

# RAINFALL AT *Guy Hall, Cambridge*

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

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

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

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

Observer *Miss Francis*

*case 2.*

Diameter ....	<i>5"</i>										
Height .....	<i>5"</i>										
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>#.25</i>	<i>.83</i>	<i>1.44</i>	<i>1.77</i>	<i>1.48</i>	<i>1.70</i>	<i>2.62</i>	<i>1.52</i>	<i>.70</i>	<i>.71</i>	<i>1.302</i>
February ....	<i>1.54</i>	<i>2.13</i>	<i>1.09</i>	<i>2.29</i>	<i>.77</i>	<i>1.50</i>	<i>.31</i>	<i>0.73</i>	<i>1.07</i>	<i>1.35</i>	<i>1.278</i>
March .....	<i>.58</i>	<i>1.15</i>	<i>1.73</i>	<i>1.23</i>	<i>.67</i>	<i>.86</i>	<i>1.45</i>	<i>1.59</i>	<i>2.15</i>	<i>1.18</i>	<i>1.259</i>
April .....	<i>2.09</i>	<i>1.28</i>	<i>2.62</i>	<i>1.86</i>	<i>.99</i>	<i>1.76</i>	<i>.92</i>	<i>1.12</i>	<i>1.36</i>	<i>2.05</i>	<i>1.605</i>
May .....	<i>.46</i>	<i>1.37</i>	<i>1.17</i>	<i>1.10</i>	<i>.95</i>	<i>3.20</i>	<i>3.28</i>	<i>2.31</i>	<i>.60</i>	<i>3.89</i>	<i>1.833</i>
June .....	<i>2.90</i>	<i>2.07</i>	<i>2.26</i>	<i>4.92</i>	<i>.87</i>	<i>1.90</i>	<i>.55</i>	<i>.43</i>	<i>1.91</i>	<i>2.53</i>	<i>2.034</i>
July .....	<i>4.38</i>	<i>1.79</i>	<i>2.27</i>	<i>2.42</i>	<i>2.99</i>	<i>.63</i>	<i>3.04</i>	<i>.44</i>	<i>4.33</i>	<i>4.39</i>	<i>2.668</i>
August .....	<i>1.24</i>	<i>5.34</i>	<i>1.74</i>	<i>.75</i>	<i>1.45</i>	<i>1.61</i>	<i>2.02</i>	<i>1.23</i>	<i>2.39</i>	<i>2.03</i>	<i>1.980</i>
September....	<i>3.03</i>	<i>1.98</i>	<i>2.26</i>	<i>4.30</i>	<i>2.00</i>	<i>3.22</i>	<i>.90</i>	<i>2.15</i>	<i>1.04</i>	<i>2.95</i>	<i>2.383</i>
October .....	<i>4.95</i>	<i>2.62</i>	<i>4.78</i>	<i>1.76</i>	<i>1.33</i>	<i>4.49</i>	<i>1.86</i>	<i>1.40</i>	<i>.70</i>	<i>3.43</i>	<i>2.732</i>
November ....	<i>1.50</i>	<i>1.56</i>	<i>2.56</i>	<i>2.74</i>	<i>1.30</i>	<i>3.04</i>	<i>2.69</i>	<i>1.85</i>	<i>3.16</i>	<i>.95</i>	<i>2.135</i>
December ....	<i>2.10</i>	<i>2.96</i>	<i>2.18</i>	<i>1.63</i>	<i>1.83</i>	<i>.77</i>	<i>3.05</i>	<i>1.10</i>	<i>.96</i>	<i>1.12</i>	<i>1.770</i>
TOTALS ....	<i>25.02</i>	<i>25.08</i>	<i>26.10</i>	<i>26.77</i>	<i>16.63</i>	<i>24.68</i>	<i>22.69</i>	<i>15.87</i>	<i>20.37</i>	<i>26.58</i>	<i>22.979</i>

*1881. Guy 3/4 mile S.*

RAINFALL AT Luz Hall

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

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

County of Cambridge

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

Observer Mr Francis

Case - 2.

