

RAINFALL AT *Kettering Sewage Works*

Lat. _____

Lon. _____

County of *Northampton*

Rain Gauge, by _____

Observer _____

T. R. Smith Esq. Cl.

Rev. Dec. 4

Diameter				8							
Height				10							
Altitude				199 π							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				1.66	1.14	2.83	1.48	2.26	.92	2.77	
February ...				2.26	1.68	.16	.66	2.92	1.05	1.69	
March .....				.14	.76	1.95	2.57	3.50	1.85	.90	
April .....				.31	1.15	1.63	1.21	1.86	2.13	2.02	
May				1.78	1.31	.26	.44	1.68	3.53	2.07	
June .....				.96	2.27	.70	3.04	2.08	1.32	1.02	
July				2.04	3.17	2.92	1.30	.21	.88	1.41	
August				1.73	2.34	2.49	2.13	3.67	2.67	1.60	
September....				.96	1.27	.73	5.19	2.61	.44	3.11	
October				2.39	2.87	2.33	3.84	1.31	2.38	2.32	
November....				1.74	3.49	3.94	.99	.95	1.56	1.81	
December				2.16	2.00	2.06	3.30	2.52	2.04	1.30	
TOTALS ...				18.13	23.45	22.00	26.15	25.57	20.77	22.02	

1893 Kettering Church 1 Mile & 1/2 long N
 Iron circular railing safe diam 3' 8" high 5 ft gauge in centre

RAINFALL AT Kettering Sewage WorksLat. 52° 22' 45" NLon. 0° 43' 16"County of Northamptonfisher

Rain Gauge, by

Observer T. R. Smith Esq. CLR.A.D. 4.

Diameter ..	8										
Height	10										
Altitude ..	199 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.25	1.08	.80	1.92	2.04	.73	4.20	1.06	1.23	.91	1.721
February ..	4.19	1.11	1.65	.75	2.67	.62	1.74	1.31	1.05	.41	1.550
March ....	.60	2.59	1.22	2.61	1.89	2.46	1.61	1.02	3.00	2.49	1.899
April .....	.69	2.69	1.02	1.81	1.25	2.12	.66	2.05	2.92	1.35	1.646
May	1.22	1.61	2.09	2.18	1.70	1.25	1.44	4.61	1.63	1.32	1.905
June	1.64	1.65	2.16	2.72	1.11	2.67	4.92	2.36	1.14	3.44	2.381
July	1.63	2.32	1.10	2.59	2.72	.86	.94	2.59	2.19	2.65	1.959
August	3.44	1.75	2.54	3.00	2.04	2.53	.94	1.96	2.70	1.82	2.272
September..	.57	1.19	1.38	3.08	1.78	1.92	1.12	.67	1.49	2.47	1.567
October	1.50	1.74	1.72	5.46	.61	.97	4.16	4.02	1.26	3.31	2.475
November ..	2.17	.75	1.74	1.52	1.04	2.28	3.80	2.34	1.03	.56	1.723
December ..	3.77	3.41	1.16	1.07	1.46	.86	2.59	3.48	1.52	3.84	2.316
TOTALS ..	24.67	21.89	18.58	28.71	19.81	19.27	28.02	27.46	21.16	24.57	23.44

1900 Kettering Church 1 Mile, 1 furlong N
 Rainy 3' 8" high 5 ft circular ^{10 ft diameter} gauge in centre
 1903 Kettering Station 1 Mile, 1 furlong N

Hick

RAINFALL at Kettering Sewage WorksCounty of NorthamptonshireObserver J. R. Smith Esq. C.E.River Basin None4Flaucher Rain Gauge, by

Diameter ...	8											
Height	1.0											
Altitude ...	199 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTAL
January ...	1.82	.75	3.32	2.86	.91	2.20	1.64	1.87	1.95	4.30		16.19
February ...	2.22	1.10	1.70	.72	1.05	2.08	3.71	.79	1.22	2.50		9.76
March .....	.78	1.58	2.35	3.09	2.19	.86	5.68	1.26	.70	3.62		8.22
April	1.61	.69	.11	2.43	.58	.69	1.08	1.58	3.23	1.95		11.26
May	2.60	2.85	1.88	1.71	.93	2.05	1.79	2.26	1.48	1.50		7.84
June	1.04	1.38	3.85	.94	3.02	1.22	1.56	2.03	.51	.78		7.03
July	1.81	.17	5.12	1.39	1.68	3.60	2.03	1.34	2.64	2.40		4.88
August	1.67	2.74	6.62	1.14	1.49	1.76	4.07	6.26	1.33	2.17		8.41
September ..	.52	1.36	1.00	1.47	.73	1.13	.75	1.65	4.38	1.57		13.83
October ...	1.95	1.88	2.23	3.52	2.23	1.38	2.23	2.99	1.36	1.51		8.35
November ..	3.09	2.48	1.61	2.39	2.21	2.31	3.08	1.04	1.97	1.80		8.09
December ...	5.77	3.76	2.98	.74	5.01	4.27	2.65	.77	1.96	3.86		7.89
TOTALS ...	24.88	20.74	32.77	22.40	22.03	23.55	30.27	23.84	22.73	27.96		9.24
	D	D	D	D	D	D	D	D	D	D		104.80

