

RAINFALL at Cambridge Corporation Pumping Station

County of Cambridgeshire

Observer Julian Julian Esq. Cr.

River Basin Cam 2

Rain Gauge, by _____

Diameter ...			5								
Height			10								
Altitude ...			287								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...		3.39	2.05	1.66	2.93	1.00	1.45	2.27		3.55	
February ...		1.17	.75	1.15	1.89	3.84	1.66	1.01		3.13	
March		2.38	1.82	3.17	1.39	3.65	1.85	.72		2.09	
April16	1.57	.69	.75	1.17	1.85	3.38		2.41	
May		1.30	1.93	1.06	1.69	1.68	.94	2.16		.50	
June		2.48	1.50	2.09	2.68	2.00	1.92	1.29		1.31	
July		2.04	1.10	1.55	3.50	1.40	4.07	2.53		3.52	
August.....		7.12	1.28	1.70	3.51	2.34	2.94	.84		2.21	
September ..		1.78	1.68	.91	1.43	1.07	1.68	6.07		.56	
October ...		1.84	2.97	2.17	.85	1.72	3.20	1.31		.44	
November ..		1.73	1.88	2.22	2.36	2.72	1.21	1.76		1.48	
December...		1.94	.76	5.21	3.43	2.29	.84	2.08		3.41	
TOTALS ...		27.33	19.29	23.58	26.41	24.88	22.31	25.42		24.61	

Gauge close to River Cam

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52° 12' 40"	0° 56' 40" E	Ramwell	1/2 m	NE	Chesterton	1/4 m	NW

RAINFALL at Cambridge (Corporation Pumping Station)

County of Cambridge

Observer Julian Julian Eng 6 E.

River Basin 2- Ouse

G.W. N. Lofeland

S.M.O. Gauge sq ft x 11/1926.

Teadale sq. ft. 1925.

Standard Rain Gauge, by sound & correct measure ft at coned } x 26.

Borough Engt & Surveyor.

Diameter ...	5							5				
Height	1.0					2.10	1.4					
Altitude ...	28						28					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MILES.	1930.
January ...	2.00	1.58	2.04	1.31	2.50	1.20	2.07	1.72	2.77	1.25	1.55	
February ...	1.32	1.33	1.34	2.14	1.58	2.42	2.48	2.64	0.92	.50	.41	
March	1.46	1.67	1.22	1.59	1.81	1.88	1.23	1.70	1.05	.04	1.55	
April.....	3.31	1.15	2.85	1.26	2.61	1.59	2.89	1.87	0.73	1.14	2.21	
May	1.47	1.76	1.75	1.13	3.89	1.86	1.97	1.68	1.81	2.32	3.26	
June	1.34	1.64	1.99	1.58	2.04	1.42	2.37	2.42	2.34	.82	.27	
July	2.98	1.29	4.95	1.78	3.50	1.97	2.114	1.80	2.06	2.32	2.66	
August	1.92	1.84	2.59	2.59	2.37	1.78	1.27	2.24	1.76	.39	1.65	
September...	2.60	1.27	2.05	1.98	2.24	2.114	2.35	3.59	0.65	.06	3.00	
October.....	1.59	1.14	1.47	3.85	3.61	2.79	2.27	1.46	2.55	2.86	.66	
November...	1.50	1.50	1.96	1.23	2.14	1.34	2.77	2.20	1.43	3.70	3.38	
December...	1.73	1.07	1.28	1.91	2.20	1.62	1.34	2.14	1.87	2.81	1.96	
TOTALS...	19.22	11.24	21.99	21.35	28.52	20.31	23.45	23.96	19.94	18.21	22.56	
	2	D	2	D	D	D	D	D	D	D	D	D

Inspected 9.9.20. 9.26 - 9 near embankment in not too open position.

Drop of about 10 ft. about 10 yards to N.W. to River Cam, buildings + trees at some distance in other directions. Not very good exposure but practically best available. Exposure can be improved by moving gauge 2yds. nearer pumping station + sinking gauge to say 2 ft. above ground + cutting down ~~sumach~~ shrub. Gauge moved as suggested 12/26 and 6" M.O. gauge purchased (encl. 8A. 663441/26).

1920. G. read gauge summer winter.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	52° 24' 0.840		Barnwell 4 & R.	1/2 m.	N.E.	Chesterton	1/4 m.	N.W.
1920.						St. Andrews (1921)		
			Barnwell 4 & R.	5/8		(1921)		
						St. Andrews.		N.N.W.

RAINFALL at Cambridge (Corporation Ptg. Sta.)

P.G.

County of Cambridgeshire

Observer G.W. Teasdale, Esq., C.E.

River Basin Ouse - 2

Type of Gauge N.D.O.

Annual Average 22.1 in. based on 12 years obs. un-weighted. Period of average 1861-1915. Ref. Survey 663911/26

Diameter	S.											
Height	1.7										1.9	
Altitude	28											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.30	1.54	1.03	1.76	1.79	2.50	2.58	2.11	3.61	1.40	17.61	
February	1.92	1.19	1.23	1.24	1.31	1.86	2.35	1.34	0.28	1.73	11.45	
March	1.14	1.22	1.32	1.98	1.29	1.54	3.03	1.31	1.48	2.73	12.24	
April	2.85	2.08	1.59	1.78	2.68	1.33	2.15	1.11	2.49	1.17	18.23	
May	2.80	4.76	1.57	1.61	1.60	1.17	2.36	1.80	0.88	1.27	17.82	
June	1.60	1.66	1.57	1.93	1.98	2.90	1.63	1.58	1.86	1.38	14.09	
July	3.29	1.77	1.88	1.12	1.75	4.70	1.86	1.18	1.04	2.47	19.06	
August	2.95	2.30	1.97	1.30	1.51	1.51	1.60	1.65	2.34	1.11	15.24	
September	2.77	1.56	1.71	1.59	4.08	2.29	2.45	3.10	1.55	1.68	21.98	
October	1.49	3.15	1.32	1.71	1.77	1.52	2.23	1.97	3.49	1.32	18.97	
November	1.95	1.27	1.28	1.62	2.87	2.08	1.60	1.65	2.64	5.19	22.15	
December	1.80	1.24	1.33	3.98	1.56	1.45	2.13	2.54	0.96	1.29	15.08	
TOTALS	22.86	19.74	15.00	17.41	21.19	22.85	24.97	17.34	22.62	19.74	203.72	KM

1934 House 26' high 36' S.

Engine house 32' high 36' N.E.