Diameter ....	5											
Height .....	0 5											
Altitude ....	... 61											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	1.75	1.75	.74	1.68	1.55	2.23	1.00	1.61	1.01	2.11	1.5113	
February ....	.78	.00	1.92	2.24	1.34	.26	.69	1.97	.76	1.11	1.107	
March .....	2.20	1.23	1.04	.33	.76	1.57	2.95	2.15	1.70	1.02	1.495	
April .....	.92	1.00	1.62	.11	.98	.92	1.08	1.76	1.44	2.14	1.197	
May .....	1.69	2.95	1.27	1.00	2.23	.46	.39	1.36	2.44	1.62	1.541	
June .....	1.94	1.99	3.50	1.22	1.89	1.30	2.25	2.12	2.27	.94	1.942	
July .....	3.28	3.43	2.82	4.34	3.27	3.84	1.40	1.24	1.32	2.04	2.698	
August .....	1.12	4.17	3.31	3.22	3.03	4.87	2.81	2.56	1.90	.91	2.790	
September....	.21	1.31	2.89	.69	1.47	.64	5.12	2.75	.17	2.25	1.750	
October.....	1.38	4.13	4.82	2.68	2.21	2.19	2.83	.91	2.08	1.68	2.461	
November....	1.53	1.62	1.62	2.74	3.02	2.72	.81	.88	1.66	2.74	1.924	
December ....	.64	2.33	1.13	1.21	1.81	1.72	2.69	1.31	2.09	1.47	1.640	
TOTALS . . .	17.44	25.91	26.38	21.46	23.56	22.72	24.02	20.62	18.84	20.03	22.098	

1890 Luz Church 1 Mile S

Tree House too far off to affect gauge

Observer states that .61 in for April + 2.28 in for July

printed by Frynau memorial

## RAINFALL AT

Cambridge Bay Hall

Lat. ....

Lon. ....

County of

Cambridge

Rain Gauge, by ..

Observer

H. G. Fordham Esq. H. G. Fordham Esq.

June 2.

J. M. Graves Francis

Diameter ..	5										
Height ....	0 5										
Altitude ..	61						24	K			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.66	.54	.65	1.77	1.30	1.23	2.71	1.33	.67	.76	1.362
February ..	3.20	.63	1.08	.49	2.37	1.25	1.86	1.21	1.16	.31	1.356
March ....	.56	2.13	.86	1.81	1.57	2.04	1.62	1.04	1.85	2.79	1.627
April .....	.91	2.36	1.13	1.59	.83	1.79	1.13	2.70	2.57	1.37	1.638
May .....	1.38	1.30	2.67	3.76	1.34	1.59	1.43	2.59	1.12	1.45	1.863
June .....	2.53	1.79	2.70	3.91	.95	3.27	3.76	2.85	1.09	5.08	2.793
July .....	1.11	2.51	.98	4.18	2.94	1.28	1.11	1.71	3.05	2.91	2.178
August ....	2.20	1.85	3.01	2.78	1.43	2.38	.63	1.95	2.07	2.18	2.048
September ..	.70	1.35	.54	2.40	1.23	2.19	.67	.56	1.86	2.06	1.356
October ....	1.96	2.19	1.30	4.54	1.32	1.61	3.33	2.32	1.17	3.72	2.346
November ..	1.52	1.21	1.06	2.08	1.25	1.67	3.44	2.55	.87	.63	1.628
December ..	2.14	2.06	1.15	1.16	1.58	.71	2.03	2.75	1.67	2.81	1.806
TOTALS ..	20.87	19.92	17.13	30.47	18.11	21.01	23.72	23.58	19.15	26.07	22.001

1906 Quig Church 3/4 mile S

Station 1/3

NNW

4/18



RAINFALL at Cambridge Quay HallCounty of CambridgeshireObserver J. Musgrave Francis EsqRiver Basin Ouse 2

