

RAINFALL AT Elton [Market Deeping]Lat. _____ Lon. _____ County of Northampton. Flaskless Copper Rain Gauge, by _____ Observer J. C. Gilligan, Jr.

Recd No. 5

Diameter ...										8	
Height										1-0	
Altitude ...										257 ft	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January57	.60
February ...										1.00	.27
March										1.63	2.92
April										1.87	1.34
May98	.94
June										1.23	2.90
July										2.82	3.01
August.....										1.98	2.00
September ..										1.93	2.78
October ...										1.11	3.50
November ..										.92	.47
December ...										1.00	3.86
TOTALS ...										16.54	24.59

1905 Elton Church 1 mile E.N.E.
 Elton Station 6 furlongs 13 N 45
 Pumping Station 72 ft N 45

RAINFALL at Elton [Market Deeping]

County of Northamptonshire

Observer J.C. Gill Esq. C.E.

River Basin Welland 5

C.A. Gill Esq. C.E.

M.A. Court. 1919

Copper Ditch Rain Gauge, by

Diameter ...	8	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height	10											
Altitude ...	257											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January	1.55	.95	2.97	2.57	1.28	2.02	1.09	1.51	1.75	3.54		
February ...	2.30	.91	1.22	.45	.93	2.08	3.36	.55	.89	2.37		
March41	1.35	1.77	2.39	2.77	1.21	3.25	1.16	.61	2.75		
April	2.14	.62	.08	1.79	.69	.65	.86	1.10	2.06	1.61		
May	3.02	.70	3.91	2.35	.95	1.99	2.12	1.32	1.91	.65		
June90	1.71	4.08	.59	2.30	.75	2.01	2.45	.29	.72		
July	1.76	.09	7.27	.81	1.93	3.54	1.36	.97	3.67	2.91		
August	1.94	1.26	6.76	1.15	1.61	2.49	3.62	5.92	1.26	1.94		
September ..	.81	1.73	1.03	2.29	.77	.89	.76	1.32	4.07	1.47		
October ...	1.47	1.59	2.12	2.66	2.88	1.17	1.66	2.49	1.58	1.52		
November ..	2.26	2.14	1.40	2.18	2.21	3.29	3.25	.93	1.98	1.66		
December ...	5.31	3.97	2.58	.87	4.29	3.74	2.58	.44	1.53	3.15		
TOTALS ...	23.87	17.02	35.19	20.20	22.61	23.82	25.92	20.16	21.60	24.29		

1910 Rainfall station 29th July 72 fm NW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	52° 37' S 2° 18' W	Helperton	M.R.	6 fm by	WNW	Glenford	19 fm	FNE

RAINFALL at Market Deeping, Elton

County of Northamptonshire Observer W.H.A. Court Esq., C.E.

River Basin Welland 5

City Engineer Peterborough

Copper Glaisher Rain Gauge, by

Diameter ...	8										
Height	1	0									
Altitude ...	25									23	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	1.90	1.64	2.24	1.04	1.82	.74	2.65	1.62	2.86	1.17	1.85
February68	.52	1.79	3.17	.53	1.33	1.56	1.96	1.10	.78	.42
March	2.04	.47	1.38	1.66	.75	.60	.11	1.69	1.07	.10	1.52
April.....	3.91	1.00	2.47	1.48	1.65	1.47	2.00	2.00	1.00	.68	2.09
May	1.25	.99	1.34	.71	3.92	2.86	1.50	.67	1.56	.79	3.13
June	1.87	.40	.68	.49	2.00	.05	2.14	2.86	2.99	1.06	.18
July	2.90	.25	3.73	3.02	2.44	1.46	1.63	3.03	1.83	1.92	2.27
August	1.47	.04	2.38	2.10	1.27	2.06	.68	2.61	1.13	.69	2.25
September...	1.76	.83	1.87	2.18	1.47	2.41	1.98	3.28	.43	.73	3.92
October.....	1.00	1.74	.79	2.52	4.43	2.46	2.31	2.07	3.34	2.76	.75
November...	.75	1.18	.94	1.49	2.02	1.56	3.02	2.34	1.88	3.58	2.72
December...	1.74	1.00	1.97	1.93	1.70	1.78	.50	1.82	1.63	3.81	2.01
TOTALS...	21.27	13.11	21.58	21.79	24.00	18.78	20.08	25.95	20.82	18.07	23.11
	0	0	0	0	0	0	0	0	0	0	0

1920. Pumping station 29 1/2 ft. high 72 ft. N.W.

1930. Read in Winter & Summer Gau.

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
1920	52° 37' 52" N	0° 18' 40" W	Helston	6 fms	W.N.W.	Glineton	1 m.

RAINFALL at Market Deeping (Etton)

County of Northamptonshire

Observer W. H. A. Court, Esq., C.E.

River Basin Welland - S.

F. J. Smith, Esq., C.E.

Type of Gauge

Annual Average..... in. based on..... years obs. un-weighted. Period of average.....

Ref.

