



# RAINFALL AT

*Abinger Hall Docking*

80

Lat. ....

Lon. ....

County of

*Surrey*

Rain Gauge, by

Observed

*T. A. Farrer, Esq. Bant*

*6- Chamber. Way.*

Diameter ....	<i>8</i>										
Height .....	<i>2.0</i>										
Altitude ....	<i>400</i>				<i>320</i>						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	<i>.60</i>	<i>1.64</i>	<i>1.54</i>	<i>2.44</i>	<i>2.60</i>	<i>2.57</i>	<i>4.22</i>	<i>2.77</i>	<i>1.19</i>	<i>1.52</i>	<i>2.109</i>
February .....	<i>3.25</i>	<i>3.26</i>	<i>2.28</i>	<i>5.19</i>	<i>1.92</i>	<i>3.58</i>	<i>.47</i>	<i>.89</i>	<i>1.30</i>	<i>2.91</i>	<i>2.515</i>
March .....	<i>.92</i>	<i>2.38</i>	<i>.94</i>	<i>1.35</i>	<i>2.29</i>	<i>2.34</i>	<i>1.72</i>	<i>2.03</i>	<i>4.17</i>	<i>2.89</i>	<i>2.103</i>
April .....	<i>1.98</i>	<i>.37</i>	<i>3.67</i>	<i>1.52</i>	<i>.90</i>	<i>1.36</i>	<i>2.16</i>	<i>1.94</i>	<i>2.14</i>	<i>2.63</i>	<i>1.867</i>
May .....	<i>.36</i>	<i>1.49</i>	<i>1.35</i>	<i>2.13</i>	<i>.35</i>	<i>4.19</i>	<i>3.97</i>	<i>1.74</i>	<i>1.70</i>	<i>4.03</i>	<i>2.131</i>
June .....	<i>3.60</i>	<i>1.79</i>	<i>2.46</i>	<i>1.61</i>	<i>1.99</i>	<i>2.19</i>	<i>.68</i>	<i>1.13</i>	<i>3.55</i>	<i>1.00</i>	<i>2.000</i>
July .....	<i>5.14</i>	<i>2.39</i>	<i>3.01</i>	<i>2.41</i>	<i>1.44</i>	<i>.55</i>	<i>2.81</i>	<i>1.01</i>	<i>5.33</i>	<i>1.31</i>	<i>2.540</i>
August .....	<i>1.50</i>	<i>5.39</i>	<i>1.21</i>	<i>.82</i>	<i>1.73</i>	<i>.87</i>	<i>1.33</i>	<i>2.62</i>	<i>2.22</i>	<i>2.60</i>	<i>2.029</i>
September .....	<i>5.90</i>	<i>2.49</i>	<i>3.12</i>	<i>3.69</i>	<i>2.74</i>	<i>5.47</i>	<i>1.86</i>	<i>2.95</i>	<i>1.16</i>	<i>2.16</i>	<i>3.154</i>
October .....	<i>6.28</i>	<i>2.46</i>	<i>6.78</i>	<i>3.16</i>	<i>1.29</i>	<i>4.31</i>	<i>3.73</i>	<i>2.02</i>	<i>1.66</i>	<i>5.88</i>	<i>3.757</i>
November .....	<i>3.47</i>	<i>4.71</i>	<i>3.07</i>	<i>4.45</i>	<i>2.12</i>	<i>3.29</i>	<i>3.97</i>	<i>5.89</i>	<i>4.74</i>	<i>1.24</i>	<i>3.695</i>
December .....	<i>3.76</i>	<i>3.83</i>	<i>3.25</i>	<i>.63</i>	<i>2.80</i>	<i>1.50</i>	<i>5.02</i>	<i>1.97</i>	<i>2.18</i>	<i>2.03</i>	<i>2.697</i>
TOTALS .....	<i>36.86</i>	<i>32.20</i>	<i>32.68</i>	<i>29.40</i>	<i>22.17</i>	<i>32.22</i>	<i>31.94</i>	<i>26.96</i>	<i>31.34</i>	<i>30.20</i>	<i>30.597</i>

