

RAINFALL AT *Cambridge Fulbourn Asylum*

70

Lat.

Lon.

County of *Cambridge*

Rain Gauge, by

Observer *D. Bacon*

case 2.

Diameter....							5				
Height							1				
Altitude							67				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1.81	3.17	1.65	1.80	
February....							2.00	2.77	89	2.92	
March.....							2.26	2.40	1.01	.81	
April							2.19	2.57	2.60	1.99	
May .....							.49	2.14	3.50	3.26	
June							1.99	.61	2.41	4.98	
July.....							.74	4.21	.79	4.76	
August							1.60	3.27	3.34	6.45	
September ..							4.12	.44	.98	2.12	
October							1.44	1.11	1.92	1.11	
November ..							2.62	2.72	4.09	.94	
December ..							4.85	1.73	1.16	.49	
TOTALS ..							26.11	27.14	24.34	31.63	-

RAINFALL AT *Fulbourn Asylum, Cambridge*

80

Lat. _____

Lon. _____

County of *Cambridge*

Rain Gauge, by _____

Observer *D. C. Jacob*

G. E. Crallan Esq.

one - 2.

Diameter	<i>5</i>										
Height	<i>1.0</i>							<i>0.10</i>			
Altitude	<i>66</i>	<i>70</i>									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.28</i>	<i>1.03</i>		<i>1.58</i>	<i>1.40</i>	<i>1.47</i>	<i>2.78</i>	<i>1.91</i>	<i>.46</i>	<i>.84</i>	
February	<i>1.67</i>	<i>2.50</i>		<i>2.36</i>	<i>.96</i>	<i>1.41</i>	<i>.31</i>	<i>.75</i>	<i>.84</i>	<i>1.56</i>	
March	<i>.64</i>	<i>1.07</i>		<i>.73</i>	<i>.64</i>	<i>.97</i>	<i>1.85</i>	<i>1.32</i>	<i>2.82</i>	<i>1.21</i>	
April	<i>2.20</i>	<i>1.25</i>		<i>2.02</i>	<i>1.25</i>	<i>2.24</i>	<i>1.00</i>	<i>1.41</i>	<i>1.54</i>	<i>2.43</i>	
May	<i>.53</i>	<i>1.19</i>		<i>1.14</i>	<i>.83</i>	<i>3.00</i>	<i>3.61</i>	<i>2.85</i>	<i>.63</i>	<i>4.60</i>	
June	<i>2.49</i>	<i>2.71</i>		<i>4.56</i>	<i>1.38</i>	<i>2.23</i>	<i>.37</i>	<i>.82</i>	<i>1.16</i>	<i>2.43</i>	
July	<i>4.51</i>	<i>2.53</i>		<i>4.30</i>	<i>2.71</i>	<i>.73</i>	<i>2.42</i>	<i>.59</i>	<i>4.05</i>	<i>4.24</i>	
August	<i>1.22</i>	<i>6.31</i>		<i>.45</i>	<i>1.85</i>	<i>1.58</i>	<i>2.56</i>	<i>1.08</i>	<i>3.14</i>	<i>2.63</i>	
September....	<i>2.60</i>	<i>2.95</i>		<i>3.64</i>	<i>2.10</i>	<i>2.79</i>	<i>1.03</i>	<i>2.02</i>	<i>1.38</i>	<i>3.12</i>	
October	<i>3.74</i>	<i>3.12</i>		<i>2.23</i>	<i>1.94</i>	<i>4.16</i>	<i>1.76</i>	<i>1.78</i>	<i>.95</i>	<i>3.90</i>	
November....	<i>1.96</i>	<i>2.59</i>		<i>1.52</i>	<i>1.13</i>	<i>2.65</i>	<i>2.88</i>	<i>2.24</i>	<i>3.06</i>	<i>1.01</i>	
December	<i>2.32</i>	<i>4.21</i>		<i>1.17</i>	<i>2.76</i>	<i>1.03</i>	<i>3.61</i>	<i>1.24</i>	<i>1.04</i>	<i>1.52</i>	
TOTALS	<i>34.16</i>	<i>31.37</i>		<i>25.70</i>	<i>18.95</i>	<i>24.26</i>	<i>24.18</i>	<i>18.01</i>	<i>21.07</i>	<i>29.49</i>	

