

# RAINFALL AT *Rusfield Priory*

70

Lat..... Lon..... County of *Surrey*  
 Rain Gauge, by..... Observer *J. Fielden Esq.*

*6/Thames. Mole.*

Diameter.....				<i>8</i>								
Height.....				<i>1.2</i>								
Altitude.....									<i>468</i>			
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEAN.	
January.....				<i>2.84</i>	<i>1.43</i>	<i>3.95</i>	<i>1.17</i>	<i>6.27</i>	<i>1.95</i>	<i>2.96</i>		
February.....				<i>1.98</i>	<i>1.63</i>	<i>1.22</i>	<i>3.23</i>	<i>2.36</i>	<i>1.82</i>	<i>3.55</i>		
March.....				<i>1.71</i>	<i>.80</i>	<i>.83</i>	<i>3.55</i>	<i>2.75</i>	<i>1.26</i>	<i>.78</i>		
April.....				<i>.96</i>	<i>1.86</i>	<i>1.23</i>	<i>1.97</i>	<i>3.94</i>	<i>3.42</i>	<i>2.84</i>		
May.....				<i>1.77</i>	<i>.80</i>	<i>1.16</i>	<i>1.00</i>	<i>2.48</i>	<i>3.66</i>	<i>4.29</i>		
June.....				<i>3.10</i>	<i>3.20</i>	<i>3.66</i>	<i>1.45</i>	<i>.88</i>	<i>1.55</i>	<i>4.74</i>		
July.....				<i>1.97</i>	<i>1.12</i>	<i>4.54</i>	<i>.62</i>	<i>3.69</i>	<i>1.08</i>	<i>4.12</i>		
August.....				<i>2.88</i>	<i>2.41</i>	<i>1.31</i>	<i>3.31</i>	<i>3.10</i>	<i>4.75</i>	<i>5.36</i>		
September.....				<i>2.93</i>	<i>3.47</i>	<i>1.95</i>	<i>3.84</i>	<i>1.41</i>	<i>1.49</i>	<i>3.68</i>		
October.....				<i>4.09</i>	<i>4.78</i>	<i>4.94</i>	<i>1.53</i>	<i>2.23</i>	<i>2.81</i>	<i>1.13</i>		
November.....				<i>2.46</i>	<i>2.66</i>	<i>4.04</i>	<i>3.37</i>	<i>5.58</i>	<i>4.29</i>	<i>2.03</i>		
December.....				<i>.52</i>	<i>2.22</i>	<i>1.68</i>	<i>6.47</i>	<i>2.11</i>	<i>1.82</i>	<i>1.12</i>		
TOTALS.....				<i>27.21</i>	<i>26.38</i>	<i>30.51</i>	<i>31.51</i>	<i>36.80</i>	<i>29.90</i>	<i>36.60</i>		

