

# RAINFALL AT Spilsby, East Real Manor

Lat.

Len.

County of Lincoln

Rain Gauge, by

Observer A. M. Wilson

Great Barn - 4.

Diameter .....										5	
Height .....										1 - 0	
Altitude .....										181 T	
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....											
February .....											
March .....										2.36	
April.....										1.06	1.51
May .....										1.29	2.38
June .....										1.61	1.73
July .....										2.17	.78
August .....										1.74	2.83
September....										5.17	2.75
October.....										4.41	
November....										.86	
December .....											
TOTALS .....										N.R.	

East Real Church 300 yards S.S.E

House 25ft high 42 ft N.N.W.

## RAINFALL AT Spilsby East Keal Rectory

Lat. .... Lon. .... County of N Lincolnshire

Gordon's Land and Zinc Rain Gauge, by  
Grade Seven.

Observer. Rev. R. H. Simpson

Diameter .....											5	
Height .....											07	
Altitude .....											200T	
Year .....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January .....								.88	1.22	.84		
February .....								.96	1.28	.51		
March .....								1.59	1.68	3.14		
April .....								1.95	2.63	1.88		
May .....								2.89	2.18	.95		
June .....								2.18	1.73	5.18		
July .....								1.64	3.01	4.29		
August .....								1.60	2.85	3.51		
September .....								.54	1.62	1.09		
October .....								5.46	.91	2.81		
November .....								1.93	1.01	.71		
December .....								2.79	1.59	4.07		
TOTALS .....								24.41	21.71	28.98		

1907 East Keal      1/2 mile E  
 Spilsby      2 1/4 mile N.E.  
 House on hill      40 ft high 40 yards E  
 Trees on other sides      60 -      H 1/2" 1/2 S + W  
 S 11" 1/2 S + W

## RAINFALL AT Spilsby East Keal Manse

Lat. ....

Lon. ....

County of

Lincoln North

Rain Gauge, by N.Y.Z.

Observer.

Alex M. Wilson Esq.

Great Law St.

Diameter ..	5										
Height ....	1 0										
Altitude ..	181										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MENS.
January ..	1.19	.92	2.10	1.70	.84	2.60	.87	1.32			
February ..	1.57	1.23	.39	2.77	.92	2.49	1.42	1.33			
March ....	1.20	1.42	3.13	1.73	1.96	2.85	1.58	2.02			
April .....	1.41	1.76	2.02	.76	1.49	.56	1.93	2.90			
May .....	1.18	3.06	2.71	1.60	.99	1.66	2.86	2.31			
June .....	1.98	2.27	3.63	1.41	.59	1.83	1.61	2.41	1.60		
July .....	.98	1.86	2.00	2.32	3.58	1.04	.27	1.64	3.18		
August .....	4.54	1.88	4.07	4.78	3.19	2.96	2.41	1.67	3.20		
September ..	.98	1.70	.98	3.59	2.52	2.23	.94	.60	1.59		
October....	2.47	2.99	2.53	6.04	.92	2.33	4.78	5.45	.97		
November ..	2.57	1.84	1.63	2.26	.85	2.28	3.71	2.09	1.05		
December ..	4.73	6.35	1.38	1.36	2.09	.63	1.83	3.02	1.72		
TOTALS ..		25.44	24.61	32.11	22.30	19.50	25.21	25.53	23.19		