*1880 Abinger Church, 1 1/2 miles. S.E.*

*1885 Bore. 4 ft. High 8 ft. 5*

# RAINFALL AT

*Dorking Abinger Hall*

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

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

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

*Surrey*

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

Observer \_\_\_\_\_

*W. J. H. Farrow Esq.  
R. Hon. Lord Farrow*

*6 - Thames. West.*

Diameter ....	8										
Height .....	2.0										
Altitude ....	320 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.70	2.72	.82	2.32	4.26	2.51	.84	2.96	.77	3.14	2.404
February ....	1.08	.04	1.18	4.22	1.73	.20	.40	3.37	1.54	3.19	1.695
March .....	2.51	2.47	1.54	.64	1.92	2.20	3.69	5.66	1.65	.67	2.295
April .....	3.21	.85	1.19	.10	2.76	2.38	.75	1.62	1.06	2.94	1.686
May .....	1.58	2.75	1.37	.55	2.21	.56	.38	1.57	3.79	1.31	1.607
June .....	2.89	1.49	2.56	.83	2.75	.37	3.69	1.66	1.50	1.36	1.910
July .....	3.54	2.96	2.11	2.64	5.66	5.71	1.39	1.88	.51	.93	2.438
August .....	3.02	5.85	3.38	.89	2.39	3.39	2.51	3.81	1.15	.88	2.427
September....	1.08	1.49	2.87	1.30	2.10	.63	8.00	2.61	1.01	2.93	2.402
October .....	1.25	7.58	4.69	4.30	5.50	3.61	4.17	.72	3.83	2.48	3.813
November....	3.03	3.72	3.20	2.68	5.01	5.67	1.94	1.18	4.76	5.62	3.681
December ....	.68	4.62	2.07	3.23	2.43	3.21	5.22	4.25	3.41	1.61	3.073
TOTALS . . .	27.57	36.54	26.98	23.70	38.72	30.44	32.98	31.29	24.98	27.06	30.026

*1890 Abinger Church 1 1/2 Miles S E*

*Roses 4 ft high 8 ft S*

*1896 End of Oct Gauge moved 12 ft S*



# RAINFALL AT *Abinger Hall*

Lat. ....

Lon. ....

County of *Surrey*

*West*

Rain Gauge, by .....

Observer *R. Van Land*

*Farrer*

*6. Thames - Sey*

*W. G. Payne*

Diameter ..	8											
Height ....	2	0										
Altitude ..	320	T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.10	1.36	.98	2.78	5.20	1.57	5.45	1.02	2.10	1.31	2587	
February ..	6.44	2.51	1.32	2.18	3.92	.85	2.39	2.00	1.30	.77	2368	
March ....	1.02	2.35	2.02	3.39	1.60	4.20	1.86	1.20	3.82	5.25	2671	
April .....	1.11	2.19	1.20	2.60	1.36	1.56	.77	5.19	3.66	2.79	2243	
May .....	1.06	.48	2.46	3.48	2.76	.67	1.88	3.26	2.77	2.24	2106	
June .....	3.43	2.44	3.68	5.19	.64	5.61	2.26	2.14	2.40	3.43	3122	
July .....	1.13	1.77	1.27	4.45	1.40	.68	.74	1.65	2.87	3.64	1960	
August ....	4.23	1.76	2.90	5.97	2.09	3.45	.74	3.69	5.52	3.15	3350	
September ..	.96	2.62	.83	3.97	1.82	2.02	1.85	.87	1.46	3.28	1968	
October ....	2.11	2.50	2.44	8.93	2.50	1.89	5.06	7.08	2.83	7.08	4242	
November ..	3.01	.89	3.29	2.53	1.51	4.94	6.04	2.91	1.05	.95	2712	
December ..	3.53	5.35	1.44	3.13	3.33	.76	2.86	4.49	3.94	4.85	3368	
TOTALS ..	32.13	26.22	23.83	48.60	28.13	28.20	31.90	35.50	33.72	38.74	3269	✓

