39.02	25.69	23.56	28.33	33.77	24.46	31.21	28.44	30.266

RAINFALL AT *Newbury Welford Park*

Lat. _____

Lon. _____

County of _____

Berks

Rain Gauge, by _____

Observer _____

Mr C Ross
St. James. Street &c.,

Diameter	5											
Height	10											
Altitude	335 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.32	1.94	.90	2.05	2.65	3.36	.89	2.35	.76	4.33	2.255	
February ....	.89	.06	1.36	4.86	2.39	.15	.47	3.10	2.12	3.11	1.851	
March	1.27	2.19	.83	.22	1.84	2.25	3.49	4.51	1.10	.72	1.842	
April	1.73	1.11	.92	.01	2.51	1.91	.72	1.89	2.25	3.16	1.621	
May	1.93	2.76	1.64	1.01	2.80	.73	.45	1.11	3.62	2.43	1.848	
June	1.87	.85	1.81	1.01	2.92	.51	2.42	2.32	1.77	1.94	1.742	
July	3.78	3.10	2.74	3.36	4.39	4.34	.78	1.51	.63	.29	2.492	
August	2.82	5.89	4.16	1.43	2.35	2.83	3.48	2.84	.96	1.25	2.801	
September....	1.72	1.86	3.08	1.23	3.12	1.56	6.04	3.76	.84	2.56	2.577	
October	1.17	8.53	3.65	3.24	4.04	3.68	3.46	1.19	5.34	2.48	3.678	
November....	1.93	3.16	2.34	2.48	6.29	5.55	1.03	.92	3.73	3.31	3.0711	
December ....	.95	5.81	.94	3.34	2.85	2.20	4.18	4.56	2.94	1.87	2.964	
TOTALS . . .	23.38	37.26	24.37	24.24	38.15	39.07	27.41	30.06	26.06	27.45	28.745	

RAINFALL AT Newbury Wellford Park

Lat. _____

Lon. _____

County of Berks

H. James-
Stewart & Co.,

Rain Gauge, by _____

Observer Mr C Ross

New Gauge

Diameter	5											
Height	1 0											
Altitude	341 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.40	1.95	.90	2.03	2.62	3.42	.89	2.38	.77	4.43	2.279	
February ....	.91	.06	1.36	4.76	2.42	.15	.46	3.16	2.19	3.21	1.870	
March	1.31	2.20	.83	.22	1.88	2.29	3.55	4.56	1.13	.75	1.872	
April	1.77	1.11	.91	.01	2.47	1.91	.72	1.92	2.31	3.21	1.634	
May	1.96	2.80	1.64	.98	2.75	.73	.45	1.11	3.64	2.45	1.851	
June	1.88	.85	1.81	.99	2.89	.52	2.42	2.35	1.77	1.98	1.706	
July	3.78	3.14	2.72	3.34	4.36	4.42	.78	1.51	.62	.29	2.496	
August	2.85	5.91	4.18	1.40	2.33	2.90	3.53	2.87	.96	1.27	2.820	
September....	1.74	1.87	3.08	1.21	3.17	1.57	6.06	3.88	.87	2.62	2.609	
October	1.18	8.75	3.68	3.23	3.97	3.72	3.53	1.22	5.32	2.60	3.720	
November....	2.02	3.25	2.32	2.50	6.20	5.69	1.03	.92	3.84	3.41	3.118	
December ....	.95	6.04	.94	3.25	2.87	2.23	4.29	4.72	3.02	1.89	3.020	
TOTALS ...	23.75	37.93	24.37	23.92	37.93	29.55	27.73	30.60	26.44	28.11	29.030	

RAINFALL AT *Newbury Welford Park*

Lat.

Lon.

County of *Berks*

Rain Gauge, by

Observer *J. M. C. Roe*

old Gauge

Diameter ..	5										
Height	10										
Altitude ..	335 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.33	1.68	.93	3.51	4.55						
February ..	4.83	1.85	1.37	1.77	3.72						
March	1.21	1.94	1.96	4.49	1.56						
April	1.00	2.63	1.53	3.06	1.35						
May	1.57	1.26	3.04	3.77	3.22						
June	3.59	1.83	3.35	6.00	.93						
July	1.47	3.82	.93	2.83	2.38						
August	3.03	2.17	3.39	3.90	3.01						
September..	.68	2.36	2.07	2.27	1.51						
October....	2.43	1.39	2.20	8.35	1.60						
November..	2.58	.85	3.81	2.05	2.11						
December..	4.57	5.29	2.19	2.05	2.43						
TOTALS ..	30.29	27.07	26.77	44.05	28.37						

imp. M.

RAINFALL AT *Newbury Welford Park*

Lat. Lon. County of *Beake*

Rain Gauge, by

Observer

*Mr C Ross
m c Pope*

New Gauge

Diameter ..	5										
Height	10										
Altitude ...	341 I					347		341			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.40	1.74	.99	3.57	4.80	.67	5.55	.71	1.95	1.04	2.442
February ..	4.92	1.89	1.45	1.82	3.87	1.01	2.55	1.70	1.56	.69	2.146
March	1.24	1.98	2.08	4.70	1.65	5.77	2.02	1.23	4.57	4.11	2.935
April	1.05	2.65	1.65	3.12	1.42	2.49	1.02	3.79	4.74	2.09	2.402
May	1.57	1.27	3.15	3.88	3.38	.66	1.79	2.14	2.57	1.60	2.201
June	3.58	1.84	3.38	6.20	.95	4.74	3.03	3.80	1.02	3.26	3.180
July	1.45	3.89	.94	2.97	2.42	.97	.68	2.35	2.52	2.43	2.062
August	3.05	2.19	3.39	4.05	3.06	3.55	.90	2.02	4.14	1.58	2.793
September..	.70	2.41	2.07	2.38	1.58	1.80	1.05	.81	3.11	3.87	1.978
October	2.41	1.45	2.22	8.72	1.65	2.42	5.48	7.53	1.33	5.81	3.902
November ..	2.60	.90	3.83	2.23	2.22	4.72	5.20	3.22	1.34	2.03	2.829
December ..	4.74	5.50	2.31	2.21	2.56	1.34	2.59	5.93	2.68	5.01	3.487
TOTALS ..	30.71	27.71	27.46	45.85	29.56	30.14	31.86	35.23	31.53	33.52	32.35

1905 Welford Church 175 yards S
 - Jan 1st gauge moved 145 yards S E
 1906 Welford Park Station 1/4 mile S
 1909 Aug + Nov are certainly wrong

Hub

RAINFALL at Newbury Welford ParkCounty of BerkshireObserver Mr C PopeRiver Basin Thames Kennet & C 4

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	3417										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.98	1.43	4.25	4.15	.78	5.07					
February ...	4.54	1.97	2.69	1.38	4.29	5.83					
March	1.62	2.32	5.45	3.50	5.77	1.50					
April	2.67	1.53	.02	4.43	1.02	1.23					
May	2.28	1.18	1.93	2.73	1.97	3.72					
June	5.10	1.18	3.31	.41	1.66	1.32					
July	2.29	.03	2.54	2.43	2.97	3.91					
August	2.93	.79	5.62	1.10	2.13	3.95					
September ..	.37	.98	1.84	2.27	.42	2.68					
October ...	5.58	2.53	4.22	4.68	3.38	3.96					
November ...	4.85	3.92	2.67	3.23	4.74	2.13					
December ...	5.59	9.21	4.50	1.47	8.79	6.88					
TOTALS ...	40.80 ²	27.07 ³	39.04 ³	31.78 ⁴	37.92 ⁵	42.18 ²	NR				

1910 ? Big.

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