

RAINFALL AT

Royston Earls Hill House

Lat.

Lon.

County of Herts

Rain Gauge, by N & J d: 1619

Observer J Phillips Esq JP

Ch - Duece

M. W. Jones

Diameter ..							8			
Height ..							1. 1			
Altitude ..							225			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..							2.70	.93	1.03	.79
February ..							1.91	1.34	1.14	.34
March ..							2.07	.93	2.53	2.96
April.....							1.00	2.93	2.93	1.38
May							1.18	3.26	1.30	1.65
June							3.49	1.45	1.98	3.83
July66	2.28	3.08	3.66
August							1.07	2.35	2.17	2.22
September..							1.08	.72	1.29	2.06
October....							3.63	2.67	1.12	4.07
November..							4.08	2.18	.87	.81
December ..							2.44	3.04	1.76	2.96
TOTALS ..							25.31	24.08	21.20	26.73

1906 Royston Church 363 yards E

" Station 640 - N

Wall 9' 9" high 14' 6" - N

8' 0" - 31' 0" - W

RAINFALL at Royton Park Hill HouseCounty of HertfordshireObserver J Phillips EsqRiver Basin Clare 4

Rain Gauge, by N+3 N+1619

Diameter ...	8											
Height	1.6										1.3	
Altitude ...	225 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.61	1.31	3.57	2.72	1.03	3.16	1.01	1.56	2.18	3.90		
February ...	2.31	3.02	1.26	.69	1.67	2.77	3.68	.61	.77	3.29		8.35
March93	2.12	3.00	2.10	3.37	1.72	4.43	1.58	.73	2.42		9.16
April	2.36	.89	.19	1.97	.99	.92	1.27	1.44	3.33	3.87		9.91
May	3.07	1.39	1.63	1.87	1.04	1.84	2.89	2.50	1.87	.30		7.56
June	1.65	2.22	3.45	1.37	1.70	1.23	2.24	2.69	.72	1.43		7.08
July	1.81	.38	1.79	2.47	2.56	3.57	1.39	5.31	2.54	3.28		12.52
August	1.52	.67	6.07	1.01	1.08	3.14	2.76	4.49	.95	2.43		10.63
September ..	1.10	1.12	2.26	1.95	.84	1.37	.68	1.58	5.69	1.08		9.02
October ...	2.71	2.50	1.99	3.08	1.93	1.64	2.40	3.75	1.16	.56		7.87
November ...	3.41	2.63	1.94	1.77	3.00	1.97	3.40	1.38	2.10	1.74		8.62
December ...	3.98	4.29	2.47	.98	6.27	3.90	2.66	.72	2.08	3.95		9.41
TOTALS ...	26.46	20.54	29.62	21.98	25.48	27.23	28.81	27.61	24.11	28.25		108.70
	7	7	7	7	7	7	7	7	7	7		7

1910 Wall 9.6+8 ft high 39.14+80 ft E.N.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Royton S.R.R.	1 mile	N	Royton	300 yds	E

982
20RAINFALL at Roxton Earls Hill House

County of Hertfordshire

Observer J. Phillips Esq. died 24.10.25

River Basin Guse 4

C.E.C.M. Princip. P.S.O.

Glashee Rain Gauge, by No. 9 N° 1619.

Diameter ...	S	B										
Height	1 3	1 3										
Altitude ...	225	225										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	
January ...	2.25	2.36	2.49	1.24	2.51	.98	2.50	2.42	2.72	1.45	2.32	23.24
February82	.28	1.73	2.85	.62	3.16	2.39	3.27	1.36	.69	.53	17.20
March	1.33	1.29	1.92	1.91	.79	1.20	.20	2.06	1.24	.07	1.47	13.48
April.....	3.36	1.38	2.84	1.34	2.69	1.39	3.00	1.75	.94	1.64	1.95	22.28
May	1.74	1.14	1.35	1.25	4.36	2.23	2.14	1.10	1.68	1.66	2.81	21.66
June	1.34	.64	1.04	.68	2.00	.31	2.51	2.57	2.02	1.09	1.00	15.20
July	3.46	.27	3.98	2.63	4.00	2.36	2.76	2.46	2.46	2.71	2.72	29.81
August	1.02	.84	2.61	4.02	2.07	2.40	1.20	3.03	2.28	.59	2.38	22.44
September...	2.11	1.28	2.65	2.41	2.87	2.64	2.09	4.30	.63	.24	4.15	25.37
October.....	.72	.78	.76	3.53	3.77	2.96	2.48	1.62	2.94	3.15	1.03	23.74
November...	.75	1.68	1.27	1.34	2.66	1.80	3.45	2.57	1.74	4.79	4.19	26.24
December...	1.75	1.36	1.97	2.15	2.90	1.59	.34	2.71	2.49	4.23	2.69	24.28
TOTALS...	20.15	13.30	24.61	25.35	31.24	23.02	25.06	29.36	22.50	22.41	27.24	264.74

1920. walls 9.6.8 ft high 39.14.30 ft E.N.W.

1930. S. read 9 am winter & summer.

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	Parish Church.	Distance from gauge	Direction
1920			Roxton	1/2 mi	N.	St. John Baptist	300 yds	E.

RAINFALL at Raystang (Earls Hill House).

County of Hertfordshire

Observer Col. E.C.M. Phillips, D.S.O.

River Basin Ouse - 4

Type of Gauge Gairdner No. 9. N.H.B. 1919.

Annual Average 25.6 in. based on 27 years obs. unweighted. Period of average 1881-1915. Ref. S.

