

RAINFALL AT Kettering Water Works Clover Hill

Lat.

Lon.

County of Northampton

Symon's
Stauber

Rain Gauge, by 1653
747

Observer J.R. Smith Ag. C.E.

Red D. 4

Diameter ...										5	
Height										0 7	
Altitude ...										344 ft	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									1.15	.91	
February99	.52	
March									2.96	2.69	
April									2.51	1.24	
May									1.58	1.25	
June.....									1.03	3.31	
July									2.19	2.73	
August.....									2.73	1.95	
September ..									1.39	2.21	
October ...									1.31	3.34	
November ..									.86	.63	
December ...									1.54	4.17	
TOTALS ...									20.24	24.95	

1908 Kettering Church, mile 5
Plator 1 $\frac{1}{2}$ " S.S.W.
Engine House 25 ft high 80 ft E

RAINFALL at Kettering W.W. Clover Hill

County of Northamptonshire

Observer J.R. Smith Esq. Ch.

River Basin Dene 4

Fraicher Rain Gauge, by

Diameter	5									
Height	0.7									
Altitude	3647									
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January	1.70	.72	3.20	2.78	.97	2.19	1.68	2.10	2.40	4.46
February	2.25	1.11	1.83	.68	1.12	2.38	3.87	.78	1.27	2.78
March	.71	1.43	2.31	3.13	2.25	.92	5.70	1.61	.80	4.01
April	1.80	.70	.08	2.68	.99	.77	.77	1.44	2.89	2.07
May	2.72	3.33	2.16	1.75	.87	1.99	1.61	2.01	1.52	1.75
June	.92	1.59	3.84	.96	2.72	.94	1.30	2.19	.51	.82
July	2.00	.14	4.89	1.00	1.82	4.33	1.55	1.40	3.12	2.36
August	1.73	2.53	6.98	.64	1.33	1.58	3.77	7.28	1.70	2.24
September	.47	1.39	1.05	1.35	.70	1.17	.56	1.89	4.06	1.82
October	1.97	1.85	2.47	3.71	2.38	1.39	2.49	3.12	1.28	1.55
November	3.36	2.33	1.71	2.25	2.17	2.43	3.20	1.21	2.13	1.88
December	6.19	3.99	2.95	.58	5.33	4.50	2.84	.78	2.20	3.85
TOTALS	25.32	21.11	33.47	21.51	22.65	24.49	29.84	25.81	23.88	29.59
	7	3	2	7	5	5	3	2	2	3

1910 Engin No 2531 Hugh S. Jr E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	52° 24'.36"	043° 20' W	Kettering	1½ Mile	S.S.W.	Kettering	1 Mile	S

RAINFALL at Hettering W.W. Clover Hill

County of Northamptonshire

Observer Y.R. Smith Esq. C.E.

River Basin None

Major J.P. Sturge

Engineer Hettering UDC (26)

Glaisher Rain Gauge, by

1927 B.A. 1929 Snowdon

Diameter ...	5"											
Height	0 7										1 0	
Altitude ...	344										348	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January ...	2.46	2.22	4.18	1.10	2.00	1.30	3.06	2.21	3.65	1.35	2.66	Totals, 26.49
February ...	1.72	1.32	2.27	4.10	1.48	2.55	3.14	2.82	1.60	.79	.70	19.49
March	1.90	1.63	1.61	1.85	.78	1.14	1.43	2.02	1.60	.03	1.60	13.62
April.....	4.62	1.73	3.14	1.55	3.26	1.71	2.44	1.50	1.12	1.49	2.45	24.21
May	1.43	1.30	1.11	.81	3.46	4.09	1.96	1.44	1.40	1.37	2.50	19.87
June	1.78	1.44	.89	1.42	1.74	1.04	1.97	3.58	2.43	.80	.84	14.93
July	3.20	1.19	3.72	3.68	2.57	2.24	1.55	2.46	2.00	1.54	2.98	26.13
August	1.28	2.59	5.15	1.88	1.72	1.99	1.07	4.56	1.63	1.00	2.06	24.93
September...	1.71	1.09	1.86	2.69	2.69	3.38	1.21	4.65	.91	.68	4.24	25.01
October....	1.42	1.33	.92	3.74	4.22	3.47	2.27	2.36	4.07	2.95	1.26	22.06
November...	1.29	1.52	1.10	1.94	2.47	1.97	3.60	3.12	2.79	5.00	2.83	27.03
December...	2.45	1.42	2.35	2.85	2.91	2.47	1.47	2.57	2.02	4.61	2.55	26.97
TOTALS...	24.26	14.03	28.30	26.61	28.20	26.35	23.17	32.29	25.55	21.61	26.67	277.04

1920 Engine House 25 ft high 80 ft E.

1930. G. read in winter & summer 9 a.m.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	52° 24' 36" N	0° 43' 20" E	Hettering	1/4 mi S.S.W.	Hettering	1 mi	S

RAINFALL at Kettering W.W. (Clover Hill)

County of Northamptonshire Observer Major J. P. Haugh

River Basin Nene - 4

Type of Gauge Sonstensen

Annual Average 24.2 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. 623502/26
bonfited x/86