1910 Light rain Rain gauge normal gauge 3' 8" high 5 Rain gauge circular 15 ft diameter with 8 in centre

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Chureh.	Distance.	Direction.
1910	52-28-28 N	0-43-16 W	Kettering	17m 1/2	N	Kettering	17m 1/2	N

RAINFALL at *Kettering Sewage Works*County of *Northamptonshire*Observer *T. R. Smith Esq. C.E.*River Basin *None* 4*Mayor J.P. Hays*
*Engineer Kettering U.D.C. (26)**Glaisher* Rain Gauge, by

Diameter ...	8											
Height	10								0 11			
Altitude ...	199											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930	
January ...	2.26	2.12	3.47	1.10	1.90	1.11	2.94	2.08	3.66	1.30	2.74	<i>Totals</i> 24.68
February ...	.86	.27	2.17	3.69	.53	2.40	2.83	2.67	1.69	.71	.82	18.64
March	1.96	.90	1.87	2.03	.77	1.00	.58	1.84	1.17	.06	1.42	13.60
April	4.65	.89	3.17	1.64	3.21	1.94	2.60	1.58	1.03	1.55	2.29	24.55
May	1.39	1.34	.99	1.00	3.75	3.43	1.84	.55	1.11	1.31	2.66	19.37
June	1.80	.43	.85	.47	1.67	.04	1.82	3.87	2.15	.65	.95	14.70
July	3.01	.21	3.44	4.02	2.50	1.75	1.51	2.31	2.23	1.32	2.69	25.09
August	1.20	2.40	4.88	2.00	1.60	1.74	1.44	4.10	1.60	.94	1.99	23.89
September...	1.68	.90	1.78	2.62	2.24	2.97	1.33	4.68	.92	.71	4.63	24.49
October	1.43	1.29	.90	3.31	3.93	3.27	2.48	1.75	3.91	2.93	1.14	26.34
November...	1.13	1.51	.94	1.86	2.28	1.77	3.41	2.97	2.94	5.05	3.59	27.45
December...	2.35	1.51	2.11	2.38	2.68	2.29	.52	2.67	2.31	4.63	2.38	25.83
TOTALS...	23.72	13.80	26.57	26.12	27.06	23.71	23.30	31.07	24.82	21.16	27.30	268.63
	D	D	D	D	D	D	D	D	D	D	D	<i>424</i>

1920 light iron railing round gauge 3' 8" high 6" Railing is circular 10 ft diameter with 9 in centre.

1930. Good rain summer months.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	52° 22' 48"	0° 48' 16"	Kettering	1 mi 1 fur	N	Kettering	1 mi 1 fur	N

RAINFALL at *Kettering (Sewage Works)*County of *Northamptonshire*Observer *Major J. P. Haugh*River Basin *Nene - 4*Type of Gauge *Staircase*Annual Average *24.2* in. based on *42* years obs. un-weighted. Period of average *1881-1915*Ref. *Aug. sheets
January
6601226**computed x/36.*

Diameter	8.											
Height	1.0.											
Altitude	199.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals Means	
January	1.33	1.22	1.35	1.35	.91	3.84	3.15	2.57	5.02	(2.54)	13.18	
February	2.59	.36	1.91	.35	2.13	1.97	2.09	.86	.94	2.30	16.50	
March	.13	1.35	2.72	1.30	.71	1.46	2.85	.18	1.85	1.93	14.49	
April	2.35	3.15	.64	1.89	3.21	1.87	2.89	.04	2.13	2.16	20.83	
May	2.53	3.83	1.21	.62	1.15	1.05	4.37	1.67	.77	1.54	18.74	
June	1.60	.48	1.61	.51	3.15	4.25	1.92	1.19	1.58	.88	17.17	
July	2.72	3.10	1.52	1.95	.73	6.54	1.96	1.58	2.46	3.32	15.88	
August	4.26	1.96	.74	1.20	1.36	.56	1.63	3.54	4.39	.12	19.76	
September	2.71	2.36	1.78	1.67	2.95	1.58	1.41	1.47	1.11	.83	17.87	
October	.40	3.09	1.86	1.08	3.15	1.82	2.98	2.40	4.50	2.86	14.24	
November	2.38	1.79	1.94	1.99	3.88	2.47	1.59	2.80	3.53	6.11	18.48	
December	1.04	.58	.45	4.05	2.98	1.66	2.20	3.44	1.77	1.84	20.01	
TOTALS	25.04	23.27	17.73	17.46	26.31	29.07	30.04	21.74	30.15	26.43	247.24	

1931. Sight iron railing round gauge 3 ft. 6 in. high. 5 ft. railing is circular, 10 ft. diameter with gauge in centre.

* Printed with footnote "Reporting G.M.N.H.S."

1940 Jan. used for Ann.

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1931			Kettering	1 mi. 199. N.	Kettering	1 mi. 199. N.

