

RAINFALL AT Kirkstead Woodhall Spa

Lat. _____ Lon. _____ County of Lincoln

Rain Gauge, by _____ Observer C. J. Williams Esq M.D.
Witham - 3.

Diameter			5								
Height			1 0								
Altitude			375'								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....			.72	1.44	1.78	2.41	.97	2.44	.98	2.36	
February			2.04	2.37	1.38	.00	.00	2.60	.60	1.14	
March			1.03	.42	.64	3.04	2.11	1.92	1.20	.57	
April			1.48	.22	2.08	1.29	.71	1.36	2.48	2.27	
May			1.95	.67	1.44	.79	.79	1.20	1.96	2.68	
June			2.36	1.73	2.40	1.43	2.04	1.96	1.78	2.46	
July			2.49	2.51	4.46	3.17	1.69	.89	.46	.72	
August			1.39	1.28	2.83	2.28	.95	2.98	2.70	.53	
September....			1.98	1.12	.73	.30	3.53	2.34	.36	2.46	
October			5.07	1.37	2.51	2.06	3.39	.53	2.70	2.38	
November....			1.93	2.46	2.30	2.81	.96	2.36	1.77	1.07	
December ....			.22	1.88	1.78	2.20	3.69	1.74	2.08	2.09	
TOTALS			22.66	17.47	24.33	21.78	20.83	22.32	19.07	20.73	

1892 Langton St Andrews 517 yards W
Plum tree 8 ft high 20 ft SE
1895 St Peters Church 200 yards S

RAINFALL AT *Kirkstead Woodhall Spa*

Lat.

Lon.

County of *Lincoln*

North

Rain Gauge, by

Observer *C. J. Williams Esq. M.D.*

Witham - 3.

Diameter ..	5										
Height	1 0										
Altitude ..	37 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	2.75	.57	.72	1.58							
March	4.06	1.51	1.38	.39							
April .....	.43	1.26	1.38	3.13							
May	2.04	1.22	1.40	1.42							
June .....	.94	1.33	2.82	1.97							
July	2.49	1.17	2.24	.85							
August	1.24	2.55	1.49	2.03							
September ..	3.67	2.35	3.02	4.44							
October .....	.83	1.18	.77	3.33							
November ..	2.30	1.96	2.25	5.73							
December ..	2.07	1.77	1.41	1.67							
	3.28	4.33	1.34	1.01							
TOTALS ..	26.10	21.20	20.22	27.55							

RAINFALL AT

Woodhall Spa Galm House

Lat. _____

Lon. _____

County of N. Lincoln

Copper Sweden

Rain Gauge, by

N+3

Observer

J. Collins

Wisham - 3.

Diameter ...									5		
Height									10		
Altitude ...									72		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									1.14	1.17	
February ...									1.34	.45	
March									2.01	3.57	
April									2.11	1.41	
May									1.43	1.12	
June									1.81	2.84	
July									2.52	3.89	
August									2.20	3.82	
September ..									1.36	1.32	
October ...									1.08	2.56	
November ..									1.18	.43	
December ...									1.44	4.46	
TOTALS ...									19.72	27.05	

1908 St. Peter's Church
Woodhall Spa Station
House 20 ft high

100 yards
1/4 mile
10 yards

S
W
N

RAINFALL at Woodhall Spa Galm HouseCounty of LincolnshireObserver J. Collins EsqRiver Basin Witham &c 3Snowdon Rain Gauge, by N43