Diameter	8.												Total 13. Means
Height	1.3.												
Altitude	225												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940			
January	1.85	1.16	1.18	1.49	2.02	3.31	3.85	2.53	4.46	1.82	23.67		
February	1.97	.87	1.93	.50	2.19	2.14	2.94	.43	.58	1.73	14.78		
March	.17	1.80	1.61	1.63	.55	.72	3.84	.36	2.08	2.92	15.68		
April	3.23	2.83	1.03	1.78	2.81	1.53	2.67	.35	2.98	1.47	20.18		
May	2.54	4.89	1.85	.63	1.36	.78	2.72	2.30	1.49	1.25	19.51		
June	1.49	.73	2.03	1.02	2.78	4.57	2.19	.61	1.72	.38	17.72		
July	4.96	1.81	.80	1.87	1.39	5.39	2.38	1.29	1.61	4.16	25.66		
August	3.94	2.41	1.19	1.92	1.05	.48	2.45	1.92	2.62	.16	18.14		
September	2.26	1.66	2.60	1.27	3.68	3.08	2.02	2.34	1.73	-4.7	21.11		
October	.69	4.21	1.70	1.82	2.39	1.47	2.97	2.61	4.62	2.25	24.73		
November	2.58	1.73	1.40	.90	3.82	2.90	1.82	2.56	3.47	6.58	28.87		
December	.70	.38	.48	3.34	2.20	1.57	2.75	3.09	1.13	1.46	17.10		
TOTALS	26.38	23.18	17.80	19.47	26.25	27.94	32.60	20.39	28.49	24.65	247.15		

1931. Waller, 100 ft high 14.45. N.

9 - 39 - E.

8 - 30 - W.

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			Raystang	½ mi.	N.	St. John Baptist	¾ mi. E.

Station No. 982

RAINFALL at Royston (Carls Hill House)

41

County of Hertfordshire

Observer G. E. B. M. Phillips D.S.O.

River Basin Thames

Type of Gauge glass

Annual Average 2.3 in. based on 27 years obs. un-weighted. Period of average 1891-1915 Ref. S.

File No. E.130/42

Diameter	9"		182	564							
Height	1' 3"				1						
Altitude	225'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.27	2.32	4.21	1.33	1.98	1.46	1.43	3.42	1.20	1.02	Totals 20.64
February	1.92	.96	1.03	.95	1.29	1.96	1.59	.88	1.26	3.04	14.90
March	3.13	1.21	.61	.25	.60	1.45	4.75	.88	.96	.52	14.36
April	1.26	.80	.93	1.46	.96	1.36	1.93	1.45	1.65	1.75	13.55
May	2.12	2.21	1.78	1.18	2.26	2.26	.87	3.16	1.90	2.49	20.23
June	.85	1.72	2.52	1.28	1.80	3.13	2.03	3.16	.95	1.19	18.53
July	2.10	2.65	.61	1.54	2.85	2.98	2.04	1.35	2.56	5.56	24.24
August	3.64	1.17	1.78	2.20	1.72	3.19	.02	4.36	.88	3.20	22.16
September	1.01	1.06	1.14	2.81	2.90	2.65	1.01	1.80	.38	2.74	17.50
October	2.54	3.44	2.24	3.47	2.32	1.52	.20	2.13	4.00	.37	22.23
November	2.41	2.24	1.22	3.07	.24	4.70	1.15	1.31	2.31	4.40	23.05
December	1.32	2.12	1.11	.97	2.55	1.84	2.78	1.92	1.56	1.24	17.41
TOTALS	24.57	21.92	19.18	20.51	21.47	28.50	19.80	25.82	19.61	27.52	228.90

941 Wall 6' high 14' N. Wall 9' high 39' E. Wall 8' high 30' W.

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
1941			Royston LNER	1/2 mi	N.	St John Baptist	400 yds E.

BRITISH RAINFALL ORGANIZATION

Station No. 982

T.

RAINFALL at ROYSTON (CARLS HILL HOUSE)

County of HERTFORDSHIRE

Observer Col. E.C.M. PHILLIPS, D.S.O.,
1

River Basin GOUSE - K

Type of Gauge GASHFER

Annual Average 23.6 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S
 24.27 " " 35 " " 1916-1950 1916-1959 P
 File No. 1430/463

Diameter ...	8"			182	564						
Height ...	1' 3"					1					
Altitude ...	225'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.73	1.65	.89	1.84	2.44	3.30	1.17	2.41			
February	4.04	.59	1.64	2.02	1.55	.80	2.35	2.67			
March	3.20	3.51	.48	2.25	1.39	.65	1.19	1.15			
April	2.47	1.15	2.15	.23	.54	1.24	.26	1.07			
May	2.63	2.07	1.80	2.68	3.58	.44	1.10	2.43			
June	1.16	1.33	1.82	2.07	2.09	2.63	2.30	6.91			
July	1.28	.69	2.54	2.90	.26	2.67	2.68	2.23			
August	4.46	4.72	2.45	3.12	1.55	4.00	2.36	2.43			
September	2.12	2.78	2.40	1.41	1.55	2.06	3.20	2.68			
October	1.11	2.22	2.84	2.00	3.02	1.48	2.04	2.52	*		
November	3.83	3.34	1.58	1.03	1.34	1.06	2.02				
December	1.65	1.96	.58	1.96	2.05	2.89	2.17				
TOTALS ...	30.68	26.01	21.17	25.51	21.36	23.22	22.84				
	D	D	D	D	D	D	D				

1951 2 walls 12' x 4' N+S sep.

Inspired 17.12.52 Mr. P.W.G. Deeks. Gauge not tested. Measure flat-bottomed. Site satisfactory.
1958-Terminated - have cold.

Position of Station on Ordnance One-Inch map : No. of Map 148 National Grid Reference J-1 (50) 255 607

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Royston	1/2 mi	N	Royston	1/2 mi E

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
		/	/	/	/	/