1880. Cherry Hinton, 3/4 mile N.W.

1882 Record lost

1884 Instrument Stand 6ft high 15ft N.W.W.

RAINFALL AT Cambridge Fulbourn Asylum

Lat. _____

Lon. _____

County of Cambridge

Rain Gauge, by _____

Observer

Dr G. C. Brallan
Dr E. C. Rogers

Case - 2.

Diameter . . .	5											
Height	0 10											
Altitude . . .	70 N											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . .	2.24	2.86	.86			2.43	1.26	1.47				
February . . .	.82	.00	2.72			80	.35	2.98				
March	3.52	1.86	1.43			2.22	4.04	3.88				
April . . . . .	.95	1.10	2.34			1.00	1.19	2.01				
May	1.89	3.95	1.78			.64	.35	1.66				
June	1.68	2.52	4.41			1.28	3.18	3.73				
July	4.87	4.29				4.67	1.20	1.64				
August	1.33	4.82				5.61	3.17	2.98				
September . . .	.24	1.44				.87	5.86	3.24				
October	2.18	5.43				2.87	4.12	.96				
November . . .	2.10	2.21				3.55	1.21	1.65				
December . . .	.48	3.12				2.26	4.59	2.60				
TOTALS . . .	22.30	33.60?				28.20	30.52	28.80				

1895 to 1897 Totals about 5 inches too big.

Fulbourne,
RAINFALL at *Cambridge, Mental Hospital*

County of *Cambridgeshire*Observer *V. M. A. Archdale*River Basin *One* *2*

Rain Gauge, by _____

Diameter ...											5"	
Height											6	
Altitude.....											72½	
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January.....										4.07		
February ...										3.93		
March										2.81		
April										2.66		
May										3.6		
June										1.44		
July										3.99		
August										2.44		
September...										1.05		
October.....										73		
November...										1.88		
December ...										4.97		
TOTALS ...										30.82		

*Tree 20 ft high 60 yds N.**big*

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	52° 11' 30"	0° 11' 45"	<i>Fulbourne</i>	2 mi	N.E.	<i>Cherryhinton</i>	1 mi	N.W.

RAINFALL at Fulbourn C M H Cambs/2County of CambridgeObserver J Page

River Basin _____

Bailiff

Rain Gauge, by _____

C M H Fulbourn

Diameter ...											
Height											
Altitude ...											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...							2.05				
February ...							2.24				
March							0.24				
April							2.74				
May							1.83				
June							2.06				
July							2.97				
August							1.13				
September...							2.04				
October							2.38				
November...							2.90				
December...							0.33				
TOTALS...							22.91				

M.O. 7
10 MAY 1927Position 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

RAINFALL at Fulbourn (Cambridge Mental Hospital).County of CambridgeObserver Stallan Archdale
(daylight)River Basin one - 2

Mr J. Page

Fam Bailiff C.M.H.