Diameter ...	5										
Height	1 0							1 6			
Altitude ...	72										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.74	1.51	3.00	2.57	1.29	2.38	.72	2.94	1.70	2.75	
February ...	2.13	.97	1.19	.62	.72	2.47	3.82	1.13	1.34	1.86	
March .....	.54	1.97	2.04	2.37	2.11	1.47	3.93	1.65	.69	2.20	
April	1.68	1.31	.23	1.74	.92	.46	1.53	2.25	1.08	1.94	
May	2.71	1.39	1.60	2.06	1.01	1.57	2.27	1.56	2.51	.73	
June	2.25	3.53	4.03	.96	1.95	.63	1.94	1.35	.87	1.19	
July	2.44	.38	4.31	.59	2.28	6.19	2.01	1.22	2.23	3.57	
August	3.10	2.21	5.67	.69	.93	2.53	3.90	4.59	1.86	2.80	
September ..	.48	1.76	1.61	1.64	.86	.83	1.22	.87	3.34	2.02	
October ...	1.32	1.77	1.89	4.81	1.96	1.24	1.77	2.93	1.41	2.08	
November ...	2.58	2.23	2.69	2.05	2.23	2.05	2.48	1.44	1.69	1.86	
December ...	3.26	3.55	2.77	.47	4.52	4.77	2.56	1.40	2.61	3.14	
TOTALS ...	24.23	22.58	31.03	20.57	20.78	26.59	28.15	23.33	21.33	26.14	
	3	2	3	2	2	2	2	2	2	2	

1912 House 20 ft high 20

N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Woodhall	200 yds 1/2 m	W	St Peter's	50 yds 160 yds	E

RAINFALL at *Woodhall Spa Galm^{any} House*County of *Lincolnshire*Observer *J. Collins Esq.*River Basin *Witham & C. 3.**Snowdon* Rain Gauge, by *Mozg.*

Diameter ...	5"										
Height	1	6									
Altitude ...	72									238.	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	1.50	2.00	2.13	1.52	1.90	1.34	2.20	1.25	2.85	1.60	2.04
February ...	1.15	.27	2.16	3.01	.87	1.85	1.39	1.67	1.12	.58	.81
March	2.72	.73	1.80	1.58	.48	1.04	.52	1.73	1.76	.32	2.06
April	3.90	1.13	1.77	.79	1.32	1.37	1.99	2.12	1.10	.64	2.82
May	4.45	1.54	.86	1.60	3.09	3.16	1.78	.80	1.41	1.01	1.63
June	1.61	.71	.93	.47	1.19	.08	2.58	3.00	2.43	1.10	.90
July	2.49	.35	5.32	1.94	1.96	.73	1.78	2.53	1.05	1.84	3.53
August	1.19	3.58	2.95	2.03	2.86	2.11	2.07	2.62	2.03	1.24	2.84
September...	1.56	.59	2.77	2.55	1.99	2.53	.84	4.47	.52	.53	3.15
October	1.51	2.04	1.03	1.61	3.27	2.66	1.89	1.63	3.31	2.45	1.28
November...	.53	1.38	1.07	2.28	1.56	2.99	2.39	2.94	1.84	3.90	3.01
December...	2.27	1.42	2.68	2.44	2.07	1.51	.71	2.49	1.81	3.91	1.64
TOTALS...	24.88	15.74	25.17	21.82	22.56	21.37	20.14	27.25	21.23	19.12	25.71

1922. House 20 ft. high 20 N.
 1927. Trees 20 " " 20 ft. S.E. & W.

Position of Station on reduced Ordnance Survey
Map, 2 miles 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
			Woodhall	1/4 mi	W	St. Peter's	160 yds	S.

RAINFALL at Woodhall SpaCounty of LincolnshireObserver Engineers & Surveyors per J. Collins Esq.River Basin Witham & C 3

Rain Gauge, by _____

Diameter ...								5		5	
Height								1.0		1.0	
Altitude ...								75	84	40	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...									3.59	1.73	2.16
February ...									1.41	.54	.74
March									1.80	.30	2.11
April									1.14	.66	2.89
May									1.43	.94	1.59
June									2.14	1.08	.83
July									1.06	2.07	3.48
August									1.93	1.18	2.80
September...									.39	.51	3.36
October								imp	3.77	2.46	1.50
November...								2.94	2.05	3.98	3.11
December...								2.49	2.14	4.15	1.70
TOTALS...								imp D	22.91 D	19.63 D	26.27 D

1929. Gauge moved on March 26th. $1\frac{1}{2}$ mls W.

Hotel 40ft high 75ft E. House 20ft high 36ft. N.W.W. Fence 40ft high 34ft. W.