*1876 18790 Greenhouse 9ft distant 12ft high.*

# RAINFALL AT *Nutfield Priory*

80

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

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

County of *Surrey*

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

Observer *J. Fielden, Esq.*

*5- Chance. Mole.*

Diameter ....	<i>8</i>											
Height .....	<i>1.2</i>											
Altitude ....	<i>465 ft</i>	<i>478 ft</i>				<i>468 ft</i>						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January .....	<i>.63</i>	<i>1.22</i>	<i>1.58</i>	<i>2.73</i>	<i>2.36</i>	<i>2.04</i>	<i>4.62</i>	<i>2.28</i>	<i>.90</i>	<i>1.43</i>	<i>1.979</i>	
February ....	<i>2.81</i>	<i>3.24</i>	<i>1.74</i>	<i>3.42</i>	<i>1.83</i>	<i>2.84</i>	<i>4.44</i>	<i>.60</i>	<i>1.65</i>	<i>2.97</i>	<i>2.154</i>	
March .....	<i>.92</i>	<i>2.06</i>	<i>1.11</i>	<i>.98</i>	<i>1.66</i>	<i>1.70</i>	<i>1.69</i>	<i>1.82</i>	<i>3.70</i>	<i>1.90</i>	<i>1.754</i>	
April .....	<i>1.89</i>	<i>.84</i>	<i>1.91</i>	<i>1.40</i>	<i>1.67</i>	<i>1.35</i>	<i>1.64</i>	<i>1.76</i>	<i>2.47</i>	<i>2.58</i>	<i>1.751</i>	
May .....	<i>.54</i>	<i>1.54</i>	<i>1.74</i>	<i>1.81</i>	<i>.62</i>	<i>3.01</i>	<i>5.36</i>	<i>1.56</i>	<i>.64</i>	<i>2.23</i>	<i>1.905</i>	
June .....	<i>3.01</i>	<i>2.21</i>	<i>2.21</i>	<i>1.34</i>	<i>1.71</i>	<i>2.03</i>	<i>1.23</i>	<i>.62</i>	<i>4.57</i>	<i>.84</i>	<i>1.977</i>	
July .....	<i>4.53</i>	<i>1.89</i>	<i>3.41</i>	<i>2.63</i>	<i>1.42</i>	<i>.20</i>	<i>3.16</i>	<i>.83</i>	<i>5.48</i>	<i>2.00</i>	<i>2.555</i>	
August .....	<i>.76</i>	<i>4.58</i>	<i>1.93</i>	<i>1.13</i>	<i>1.21</i>	<i>1.06</i>	<i>1.52</i>	<i>2.42</i>	<i>1.62</i>	<i>3.12</i>	<i>1.935</i>	
September ....	<i>6.37</i>	<i>2.65</i>	<i>2.09</i>	<i>3.18</i>	<i>3.18</i>	<i>4.59</i>	<i>2.05</i>	<i>2.59</i>	<i>.94</i>	<i>.99</i>	<i>2.923</i>	
October .....	<i>7.13</i>	<i>2.82</i>	<i>6.64</i>	<i>2.55</i>	<i>1.66</i>	<i>3.95</i>	<i>2.61</i>	<i>1.53</i>	<i>1.68</i>	<i>5.16</i>	<i>3.577</i>	
November ....	<i>3.20</i>	<i>3.36</i>	<i>3.00</i>	<i>3.80</i>	<i>1.24</i>	<i>2.95</i>	<i>3.39</i>	<i>4.22</i>	<i>4.11</i>	<i>.84</i>	<i>3.011</i>	
December ....	<i>2.79</i>	<i>3.07</i>	<i>2.85</i>	<i>.74</i>	<i>2.85</i>	<i>1.37</i>	<i>3.56</i>	<i>1.59</i>	<i>1.20</i>	<i>1.83</i>	<i>2.290</i>	
TOTALS ....	<i>35.58</i>	<i>29.48</i>	<i>30.81</i>	<i>25.80</i>	<i>21.41</i>	<i>27.07</i>	<i>31.27</i>	<i>21.82</i>	<i>28.96</i>	<i>25.89</i>	<i>27.811</i>	

*1880. Nutfield Church, 1 mile. N.E*

*1880 Greenhouse 12ft. high 9ft. E*  
*Shrubbery 18ft. - 21ft. W*

# RAINFALL AT Nutfield Priory

Lat. ....

Lon. ....

County of Surrey

Rain Gauge, by .....

Observer Mr J. Fielden Esq

5. Thames. Mole

my Mr. Ball

Diameter ....	8										
Height .....	1.2										
Altitude ....	468 ft										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.74	2.53	.69	2.33	4.15	2.22	.90	2.22	.84	2.70	2.132
February ....	.93	.04	1.44	3.52	2.14	.28	.36	2.62	1.24	2.64	1.521
March .....	2.70	2.58	1.26	.82	1.01	1.64	3.57	3.97	1.33	.63	1.961
April .....	2.43	.63	1.77	.06	2.11	1.98	.90	1.66	1.06	3.00	1.560
May .....	1.66	2.29	1.39	.75	1.66	.51	.25	1.41	3.30	1.40	1.462
June .....	3.19	1.87	4.42	.91	2.47	.51	3.08	2.25	1.97	1.23	2.190
July .....	3.99	5.05	1.85	2.65	4.59	4.88	1.17	1.18	.63	.58	2.660
August .....	2.96	4.64	3.55	1.01	2.36	3.12	2.44	2.57	1.13	.71	2.469
September....	1.21	1.25	2.25	1.48	2.12	.43	7.47	2.29	.40	2.84	2.144
October .....	1.40	6.01	4.10	3.81	4.27	3.38	4.87	.56	3.33	2.18	2.391
November....	2.00	2.72	2.78	2.59	4.79	4.89	1.50	1.35	3.97	4.78	3.182
December ....	.92	3.49	1.96	2.34	2.22	2.70	3.57	2.95	2.45	1.37	2.394
TOTALS ...	26.13	33.10	27.49	22.27	34.09	26.54	30.08	25.03	21.65	24.01	27.039