Rain Gauge, by

Diameter ...	5	5									
Height	0.6	0.6						1.0			
Altitude ...	72	72 ¹									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1920.
January ...	2.95	1.97	2.38	1.13	2.51	1.18	2.05	1.93	3.36	1.24	1.56
February ...	.57	.31	1.55	2.28	1.02	2.24	2.24	2.74	1.15	.49	0.45
March	1.94	72	1.38	1.67	.44	1.03	.24	1.57	1.42	.07	1.56
April	3.63	1.45	2.37	1.18	2.56	1.97	2.74	1.68	.83	1.30	2.07
May	2.17	.51	1.69	1.25	3.57	1.86	1.83	.62	1.96	1.33	2.88
June	1.40	.62	1.05	.60	1.82	.48	2.06	2.71	2.25	1.12	.30
July	3.59	.24	4.15	2.13	3.48	2.66	2.97	1.96	2.00	1.86	3.11
August	1.02	1.25	2.28	3.31	2.16	2.05	1.13	2.52	2.31	.51	1.81
September...	2.23	1.17	2.18	2.08	2.16	2.90	2.04	2.73	.55	.16	4.24
October .....	.51	1.00	.65	4.13	3.27	2.55	2.38	1.87	2.46	3.01	0.94
November...	.44	1.63	1.03	1.27	2.50	1.37	2.90	2.37	1.72	3.65	3.70
December...	2.12	1.10	1.64	2.00	1.82	1.40	.33	1.79	2.20	3.50	2.01
TOTALS...	22.67 D	11.97 D	22.35	23.13	27.31	21.69	22.91	25.49 D	22.51 D	18.24 D	24.63 J.

1920. Jan. 20th. high. 60 ft. off. N.
1929. Trees 40' high 200 yds S. N. + W.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	52° 11' 30"	0° 11' 45"	Fulbourn	2 m.	N.E.	St. Mary's	1 m.	N.W.
			1929	"	E	"	1 m.	W

RAINFALL at Fulbourn (Cambridge Mental Hos.)

County of CambridgeshireObserver The Farm BailiffRiver Basin Ouse - 2The Head Gardener 1937

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref. 722059 26

Diameter	5.										b	
Height	1.6.						1' 0"				9"	
Altitude	72.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	<u>1940</u> Means	
January	1.84	.79	1.33	1.02	2.63	2.34	3.12	2.64	4.28	1.49	214.8	
February	2.00	.14	1.32	.36	1.70	2.51	2.70	.38	.60	1.86	135.7	
March	.40	1.35	1.60	1.20	.36	.68	2.85	.48	1.97	3.25	141.4	
April	2.88	2.31	1.35	1.70	2.77	1.56	2.96	.29	2.83	1.21	198.6	
May	3.11	4.60	2.12	.64	.72	1.19	2.48	1.91	.95	1.64	193.9	
June	1.92	.07	4.12	1.00	2.50	3.50	1.50	.69	1.58	.45	174.3	
July	3.77	3.10	1.32	1.18	.45	5.37	2.21	1.19	1.82	3.39	238.0	
August	2.79	2.44	1.23	2.03	1.90	.78	.96	2.67	3.50	.12	184.2	
September	2.56	1.86	2.13	2.30	5.14	3.14	2.53	4.12	2.13	.57	264.8	
October	.58	3.69	1.92	1.76	1.92	1.94	2.65	3.04	4.41	1.70	236.1	
November	2.45	1.68	1.67	2.19	2.66	2.57	2.00	1.92	3.18	6.61	269.3	
December	.88	.33	.37	3.15	2.02	1.97	2.39	2.79	1.33	1.61	168.4	
TOTALS	25.18	22.36	20.48	18.66	24.77	27.55	28.35	22.12	28.68	23.90	241.95	44

1931. Trees 30 ft. high 50 ft. N.W. & S.

Buildings 30 " " 100 " N.

1932. Trees 15 " " 12 ft. W.

1934 " " 14 " " 20 " S.W.

1936 " " 12 " " 12 " S.W.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Fulbourn	2 1/2 mi.	S.E.	Gherington	1 mi.	N.W.

RAINFALL at Fulbourn (Cambridge Mental Hosptl) Station No. 1199 41

County of CambridgeshireObserver The Head GardenerRiver Basin AvonType of Gauge 22.57Annual Average 1.22 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S.File No. 732059/26