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

Diameter ...	5										
Height .....	0	5	0	8½							
Altitude ...	24	K									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.56	1.71	2.96	2.22	1.53	2.71	1.02	1.44	2.10	3.62	2.087
February ...	2.21	.95	1.04	.67	1.15	2.28	3.79	.67	1.04	2.92	1.672
March .....	.78	1.81	2.16	1.57	2.29	1.46	3.15	2.12	.73	2.13	1.920
April .....	1.82	.95	.17	1.45	.82	.81	1.28	1.63	3.44	2.50	1.588
May .....	2.67	1.67	1.28	2.18	1.02	1.66	1.75	.81	2.44	.55	1.603
June .....	2.27	2.79	3.69	1.77	1.53	2.37	1.98	2.13	.55	1.34	2.042
July .....	2.06	.55	2.36	1.11	2.00	3.35	1.28	3.58	3.31	3.67	2.327
August .....	2.74	1.16	7.30	1.18	1.21	3.74	2.71	3.80	.85	2.26	2.690
September ..	1.12	1.28	1.72	1.56	.82	1.43	1.30	1.68	6.18	1.01	1.8 10
October ...	2.00	2.15	1.92	4.32	2.01	.92	1.80	3.49	1.39	.69	2.069
November ..	2.16	2.73	1.89	1.76	2.20	2.11	2.79	1.26	1.92	1.54	2.036
December ...	3.56	3.54	1.97	.57	5.23	3.41	2.09	.99	2.24	3.75	2.735
TOTALS ...	25.95	21.29	28.46	26.31	22.82	26.25	24.94	23.60	26.19	25.98	24.579
	D	D	D	D	D	D	D	D	D	D	

Back years 1910-1919 recd. 11/30 File 906707/29

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Quay	1.5074	N	Quay	3/4 m	S

RAINFALL at Quay HallCounty of CambridgeshireObserver T. M. Thompson, F.R.S.River Basin Ouse - CamRain Gauge, by over 50 years oldQuay Hall  
Cambridge

Diameter ...	<u>5 inches</u>										
Height .....	<u>8 1/2 inches above ground</u>										
Altitude ...											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	1.92	1.81	1.92	1.40	2.73	1.15	1.81	2.02	2.91	1.28	
February ...	.45	.33	1.50	2.13	.94	2.59	2.46	2.74	1.17	.75	
March .....	1.66	.67	1.29	1.66	.67	1.59	.28	1.90	.91		
April .....	3.35	1.47	2.19	1.15	3.13	1.83	2.72	1.53	1.35		
May .....	1.78	.74	1.55	1.41	3.80	2.01	1.63	.49	1.97		
June .....	1.49	.64	1.26	.64	1.93	.54	2.34	2.00	2.73		
July .....	3.48	.23	1.25	2.05	3.21	2.58	2.45	2.10	2.09		
August .....	1.21	1.09	2.09	2.60	2.78	2.00	1.24	2.38	2.77		
September...	3.00	1.21	2.12	1.91	2.18	2.91	1.51	3.68	.68		
October .....	.51	1.00	.53	4.11	3.63	2.73	2.36	1.41	2.75		
November...	.46	1.63	1.33	1.33	2.28	1.46	3.00	2.68	1.72		
December...	2.05	1.11	2.28	2.18	1.97	1.45	.50	2.21	2.29		
TOTALS...	21.36	11.93	22.57	22.57	29.85	22.84	23.05	23.36	23.36		

MEMO. ☒ Enclosure  
☒ County Book  
☒ 10 Year Book  
☒ Rainfall Returns  
☒ Address List  
☒ Notes

noted in  
Address List.  
Rainfall Returns  
Address List

This is a duplicate  
 The heading should  
 have been altered  
 from 1920-29  
 to 1910-19 has  
 the perhaps  
 date before 1920  
 BMB

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

No. 1 MapReference No. 1

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



RAINFALL at Quey HallCounty of CambridgeshireObserver J. M. ThompsonRiver Basin Ouse Cam-2Quey HallRain Gauge, by Cambridge

