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3443RAINFALL at Northallerton <sup>Harley</sup>  
Harley Hall

County of N.R. Yorkshire

Observer

Constantine Eg

River Basin Ouse Swale 2

Swindon Rain Gauge, by Howard Wilson

Diameter ...					5								
Height .....					1.0								
Altitude ...					320	370							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		MEANS	TOTALS
January ...					1.59	3.04	.50	2.86	2.01	2.39		7.76	
February ...					1.75	2.59	3.00	.71	1.61	1.44		6.76	
March .....					1.74	1.83	3.47	1.86	1.14	2.74		9.21	
April .....					.55	1.03	1.44	2.17	1.64	1.85		7.10	
May .....					1.61	1.71	2.5	X .74	1.74	.77		5.76	
June.....					4.00	.51	2.72	2.25	.65	1.33		7.05	
July .....					4.45	4.05	2.69	1.18	4.66	2.31		10.84	
August.....					1.19	3.14	1.43	6.64	2.56	2.58		13.21	
September ..					1.50	.75	2.17	.46	5.03	.73		8.39	
October ...					1.85	.93	2.97	2.68	2.20	5.69		13.54	
November ..					2.49	1.47	1.57	1.33	1.03	3.10		7.03	
December...					4.16	4.48	2.04	1.97	3.34	2.67		10.02	
TOTALS ...					26.88	25.53	26.51	24.95	27.61	27.60		106.67	

1915 Trees 24-33 ft high 39-66 ft S.N.E  
Boulders 28 " " 66 " E

1916 - may corroborate ref to below 1090. 1828. 11.5.43.

N.B. annual values repeated from Survey March 1929.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Wetherby	2 m	NW	E Harley	108 yds	E

## RAINFALL at East Harlesy Harlesy Hall

County of N. R. Yorkshire

Observer J. Constantine Esq.

River Basin Ure-Swale 2

W. W. Constantine (1922)

Snowdon Rain Gauge, by Howard Wilson

W. W. Constantine (1925)

W. W. Constantine (1925)

Diameter ...	5"	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<sup>1930</sup> Max.	1920-30 Totals
Height .....	1 o												
Altitude ...	370												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929			
January ...	3.11	3.07	2.42	1.12	1.61	1.46	2.41	1.86	3.43	1.97	3.86	26.32	
February ...	.96	.22	1.67	2.83	.69	2.67	1.21	.96	1.06	.52	2.72	15.56	
March .....	2.75	1.09	1.79	1.03	1.12	1.45	.75	2.32	1.90	.42	2.94	17.56	
April.....	2.98	1.20	1.91	1.58	2.11	2.64	.82	2.09	.66	.89	2.68	19.56	
May .....	2.32	1.40	2.55	2.79	4.28	2.79	2.27	1.45	1.29	1.89	1.21	23.94	
June .....	1.13	.41	2.00	.78	2.64	.20	2.80	2.43	3.76	1.46	1.59	19.20	
July .....	4.95	1.48	4.30	1.56	2.41	2.58	2.96	3.89	.85	1.90	9.10	35.98	
August .....	1.55	4.58	2.36	3.06	2.98	2.56	2.38	6.71	4.44	2.62	3.38	36.62	
September...	1.28	.92	2.60	2.58	1.83	2.49	1.79	4.78	.48	1.14	3.63	23.52	
October.....	1.62	1.10	2.07	2.49	3.73	2.53	2.78	2.28	2.82	2.71	2.12	26.15	
November...	1.00	1.93	.90	3.58	.93	1.62	3.83	2.48	2.14	2.79	2.91	24.11	
December...	2.53	2.07	2.87	2.21	2.95	3.44	.79	1.63	1.20	3.31	2.00	25.00	
TOTALS...	26.08	19.47	27.44	35.66	27.28	26.43	24.79	32.88	24.03	21.32	38.14	293.52	
	<u>D</u>												

N.B. Annual values rejected from Survey Map. 1929.

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
			Wesbury	2 mi	NW	E. Harlesy	108 yds	E

## RAINFALL at East Hartley (Hartley Hall)

County of North Riding,

Observer Mrs. Constantine,

River Basin Outer Swale - 2

Type of Gauge

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

Ref.

927894/29

Diameter											1931-40 Means Totals
Height	ft.										
Altitude	370.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.04	1.35	2.19	.91	2.42	3.36	2.81	2.38	3.55	1.64	22.65
February	1.24	1.03	4.74	1.47	2.70	2.47	3.40	1.60	1.42	1.14	20.21
March	1.17	1.81	1.74	1.76	.90	2.33	3.24	.20	2.18	2.59	17.95
April	4.21	1.26	1.11	3.00	2.97	1.12	2.89	.18	1.02	2.03	19.79
May	2.36	4.96	2.24	1.33	1.09	1.72	2.90	3.61	2.15	.94	23.30
June	4.32	.89	2.01	1.98	2.80	5.51	1.56	1.88	2.34	1.00	24.29
July	4.67	4.78	2.01	2.53	.74	3.27	1.06	2.60	3.36	6.61	31.63
August	3.01	1.98	.49	2.20	2.14	1.84	1.24	3.29	2.31	1.07	19.57
September	4.88	2.58	1.52	2.11	5.14	5.77	1.26	1.88	1.81	1.43	28.38
October	1.21	3.56	3.86	2.55	3.50	1.77	1.52	3.74	4.01	2.53	28.25
November	2.94	1.46	3.38	2.01	5.06	2.53	3.09	2.98	2.06	3.44	28.95
December	.99	1.04	1.34	4.23	2.16	1.66	4.34	3.67	1.66	2.20	23.32
TOTALS	33.04	26.70	26.63	25.08	31.62	33.35	29.37	28.01	27.87	26.62	288.29
D	D	D	D	D	D	d	a	d	d	d	

1931. Holly bush 30' high 15 yds N.

1936. House 25' high 25 yds E.

Trees 20' .. 15 yds E.

