

## RAINFALL AT

Elton [Market Deeping]

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of

Northampton

Rain Gauge, by

Observer

J. C. Gilleley, Esq.

Rising Sun

Diameter ...									8		
Height .....									1-0		
Altitude ...									25 ft		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									.57	.60	
February ...									1.00	.27	
March .....									1.63	2.92	
April .....									1.87	1.34	
May .....									.98	.96	
June .....									1.23	2.90	
July .....									2.32	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 Flinton Church

1 mile E.N.E.

Halpston Station

6 furlongs W.N.W.

Pumping Station

72 ft N.W.

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.

W.A. Count. 1919

Copper Rain Gauge, by

Diameter ...	8											
Height .....	10											
Altitude ...	257											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTAL
January ...	1.55	.95	2.97	2.57	1.28	2.02	1.09	1.51	1.75	3.54		16.19
February ...	2.30	.91	1.22	.45	.93	2.08	3.36	.55	.89	2.37		7.97
March .....	.41	1.35	1.77	2.39	2.77	1.21	3.25	1.16	.61	2.75		7.77
April .....	2.14	.62	.05	1.79	.69	.65	.86	1.10	2.06	1.61		5.63
May .....	3.02	.70	3.91	2.35	.95	1.99	2.12	1.32	1.91	.65		6.00
June .....	.90	1.71	4.08	.59	2.30	.75	2.01	2.45	.29	.72		5.47
July .....	1.76	.09	7.27	.81	1.93	3.54	1.36	.97	3.67	2.91		8.91
August .....	1.94	1.26	6.76	1.15	1.61	2.49	3.62	5.92	1.26	1.94		12.74
September ..	.81	1.73	1.03	2.29	.77	.89	.76	1.32	4.07	1.47		7.62
October ...	1.47	1.59	2.12	2.66	2.88	1.17	1.66	2.49	1.58	1.52		7.25
November ..	2.26	2.14	1.40	2.18	2.21	3.29	3.25	.93	1.98	1.66		7.82
December ...	5.31	3.97	2.58	.87	4.29	3.74	2.58	.44	1.53	3.15		7.70
TOTALS ...	23.87	17.02	35.19	20.20	22.61	23.82	25.92	20.16	21.60	24.29		71.97
	2	2	2					2		2		26

1910 Pumping Station 29 ft high 72 ft NW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	52.3752N	0.1860W	Helpston M.R.	6 miles	WNW	Shilton	1 mile	ENE

RAINFALL at Market Deeping, EtonCounty of NorthamptonshireObserver W. H. A. Court Esq. C.E.River Basin Welland 5City Engineer PeterboroughGauge Copper Glazier Rain Gauge, by

Diameter ...	8												
Height .....	10												
Altitude ...	25								23				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930.		Totals
January ...	1.90	1.64	2.24	1.04	1.82	.74	2.65	1.62	2.86	1.17	1.85		17.53
February ...	.68	.52	1.79	3.17	.53	1.22	1.56	1.96	1.10	.78	.42		13.64
March .....	2.04	.47	1.38	1.66	.75	.60	.11	1.69	1.07	.10	1.52		11.37
April .....	3.91	1.00	2.47	1.48	1.65	1.47	2.00	2.00	1.00	.68	2.09		19.75
May .....	1.25	.99	1.34	.71	3.92	2.86	1.50	.67	1.56	.79	3.13		18.72
June .....	1.87	.40	.68	.49	2.00	.05	2.14	2.86	2.99	1.06	.18		14.72
July .....	2.90	.25	3.73	3.02	2.44	1.46	1.63	3.03	1.83	1.92	2.27		24.48
August .....	1.47	3.04	2.38	2.10	1.27	2.06	.68	2.61	1.13	.69	2.25		19.68
September...	1.76	.83	1.87	2.18	1.47	2.41	1.98	3.28	.43	.73	3.92		20.86
October .....	1.00	1.74	.79	2.52	4.43	2.46	2.31	2.07	3.34	2.76	.75		24.17
November...	.75	1.13	.94	1.49	2.02	1.56	3.02	2.34	1.88	3.58	2.72		21.43
December...	1.74	1.30	1.97	1.93	1.70	1.78	.50	1.82	1.63	3.81	2.01		20.17
TOTALS...	21.27	13.11	21.58	21.79	24.00	18.78	20.08	25.95	20.82	18.07	23.11		228.56

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

1930. G. read in Winter Summer 9 am.

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° 37' 52"	0° 18' 40"	Helpston	6 1/2	W.N.W.	Glinton	1 mi.	E.N.E.



RAINFALL at Market Deeping (Eton)County of NorthamptonshireObserver 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. 81457227

Diameter .....	8.											
Height .....	1.0.											
Altitude .....	25.											
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	1931-40
January .....	1.49	.81	.98	1.05	.90	2.73	2.70	2.12	4.18	1.47	18.43	
February .....	2.10	.40	1.51	.62	1.53	1.92	2.56	.73	.51	2.58	14.46	
March .....	.16	1.16	2.20	1.52	.35	1.04	2.76	.19	1.44	1.32	12.14	
April .....	2.33	2.18	.90	2.00	2.12	2.13	1.88	.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	.46	2.59	1.02	3.25	4.32	1.00	1.43	1.49	.85	18.20	
July .....	2.50	3.15	1.15	1.36	.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	.45	.33	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	

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.			Helpston LMS.	6.5 m.	N.W.	Glinton	1 mi.	E.N.E.

Station No. 1150

## RAINFALL at Market Deeping (Elton)

41

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

River Basin Welland-5

Type of Gauge Glainhet

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

File No. 8145/2/27

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. 12.46
February	1.82	.84	.33	1.64	1.36	1.66	.67	.54	.65	2.79		12.30
March	3.15	1.28	.63	.08	.53	.52	3.47	.36	.81	.47		11.30
April	.45	.51	1.00	2.72	.81	.98	1.59	1.17	2.10	1.66		12.99
May	2.60	2.28	1.97	.87	1.54	1.45	.70	2.58	1.75	1.86		17.60
June	.58	.78	1.91	2.27	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,  
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			Helston	6 fur	W.N.W.	Ginton	1 ml	E.N.E.

Station No. 1160

## RAINFALL at MARKET DEEPING (ETTON)

51

County of NORTHAMPTON

Observer E. J. Smith, Esq. C.E.  
L. H. Robjohn, M.B.E., A.M.I.C.E. (21-1-55)

River Basin WELAND - 5

Type of Gauge GABRIEL

Omitted 1955

Annual Average 21/8 in. based on years obs. un-weighted. Period of average 1916-1950 Ref.

Origin unknown

File No. 8.4572/27 P

20.68 in based on 35 years 1916-1950

Diameter in.	8											
Height ft.	10											
Altitude ft.	36											
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
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	2.93	20.52	
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 D	18.28 D	17.66 D	26.42 D	18.08 D	18.79 D	23.18 D	23.03 D	17.26 D	26.93 D	214.47	

1956: Low but accept.

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference TF(53)143048

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Helpston	3/4 mi. NW.	Glington	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
	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