Diameter ...	5 inches											
Height .....	8 1/2 inches above ground											
Altitude ...									23			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means. 1930.	
January ...	1.92	1.81	1.92	1.40	2.73	1.15	1.81	2.02	3.02	1.44	1.83	
February ...	.45	.33	1.58	2.13	.94	2.59	2.46	2.74	1.06	.55	.49	
March .....	1.66	.67	1.29	1.66	.67	1.59	.28	1.90	1.36	.06	1.53	
April .....	3.35	1.47	2.19	1.15	3.13	1.83	2.72	1.53	1.03	1.29	2.44	
May .....	1.78	.74	1.55	1.41	3.86	2.01	1.63	.49	1.84	1.81	3.16	
June .....	1.49	.64	1.26	.64	1.93	.54	2.34	2.00	2.84	1.11	1.03	
July .....	3.48	.23	4.25	2.05	3.81	2.58	2.45	2.10	2.21	2.01	2.75	
August .....	1.21	1.09	2.09	2.66	2.78	2.00	1.24	2.38	2.21	.52	2.22	
September...	3.00	1.21	2.12	1.91	2.18	2.91	1.51	3.68	.68	.23	4.01	
October .....	.51	1.00	.53	4.11	3.63	2.73	2.36	1.41	2.73	2.08	.77	
November...	.46	1.63	1.05	1.33	2.28	1.46	3.00	2.68	1.72	4.10	3.93	
December...	2.05	1.11	1.39	2.18	1.97	1.45	.50	2.21	2.33	2.61	2.36	
TOTALS...	21.36	11.93	21.14	22.57	29.85	22.84	23.05	25.14	23.06	19.81	26.52	

Back years 1920-29 has 11/29 See file 906707/29

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

RAINFALL at Quy. HallCounty of CambridgeshireObserver T. Musgrave Francis, Esq.River Basin Ouse - 2N. M. E. Francis (1933)  
L. C. S. C. W. Francis (1934)Type of Gauge M.O.Annual Average 22.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Survey 906707129

Diameter	5.											
Height	0.9.											
Altitude	23.						15'	18'		15		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.83	.86	1.26	.83	3.28	2.61	3.11	2.95	4.20	1.65	22.58	
February	2.52	.25	1.50	.24	1.70	2.66	2.70	.48	0.84	1.93	14.55	
March	.28	1.25	1.51	1.47	.33	.73	3.12	.40	2.05	3.29	14.43	
April	2.86	2.52	1.49	1.84	2.37	1.57	2.67	.37	2.81	1.27	19.77	
May	2.74	5.14	1.63	.77	.88	1.53	2.26	2.25	1.02	1.05	19.27	
June	1.34	.14	1.79	2.08	2.30	2.47	1.48	.65	1.44	.34	14.03	
July	3.03	2.77	1.75	1.26	.44	4.81	2.61	1.22	2.43	3.23	23.55	
August	3.41	1.78	1.08	2.38	1.73	.94	1.16	3.36	3.20	.11	19.15	
September	2.98	2.02	1.92	2.06	5.65	2.37	2.48	3.98	1.87	.74	26.07	
October	.57	3.97	2.01	1.26	1.65	1.28	2.52	2.95	4.60	1.13	21.84	
November	2.01	1.57	1.33	2.59	3.50	2.88	1.96	2.17	3.11	6.79	27.91	
December	.98	.84	.35	3.26	2.16	1.84	3.15	2.98	1.43	1.77	18.45	
TOTALS	24.55	22.81	17.62	20.06	25.99	25.69	29.22	23.76	28.60	23.30	24.16	Ky

1931. Sundial 4 ft. high 38 ft. N.W.

1932. House 40 ft. high 30 yds N. Tree 60 ft. high 20 yds. E.

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			Quy	1/2 mi.	N.	Quy	1 mi.	S.

