

## RAINFALL AT

Cottenham

Lat.

Long.

County of

Cambridge  
a Bull Esq

Rain Gauge, by

One - 2.

Observer

Diameter .....					5					
Height .....					3.6	3.0	2.6	1.6		
Altitude .....					30					
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	MEANS.
January .....					1.54	1.80	.89	1.95	.94	2.12
February .....					1.44	.28	.63	2.07	.49	.81
March .....					.89	1.29	2.75	2.29	1.33	.82
April .....					1.55	.93	.85	1.34	1.27	1.86
May .....					1.64	1.56	.27	1.17	3.15	1.71
June .....					1.74	1.00	2.07	1.89	2.10	.93
July .....					2.29	3.18	1.37	.92	1.20	1.44
August .....					2.42	3.88	1.47	2.19	2.74	1.60
September .....					1.99	.52	4.70	3.04	.32	1.64
October .....					2.18	2.16	3.04	.92	1.86	2.36
November .....					3.94	2.79	1.06	.87	1.41	2.37
December .....					1.48	1.72	2.63	1.43	2.07	1.36
TOTALS .....					23.10	21.11	21.73	20.08	18.88	19.02

1894 Cottenham Ch 200 yards N  
Stable 7 ft high 30 ft S.W.

## RAINFALL AT Cottenham Bernard House

Lat.

Lon.

County of

Cambridge

Smyth Rain Gauge, by

Observer A. Bull Esq

Date - 2.

Diameter ..	5										
Height ....	1.6						3.6	1.6		3.6	
Altitude ..	30 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEAN.
January ..	2.95	.46	.48	1.67	1.15	1.19	2.90	1.04	.92	.79	1.355
February ..	3.02	.79	.83	.47	2.41	1.13	1.91	1.19	1.03	.25	1.303
March ..	.57	2.05	.93	1.59	1.15	1.88	1.43	.87	1.87	2.28	1.462
April .....	.75	1.91	.89	1.51	.51	1.42	.94	2.20	2.46	1.51	1.410
May .....	1.44	.84	2.91	2.46	1.31	1.50	1.26	3.40	1.26	1.60	1.798
June .....	1.93	1.31	2.42	3.29	.56	3.41	3.29	1.84	1.48	5.06	2.459
July .....	.87	.77	1.19	4.07	1.82	.92	1.13	2.15	3.78	2.87	1.957
August .....	2.06	1.17	2.90	3.66	1.38	2.03	.92	1.74	2.23	1.67	1.976
September ..	.34	.73	.70	2.05	1.44	2.22	.69	.58	1.47	1.91	1.213
October .....	1.70	1.26	1.21	4.01	1.32	1.55	3.01	2.53	1.05	3.50	2.114
November ..	1.74	1.45	.99	1.91	1.28	1.59	3.67	2.43	.86	.55	1.642
December ..	2.14	2.26	.89	1.27	1.55	.72	1.85	2.82	1.22	2.88	1.760
TOTALS ..	19.51	15.00	16.34	27.96	15.83	19.56	23.00	22.79	19.63	24.87	20.449

Hull ✓

1900 Cottenham Church 200 yards N

Stable 10 ft high 30 ft S.W.

1904 Oakington Station 3 miles S.W.

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RAINFALL at Cottenham *Bernard House*