*M M M M M*

10 197

## RAINFALL at

Abinger Hall

County of SurreyObserver Lord Tanner

G. Payne P. Col

River Basin Thames. Sey 6

Rain Gauge, by

Diameter ...	8										
Height .....	20										
Altitude ...	320 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.84	1.95	3.70	4.73	.93	2.85	1.75	1.82	3.85	5.42	
February ...	5.28	1.90	2.78	1.32	5.76	3.82	6.94	1.28	1.87	3.11	
March .....	2.01	2.69	5.06	3.66	5.99	.81	6.38	2.79	1.42	5.29	
April .....	2.32	2.24	.03	3.21	1.42	1.70	1.41	2.82	5.39	3.73	
May .....	2.60	1.34	1.70	3.60	1.48	3.40	2.61	1.92	2.07	.09	
June .....	2.74	2.76	3.61	.58	.89	2.90	2.70	1.53	1.54	1.11	
July .....	4.12	.74	2.28	3.44	2.15	5.89	1.45	5.11	4.64	2.54	
August .....	3.92	.75	7.43	1.94	1.61	2.52	3.96	6.23	1.41	3.01	
September ..	.82	1.22	4.55	2.68	1.29	2.66	2.22	2.26	5.55	1.81	
October ...	4.34	5.05	3.28	5.32	2.00	3.71	5.92	3.82	1.74	1.07	
November ...	4.05	4.68	3.13	3.41	3.85	3.55	6.38	1.30	3.35	2.13	
December ...	5.86	9.51	4.00	1.86	7.96	7.64	3.95	3.11	2.92	5.83	
TOTALS ...	40.90	34.83	41.55	36.23	35.36	41.45	45.67	33.99	35.75	35.14	380.87

1913 final den of high 20 ft SW  
 1915 Not printed of high Jan-Mar

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Jomshall	1 1/2 m	W	Abinger	1 1/2 m	SE



197  
20RAINFALL at Abinger HallCounty of SurreyObserver: L. C. BayardLord FarrerRiver Basin Thames - Key 61926 a.p. below

(per a.p. below)

M. O.

Rain Gauge, by

(127)

F. 85

26.78

22.58

31.40

27.20

22.35

37.34

34.95

28.37

38.04

43.53

44.15

395.56

Diameter ...	8												
Height* .....	2	0					1	7		1	0		
Altitude ...	320						400						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930		Mean
38.85	January ...	3.83	2.93	5.16	2.01	2.95	3.43	3.97	2.58	5.31	1.27	5.41	3.53
26.78	February ...	.64	.44	3.09	5.96	.83	4.66	2.08	4.92	2.20	.90	1.06	2.43
22.58	March .....	2.45	1.83	2.98	3.16	1.24	.49	.43	4.60	2.92	.02	2.23	2.05
31.40	April .....	4.05	1.42	4.23	3.13	4.61	2.15	3.80	2.18	2.34	1.14	2.32	2.86
27.20	May .....	.93	2.66	1.04	3.74	4.47	3.36	1.80	1.27	2.26	2.81	2.86	2.47
22.35	June .....	1.63	.19	1.25	.42	3.62	.16	4.07	4.78	3.29	1.99	0.95	2.03
37.34	July .....	6.09	.46	5.40	2.16	5.86	5.06	2.23	2.80	1.86	1.89	3.53	3.40
34.95	August .....	1.82	1.87	2.70	3.84	4.63	3.74	1.92	4.71	2.61	2.17	4.94	3.18
28.37	September...	3.05	1.33	2.24	1.87	4.43	2.97	1.06	6.33	1.35	.14	3.60	2.58
38.04	October .....	2.46	.62	1.41	6.98	4.79	3.37	2.49	2.73	4.04	4.50	1.62	3.46
43.53	November...	2.01	2.08	2.46	2.17	3.70	3.46	6.51	4.06	3.25	8.78	5.05	3.96
44.15	December...	3.41	2.04	5.40	3.53	6.16	(3.00)	.61	4.99	2.99	8.89	3.13	4.01
395.56	TOTALS...	32.37	17.87	57.26	38.97	47.52	(35.85)	30.97	45.95	34.68	34.50	36.70	35.96
		D				D	D	D	D	D	D	D	

1925. Dec. treasure broken: amount est. from map.

1930. Frames 3' high 12' approx h.t.

G. read 9 a.m. winter &amp; 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 Direction from gauge	Parish Church.	Distance Direction from gauge
1920			Ponshall	1 1/2 mi W	Abinger	1 1/2 mi S.E.

RAINFALL at Abinger HallCounty of SurreyObserver Lord FarrerRiver Basin Thames & WeyType of Gauge M.O.

