

RAINFALL AT *Kettering W.W. Cransley*Lat. *52° 23'*

Lon. ....

County of *Northampton*Observer *J. R. Smith Esq. Ch.**Copper flash* Rain Gauge, by  
*5.00, 1.00, 7.48, 5.03.**Rainfall*

Diameter ..	8										
Height ....	0	6			0	11		0	6		
Altitude ..	275	7									
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.31	.98	.74	1.94	1.96	.91	3.69	.95	1.08	.84	1.640
February ..	4.39	1.21	1.57	.94	2.94	.53	1.59	1.22	.78	.44	1.561
March ....	.63	2.06	1.21	2.81	1.43	2.40	1.42	.85	2.73	2.45	1.799
April .....	.59	2.34	1.19	1.98	.91	1.83	.45	2.56	2.77	1.34	1.596
May .....	1.09	1.98	1.86	2.17	1.79	1.04	1.46	4.42	1.37	1.16	1.834
June .....	1.59	1.67	2.41	2.68	.98	2.93	3.89	1.83	.90	3.34	2.222
July .....	2.63	1.63	1.00	2.20	2.40	1.03	.48	2.64	2.05	2.65	1.871
August ....	3.47	1.67	2.82	3.54	1.85	2.58	.71	1.83	2.69	2.05	2.321
September..	.57	1.00	1.33	2.57	1.74	1.65	1.00	.54	1.61	1.90	1.391
October ....	1.58	1.36	1.76	5.68	.60	.86	4.53	3.83	1.13	3.23	2.456
November..	2.27	.69	1.71	1.35	1.09	2.49	3.84	2.18	.78	.64	1.704
December ..	3.95	3.67	1.03	1.12	1.46	.79	2.72	3.25	1.46	3.91	2.336
TOTALS ..	26.07	20.26	18.63	28.98	19.15	19.04	25.78	26.10	19.35	23.95	22.51

1900 Thorpe Malson Church 1000 yards N

Stables 10 ft high 60 ft 5

Railing 4 ft - 9 - diameter round gauge

Kettering Station 3 miles E

+ 16.8.01 N.E.W. Gauge on level ground well away from Res. bank & buildings - a perfect position. Res. W. Filton N.

## RAINFALL at

Kettering W. W. Cransley

County of Northamptonshire

Observer J. H. Smith Esq C.E.

River Basin Nene 4

Glaisher Rain Gauge, by

Diameter ...	8										
Height .....	6										
Altitude ...	275 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.74	.68	3.09	3.52	.82	2.17	1.51	1.99	2.24	4.19	
February ...	2.19	1.07	1.63	.67	1.12	2.50	3.87	.72	1.20	2.49	
March .....	.76	1.73	2.25	2.96	2.27	.96	5.61	1.11	.73	3.85	
April .....	1.16	.83	.07	2.62	.82	.71	1.03	1.31	2.83	2.05	
May .....	2.31	2.42	1.96	1.47	.91	1.82	1.49	2.03	1.47	1.42	
June .....	.90	1.66	3.37	.75	2.85	.63	1.46	2.52	.40	.75	
July .....	1.96	.24	4.53	1.62	1.61	4.11	1.54	1.31	2.83	2.17	
August .....	1.43	1.95	6.47	1.09	1.40	1.89	2.78	6.09	1.08	2.20	
September ..	.62	1.25	1.07	1.36	.75	1.08	.93	1.63	3.91	1.66	
October ...	2.18	1.89	2.44	3.05	2.41	1.59	2.68	2.88	1.14	1.42	
November ..	3.29	2.26	1.55	2.28	2.20	2.54	3.03	1.00	2.09	1.81	
December ...	5.84	3.94	2.82	.63	4.93	4.33	2.88	.73	2.19	3.76	
TOTALS ...	24.38	19.92	31.25	22.02	21.99	24.26	28.81	23.32	22.11	27.67	
	2	2	2	2		2	2	2	2	2	

1910 Garding & fuel by 8 9 ft Square and 10 ft range  
 Stables 10 60 5

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	52.23 N	0.46.30 W	Kettering	3 Miles	E	Thorpe	1000 yds	N

RAINFALL at *Kettering R.R. Granisley*County of *Northamptonshire*Observer *J. R. Smith Esq. C.E.*River Basin *Pene 4**Major J. P. H. Smith Esq.*  
Engineer *Kettering U.D.C. (26)**Glaisher* Rain Gauge, by