814572/27

Diameter	8.												
Height	1.0.												
Altitude	25.												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	1.49	.81	.98	1.05	.90	2.73	2.70	2.12	4.18	1.47	19.43		
February	2.10	1.40	1.51	1.62	1.53	1.92	2.56	.73	.51	2.58	14.46		
March	.16	1.16	2.20	1.82	.35	1.04	2.76	.19	1.44	1.32	12.14		
April	2.33	2.18	.90	2.00	2.12	2.13	1.98	.09	1.98	1.10	16.71		
May	2.26	3.63	1.08	.54	.86	.42	3.68	1.93	.60	1.26	16.26		
June	1.79	4.6	2.59	1.02	3.25	4.32	1.00	1.43	1.49	.85	18.20		
July	2.50	3.15	1.15	1.86	.29	3.66	1.82	1.47	2.01	2.19	19.60		
August	3.33	2.12	.61	1.61	1.94	.55	.81	1.31	2.65	.09	16.02		
September	2.86	2.79	2.60	1.16	2.39	1.26	1.29	1.72	1.42	.85	18.33		
October	.55	2.81	1.62	.63	2.41	.79	2.30	1.65	3.75	1.78	18.29		
November	1.77	1.19	1.81	2.06	3.52	1.65	1.51	1.46	2.80	5.16	22.92		
December	.60	2.25	.83	2.95	2.58	1.37	2.12	2.77	1.67	1.24	16.08		
TOTALS	21.74	21.15	17.38	16.51	22.14	21.84	24.43	16.87	25.50	19.89	207.45		

W.H.A.Court

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.			Market Deeping L.M.S.	1/2 mile	W.N.W.	Glenham	1 mi. E.N.E.

Station No. 1150

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RAINFALL at Market Deeping (Etton)

County of Northamptonshire Observer F. J. Smith Esq. C.E.

River Basin Welland - 5

Type of Gauge Glaisher

Annual Average 21.8 in. based on years obs. un-weighted. Period of average Ref.

File No. 814572/27

Diameter	8"			153	971				8"		
Height	1' 0"								10"		
Altitude	25'								36'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.46	1.98	3.20	1.59	1.34	1.29	1.19	3.68	.99	.74	Totals.
February	1.82	.84	.33	1.64	1.36	1.66	.67	.54	.65	2.79	18.46
March	3.15	1.28	.63	.08	.53	.52	3.47	.36	.81	.47	12.30
April	.45	.61	1.00	2.42	.81	.98	1.59	1.17	2.10	1.66	11.30
May	2.60	2.28	1.97	.87	1.54	1.45	.70	2.58	1.75	1.86	12.99
June	.58	.78	1.91	2.24	1.47	1.89	3.17	2.33	.64	1.56	16.60
July	3.21	2.23	.77	1.54	1.29	1.69	1.43	.93	1.55	3.07	17.71
August	3.53	1.80	2.06	3.28	2.47	2.67	.00	3.23	1.24	1.52	21.80
September	.45	1.00	1.12	3.28	1.56	2.64	.86	2.22	.95	2.12	16.20
October	1.80	2.80	.95	2.20	1.97	1.60	.10	2.35	3.25	.59	17.61
November	2.81	2.62	.83	2.64	.46	3.90	.86	1.17	1.90	3.28	20.47
December	.39	1.31	.64	.82	2.10	2.04	1.56	2.10	.89	.82	12.67
TOTALS	23.25	19.43	15.41	22.93	16.90	22.33	15.60	22.66	16.72	20.48	195.71

* used in General Tables. Origin Unknown

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			Helston	6 fur	W.N.W.	Glinstan	1 ml

BRITISH RAINFALL ORGANIZATION

Station No. 1150

RAINFALL at MARKET DEEPING (ETTON)

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County of NORTHAMPTON

Observer F. J. SETH, Esq. C.F.

River Basin WELAND - 5

L. H. Robson, MBE, AMICE (24.1.55).

Type of Gauge GOLDSMITH

Omitted 1955

Annual Average 21.8 in. based on years obs. un-weighted. Period of average

Origin unknown

1916-1950 P

20.68 in based on 35 years 1916-1950

Ref. File No. 814572/27 P

Diameter in.	8			153	971							
Height ft. in.	10											
Altitude ft.	36											
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	1.96	1.35	.74	1.07	1.52	3.11	.61	2.04	2.39	3.05	17.84	
February	2.86	.23	1.35	2.06	1.84	.43	2.31	2.31	.10	1.89	15.38	
March	2.83	2.02	.79	1.70	1.84	.49	1.71	1.07	1.73	1.51	15.69	
April	1.86	1.18	1.54	.83	.68	.90	.27	.43	1.31	.32	8.82	
May	3.58	1.57	1.78	2.93	2.62	.72	1.57	2.16	.66	.84	18.43	
June	.66	.83	2.51	2.06	2.49	1.87	2.06	4.06	.36	1.42	18.32	
July	.86	.17	1.35	1.66	.94	2.61	3.94	2.27	1.85	3.11	18.76	
August	3.89	3.21	2.77	4.40	1.08	3.91	1.92	1.66	2.26	2.80	27.90	
September	1.24	1.65	.71	1.91	1.01	1.40	4.14	1.93	.04	2.37	16.40	
October	.81	2.28	2.08	1.94	1.76	1.04	.92	1.84	1.36	3.46	17.49	
November	3.44	1.99	1.57	4.29	1.12	.63	1.80	1.29	1.56	2.83	20.62	
December	1.41	1.80	.47	2.07	1.18	1.68	1.93	1.97	3.58	2.83	18.92	
TOTALS	25.60	18.28	17.66	26.42	18.08	18.79	23.18	23.03	17.20	26.43	214.47	
	D	D	D	D	D	D	D	D	D	D	D	

1956: Low but accept.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference T.F(53)143048

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Helpston	3/4 mi. N.W.	NNW.	Gilton	1 mi. ENE.

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
		✓	✓	✓	✓	✓