County of Cambridgeshire

Observer a Bullseye

1919 Miss Bell.

River Basin Ouse 2

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

Diameter ...	5										
Height .....	3.6			2.0					1.6		
Altitude ...	30 T								2.0		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ....	1.12	1.61	3.36	2.21	1.51	3.03	1.00	1.74	2.40	3.98	2.196
February ...	1.91	.72	1.30	.72	1.06	2.06	4.14	.58	.97	2.74	1.620
March .....	.85	1.57	2.42	2.02	3.17	1.27	0.81	1.79	.74	2.14	1.978
April .....	1.74	.93	.10	1.66	.54	.72	1.14	1.28	2.97	2.70	1.378
May .....	2.43	.80	1.37	2.45	.95	2.22	1.47	.91	1.82	.37	1.479
June .....	1.82	3.10	2.80	1.95	2.15	1.91	1.12	2.17	.51	1.14	1.867
July .....	2.86	.39	2.35	.59	1.68	3.89	1.08	4.64	2.44	3.49	2.341
August .....	2.36	1.55	8.29	2.09	1.66	4.18	2.38	3.29	.86	2.43	2.909
September ..	1.11	1.40	1.68	1.95	.87	1.24	1.13	2.26	6.19	.84	1.867
October ...	2.33	2.13	2.04	2.72	1.80	.86	1.59	2.83	1.59	.56	1.845
November ..	1.98	2.75	1.55	1.74	2.12	3.05	2.37	1.11	1.91	1.38	1.996
December ...	4.06	3.30	2.21	.72	5.84	3.11	2.13	.78	2.21	3.75	2.811
TOTALS ...	24.57	20.25	29.47	20.82	23.35	27.54	23.36	23.38	24.61	25.62	24.287
	7	2	3	2	7	7	7	2	2	2	2

1914 Greenhouse 4 ft high 3 ft wide

Date.	Lat. N.	Long. E.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
52°18'	0°8'		Baughton	3 m	S W	Ottenham	200 yds	N E

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## RAINFALL at Cottenham (Bernard Rose)

County of Cambridge Observer Miss Bull.

River Basin 2 - One.

GLAISHER Rain Gauge, by  
(Straight stem to funnel)

1933 Greenhouse 2 ft high 4 ft N.W.

1923 Tree 18 m. high S. W.

1930. Greenhouses 4' high 9 yds. N.W.

Frame 5' 3" S.E.

3 yrs. S.E.

I read 9 am in winter

" - 10 - - Ommen.

*Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series* } No. of Map

*Reference No.*

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1920.	53° 18'	0.2	Oakington	2 m. W. 3 m. N.W.	Cottenham	200 yds. N.

## RAINFALL at Cottenham (Bernard House)

County of Cambridgeshire

Observer Miss K. Bull

River Basin Ouse - 3

Type of Gauge

Annual Average 22.1 in. based on 20 years obs. unweighted. Period of average 1881-1905 Ref. Survey 911646 29

Diameter	5.										Total Means
Height	1.6.										
Altitude	30.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total Means
January	1.88	1.80	1.53	1.2	2.06	3.18	3.50	2.89	3.85	1.54	22.18
February	2.52	1.28	1.48	1.39	1.68	2.41	3.25	1.44	1.31	1.93	14.69
March	1.19	1.75	2.00	1.35	1.48	1.74	3.60	1.27	1.50	2.93	14.51
April	2.77	2.70	1.43	1.96	2.63	1.41	2.48	2.16	2.12	1.31	19.07
May	2.24	4.05	1.53	1.68	1.84	1.28	3.18	2.10	1.82	1.84	17.56
June	1.94	1.52	2.16	1.08	1.96	3.87	2.85	1.65	1.72	1.68	17.43
July	2.94	1.92	1.68	1.94	1.72	5.24	2.72	1.18	1.74	3.01	23.09
August	3.18	2.39	1.83	1.92	1.70	1.62	1.22	1.73	2.40	1.26	16.25
September	3.44	1.34	1.78	1.39	4.15	3.99	4.37	3.44	1.99	1.46	26.35
October	1.59	3.15	1.81	1.83	1.96	1.70	2.08	2.51	3.85	1.68	21.16
November	2.19	1.51	1.45	1.52	3.80	2.42	1.78	2.04	3.03	6.63	26.37
December	1.98	1.37	1.46	3.90	1.75	1.94	2.95	2.84	(1.00)	1.53	17.72
TOTALS	24.86	20.51	18.14	17.88	23.73	28.80	33.98	20.35	(24.3)	22.80	23538 X

1936 Building 12' high 12 yds. W.

1937 Trees 25' high 25' W &amp; 15' high 20' S.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
1931.			Cottenham	3 mi.	W.	Cottenham	2007 ft. N.
1938				3½	"		