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

699327/26

Diameter .....							8					
Height .....							1 5		3 0	1 5		
Altitude .....							300					
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January .....							7.06	3.70	6.69	3.22		
February .....							5.24	.95	1.74	3.53		
March .....							4.95	.41	1.83	4.47		
April .....							3.49	.19	3.66	2.20		
May .....							2.70	1.67	2.33	1.50		
June .....							1.99	.75	1.50	.61		
July .....							2.28	2.38	3.86	3.56		
August .....							.99	1.40	2.44	.15		
September .....							2.88	2.31	1.18	1.93		
October .....							3.39	3.69	6.99	4.33		
November .....							2.59	5.32	6.16	10.53		
December .....							5.58	5.47	2.28	1.92		
TOTALS .....							42.94	28.24	40.66	37.95		

Station  
previously numbered  
(see 10 yr. sheet)

1937 Frames 3' high 6 yds N.N.E.

1939 Garden frames 3' high 6 yds S.

Dr. Arnold has recorded an error in the station number of a value 234.1 inches. This is too large one this error is being pointed at present (5.10.41)

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
1937			Gomshall	1 ml	S.W.	Abinger	1 ml.	S.E.

RAINFALL at Abinger HallCounty of SurreyObserver Lord FarrerRiver Basin Thames - Wey 6Type of Gauge A.O.

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

699337/26

Diameter	8	8									
Height	1 0	1.1		1'5"							
Altitude	300	300									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.46	3.55	2.96	2.60	1.47	6.54					
February	2.42	.65	4.44	.31	4.72	2.36					
March	.62	1.99	3.89	3.17	.46	2.20					
April	5.30	3.65	.86	3.22	3.82	2.38					
May	2.79	4.87	2.69	.74	1.96	.45					
June	1.98	1.93	2.06	1.00	4.29	3.71					
July	4.28	3.16	2.36	3.04	.98	4.35					
August	4.79	.76	1.33	2.68	3.97	.55					
September	2.29	2.91	2.73	2.29	4.63	2.65					
October	.71	6.80	2.50	2.65	4.31	2.31					
November	3.97	1.62	1.70	3.97	8.87	4.96					
December	.96	.98	.54	9.72	4.91	4.26					
TOTALS	32.57	32.87	28.06	35.39	44.40	36.72					

Station removed 193/5

1931. Garden frames 3' high, by do. H.N.E.

193/5  
renumbered  
station

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

No. of Map.....

Reference No. 12.12.1714

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Gonshall	1 1/2 m.	N.W.	Abinger	1 m.	S.E.
1934			"	1 mi.	W			



Station No. 193/5RAINFALL at Abinger Hall

41

County of SurreyObserver Lord FarmerRiver Basin Thames-WeyType of Gauge M.O.

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

File No. 699337/26 (RA ext 50)

Diameter	8"				282	532					
Height	1' 5"		3	0	1	8		1			
Altitude	300'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.85	3.77	6.53	2.31	2.38	2.76	2.65	5.08			
February	4.17	.79	2.10	.71	2.08	2.40	1.77	1.92			
March	4.02	1.92	.41	.14	1.73	1.28	5.46	.85			
April	2.47	2.13	1.31	1.55	1.10	2.69	2.87	1.80			
May	2.49	3.56	3.15	1.08	1.95	3.70	1.14	3.03			
June	2.89	.16	1.56	1.65	2.43	2.38	2.35	2.93			
July	2.85	2.15	2.31	1.64	4.76	1.78	1.77	1.13			
August	4.74	3.28	1.87	1.86	1.92	5.65	.54	4.27			
September	.29	2.54	2.24	2.52	2.66	4.19	1.25	2.21			
October	1.26	3.57	3.82	4.72	3.77	1.28	.43	2.03			
November	4.11	1.90	1.59	4.85	.18	5.64	1.21	1.91			
December	2.50	3.80	2.00	2.73	4.53	3.77	2.41	4.61			
TOTALS	35.14 D	29.57 D	28.89 D	25.76 D	29.49 D	37.52 D	23.85 D	31.81 D	#		

1941. Garden frames 3' high 6" NNE.

# 1949 record ceased on change of address... incl. 1949.

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

No. of Map.....

Reference No. 70105474

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Gomshall	1 mile	NW	Abinger	1 mile	SE

BRITISH RAINFALL ORGANIZATION