D D D D D

1900 East Keal Church 350 yards S.S.E.  
 House 130 ft high 45° N.N.W.  
 Spilsby Station 2 miles NNE

## RAINFALL at Spilsby East Reval Rectory

County of Lincolnshire

Observer Rev R. H. Simpson

River Basin Great Eau + C 4

Ordinary Standard British Rain Gauge, by

Diameter ...	5										
Height .....	0 7										
Altitude ...	180 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.66	1.63	2.60	2.90	1.65	2.40	.84	2.23	1.66	2.72	
February ...	2.20	1.16	1.09	.65	.71	2.06	2.97	.99	1.11	2.58	
March .....	.50	1.76	1.97	1.87	2.58	1.19	2.68	1.13	.56	2.35	
April .....	2.41	1.19	.16	1.67	.90	.37	1.60	1.95	1.54	1.98	
May .....	2.47	.81	2.60	2.14	1.08	1.23	2.18	1.70	2.57	.68	
June .....	1.62	3.53	3.10	.64	2.23	.25	2.36	1.40	.87	.83	
July .....	2.73	.24	4.32	.80	1.02	5.25	1.78	1.01	2.71	2.65	
August .....	2.68	2.92	6.02	.54	1.17	3.58	2.39	5.20	1.65	3.12	
September ..	.67	2.17	1.88	2.50	.74	.54	1.03	1.09	4.06	2.02	
October ...	1.90	2.52	1.81	3.51	2.11	1.73	1.59	2.68	1.38	2.41	
November ...	2.90	2.65	2.65	1.80	2.25	3.12	2.68	(1.61)	1.60	2.28	
December ...	3.38	3.48	3.18	.60	4.02	4.92	3.12	1.22	3.19	3.56	
TOTALS ...	26.12	24.06	31.38	19.62	20.46	26.67	25.52	22.21	22.90	27.08	
	2	2	2	2	2	2	2	2	2	2	

1912 House 40 ft high 40 yds E  
 16 W  
 tree 50 ft - 11 - S + N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Spilsby	2½ m	NE	East Reval	½ m	E

## RAINFALL at Spilsby East-Keal Rectory

County of Lincolnshire

Observer Rev. R. H. Simpson

River Basin Great Eau &amp; C.H.

Ordinary Standard Rain Gauge, by

1921 A.D.

Old Gauge.

Diameter ...	5"						5"				
Height .....	0 7						0 6				1 0
Altitude ...	180						180				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MILLIM.
January ...	1.60	1.81	2.88	1.28	1.85	1.45	2.65	1.28	3.11	1.65	1.61
February ...	.89	.29	2.83	3.52	.93	1.63	1.75	1.80	1.34	.46	1.22
March .....	1.54	.66	1.73	1.93	.50	1.21	.41	2.07	1.23	.28	1.57
April.....	3.39	1.51	1.85	.78	1.43	1.65	1.54	1.72	1.23	.60	2.88
May .....	2.40	1.62	.47	1.85	2.42	3.65	2.65	1.17	1.30	.94	1.75
June .....	1.65	1.16	.65	1.47	1.96	.10	3.09	3.38	2.52	1.30	1.68
July .....	2.89	.41	4.25	2.89	2.15	.62	1.54	2.45	1.11	1.76	3.72
August .....	1.65	2.45	2.85	2.03	1.94	1.52	1.74	4.21	1.85	.79	2.17
September...	1.98	.51	2.48	2.81	2.16	2.68	.77	3.60	.41	.52	3.97
October.....	.84	1.82	1.24	1.74	3.98	2.05	1.96	2.08	3.61	2.33	1.41
November...	.58	1.36	.91	2.34	1.71	3.06	2.31	2.60	2.04	3.19	2.82
December ...	2.66	1.37	2.19	2.56	1.64	1.68	.58	2.69	1.86	3.24	1.56
TOTALS...	22.07	14.97	24.33	24.37	22.67	21.30	20.99	29.05	21.64	14.16	26.36

1928 overhelmed by tree appeared to be due low.

Moved to new site Jan 1929.

1930. This record terminated 31/12/30. & gauge replaces Glashier on new site. see file 749155/27  
gauge over shelteredPosition of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1920	53° 9' 0" S	1922° 0' 3" E	Spilsby	2 1/4 mi E.N.E.	East-Keal	1/2 mi E.N.E.

## RAINFALL at Spilsby, East Head Rectory. New Gauge

Woodlands from 1931.

County of Lincolnshire

Observer. Rev. R. H. Simpson

River Basin Great Gurney C. H.

