

RAINFALL AT Grantham Denton Hall

Lat.....

Lon.....

County of.....

Lincoln

Rain Gauge, by.....

Observer

Lieut. G. E. Wilby, 1st Regt. Buffs.Within - 3.

Diameter .....	.8											
Height	2											
Altitude	200											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January	1.20											
February	1.70											
March	1.37											
April .....	.78											
May .....	.40											
June	1.14											
July .....	.73											
August .....	.95											
September .....	.80											
October	3.20											
November	1.40											
December	2.41											
TOTALS	16.08	21.90	30.34									

C

RAINFALL AT *Grantham Denton Manor* 80

Lat. _____ Lon. _____ County of *Lincolnshire*

Rain Gauge, by _____ Observer *W. Welby Gregory Esq*

within - 3.

Diameter . . .							5				
Height							6 3				
Altitude							280				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							2.20	1.70	.74	1.54	
February . . . .							.17	.73	2.38	1.81	
March							1.78	1.18	2.90	3.30	
April							1.73	1.23	1.84	2.94	
May							5.00	2.01	.87	5.72	
June . . . . .							.45	.62	1.77	.59	
July							3.19	1.79	4.82	2.25	
August							2.06	1.04	2.50	3.77	
September							1.82	2.83	1.50	2.52	
October							4.91	1.84	.68	3.57	
November							2.42	2.24	3.68	.64	
December							3.02	1.43	1.65	1.78	
TOTALS							28.75	18.64	25.33	30.53	

*S + 2.75
(31.50)*

1886 "Snow in Jan, Feb, March + Dec? not properly measured, about 2.75 in. ought to be added making the total 31.50 in. (W.W.G.)"

RAINFALL AT *Grantham Denton Manor*

Lat. _____

Lon. _____

County of *Lincoln*

Rain Gauge, by _____

Observer *Sam W Welby Gregory Bart.*

Grantham - 3.

Diameter	5										
Height	4.6	1.6								4.0	
Altitude	280						275				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.36	1.73	1.13	1.46	1.72	3.42	1.11	1.95	.90	2.78	1.856
February . . . . .	.88	.09	2.07	2.97	1.90	.91	.55	2.97	.61	1.50	1.445
March	2.11	1.08	1.30	.41	.70	2.01	2.14	2.52	1.49	.64	1.440
April . . . . .	.56	2.60	1.20	.34	1.43	1.67	1.00	1.92	1.85	2.08	1.465
May	2.63	3.30	2.10	1.88	2.49	.61	.70	.94	2.81	3.29	2.095
June	1.90	1.77	2.47	1.02	2.13	1.06	3.15	2.37	1.63	1.20	1.890
July	2.10	2.72	2.28	2.68	2.97	2.66	2.17	2.16	1.15	2.29	2.218
August	2.04	3.19	1.67	1.68	3.71	1.51	1.54	4.61	2.85	.82	2.360
September	1.12	1.20	2.62	1.69	.87	.33	4.62	2.25	.45	2.88	1.803
October	1.19	4.67	5.40	1.78	2.84	3.39	4.55	1.15	3.03	2.47	3.049
November	3.72	3.14	1.10	2.20	2.20	3.24	1.61	1.15	2.52	1.48	2.236
December	1.10	3.05	.95	2.41	1.81	2.21	3.60	2.62	2.03	1.80	2.158
TOTALS	21.71	28.54	24.29	20.52	24.77	23.02	26.74	26.61	21.32	23.23	24.095

1891 Denton Church 1/3 of a mile E
 Gauge in centre of a walled garden of about an acre
 Gauge reduced in April to 1 ft 6

RAINFALL AT Grantham Denton Manor

Lat.

Lon.

County of Lincoln South

Rain Gauge, by

Observer S. C. G. E. Welby Bart M.P.

within - 3.