NB Elevation from Survey as 1" too low

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			Welbury	2	NW	Hartley	100 yds E

Station No. 3443

## RAINFALL at East Harlsey (Harlsey Hall)

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County of North Riding Observer Mrs Constantine

River Basin Ouse-Swale-2

Type of Gauge Standard

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

Ref.

File No. 927894/29

Diameter	5"	054	036								1941-50 Means
Height	1' 0"			1' 2"		1' 2"					
Altitude	370'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	
January	2.80	1.96	2.95	1.58	4.94	1.25	1.61	4.57	.63	1.07	23.36
February	2.94	1.62	.61	2.47	1.59	.68	1.32	.87	.42	3.07	15.85
March	2.08	2.27	.43	.66	.36	1.07	3.04	.95	1.26	.88	13.00
April	.92	.62	1.03	1.88	1.12	2.10	2.79	.94	2.45	2.43	16.28
May	2.60	2.43	2.24	1.07	2.75	2.21	1.95	1.60	1.11	1.10	19.06
June	.39	1.10	1.42	2.35	2.57	1.87	2.93	5.14	.76	1.08	20.20
July	2.09	2.57	1.05	2.45	1.57	5.12	1.47	1.21	1.88	2.76	22.17
August	2.69	2.69	2.67	3.37	5.52	4.33	.19	3.02	2.39	4.73	31.50
September	.77	2.36	3.99	4.42	1.59	3.89	2.01	1.86	.36	2.76	24.01
October	3.47	2.45	1.79	2.80	3.37	1.00	.58	.92	2.19	1.27	19.84
November	3.72	1.54	2.28	4.08	.78	3.80	2.01	1.13	3.17	4.71	27.22
December	.40	1.59	1.06	1.39	1.31	2.71	1.83	2.13	2.01	2.40	16.83
TOTALS	24.77	23.29	21.58	28.52	27.47	21.23	21.73	24.34	18.63	28.76	249.32

1941 Trees about 30 ft. high 15 yds. N. S. E. W.

1944 G. on lawn. House 30 ft. 63 ft. E. Cedar 35 ft. 60 ft. S. K. Garden Wall 9 ft. 74 ft. W.

1947 House 30' high 21° E. Cedar tree 30' high 20° S. Kitchen garden 10' high 28° W. Note wall 10' high 28° N

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	Direction
1941			Woolbury	2 miles.	N.W.	E. Harlsey	50 yds.	E
1947			"	2½ miles	N.W.	" "	80x	E

Station No. 3443

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## RAINFALL at East Harlsey (Harlsey Hall)

County of North Riding - Yorks

Observer

Mrs. Constantine d. 1958

River Basin Ouse - Swale - 2

J.B. Barnard Esq.

Type of Gauge Snowdon

Paint "the Mrs Constantine"

BR 1958

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

1916-1950

Ref.

26.79 \* \* 35 " " 1916-1950

File No. 927894/29 P

Diameter	5"		054036									
Height	1'2"			1								
Altitude	370'		51									
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	2.11	1.34	1.85	2.62	1.55	2.71	1.58	1.92				
February	2.02	1.43	1.45	1.79	1.70	2.54	2.07	2.98				
March	2.85	1.58	1.27	1.36	2.32	1.50	1.17	1.62				
April	1.53	1.98	2.14	1.32	1.29	1.92	1.31	1.19				
May	3.98	1.32	1.91	3.43	2.12	1.21	1.95	3.15				
June	1.05	1.52	2.77	2.91	2.48	3.45	3.50	2.61				
July	3.54	1.31	3.01	2.04	1.13	3.40	4.45	2.17				
August	5.79	2.83	3.15	5.60	1.21	7.51	6.57	5.49				
September	1.99	4.72	1.60	1.62	1.33	2.01	3.14	2.44				
October	1.60	3.54	1.78	4.08	1.93	1.32	1.88	1.77				
November	5.49	2.46	1.90	4.18	2.43	1.98	1.61	.69				
December	2.16	1.85	1.02	2.35	2.76	1.91	1.92	2.59				
TOTALS	34.11	24.88	21.85	32.30	22.25	27.56	30.15	28.62				
	D	P	D	D	D	D	D	D				

1951. Hall 30' high 18° E. Tree 36' high 18° S. Wall 10' high 22° W, 8' high 28° N.  
 1956. Hall 30' at 21° E. Cedar tree 30' at 20° S. Garden wall 10' at 28° W, 10' at 28° N.

Terminated 1960 - Property sold - impossible to maintain records.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SE(44)428996

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951.			Wellmire	2 m	N.	E. Harlsey	80 m 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
		C 1914	V	V	V	
		V bnt-14-15	V bnt-20-22, 30	V bnd 36-40	V bnt d 41-42	