Glossham Rain Gauge, by.....

Diameter .....										8
Height .....										0.6
Altitude .....										180
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1930
January .....										(1.78)
February .....										(1.36)
March .....										(1.80)
April .....										3.35
May .....										2.02
June .....										1.89
July .....										4.12
August .....										2.32
September .....										4.12
October .....										1.58
November .....										3.35
December .....										1.81
TOTALS .....										(29.50)

1930. Jan-March computed using old gauge. This gauge is 160 yds. due E of the gauge previously kept at East Head Rectory. In 1931 the M.O. gauge move at E. Head Rec. will be moved to the Woodlands site.

Chicken House 75.6 m high 15 yds. E.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1930			Spilsby	2½ min.	E.N.E.	East Head	1½ min.	E.N.E.

## RAINFALL at East Keal (Woodlands) (contd.)

County of Lincolnshire

Observer Rev. R. H. Simpson

River Basin Great Foss H

Type of Gauge M.O.

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

Ref.

749135/27

Diameter	5 8	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	0.6			1.0								
Altitude	180											
Year												
January	2.50	1.06	1.42	1.48	2.37	2.89	3.64	2.23	3.74	1.63		
February	2.19	.86	2.01	.93	2.07	2.23	2.44	.83	.42	2.15		
March	.66	1.64	2.62	1.79	.37	.92	2.89	.17	2.23	1.61		
April	2.62	3.00	1.08	1.80	2.99	1.62	2.89	.28	2.33	1.21		
May	1.72	3.66	1.54	.87	.39	.92	4.00	2.06	1.27	.98		
June	2.59	.47	3.29	.96	2.05	3.27	1.46	.98	2.00	.66		
July	4.96	3.72	1.46	1.05	.56	4.60	1.80	2.95	3.03	6.00		
August	4.35	1.84	.62	2.04	1.96	1.32	.88	3.61	1.09	.92		
September	2.17	2.22	1.61	1.59	3.03	1.49	1.20	2.74	1.27	1.10		
October	.86	3.44	3.12	1.64	3.05	2.27	1.26	2.74	4.26	2.65		
November	1.92	.71	2.30	1.86	3.75	2.42	1.94	2.11	4.39	3.65		
December	1.26	.73	.64	3.56	2.42	1.18	2.83	4.17	2.70	1.64		
TOTALS	27.80	24.35	21.71	19.57	25.01	25.13	26.76	24.87	29.93	24.20		
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

1931. Chicken house 7'6" high 15 yards E.

1932. The gauge is well exposed.

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.			Spilsby	2.6m	N.E.	East Keal	2.8m	N.E.

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

Station No. 2602

## RAINFALL at East Keal Rectory

41

County of Lincolnshire Observer Rev. R.H. Simpson  
 River Basin Great Eau & E. 4  
 Type of Gauge in. o.

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

Ref.

File No. 749/35/27

Diameter	5"										
Height	1' 0"										
Altitude	180'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.91	2.71	4.80	2.44							
February	2.50	1.33	54	2.70							
March	2.94	1.33	48	.42							
April	.52	.64	1.10	2.01							
May	1.81	3.44	2.18	3.06							
June	3.0	1.22	2.47	2.18							
July	4.50	3.32	1.39	2.46							
August	4.06	1.58	2.20	2.90							
September	.69	1.25	2.06	4.36							
October	2.56	2.16	.82	3.06							
November	2.99	2.36	3.06	4.07							
December	.53	1.72	.77	1.22	#						
TOTALS	25.31	23.05	21.87	30.88							
	D	D	D	D							

1941 Gauge moved 30yds. E. in July.

1942 Gauge moved 17 yds W. on April 1st 1 beech tree 50' high 20 yards W.

Walnut tree 40' high 10yds. S.E. Yew tree 20' high, 10 yds. N.West.

Records terminated on death of obs.

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.
1942			Spilsby	2 1/4 m.	ENE	East Keal	1/2 m. E.