Diameter ..	5										
Height	4.0				1.0			3.0	1.0	3.0	
Altitude ..	275 T						310		320	310	
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.27	1.13	1.28	2.08	2.37		3.21	1.03	.91	.91	
February ..	4.77	1.69	1.42	.80	3.16		2.36	1.46	1.50	.63	
March ....	.90	1.96	1.40	3.71	2.16		1.44	1.35	2.58	3.89	
April	1.15	1.47	1.96	1.69	1.20		.70	2.29	2.13	1.16	
May	1.87	1.18	2.88	2.90	2.28		1.63	3.60	2.02	1.01	
June	2.45	.71	2.21	2.08	.65		2.37	2.25	1.01	2.39	
July	1.34	3.72	1.16	1.65	3.67		1.45	2.54	2.13	3.70	
August	4.01	1.42	3.65	5.01	2.63		1.26	2.58	2.75	2.51	
September ..	.64	1.29	1.02	2.90	1.88		1.17	.80	1.66	5.29	
October	2.28	1.57	2.33	5.90	.67		4.64	4.12	1.17	3.06	
November ..	2.06	1.60	1.92	1.96	1.04		3.43	1.82	1.05	.57	
December ..	4.32	4.60	1.94	1.21	1.90		2.79	3.01	1.39	4.08	
TOTALS ..	29.06	22.34	23.17	31.89	23.61	N.R.	26.45	26.85	20.30	29.20	

1900 Denton Church 1/4 mile E
 Grantham Station 4 1/2 NE

RAINFALL at Grantham Denton ManorCounty of LincolnshireObserver Sir C. R. E. Welby Bart. C.B.River Basin Witham &c 3

Rain Gauge, by _____

Diameter ...	5										
Height	3 0										
Altitude ...	310										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.88	1.51	3.22	3.11	1.58	2.72	.95	2.03	1.85	3.74	
February ...	2.94	1.63	1.34	.67	1.30	2.88	4.79	.70	1.62	2.43	
March .....	.88	1.65	3.00	4.02	2.73	.94	4.47	1.42	.89	3.82	
April	1.84	.77	.23	2.07	1.52	.90	1.46	1.35	1.80	1.69	
May	2.46	2.13	2.53	2.01	1.75	1.38	2.29	1.29	1.44	2.04	
June	1.75	2.22	3.65	1.39	2.69	1.18	1.43	1.43	.34	.85	
July	2.75	.22	4.95	.63	2.39	5.96	1.98	1.95	2.52	5.30	
August	2.96	1.71	5.39	.80	1.59	2.75	2.94	6.06	1.35	2.95	
September ..	1.05	1.26	1.18	2.26	.73	1.12	1.78	1.38	3.81	1.99	
October ...	2.37	2.26	2.21	4.07	2.53	1.12	1.78	3.32	1.54	1.64	
November ..	3.71	2.34	2.13	2.13	3.24	2.49	3.01	.94	1.86	1.75	
December ...	5.47	4.88	3.69	.96	4.55	4.59	2.50	.76	2.39	3.67	
TOTALS ...	30.01	22.08	33.52	24.12	26.60	28.03	29.38	22.63	21.41	31.87	
	?	?	?	?	?	?	?	?	?	?	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Grantham	4 1/2 m	NE	Denton	1/4 m	NE

RAINFALL at Grantham Denton ManorCounty of LincolnshireObserver Sir G. E. Kelly Bart. C.B.River Basin Witham & C. 3(1925) No. 0 Rain Gauge, by _____

Diameter ...	5"										
Height	3.0		1.0					0.9			1.0
Altitude ...	310										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mans.
January ...	2.03	1.75	2.50	1.39	1.89	1.66	2.69	1.96	4.14	1.50	3.02
February ...	1.31	.30	2.63	3.69	.90	2.18	1.28	2.00	1.64	.40	.59
March	2.90	.85	2.10	1.31	.57	1.06	.57	2.16	1.58	.14	1.72
April	4.65	1.04	3.20	1.74	2.04	1.23	2.08	1.84	.97	1.25	2.77
May	1.68	1.78	1.27	1.70	3.31	2.79	2.68	.88	1.73	1.24	2.50
June	2.65	1.59	1.24	.80	2.46	.14	2.24	3.59	2.73	1.60	.54
July	3.53	.55	4.68	3.84	2.74	1.55	2.53	2.08	1.26	1.07	3.40
August .....	.89	3.16	5.54	1.96	2.49	1.62	2.52	2.51	2.51	1.90	2.09
September...	1.50	.66	2.01	2.34	2.85	3.11	1.41	4.23	.54	.76	4.06
October	1.31	1.39	1.08	2.39	4.23	2.81	2.76	2.18	3.96	2.86	1.52
November...	.86	1.49	1.55	1.98	1.64	2.20	3.25	3.00	2.84	5.03	3.22
December...	2.26	1.34	2.96	2.66	2.03	1.92	.86	2.89	1.91	4.28	2.30
TOTALS...	25.57	15.90	30.76	25.80	27.15	22.27	24.87	29.32	25.84	22.33	27.73