Diameter ...	8											
Height .....	0.6									1.0		
Altitude ...	275											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930.	
January ...	2.29	2.14	3.34	1.13	2.04	1.22	2.81	2.24	3.60	1.40	2.74	
February ...	.63	.32	2.15	4.22	.55	2.58	3.43	2.68	1.58	.72	.75	
March .....	2.09	.81	1.59	1.94	.72	1.02	.62	1.93	1.47	.07	1.56	
April .....	4.36	.89	3.27	1.63	3.33	1.86	2.38	1.60	1.28	1.60	2.37	
May .....	1.38	1.62	1.33	.68	4.02	4.45	1.94	.60	1.17	1.59	2.71	
June .....	1.86	.45	.94	.59	1.76	.02	1.93	3.38	2.65	.97	1.32	
July .....	2.90	.08	3.43	3.62	2.74	2.80	1.78	2.01	2.09	1.52	3.36	
August .....	1.21	2.48	5.39	1.89	1.84	1.69	1.21	3.83	1.68	1.11	2.22	
September...	1.86	.88	1.85	2.53	2.48	2.95	1.34	4.44	.90	1.08	4.53	
October .....	1.12	1.37	.82	3.43	4.13	3.54	2.29	2.49	4.40	2.70	1.81	
November...	1.14	1.62	1.10	1.68	2.25	1.91	3.35	3.08	2.98	4.87	3.10	
December...	2.45	1.49	2.31	2.75	2.71	2.55	.56	2.61	2.35	4.69	2.51	
TOTALS...	23.29	14.21	27.52	26.09	28.57	26.71	23.64	30.89	26.15	22.32	28.48	
	D	D	D	D	D	D	D	D	D	D	D	

1920. Railing  $\frac{1}{4}$  ft high 9 ft square round the Gauge  
Stables 10 " " 60 " 5.

1930: G read 9 am 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° 28'	0° 46' 30"	Kettering	3 mi	E	Thorp Malton	1000 yds	N



RAINFALL at Kettering W.W. (Cransley)County NorthamptonshireObserver Major J. P. HaughRiver Basin Nene-4Type of Gauge GlaisherAnnual Average 23.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Summary 66562/26  
Computed x 136.

Diameter	8.											
Height	1.0.											
Altitude	275.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.42	1.20	1.19	1.61	.87	3.71	3.33	2.62	5.60	2.97	24.52	
February	2.35	.32	2.40	.38	2.15	2.04	3.12	.91	.88	2.75	17.50	
March	.14	1.44	2.61	1.31	.50	1.45	3.44	.19	1.92	2.10	15.10	
April	3.26	3.01	.66	1.66	3.63	1.83	2.89	.09	2.12	2.46	21.71	
May	2.32	4.40	1.10	.66	.97	.87	4.09	1.89	.88	1.70	18.88	
June	1.46	.50	2.23	.56	3.09	4.40	2.47	1.53	1.53	.77	13.54	
July	2.93	3.82	2.26	1.92	.85	5.87	2.20	1.85	2.80	3.27	27.77	
August	3.12	1.52	.82	1.38	1.42	.61	1.40	4.62	4.27	.20	19.36	
September	2.67	2.48	1.77	1.90	2.67	2.01	1.34	1.92	.78	.68	18.23	
October	.32	3.05	2.00	1.05	2.92	1.84	2.83	2.80	4.47	3.22	24.58	
November	2.29	1.95	2.08	1.95	3.66	2.31	1.56	2.79	3.61	6.49	28.69	
December	.96	.52	.41	4.22	2.93	1.75	2.47	4.11	1.66	1.98	21.01	
TOTALS	23.54	24.21	19.53	18.60	25.66	28.69	31.14	25.32	30.52	28.59	155.80	76

1931. Reading 4 ft. high g. for square with gauge.  
 Stables 10 " " 60 " S.

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			Kettering	3 mi.	E.	Thorpethorpe	1000 yds.	N.