1890 Nutfield Church 1 Mile NE

Greenhouse 8 ft high 8 ft E

Shrub 15 " " 17 " S



# RAINFALL AT Nutfield Priory

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

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

County of Surry

5. Sharnes. Mole.

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

Observer Mr J Moffatt

New Gauge

Diameter ....									8		
Height .....									1 2		
Altitude ....									431 <sup>ft</sup>		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....									.88	3.11	
February ....									1.26	2.94	
March .....									1.79	.68	
April .....									1.15	3.12	
May .....									3.40	1.39	
June .....									1.97	1.35	
July .....									.61	.58	
August .....									1.15	.72	
September....									.45	3.00	
October .....									3.35	2.29	
November....									4.12	5.09	
December ....									2.89	1.48	
TOTALS ....									23.03	25.75	

Brick wall 12 ft high 135 ft

# RAINFALL AT

Nutfield Priory

Lat.

Lon.

County of

Surrey East

Copper Rain Gauge, by N+Z

Observer

Mr Fielden

of Thame. Mole.

Diameter ..	8											
Height ....	1	2										
Altitude ..	468	8										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.43	1.28	.82	2.33	4.23	1.28	4.78	1.28	1.79	1.22	2.344	
February ..	3.90	1.84	1.08	1.78	2.73	.68	2.53	1.31	1.37	.56	1778	
March ....	.59	2.17	1.82	2.57	1.59	3.80	1.66	.99	2.86	3.21	2746	
April .....	1.11	1.92	.87	2.30	1.51	1.73	.56	3.68	2.91	1.71	1.830	
May .....	1.19	1.58	2.68	2.75	2.54	.72	1.39	2.15	2.23	1.64	1787	
June .....	2.55	1.63	4.29	5.32	1.22	5.19	2.02	1.83	1.88	2.93	2886	
July .....	1.47	2.45	1.86	4.45	.96	.72	.62	1.37	3.23	4.05	2.118	
August ....	3.53	2.04	3.61	4.05	1.61	2.49	.98	3.07	4.09	2.85	2.832	
September ..	1.24	1.83	.48	2.53	1.60	2.06	1.74	.62	1.53	3.43	1706	
October ....	2.04	3.81	2.27	7.26	2.71	1.55	3.94	4.08	2.20	5.15	3.501	
November ..	2.93	.72	2.08	2.79	1.58	4.32	5.41	2.57	1.04	1.01	2445	
December ..	3.00	4.22	1.32	1.94	2.78	.66	2.25	3.23	2.78	3.61	2.579	
TOTALS ..	26.98	25.49	23.18	40.07	25.06	25.20	27.88	26.18	27.91	31.37	27.932	

1901 Nutfield Church 1 mile N.E.

Greenhouse 12 ft high 8 ft NE

Shrubs 18 ft high 8 ft NE

1904 Nutfield Station 1/2 mile S 100 small in Jan & Feb

1906 Redhill - 2 - W

St Peter & Paul Church - E

1909 Nutfield Church 3/4 mile NE

# RAINFALL AT

Nutfield Priory

Lat.

Lon.

County of

Surrey East.

Cylindrical Rain Gauge, by N43  
of Thames - mole.

Observer

Mr J. M. J. J.