Station No. T.F. 1125RAINFALL at Kettering (Savage 1945)

41

County of NorthamptonshireObserver J. Smith Esq (1941)River Basin NoneThe Borough Engineer (1945)Type of Gauge GlaisherAnnual Average 26.2 in. based on 42 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. A.V.S.File No. 66002/26

Diameter	8"			161	395						161540
Height	1' 0"							1' 2"			1
Altitude	199'										41
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.39	2.48	3.39	1.64	1.64	2.13	1.86	4.58	.82	.73	Total 22.66
February	1.58	.99	.79	1.16	1.51	2.17	1.62	.94	1.00	3.44	15.20
March	3.19	1.52	.91	.25	.72	1.05	4.38	.60	1.33	.77	14.72
April	1.01	1.04	.93	1.59	.89	1.67	2.17	1.52	1.87	2.56	15.25
May	2.32	3.08	2.08	.77	1.76	2.12	1.05	3.23	2.72	3.02	22.15
June	1.33	.24	1.74	2.76	2.09	3.18	1.46	2.78	.49	1.75	17.88
July	2.64	2.03	.72	1.73	1.59	1.85	2.28	1.30	2.47	3.77	20.3
August	3.74	2.30	2.13	2.16	2.66	3.14	.00	2.46	1.15	1.59	21.33
September	.57	1.04	1.63	2.56	2.18	2.74	1.29	2.76	1.42	3.75	19.94
October	1.82	2.30	1.69	2.66	3.38	1.29	.16	2.88	1.66	.62	21.46
November	2.88	2.37	1.51	3.12	.34	4.82	1.36	1.66	2.46	4.08	24.60
December	.83	1.82	.98	1.19	2.88	2.44	2.17	3.13	1.71	1.43	18.58
TOTALS	26.30	21.24	18.53	21.59	21.64	28.60	19.80	27.84	22.10	27.51	234.15
	D	D	D	D	D	D	D	D	D	D	41

1941 - light iron railing round gauge 8" 5' 0" railing is circular 10' diameter with gauge in centre.

1950 - rain-gauge moved from N.G.R. 42/872 764 to 1895 729 31/3/50 } end. 41A-24.657

move is sufficient to require new stn. number to be allocated.

1125 in 1951-60 decade is therefore being re-numbered 1122/7. 46.3.7.54.

* Printed with footnote 'Reporting to Northamptonshire N.H.S.?

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			Kettering	1 1/2 m.	N.	Kettering	1 1/2 m	N

Station No. 1122/7. T.F. 6

RAINFALL at KETTERING (SEWAGE WORKS)

51

County of NORTHAMPTONObserver M. BARNES ENGINEERRiver Basin NENE - 4Type of Gauge GAUSSNERAnnual Average 24.2 in. based on 42 years obs. un-weighted.Period of average 1881-1915 Ref. A.W.S.24.42 " " 35 " " 1916-1950File No. 000602/26 P

Diameter in.	8			161	540					8"	
Height ft. in.	1 2				1					10"	
Altitude ft.	199				51					165'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.46	1.95	.96	.90	1.98	3.83	1.57	2.98	3.40	3.19	
February ...	3.49	.73	1.66	2.02	1.58	.56	2.19	3.74	.06	1.49	
March ...	3.42	2.77	.99	2.50	2.19	.79	2.05	1.73	2.52	1.80	
April ...	2.81	1.71	2.00	.40	.68	1.04	.32	.99	1.80	.34	
May ...	4.08	3.25	1.52	3.01	4.27	.45	1.66	2.28	.34	1.18	
June ...	1.25	.98	1.64	2.92	2.25	2.78	1.75	5.15	.62	2.13	
July ...	.71	.42	2.54	2.39	.18	3.72	2.50	2.59	1.87	3.58	
August ...	4.21	3.56	2.32	4.22	.65	4.48	2.21	2.16	.55	2.48	
September ...	1.55	2.42	1.79	1.79	1.32	1.89	4.80	1.88	.01	3.93	
October ...	.96	2.86	1.89	1.96	1.75	1.41	1.67	1.76	1.68	4.20	
November ...	4.93	3.03	1.63	4.76	1.24	.61	1.66	1.64	1.75	2.44	
December ...	2.11	2.20	.74	2.36	2.20	2.79	2.24	2.24	3.99	3.04	
TOTALS ...	31.98	25.88	19.68	29.23	20.29	24.35	24.62	29.14	18.59	29.80	
	D	D	D	D	D	D	D	D	D	D	

1.4.50 Gauge moved approx 3 miles S.S.E. near Finedon Railway Stn. hence change of stn. number. 3.7.57.
 Inspected 8.11.60 by J.H.H. Ins. 45'-50' W and 30'-40' NE. Belts sets some 20 yds S on edge of open area.
 obs. of WSW → E otherwise satisfactory.

* ²⁻¹⁹⁵³ Inspected with footmole "Reporting to N.N.H.S." Records rec'd direct

SP(42) 894-729

Position of Station on Ordnance One-Inch map:

No. of Map:

National Grid Reference

895729

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
	✓	✓	✓	✓	✓