1926. Kitchengarden walls, 12ft high, distant 25 yds, all round.

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

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° 54'	0° 24'	Grantham	4 1/4 mi	NE	Denton	1/4 mi	E

RAINFALL at Denton ManorCounty of LincolnshireObserver Sir C. G. E. Welby, Bt. C.B.River Basin Witham & C. 3Sir C. G. E. Welby, Bt. C.B.dated 3/38Type of Gauge Glaisher

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

75245821555/50

Diameter	5										
Height	10			9				30	24	2	
Altitude	310									280	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.07	1.11	2.02	2.05	1.75	3.64	3.20	2.48	4.78	1.60	
February	2.90	.67	2.34	.55	2.31	2.19	3.09	1.22	.48	2.70	
March	.44	1.91	2.92	1.88	.96	1.37	2.94	.25	2.11	2.16	
April	3.53	2.42	.83	2.21	2.73	1.73	2.79	.03	2.40	1.38	
May	2.81	5.04	1.42	.77	.56	.68	3.61	2.71	1.18	.81	
June	2.21	.89	1.69	.86	2.40	3.73	.49	1.39	2.78	1.42	
July	4.14	7.31	1.30	3.09	.22	5.48	5.48	2.89	4.68	3.10	
August	3.07	2.11	.59	1.91	1.40	1.11	1.11	4.09	4.16	.27	
September	2.81	2.23	1.96	1.12	4.80	3.12	1.11	2.52	.95	.69	
October	.58	3.18	2.77	.96	2.84	1.70	2.48	2.29	3.56	2.98	
November	2.21	1.78	2.18	2.15	4.54	2.72	1.31	2.32	3.35	6.23	
December	.89	.87	.33	1.30	2.78	1.83	2.38	4.71	1.64	1.63	
TOTALS	27.66	29.53	20.35	21.85	27.29	29.30	29.99	26.90	32.57	29.97	
	D	D	D	D	D	D	D	D	D	D	

Walls 10' high 25 yds away all round.

1939 Buick "Garden Walls" 12' to 16' high, 30 yds approx. all round.

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
			Grantham	4 1/4	NE.	Denton.	1/4	E

Station No. 2533

RAINFALL at Penton Manor

41

County of LincolnshireObserver Oliver
Sir C. B. & Welby Bart.River Basin Witham & L. 3p.p. Welby Totals - 1947.Type of Gauge Glaisher

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

File No. 753435/38

Diameter	5"											
Height	2' 6"											
Altitude	296'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.62	1.83	1.76				Resuming obs. 1/1/47.	#				
February	2.46	.76	1.06									
March	3.26	.83	1.13									
April	1.98	1.12	.61									
May	2.97	2.81	2.46									
June ....	.63	1.35	1.95									
July	3.26	2.52	1.06									
August	4.10	2.51	1.61									
September ....	.49	.91	1.40									
October	2.39	2.27	1.48									
November	(2.60)	1.94	1.27									
December	(.50)	1.60	.53									
TOTALS	(27.35)	20.45	16.62	NR	NR	NR	NR					
	n.p.	n.p. low.	n.p. low.									

1941. Part Jan. Nov & Dec. est'd. from map.

1942. n.p. low.

1943 n.p. low

1944-46. Not used kept. Report 1947

1948. Impossible to keep record - see h/o.

1910-19	1920-30	1931-40	1941-50
✓	✓	✓	41-43 n.p.
✓	✓	✓	

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			Grantham	4 m.	N.E.	Penton	1/4 m.	S.E.

BRITISH RAINFALL ORGANIZATION