Diameter ..	8											
Height ....	1 2											
Altitude ..	431 T						331	431 T				
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.65	1.35	.84	2.39	5.23	1.34	5.62	1.29	1.62	1.18	2.451	
February ..	4.87	1.64	1.14	1.87	3.30	.92	2.73	1.46	1.39	.57	1.979	
March ....	.72	2.35	2.15	3.04	1.68	4.10	1.57	1.01	2.89	3.63	2.314	
April .....	1.14	2.14	.92	2.24	1.64	1.89	.66	3.74	2.48	1.79	1.864	
May .....	1.23	1.66	2.65	2.86	2.59	.75	1.48	2.26	2.22	1.69	1.939	
June .....	2.43	1.63	4.18	5.25	1.19	5.01	1.98	1.78	1.85	2.93	2.203	
July .....	1.53	2.52	1.94	4.58	.94	.73	.64	1.35	3.16	3.85	2.124	
August ....	3.21	2.16	3.66	4.17	1.62	2.52	1.10	3.03	3.99	2.41	2.787	
September ..	1.22	1.90	.48	2.53	1.76	2.04	1.69	.62	1.31	3.29	1.684	
October .....	2.09	3.50	2.23	7.38	2.75	1.61	4.19	4.28	2.14	5.34	2.551	
November ..	2.96	.74	2.16	2.84	1.56	4.85	5.37	2.58	1.04	.99	2.507	
December ..	3.26	4.52	1.41	2.34	3.07	.77	2.41	3.42	2.95	3.86	2.801	
TOTALS ..	28.31	26.11	23.76	41.49	27.33	26.43	29.44	26.82	27.04	31.53	28.826	

1903 St Peter & Paul Church 3/4 mile NE

Nutfield Station 1 mile S

Well 12 ft deep 60 ft N

1906 Gauge practically stands in the open

1908 New gauge



RAINFALL at Nutfield PrioryCounty of SurreyObserver Mr FieldenRiver Basin Thames-Mole 5Rain Gauge, by N+3

Diameter ...	8										
Height .....	1 2										
Altitude ...	468 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.24	1.46	2.61	3.96	.89	3.61	1.43	1.55	3.37	3.45	2.457
February ...	3.52	1.41	1.96	1.09	3.55	4.03	4.67	1.16	1.38	2.22	2.499
March .....	1.26	2.16	3.74	2.90	5.23	.84	4.42	2.05	1.13	3.85	2.758
April .....	2.10	2.13	.08	3.04	1.23	1.32	1.33	2.69	3.71	2.80	2.043
May .....	2.46	1.92	1.24	2.11	1.28	3.05	3.05	1.68	1.94	.18	1.891
June .....	2.05	2.48	4.92	.47	.96	1.39	2.25	1.56	.59	.97	1.764
July .....	2.99	.36	1.22	3.09	2.41	4.28	1.38	4.84	5.39	1.93	2.759
August .....	2.54	.54	5.85	2.02	1.64	2.29	3.57	5.42	1.21	2.18	2.726
September ..	.75	1.70	3.07	1.65	1.06	2.33	1.67	2.35	5.64	1.05	2.127
October ...	2.99	4.45	3.05	4.58	1.70	2.85	5.32	4.23	1.99	.93	3.209
November ..	3.68	5.00	2.61	2.86	3.79	2.80	5.59	1.76	2.19	1.94	3.222
December ...	3.53	5.80	3.11	1.67	8.09	6.44	3.18	2.35	2.46	4.35	4.098
TOTALS ...	30.11	29.41	33.46	29.44	31.83	35.23	37.86	31.34	31.00	20.85	31.553

1910 greenhouse  
1911 zero

12 ft high 8 ft E  
30 ft - 30 ft W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Nutfield	<sup>3</sup> / <sub>4</sub> mile	S	Nutfield	<sup>1</sup> / <sub>2</sub> mile	N E

RAINFALL at Hullfield PrioryCounty of SumnerObserver Wm J. MoffattRiver Basin Thomas. Mole 5Rain Gauge, by N+3