Position of Station on reduced Ordnance Survey
Map, 2 miles 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
			Woodhall Spa	120 yds	W.	St. Peter's.	50 yds	S.S.W.

RAINFALL at Woodhall Spa (Galen House)

County of LincolnshireObserver J. Collins, Esq.River Basin Witham & C. 3

Type of Gauge

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

878168/29.

Diameter	5											
Height	1 6			1 0	1 0							
Altitude	38				40							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.43	.65	1.76	1.53	2.21		3.17					
February	2.37	.69	2.21	1.03	1.72		2.44					
March	.61	1.45	2.16	1.39	.35		2.14					
April	2.77	2.27	1.40	1.62	2.73		2.32					
May	2.21	4.36	1.58	.90	.21		3.64					
June	2.26	.34	1.52	.96	1.57		1.31					
July	4.64	2.58	1.77	1.73	.34		2.54					
August	3.86	1.52	.41	2.30	2.19		.93					
September	2.53	1.93	1.59	1.25	3.75		1.35					
October	.80	3.46	3.19	.81	2.75		1.77					
November	1.96	1.57	2.27	1.65	3.73		1.30					
December	1.48	.75	.45	8.72	2.25		2.10					
TOTALS	27.92	21.57	20.31	18.89	23.80	NR.	25.01				NR.	
	D.	D.	D.	D.	D.		P. plate					

1931. Gauge 25' high 20' N. Sledge 5' high 10' E.

1933. Gauge 40' 75' E.

1937. No record kept during 1936, but will do so in future as a check on the 2554.

1937. No late.

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
1931			Woodhall Spa	250 yds.	N.	St. Peter's	(193+75 ft) 120 yds	S.S.W.

RAINFALL at Woodhall SpaCounty of LincolnshireObserver J. Collins, Esq.River Basin Witham & C 3Type of Gauge M.O.

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

895168/29. 485427/36

Diameter	5				5'							
Height	1 0				1' 6"							
Altitude	40				40	40'						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.50	.69	1.45	1.53	2.22	2.66						
February	2.40	.58	2.15	1.14	1.70	2.17						
March	.54	1.40	2.14	1.40	.34	1.11						
April	2.81	2.26	1.47	1.62	2.71	1.73						
May	2.05	4.40	1.58	.88	.21	.80						
June	2.16	.37	1.47	.92	1.48	3.90						
July	4.30	2.60	1.77	1.66	.33	5.61						
August	4.06	1.54	.41	2.26	2.13	1.04						
September	2.54	2.09	1.56	1.21	3.79	1.92						
October	.74	3.52	3.19	.79	2.74	2.51						
November	2.04	1.71	2.41	1.67	3.65	2.06						
December	1.42	.67	.45	3.67	2.26	1.95						
TOTALS	27.56	21.83	20.05	18.75	23.56	27.46						
	d.	2	2	2	2	2						

1931. House 20' high 35' W.N.W. Hotel 40' high 75'E. Hedge 6' high 32'W. Hedges 4' high 45'W.
 inspected. 21/10/35. Wt given in inspection as 40 lb. Gauge & site satisfactory. Meas.
 broken. New measure recommended.
 Inspected 28/9/36. No change.

1936 Hotel 40' high, 75'E.

Inspected 14.11.37 D.K. M.W.R. Station

Inspected May 1938. No gauge badly damaged and an old gauge in use. New gauge had yet to be
 sent to change of class.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
1931.			Woodhall Spa	200+	W.	St. Peter's	180 yds 50	S.W.