

RAINFALL at Cambridge Corporation Pumping StationCounty of CambridgeshireObserver John and Julian Eng. C.E.River Basin Ouse 2

Rain Gauge, by _____

Diameter ...			5									
Height			10									
Altitude ...			245									
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	.66	1.01	3.13		
March			2.38	1.82	3.17	1.39	3.65	1.85	.72	2.09		
April .....			.16	1.57	.69	.75	1.17	1.55	3.38	2.41		
May			1.30	1.93	1.06	1.69	1.68	.94	2.16	.80		
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		
			2	2	2	2	2	2	2	2		

Gauge close to River Cam

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52° 12' 40"	0° 5' 40" E	Rannwell	1/2 m	NE	Chelton	1/4 m	NW

RAINFALL at Cambridge (Corporation Pumping Station)County of CambridgeObserver Julian Julian Esq. C.E.River Basin 2- OuseG.W. Hasdale Esq. C.E.5" M.O. Gauge 894. x11/1926.19. 8. 1925.Rain Gauge, by Howard
round & correct measure if at correct 1 x 26.Borough Eng. & 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	Mean 1930.	
January ...	2.00	1.58	2.04	1.31	2.50	1.20	2.04	1.42	2.44	1.25	1.55	
February ...	.32	.33	1.34	2.14	.58	2.42	2.48	2.64	0.92	.50	.41	
March	1.46	.67	1.22	1.59	.81	.88	.23	1.40	1.05	.04	1.55	
April	3.31	1.15	2.35	1.26	2.61	1.59	2.69	1.34	0.73	1.14	2.21	
May	1.44	.76	1.75	1.13	3.89	1.86	1.94	.68	1.81	2.32	3.26	
June	1.34	.64	.99	.58	2.04	.42	2.34	2.42	2.34	.82	.27	
July	2.98	.29	4.95	1.78	3.50	1.94	2.44	1.80	2.06	2.32	2.66	
August .....	.92	.84	2.59	2.59	2.34	1.78	1.24	2.24	1.46	.39	1.65	
September...	2.60	1.24	2.05	1.98	2.24	2.44	2.35	3.59	0.65	.06	3.00	
October .....	.59	1.14	.44	3.85	3.61	2.49	2.24	1.46	2.55	2.86	.66	
November...	.50	1.50	.96	1.23	2.14	1.34	2.44	2.20	1.43	2.70	3.38	
December...	1.43	1.04	1.28	1.91	2.20	1.62	.34	2.14	1.84	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	
	D	D	D	D	D	D	D	D	D	D	D	

Inspected J. 20. 9. 26. G. 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
 2 yds. nearer pumping station & sinking gauge to say 2 ft. above ground
 & cutting down Sumach shrub. Gauge moved as suggested 12/26 and 5"
 Mr. C. gauge purchased (encl. 8A. 66344/26).
 1930. G. reads 9 mm summer winter.

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

May, 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
1920.	52° 24'	0.840	Barnwell 4 & 6 R.	1/2 m.	N.E.	Chesleton	1/2 m.	N.W.
1930			Barnwell Ins.	5/8		St. Andrews (1921)		N.W.
						St. Andrews.		N.W.

P.S.

RAINFALL at Cambridge (Corporation P.S.)

County of CambridgeshireObserver G.W. Teasdale, Esq., C.E.River Basin Ouse - 2Type of Gauge M.S.Annual Average 22.1 in. based on 12 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. Survey 66397126

Diameter	5.										
Height	1.7.							1	9		
Altitude	28.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.30	.54	1.03	.76	1.79	2.50	2.58	2.11	3.61	1.40	1761
February	1.92	.19	1.23	.24	1.31	1.86	2.35	.34	0.28	1.73	1145
March	.14	1.22	1.52	.98	.29	.54	3.03	.31	1.48	2.73	1224
April	2.85	2.08	1.59	1.78	2.68	1.33	2.15	.11	2.49	1.17	1823
May	2.80	4.76	1.57	.61	.60	1.17	2.36	1.80	0.88	1.27	1782
June	1.60	.66	1.57	.93	1.98	2.90	1.63	.58	1.86	.38	1409
July	3.29	1.77	.88	1.12	.75	4.70	1.86	1.18	1.04	2.47	1906
August	2.95	2.30	.97	3.30	1.51	.51	.60	1.65	2.34	.11	1524
September	2.77	1.56	1.71	1.59	4.08	2.29	2.45	3.10	1.55	.68	2178
October	.49	3.15	1.32	1.71	1.77	1.52	2.23	1.97	3.49	1.32	1897
November	1.95	1.27	1.28	1.62	2.87	2.08	1.60	1.65	2.64	5.19	2215
December	.80	.24	.33	3.78	1.56	1.45	2.13	2.54	0.96	1.29	1508
TOTALS	22.86	19.74	15.00	17.41	21.19	22.85	24.97	17.34	22.62	19.74	20372 K7

1934 House 26' high 36'S
Engine house 32' high 36' N.E.

6.6.44. Totals for series 1934. H. 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Barnwell Junction	5 1/2 mi.	N.E.	St. Andrew.	1/4 mi.	N.W.

Station No. 1204

RAINFALL at Cambridge (Corporation P.S.)

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County of Cambridgeshire

Observer C. H. Leadale Esq. C.E.

River Basin Ouse - 2

Borough Engineer and Surveyor (1905)

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. 663971/26

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	1949	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	.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	7.08	
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	15.14	17.59	17.17	21.98	18.55	25.05	15.94	26.63	

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

1943. No. low

1941-42 up. low. Total low since 1934 - 6.644. House 11'

1944 up. low. July 18th gauge moved 200' NE. Building 20' high 195'

1945 up. low. item moved to height of old foot in September. Building 20' 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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Barnwell Trench	5/8 in	NE	St Andrews	1/4 in	NW.

Station No. 1204

RAINFALL at Cambridge (Corporation P.S.)

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County of Cambridgeshire Observer Borough Engineer & Surveyor.

River Basin Ouse - 2

Type of Gauge M.O. Mk II anem.

Annual Average 22.1 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S
" " 20.60 " " 40 " " within 1916-57 " " 1916-50
File No. 663971/36

Diameter ...	5"		183	723	5"						
Height ...	2'4"				1'0"						
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	.50	2.24	1.49	
April ...	2.75	1.32	2.02	.78	.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	2.44	.46	2.91	2.04	4.05	3.51	3.09	
August ...	3.54	3.05	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	2.65	.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 Destructor House 20'; 195' W.

Inspected 29.3.55. Mr. Deeks Gauge can leaks. measure candle, Site of gauge E. Recomm. moving 15' SSE back to flatter ground.

Letter 663971/26 Encl 50A. Can repaired, gauge moved as recommended dd. 30.8.55.

1957. Chimney shaft 150'-75yds. NW; Gas holder 20', 100yds. W.S.W.; shed 10' high 20yds. W.S.W.

Position of Station on Ordnance One-Inch map:

No. of Map 135

National Grid Reference Tt 52/466593

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Barnwell den	1/2 ml NE	St. Andrew's	1/4 ml NW

Summary of Earlier Records from 10-year Sheets:

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