Diameter	5										Totals
Height	1.0										Mmns
Altitude	344										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	1.50	1.34	1.25	1.39	1.75	3.68	3.09	2.43	5.34	(2.64)	23.41
February	2.41	2.29	2.04	3.32	2.01	2.11	2.87	2.74	2.66	2.43	15.88
March	1.21	1.42	2.63	1.17	1.45	1.40	2.83	1.18	1.65	1.79	13.73
April	3.24	3.30	1.58	1.88	3.26	1.70	2.74	1.03	2.08	2.24	20.56
May	2.37	4.14	1.10	1.60	0.93	1.80	4.35	1.59	1.79	1.11	17.78
June	1.52	1.47	1.26	1.58	2.58	4.13	1.60	1.44	1.32	.59	16.49
July	2.51	2.94	1.60	1.31	1.80	6.16	1.58	1.50	2.54	3.68	24.62
August	4.42	1.88	1.84	1.23	1.40	1.51	1.70	2.70	4.42	1.18	19.28
September	2.89	2.24	1.64	1.57	2.66	1.97	1.20	1.71	1.10	.49	17.47
October	1.32	3.42	1.62	1.83	2.66	1.64	2.86	2.47	4.37	2.94	23.12
November	2.56	1.78	1.67	2.02	3.50	2.16	1.51	2.46	3.28	6.14	27.08
December	1.07	1.65	1.42	4.09	3.08	1.60	2.23	3.32	1.47	1.83	19.56
TOTALS	25.02	23.67	16.65	16.49	24.08	27.86	28.56	20.57	29.02	26.06	237.98

1931. Engine House 25 ft. high above gauge 80 ft. E.

1940. Jan. cond. for show.

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			Kettering	1/4 mi.	S.S.W.	Kettering	1 mi. S.

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

Station No. T.F. 1127

41

RAINFALL at Kettering W.W. (Clover Hill)

County of Northamptonshire

Observer F. Smith Esq. (1941)

River Basin Nene - 4

The Brough Engineer (1942)

Type of Gauge Standard

L.H. Brown Esq., B.Sc.C.E. (1950)

Annual Average 24.2 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 666602/26

Diameter	5"			161	224						
Height	1' 0"									11"	
Altitude	344'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.40	2.57	3.52	1.52	1.82	1.79	1.90	4.42	.84	.79	Total 5. 22.57
February	1.69	.93	.86	.99	1.48	1.77	1.50	.67	.91	3.27	14.13
March	3.17	1.53	.82	.21	.70	.99	4.56	.59	1.41	.86	14.74
April	1.16	.69	.89	1.51	.96	1.64	1.82	1.52	1.71	2.26	14.22
May	2.12	3.31	2.08	.77	1.65	1.81	1.04	2.72	2.80	2.71	21.01
June	1.33	.44	1.64	2.19	2.19	2.65	1.38	2.83	.67	1.36	17.23
July	2.57	1.68	.66	1.55	1.73	1.80	2.29	1.50	3.07	3.16	20.01
August	3.52	2.46	2.04	2.28	1.49	3.07	.03	3.14	.80	1.25	20.08
September	.54	.76	1.42	2.63	2.31	2.90	1.04	2.35	1.52	3.34	19.11
October	1.67	2.13	1.62	2.16	2.83	1.33	.11	2.72	4.43	.57	19.51
November	2.90	2.41	1.42	3.09	.35	4.90	1.12	1.61	2.35	3.99	24.14
December	.65	1.53	.89	.99	2.53	2.18	2.09	2.88	1.58	1.36	16.68
TOTALS	24.72	20.44	18.16	20.55	20.04	26.83	18.88	26.95	22.15	24.86	223.58

41 Engine house 25' high 80° 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.
1941			Kettering	1/4 mi	SSW.	Kettering	1 mi S.

Station No. 1122

T.F. 01

RAINFALL at KETTERING W.W. (COVER HILL)

51

County of NORTHAMPTON

Observer THE BOROUGH OF KETTERING
Mid-Northants Water Board (1951)

River Basin NENE - 4

Type of Gauge SNOWDON (N.L2)

Annual Average 242 in. based on 27 years obs. unweighted. Period of average 1881-1915 Ref S

File No. 660603/26 1987/50

Diameter in.	5				161	224				5"
Height ft. in.	1 1		1 0			1				1' 3"
Altitude ft.	344					51				344'
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
										Means
January	2.17	1.76	1.00	.90	1.97	3.49	1.28	2.33	3.64	3.64
February	3.20	.59	2.08	2.11	1.76	.49	2.14	2.96	.07	1.61
March	3.26	2.85	.85	2.69	2.13	.71	1.79	1.54	2.11	1.93
April	2.67	1.84	1.97	.23	.64	1.06	.30	.69	2.15	.54
May	3.57	2.20	1.35	2.65	3.85	.62	1.36	2.68	.37	1.15
June	1.01	.98	2.19	1.89	2.37	2.76	1.67	4.60	.56	2.50
July	.45	.37	2.13	2.22	.15	3.23	2.42	3.52	2.01	2.97
August	3.87	3.97	2.43	4.40	.76	4.05	2.37	2.30	1.03	2.83
September	1.71	2.06	1.39	2.23	1.13	1.91	5.34	1.49	.41	3.32
October	.89	2.52	2.07	2.35	2.13	1.17	1.10	2.28	1.44	5.17
November	5.05	2.50	1.67	4.52	1.22	.69	1.65	1.72	2.07	3.04
December	1.94	2.38	.59	2.50	1.72	2.63	2.30	2.33	4.17	2.92
TOTALS	29.79	23.52	19.72	28.49	19.73	22.81	23.72	28.44	19.73	31.62
	a	D	D	D	D	D	D	D	D	D

1956: Rather low but accept.

Imputed 8.11.60 by H.H. Miller o/c all directions especially S-SW. Less exposed site 20 yds NNE.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference SD(51)8159799

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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