

RAINFALL AT

Bottenham

Lat. _____

Lon. _____

County of _____

Cambridge

Rain Gauge, by _____

Observer _____

A Bull Eq

one - 2.

Diameter					5						
Height					3 6		3.0	2 6	1 6		
Altitude					30						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	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 *Bottenham Ch* 200 yards N
Stable 7ft high 30ft S.W.

RAINFALL AT

Cottenham Bernard House

Lat.

Lon.

County of

Cambridge

Symon

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	MEANS.
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	2.29	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	1.793
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	1.23	1.59	3.67	2.43	.46	.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

1900 Cottenham Church 200 yards N
 Stable 10 ft high 30 ft S.W.
 1904 Oakington Station 3 miles S.W.

H.B.

RAINFALL at *Cottonham (Bernard House)*.County of *Cambridge* Observer *Mr. Bull*River Basin *2 - one.*(GLAISHER Rain Gauge, by
Straight stem & funnel)

Diameter ...	5	5										
Height	1.6	1.6										
Altitude ...	20	30										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
												<i>Totals.</i>
January ...	1.95	1.54	2.24	1.47	2.38	.94	2.40	1.89	3.41	1.40	1.65	21.27
February ...	.84	.43	1.39	2.76	.88	2.22	2.27	2.77	1.22	.60	.59	15.97
March	1.72	.77	1.36	1.87	.85	1.40	.39	1.66	1.32	.06	1.65	13.03
April	3.63	1.33	2.60	1.30	3.64	1.76	2.58	1.85	.73	1.23	2.18	22.83
May	1.13	.81	1.84	.69	3.23	1.94	1.52	.65	2.46	1.45	3.35	19.07
June	1.36	.71	.88	.50	2.45	.31	2.17	2.85	2.45	.95	1.59	16.22
July	2.80	.28	3.49	2.00	2.64	2.12	2.68	1.87	2.20	1.52	2.89	24.50
August .....	.83	.87	1.88	2.46	2.05	2.19	.67	2.10	1.45	.41	1.71	16.62
September...	1.69	1.35	2.03	2.45	2.35	2.89	2.63	2.90	.66	.37	3.38	22.70
October .....	.67	1.17	.33	4.05	3.49	3.25	2.25	1.82	2.75	2.58	1.05	23.41
November...	.49	1.79	1.12	1.47	2.38	1.48	3.30	2.34	1.73	3.66	3.71	23.47
December...	1.80	1.19	1.68	2.27	2.07	2.03	.49	2.42	2.17	3.15	2.20	21.47
TOTALS...	18.91	12.24	20.84	23.29	28.41	22.54	23.35	25.12	22.55	17.38	25.95	240.58
	2	2	2	2	2	2	2	2	2	2	2	44

1922 Greenhouse 2 ft high 4 ft N.W.

1923 Tree 18 ft high S.W.

1930. Greenhouse 4 ft high 9 yds. N.W.

Tree 5' - 3 yds. S.E.

Lead 9 am in winter.

" " 10 " " Summer.

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	Direction	Parish Church.	Distance from gauge	Direction
1920.	52° 18'	0.8	Cabington	3 1/2 m.	W.	Cottonham	200 yds.	N.
				3.	N.W.			

RAINFALL at Cottenham (Bernard House)County of CambridgeshireObserver Miss K. Bull.River Basin Ouse - 2Type of Gauge 13-25Annual Average 22.1 in. based on 30 years obs. un weighted. Period of average 1881-1910 E. Ref. Survey 911646 29

Diameter	5.											
Height	1.6.											
Altitude	30.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.88	.83	1.53	92	2.06	3.18	3.50	2.89	3.35	1.54	22.18	
February	2.52	.38	1.48	.39	1.68	2.41	3.25	.44	.31	1.93	14.69	
March	.19	1.45	2.00	1.35	.48	.74	3.60	.27	1.50	2.93	14.51	
April	2.77	2.70	1.43	1.96	2.63	1.41	2.48	.26	2.12	1.31	19.07	
May	2.24	4.05	1.53	.68	.84	1.28	3.18	2.10	.82	.84	17.56	
June	1.94	.52	2.16	1.08	1.96	3.87	2.85	.65	1.72	.68	17.43	
July	2.94	1.92	1.68	.94	.72	5.24	2.72	1.18	1.74	3.01	22.09	
August	3.18	2.39	.83	1.92	1.70	.62	1.22	1.73	2.40	.26	16.25	
September	3.44	1.34	1.78	1.39	4.15	3.99	4.37	3.44	1.99	.46	26.35	
October	.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	.98	.37	.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	(24.33)	22.80	235.38	7.8

1936 Building 12' high 12 yds. W.

1937 Trees 25' high 25' W + 15' high 20' S.S.E.

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
1931.			Cottenham	3 mi.	W.	Cottenham	200 yds.	N.
1938			"	3 1/2	"			

Station No. M 1212 ✓RAINFALL at Cottenham (Bernard House)

41

County of CambridgeshireObserver Miss K. BullRiver Basin Ouse - 2

Type of Gauge.....

Annual Average 22.1 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 911646/29

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 20.49
February	1.99	.93	.59	1.08	1.49	1.71	1.53	.67	.68	3.22		13.89
March	3.41	1.32	.75	.49	.59	1.31	4.55	.51	.80	.43		14.16
April	1.10	.95	.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	.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		19.51
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

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.

BRITISH RAINFALL ORGANIZATION

Station No. 1212

RAINFALL at Cottenham (Bernard House)

51

County of Cambridge Observer Mrs. K. BullRiver Basin Case - 2

Type of Gauge

Annual Average 22.1 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S
22.70 " " 35 " 1916-1950 1916-1950 3116.46/29 P

File No.

Diameter ...	5"											
Height ...	1' 6"											
Altitude ...	30'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
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	.96	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	2.85	.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	20.85	
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 ...	27.19	20.04	18.38	26.58	19.55	22.22	19.67	28.95	18.54	29.24	230.36	
	D	D	D	D	D	D	D	D	D	D	D	

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference TH52452678

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓	✓	✓	