Station No. 1207

41

RAINFALL at Quay HallCounty of CambridgeshireObserver Lt Col J. C. W. FrancisRiver Basin Ouse-2Type of Gauge M.P. 1549Annual Average 22.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 3File No. 906707/29

Diameter	5"			134	209				5"		
Height	0'9"								9"		
Altitude	23'								18'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	2.18	2.39	4.02	1.22	(1.50)	(1.31)	1.62	3.79	1.27	1.24	20.54
February	1.64	.60	.54	.91	1.52	(1.50)	1.17	.76	.84	2.86	12.34
March	3.42	.89	.45	.62	1.32	1.50	3.89	.66	.86	.57	14.18
April	.86	1.07	.84	2.00	1.16	1.17	1.56	1.33	1.81	1.61	13.41
May	2.01	2.06	1.63	1.26	2.62	2.22	.44	3.79	2.18	3.04	21.25
June	1.06	.45	2.23	1.22	1.84	2.87	2.86	2.44	1.50	1.35	17.82
July	2.34	3.28	.75	2.43	1.73	2.49	1.66	1.66	2.84	6.31	25.49
August	3.68	.97	1.69	2.68	2.22	4.40	.27	5.84	1.28	3.45	26.48
September	.48	1.19	1.24	2.95	3.32	2.31	1.17	2.01	.47	2.98	18.12
October	2.15	3.93	1.95	3.77	2.88	1.48	.31	2.30	4.11	.59	23.47
November	2.53	2.47	1.72	3.00	.94	4.36	1.60	1.62	2.26	4.29	24.79
December	.97	1.70	1.21	1.03	2.94	1.94	2.72	1.83	1.11	1.32	16.77
TOTALS	23.32	21.00	18.27	23.09	23.99	(27.55)	19.27	28.03	20.53	29.61	234.66

1941 True 60' high 20" E House 40' high 30" N.

1945 n.p. high

1946 n.p. high + scale high + Totals calc'd by ref to curr. stns.

1946 readings

1948 A little high, printed with quarry

Height 1942-50?

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.
1941			2ury	1/2 m	NW	2ury	1 m	S



Station No. 1207

RAINFALL at Quy Hall

51

County of Cambridge

Observer L. G. C. V. Francis

River Basin Case - 2

Type of Gauge Flimsier

Annual Average 22.6 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 906707/29

Diameter ...	5"			184	209							
Height ...	0' 9"											
Altitude ...	18'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Totals Means	
January ...	1.98	1.66	1.01	1.04	1.62	3.47	1.53	2.56	2.91	2.05	19.83	
February ...	2.75	.38	1.42	2.13	1.88	.97	2.48	3.18	.20	1.24	16.63	
March ...	4.02	3.11	.58	2.24	1.74	.51	1.44	.99	2.33	1.45	18.41	
April ...	3.36	1.54	2.52	.45	.63	1.52	.13	1.25	1.60	.47	13.47	
May ...	2.62	1.51	1.66	3.81	2.50	.92	.46	3.38	.63	.76	18.75	
June ...	2.07	2.92	2.46	2.17	2.48	2.16	1.79	5.56	1.29	2.70	25.60	
July ...	.69	.65	2.31	3.50	.40	3.22	2.26	5.42	5.00	3.35	26.80	
August ...	3.72	4.15	2.54	4.14	1.30	4.23	2.06	3.16	.76	3.39	29.45	
September ...	2.94	2.43	1.29	1.96	1.98	1.34	4.01	2.48	.05	5.16	23.64	
October ...	1.48	2.41	2.67	2.17	3.67	1.58	1.84	2.10	1.55	4.34	23.84	
November ...	3.18	3.04	1.36	3.72	1.78	.97	1.74	1.85	1.58	3.47	22.69	
December ...	1.55	2.43	.82	2.19	2.19	2.71	2.05	3.06	3.02	3.17	23.19	
TOTALS ...	30.36 d	26.23 d	20.64 d	29.52 D	22.17 d	23.60 NP	22.29 np	34.99 NP	20.95 D	31.55 D	262.30	

1951 House 40', 30' N; Tree 60', 20' E.

1956 - NP big  
1957 - NP big  
1958 - NP big  
1959 - phum

This looks big completely. suspect?

big?

An av. 22.89 in. based on 26 yrs obs. within 1916-51. 1/2 - 1 in (big) Period of average 1916-50 Ref. 5: Rejected

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference T4514611

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Quy	1/2 mi NW	Quy	1 mi S.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓
	✓ Jul-17-19	✓ Jul-20-27	✓	✓ Jul-N.P.H.	✓