Diameter ...	8										
Height .....	1.2										
Altitude ...	331 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.44	1.52	2.92	4.20	.98	4.29	1.72	1.68	3.46	3.96	2717
February ...	3.79	1.59	2.22	1.05	4.86	5.05	5.08	1.16	1.45	2.43	2868
March .....	1.23	2.17	4.17	3.29	5.63	.86	4.62	2.13	1.11	4.11	2932
April .....	2.09	2.23	.07	3.40	1.36	1.43	1.40	2.76	4.03	2.89	2166
May .....	2.44	2.07	1.21	2.22	1.33	3.12	3.09	1.75	2.01	.18	1942
June .....	1.99	2.45	4.91	.45	1.03	1.37	2.30	1.66	.62	.99	1777
July .....	3.07	.35	1.33	3.03	2.45	4.53	1.29	4.66	5.27	1.97	2795
August .....	2.61	.59	5.98	1.96	1.61	2.46	3.67	5.61	1.27	2.40	2816
September ..	.76	1.68	3.08	1.67	1.30	2.37	1.74	2.39	5.66	1.11	2146
October ...	2.96	4.66	3.26	4.63	1.75	2.95	5.60	4.38	2.04	.92	3315
November ..	3.74	5.37	2.82	3.07	4.34	3.06	6.26	1.75	2.45	2.14	3500
December ...	4.38	7.04	3.47	1.67	8.66	7.10	3.38	2.78	2.81	4.91	4620
TOTALS ...	31.50	31.72	35.44	30.64	35.00	35.59	40.15	32.71	32.18	28.01	33.594

1910 Brookville 12 ft high 75 ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Hullfield	$\frac{3}{4}$ mile	S	Hullfield	$\frac{1}{2}$ mile	N



RAINFALL at Nutfield PrioryCounty of SurreyObserver M<sup>rs</sup> FieldenRiver Basin Thames-Mole &c.Mrs. Ferris (1921)Cylinders Rain Gauge, by H. G. J.1922-9 Nutfield priory

Diameter ...	8											
Height .....	1	2										
Altitude ...	468											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	
January ...	3.12	2.63	3.09									
February ...	.62	.27	2.14									
March .....	1.61	1.57	1.91									
April .....	2.66	1.37	3.19									
May .....	1.18	1.53	.75									
June .....	1.46	.16										
July .....	4.50	.14										
August .....	1.43	1.67										
September...	4.23	.95										
October .....	1.23	1.27										
November...	1.78	1.61										
December...	2.34	1.87										
TOTALS...	26.16	15.04										

1920 Greenhouse 12 ft high S 4 E.  
Trees 50 " .. 30 " W.

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
1920			Nutfield	1/2 mi	S	Nutfield	1 mi	N E

RAINFALL at *Nutfield Priory*County of *Surrey*Observer *Mr J. Mappatt*River Basin *Thames - Mole &**Glaisher**Cylinder* Rain Gauge, by *R. & G.*

Diameter ...	8										
Height .....	1 2										
Altitude ...	331		313	431	331		313				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.43	2.96	3.73	1.72	2.93	2.91	3.03	2.31	3.59		
February ...	.66	.27	2.52	3.82	.81	4.20	2.62	4.61	1.48		
March .....	1.76	1.64	2.03	1.69	1.53	.87	.48	3.00	2.09		
April .....	2.92	1.50	3.17	2.30	3.98	3.19	4.18	2.15	1.81		
May .....	1.22	1.73	.86	3.27	3.83	2.53	1.89	1.13	2.33		
June .....	1.53	.14	1.45	.55	2.81	.21	3.88	3.88	2.44		
July .....	4.80	.21	3.82	4.01	4.10	4.80	2.09	3.16	1.80		
August .....	1.47	1.81	2.65	2.15	3.84	2.89	2.62	5.30	2.41		
September...	4.57	1.05	1.88	1.59	3.48	2.86	.79	5.79	.44		
October .....	1.38	1.26	.99	7.00	3.71	3.47	2.42	2.15	5.59		
November...	2.04	1.72	1.86	1.72	3.35	2.97	5.83	3.07	2.73		
December...	3.06	1.87	4.15	3.04	3.42	3.53	.58	5.28	3.12		
TOTALS...	28.84	16.16	29.11	32.86	37.79	34.43	30.44	41.83	30.59	#	94.557-1/2

1920. Brick Wall 12ft high 75ft N.

1922. Trees 20ft high 50yds S.

1926. Wood 60ft. W.

House 90.. S.

3 inspectors 21/8/28 see green file

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			<i>Nutfield</i>	3/4 mi	S	<i>Nutfield</i>	1 mi	N.E.
1926			<i>Rehill</i>	1 m	W.			