Station No. T.F. 1124

RAINFALL at Kettering W.H. (Chansley)

41

County of Northamptonshire

Observer

F. Smith Esq (1941)

River Basin here - 4

The Borough Engineer (1945)

Type of Gauge Glasgow Standard (422)

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

Annual Average 23.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 660.622/26

Diameter	8"			161	295						
Height	1' 0"							1' 6"			
Altitude	275'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means - Total
January	4.21	3.10	3.94	1.76	2.00	1.99	2.23	4.73	.94	.86	25.76
February	1.99	1.72	1.03	1.13	1.70	2.22	1.84	1.02	1.11	3.67	17.43
March	3.23	1.50	1.06	.27	.72	1.12	5.05	.69	1.46	.98	16.08
April	1.22	.85	.97	1.58	1.00	1.98	1.98	1.64	1.96	2.73	15.91
May	2.62	3.94	2.43	1.04	1.90	2.18	1.23	3.71	2.29	2.72	24.06
June	1.81	.53	2.10	2.88	2.41	2.49	1.46	2.37	.42	1.65	18.12
July	3.13	2.04	.93	1.92	2.15	1.51	2.39	1.41	1.96	3.39	20.83
August	3.88	2.94	2.35	2.19	2.12	3.44	.04	2.91	1.71	1.64	22.68
September	.60	1.20	2.24	2.84	2.68	3.07	1.28	2.60	1.66	3.38	21.55
October	1.89	2.55	1.75	2.68	3.21	1.38	.28	2.82	4.98	.64	22.18
November	2.99	2.71	1.67	3.30	.40	5.68	1.41	1.58	2.58	3.90	26.22
December	.83	1.92	.92	1.25	2.84	2.28	2.27	2.95	1.26	1.55	18.67
TOTALS	28.40	25.00	21.39	22.84	23.13	29.34	21.46	28.43	22.99	27.11	249.49

1941 Railing 4' high 9' square with gauge. Scales 10' high 60'S.  
 1943 N.P. Light  
 1945 N.P. high.

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.	Direction
1941			Kettering	3 mls	E.	Thorp Malbor	1000 yds	N.

Station No. 1124

T.F. 61

RAINFALL at KETTERING W.W. (CRANSLEY)

51

County of NORTHAMPTON

Observer T. B. B. ENGINEER,  
M. & Northants Water Board (1951)

River Basin NENE - 4

Type of Gauge SNEYDON Gauge (+A)

Annual Average 23.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S. 1950  
" " 26.22 " " 39 " " " 1916-58 " " " 66062/26 E. 12427/50  
File No.

Diameter in.	8			161	295					8"	
Height ft.	1 6				1					1' 9"	
Altitude ft.	275				51					275'	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January	2.44	2.06	1.20	1.12	1.92	3.96	1.37	2.67	3.96	4.02	24.72
February	2.95	.71	1.83	2.29	2.17	.68	2.47	3.27	.07	1.62	18.06
March	3.62	2.68	1.02	2.59	2.57	.80	1.99	1.86	2.32	2.16	21.61
April	2.85	1.61	2.18	.36	.82	1.16	.39	.76	2.23	.69	13.05
May	3.76	2.10	1.15	2.48	3.87	.69	1.45	2.91	.43	1.07	19.91
June	1.41	1.09	2.45	2.24	2.92	2.90	2.10	5.23	.64	2.95	23.93
July	.69	.44	2.38	3.06	.17	3.44	3.01	4.49	2.07	3.05	22.82
August	3.65	4.31	2.34	4.29	.89	5.74	2.41	3.05	.85	2.99	30.52
September	1.91	2.00	1.83	2.50	1.36	2.12	5.59	1.80	.06	3.97	23.14
October	.89	2.30	1.91	2.63	2.36	1.39	1.35	2.52	1.71	5.54	22.60
November	5.02	2.87	1.70	4.73	1.30	.69	1.68	1.82	2.31	3.25	25.37
December	1.99	2.49	.82	3.13	1.99	3.49	2.36	2.44	4.51	3.27	26.49
TOTALS	31.18	24.66	20.81	31.42	22.34	27.06	26.17	32.82	21.18	34.58	272.22

Inspected 8.11.60 by H.H.H. bellows seem ok. True 75°-140° ESE → 60°-90° ENE → 60°-100° NE  
Satisfactory alternative near automatic g. (W.2).

\* Reporting to N.A.H.S. 1953 Record rec'd and.

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 58(42)8337 87

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

Summary of Earlier Records from 10-year Sheets:

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