6.6.44. Totals low since 1934. W. Russell

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			Barnwell Junction	5/8 mi. N.E.		St. Andrews.	1/4 mi.	N.W.

Station No. 1204

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RAINFALL at Cambridge (Corporation P.S.)

County of Cambridgeshire

Observer G.H. Yeardley Esq. C.E.

River Basin River - 2

Borough Engineer and Surveyor (1945)

Type of Gauge M.O.

Annual Average 22.1 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 663771/26

Diameter	5"	183	723						5"	
Height	1' 7"		2' 4"	1	0			2' 4"	2' 4"	
Altitude	28'		42'					42'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1950	Means
January	2.26	1.89	3.73	.93	1.43	1.14	1.59	3.45	.99	.81
February	1.59	.98	.57	.73	1.18	1.33	1.32	.57	.72	3.09
March	2.96	1.10	.51	.22	.72	.87	3.89	.53	.58	.46
April	.75	.67	1.65	1.60	.78	.79	1.31	1.54	1.49	1.65
May	1.61	1.72	1.32	.83	1.72	1.72	.83	3.04	1.90	2.36
June	.82	.44	1.85	1.06	1.32	2.36	3.40	2.25	.91	1.30
July	2.60	2.79	.50	1.56	1.35	2.24	1.14	1.40	1.93	2.08
August	3.46	1.11	1.26	2.26	1.65	3.13	.15	5.59	1.15	2.45
September	.39	.73	1.28	2.39	2.38	1.98	1.00	1.57	.20	2.54
October	1.84	2.99	1.53	2.84	2.37	1.11	.22	2.29	3.48	.41
November	2.24	2.02	.93	2.49	.24	3.69	1.22	1.19	1.65	3.49
December	.86	1.60	1.01	.68	2.03	1.62	2.48	1.63	.94	.99
TOTALS	21.38	18.04							15.94	26.63
	Plan Plan	15.44	14.59	17.17	21.98	18.55	25.05	D D	D D	

1941. House 26' high 36° S. Engine House 32' high 36° NE

1943. Np low

1941-42 n.p. low. Total low since 1934. 6.6.44. House

1944 n.p. low. July 18th gauge move 200' NE Building 26' high 195'

1945 n.p. low. Site lowered to height of one foot in September Building 26' high 195' 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	Parish Church.	Distance from gauge
1941			Barnwell Junc.	98m	NE	St Andrews	1/4m NW.

Station No. 1204

RAINFALL at Cambridge (Corporation P.S.)

County of Cambridgeshire

Observer Borough Engineer & Surveyor.

River Basin

Ouse - 2

Type of Gauge

M.O MKII in - 3 p

Annual Average 22.1 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " 20.60 " 40 " within 1916-67 " 1916-50 " 5
 File No. 663971/26

Diameter ...	5"		183	723	5"						
Height ...	2'4"				10"						
Altitude ...	42'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.24	1.27	.87	.89	1.72	2.82	1.21	2.17	2.82	1.96	
February	2.50	.70	1.21	1.67	1.55	.63	2.06	2.39	.14	1.10	
March	2.81	2.42	.49	1.78	1.37	.46	1.31	.80	2.24	1.49	
April	2.75	1.32	2.02	.42	1.20	.16	1.07	1.66	.26		
May	2.26	1.42	1.59	3.02	2.37	.67	.67	2.61	.48	.82	
June	1.32	2.54	2.12	1.72	2.33	1.90	1.64	5.24	2.06	2.08	
July	.83	.53	2.16	2.49	.46	2.91	2.04	4.05	3.51	3.09	
August	3.54	3.06	2.47	3.35	1.44	4.01	2.42	2.88	.65	3.38	
September	2.19	1.97	1.29	1.55	1.77	1.32	3.04	2.67	.04	3.88	
October	1.01	2.02	2.53	1.77	2.71	1.21	1.46	1.87	1.46	4.27	
November	2.89	2.59	1.27	2.88	1.42	.76	1.38	1.50	1.38	3.63	
December	1.33	1.88	.65	1.87	1.48	2.32	1.69	2.46	2.87	2.92	
TOTALS ...	25.67	21.71	18.67	23.71	19.04	20.21	19.08	29.71	19.31	28.88	
	D	D	D	D	D	D	D	D	D	D	

1951. Destroyed House 20', 195' S.

Inspected 29.3.55. Mr. Deeks Gauge can leak. measure candle, Site 0/EN9 E. Recom. moving 15' SSE back to flatter ground.

Letter 663971/26 End 500. Can suspend gauge moved as recommended d.d. 30.8.55.
1951. Chimney shaft 15d-7syds. NW; gas holder 20' 10yds. W.S.W.; shell 10' high 20yds. W.S.W.

Position of Station on Ordnance One-Inch map : No. of Map ... f.35 National Grid Reference TL 52 1/466693

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Barnetts Jctn	1/3 mi	NE	St. Andrews	1/4 mi

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C12 ✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