

RAINFALL at Northallerton ^{Harlesey} Harlesey HallCounty of N. R. YorkshireObserver J. Constantine EsqRiver Basin Ouse Swale 2Sunderland Rain Gauge, by Howard Wilson

Diameter ...					5						
Height						1.0					
Altitude ...					320	370					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS TOTAL
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
April55	1.03	1.44	2.17	1.64	1.55	7.10
May					1.61	1.71	2.51	.74	1.74	.77	5.76
June					4.00	.51	2.72	2.35	.68	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 less 24-33 ft high 37-66 ft S.N.E

Building 28 - - 66 - E

1916. may corr. by ref to form 1090. 1923. 11.5.43.

N.B. Annual values repeated from Survey book. 1929.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Wellbury	2.71	NW	S. Harley	10.87	E

RAINFALL at East Harbrey Harbrey Hall

County of N. B. YorkshireObserver J. Constantine EsqRiver Basin Cuse-Swale 2W. W. Constantine (1922)Snowdon Rain Gauge, by Howard WilsonW. W. Constantine (1925)

Diameter ...	5"													
Height	1 0													
Altitude ...	370													
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means	1920-30 Totals		
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		
February96	.22	1.67	2.88	.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	1.59	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	25.66	27.28	26.43	24.79	32.88	24.03	21.32	38.14	293.52		
	D	D	D	D	D	D	D	D	D	D	D	D		

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

Position of Station on reduced Ordnance Survey } No. of Map.

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Helbury	2 mi	NW	E. Harbrey	108 yds	E

RAINFALL at East Harlsey (Harlsey Hall)County of North Riding Observer Mrs. ConstantineRiver Basin Ouse-Swale-2

Type of Gauge

Annual Average .. in. based on years obs. un-weighted. Period of average Ref. 927894/29

Diameter	5.										
Height	1.0.										
Altitude	370.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
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	.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	3.27	.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	4.83	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	4.37	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	D	D	D	

1931. Holly bush 30' high 15 yds N.

1936. House 25' high 25 yds E.

Trees 20' .. 15' S. & E.

NB. Requested from Survey as 1" to 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Welbury	2	NW	Harlsey	100 yds	E

RAINFALL at East Harlow (Harlow Hall) Station No. 3443
 County of North Riding Observer Mrs Constance
 River Basin Ouse-Swale-2
 Type of Gauge Standard

41

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

File No. 927894/29

Diameter	5"		054	036							
Height	1' 0"			1	1' 2"		1' 2"				
Altitude	370'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
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	.88	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	1.88	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	2.59	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	30.23	21.73	24.34	18.63	28.76	249.32
	D	D	D	D	D	D	D	D	D	D	

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

1944 G. m. beam. House 30 ft. 63 ft. E. Cedar 35 ft. 60 ft. S. Kitchen W. 9 ft. 74 ft. W.

1947. House 30' high 21' E. Cedar tree 30' high 20' S. Kitchen garden 110' high 28' W. North 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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Welbury	2 mls.	N. W.	E. Harlow	50 yds.	E
1947			"	2 1/2 mls.	N. W.	" "	80 "	E

BRITISH RAINFALL ORGANIZATION

Station No. 3443RAINFALL at East Harbsey (Harbsey Hall)

51

County of North Riding - YorksObserver Mrs. Constantine d. 1958River Basin Duse - Gule 2J.B. Barnard Esq.
Printed for Mrs ConstantineType of Gauge Snowdon

BR 1958

Annual Average 26.79 in. based on 35 years obs. un-weighted. Period of average 196-1950 Ref. 927894/29

File No.

Diameter ...	5"			054	036							
Height ...	1'2"				1							
Altitude ...	370'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	2.11	1.34	.85	2.62	1.55	2.71	1.58	1.92				
February ...	2.02	.43	1.45	1.79	1.70	2.54	2.07	2.98				
March ...	2.85	1.58	.27	1.36	2.32	.50	1.17	1.62				
April ...	1.53	1.98	2.14	.32	1.29	.92	.31	1.19				
May ...	3.98	1.32	1.91	3.43	2.12	.31	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	.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	32.20	22.25	27.56	30.15	28.62				
	D	D	D	D	D	D	D	D				

1951. Hall 30' high 18' E. Vase 36' high 18' S. Wall 10' high 22' W, 8' high 28' N.
 1956 Hall 30' at 21' E. Cedar 1948 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	Direction	Parish Church.	Distance
1951.			Wellness	2m	N.	E. Harbsey	80m 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 ✓ but 14-15	✓ but 20-22, 30	✓ but 36-40	✓ but 41-42	