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. M 1212 ✓

## RAINFALL at Cottenham (Bernard House)

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County of Cambridgeshire

Observer Miss K. Bull

River Basin Ese - 2

Type of Gauge

Annual Average 22.1 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 911646129

Diameter	5"			180	549						
Height	1' 6"										
Altitude	30'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.13	2.51	4.11	1.16	1.90	.95	1.68	3.64	1.35	1.06	Total/5 20.47
February	1.99	.93	1.59	1.08	1.49	1.71	1.53	.67	.68	3.22	13.89
March	3.41	1.32	1.75	1.49	.59	1.31	1.55	.51	.80	.43	14.16
April	1.10	.95	1.75	1.33	.79	.87	1.68	1.43	1.34	1.83	12.07
May	1.95	2.19	1.95	1.09	1.94	2.14	1.41	3.64	2.32	3.58	21.21
June	1.68	.64	2.22	1.12	1.61	2.84	2.61	2.42	.84	1.25	17.23
July	3.19	2.86	.83	1.57	1.41	3.37	1.81	1.43	2.76	5.12	24.35
August	3.60	1.16	1.62	2.62	1.96	3.52	.38	5.31	1.52	2.21	23.90
September	.56	1.11	.93	2.83	1.97	3.12	1.12	1.57	.38	2.62	16.21
October	2.14	3.48	1.29	2.98	1.96	1.35	.38	1.71	3.83	.39	17.51
November	2.71	2.33	1.40	2.98	.35	4.21	1.33	1.48	1.96	4.20	22.95
December	1.03	1.54	1.09	1.07	2.28	1.84	2.67	1.72	1.06	1.47	15.77
TOTALS	25.49	21.02	17.53	20.32	18.25	27.23	20.15	25.53	18.84	27.38	221.74 4440

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

BRITISH RAINFALL ORGANIZATION

Station No. 1212

M

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RAINFALL at Cottenham (Bernard House).

County of Cambridge

Observer Miss K. Bull.

River Basin 600 - 2

Annual Average 22.1 in. based on 30 years obs. un-weighted. Period of average 1891-1915 Ref S  
22.70 " 35 " 1916-1950 1916-1959 File No. 911646 129 P

Diameter	5"			180	549						
Height	1' 6"										
Altitude	30'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
										Moons Totals	
January	2.56	1.50	.97	.81	1.76	3.43	1.10	1.79	3.12	1.88	18.92
February	2.60	.61	1.34	2.02	2.08	.83	2.16	2.21	.14	1.33	15.32
March	3.08	2.72	.35	2.32	1.50	.43	1.58	1.00	2.64	1.58	17.20
April	3.05	1.37	1.97	.36	.49	1.26	.24	1.01	1.24	.36	11.35
May	2.57	.85	1.63	3.38	2.49	.54	.87	2.61	.59	.86	16.39
June	1.43	1.21	2.30	2.23	2.27	2.30	2.05	4.89	1.44	2.42	22.54
July	.94	.93	2.28	2.87	.10	2.86	1.72	3.59	3.03	3.24	21.56
August	2.86	2.61	2.32	4.03	1.49	4.91	1.43	2.81	.68	3.26	26.40
September	2.31	2.15	1.21	1.47	1.88	1.17	3.86	2.65	.02	4.16	21.08
October	.99	1.76	2.35	1.78	2.61	1.15	1.31	2.02	1.67	4.71	20.35
November	3.24	2.82	.96	3.26	1.19	1.04	1.46	1.50	1.38	3.04	19.89
December	1.56	1.51	.70	2.05	1.69	2.30	1.89	2.67	2.59	2.40	19.36
TOTALS	24.19	20.04	18.38	26.58	19.55	22.22	19.67	28.95	18.52	29.24	230.36

*Position of Station on Ordnance One-Inch map:*

No. of Map.....

National Grid Reference TQ52452678

*Summary of Earlier Records from 10-year Sheets:*

1916-1950, P-accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ ✓ but - 14 1/15	✓ ✓	✓ ✓ but - d' 33	✓ ✓	