Diameter	5"			184	133						
Height	1' 0"		0' 6"								
Altitude	72'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.70	1.89	3.45	.86	1.80	1.03	1.20	3.06	1.01	.91	17.21
February	2.09	.83	.73	.85	1.16	1.56	1.04	.71	.74	2.73	12.44
March	3.32	1.18	.50	.33	.82	1.19	3.85	.62	.60	.51	12.92
April	.56	.86	.96	1.35	.98	1.19	1.39	1.38	1.34	1.63	11.64
May	1.87	2.06	1.73	.88	1.71	1.86	.46	3.03	1.76	2.75	18.11
June	.82	.55	2.12	1.06	1.42	3.03	2.79	2.42	1.14	1.22	16.57
July	2.68	3.58	.84	1.88	1.66	3.26	2.31	1.17	1.76	5.50	24.64
August	4.01	1.17	1.30	2.28	2.28	3.69	.43	5.49	1.15	3.56	25.36
September	.54	1.55	1.16	2.56	3.26	2.43	1.08	1.51	.43	2.69	17.21
October	2.23	3.87	1.64	2.95	2.14	.88	.24	1.67	3.85	.34	19.81
November	2.22	2.13	1.38	2.61	.26	3.68	1.02	1.15	1.64	3.59	19.68
December	1.05	1.21	1.13	.71	2.27	1.63	2.68	1.39	1.02	1.08	14.17
TOTALS	23.09	20.88	17.24	18.32	19.76	25.43	18.49	23.60	16.44	26.51	209.76

1941 Orchard 12' high 6 yds W. 1943 Orchard 14' high 10 yds W.
 June 1. 1941 Gauge moved 5 yds N.

1949 14' Orchard 12' W.

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			Fulbourn	2 mi	E.	Cherryinton	½ m	N.W.

Station No. 1199

RAINFALL at Fulbourn (Hospital)

51

County of Cambridgeshire

Observer H. Head Gardener

River Basin Ouse - 2

Type of Gauge

Annual Average 23.7 in. based on 20 years obs. un-weighted. Period of average 1881 - 1915 Ref. 1. 12. 5.

" " 21.66 " " 15 " - within 1942-56 " " 1916-50
File No. 722059/26

Diameter ...	5"			184	133							
Height ...	0' 6"	1' 0"										
Altitude ...	72'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Total Means	
January ...	2.84	1.40	.96	1.03	1.87	2.63	1.20	1.93	2.73	1.56	17.45	
February ...	2.41	.64	1.22	1.55	1.55	.78	1.69	2.26	.11	1.27	13.48	
March ...	3.00	2.60	.45	1.88	1.26	.49	1.33	.73	2.30	1.69	15.73	
April ...	3.07	1.31	2.28	.36	.48	1.09	.08	1.01	1.95	.48	12.11	
May ...	2.27	1.48	1.75	3.05	2.23	.73	.75	2.60	1.03	.75	16.64	
June ...	1.65	1.39	2.21	1.95	1.97	1.84	1.39	5.46	1.78	1.46	21.30	
July ...	1.70	.86	2.26	3.01	.15	2.84	2.74	2.49	3.65	4.76	24.16	
August ...	3.34	3.07	2.92	4.04	1.04	3.90	2.03	2.72	.85	2.70	26.61	
September ...	2.54	2.41	1.10	1.76	2.09	1.38	3.40	2.23	.04	(5.00)	21.95	
October ...	1.12	1.80	2.63	1.66	3.05	1.01	1.67	1.93	1.54	(4.62)	21.03	
November ...	2.98	2.77	1.21	3.15	.58	.89	1.20	1.96	1.21	3.42	19.37	
December ...	1.38	2.02	.71	1.68	1.49	2.02	1.60	3.79	3.12	(2.79)	20.60	
TOTALS ...	27.60	21.65	19.70	25.12	17.76	19.60	19.08	29.11	20.31	(30.50)	230.43	
	D	D	D	D	D	D	D	D	D	D	D	

1952 Gauge reset at 1 foot above ground on 26/1/52

1954 Orchard 14' 30" W.

1957 Telegraph pole 26' high, 5 yds S.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference TL(52)499563

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Fulbourn	2 mi E	Cherryington	2 mi N.W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C19	✓	✓	✓	
	-	✓ but -22.26	✓ but d'38.40	✓ d'43, 45, 46	