

## RAINFALL AT Thrapstone Flargrave

Lat.

Lon.

County of Northampton

Rain Gauge, by Casella

Observer J. L. Baker Esq.

Diameter....											
Height ....									5		
Altitude ....									219	258	
Year ....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January ....								4.21	1.47	1.81	
February .....								1.55	1.94	2.92	
March .....								2.03	.59	.98	
April .....								3.07	1.95	1.93	
May .....								1.87	4.38	2.98	
June .....								1.18	2.49	5.47	
July .....								2.58	.40	3.48	
August .....								3.51	4.60	3.12	
September ..								1.41	1.10	3.07	
October .....								1.22	2.21	.68	
November ..								2.67	3.40	1.21	
December ..								1.54	1.47	.80	
TOTALS ..								26.84	24.00	28.40	

## RAINFALL AT Hargrave

Lat..... Lon..... County of Northumberland  
 Rain Gauge, by..... Observer Rev. R. S. Baker

Diameter.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
Height .....						4 2					
Altitude.....							200				
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	
January.....						2.74					
February.....						1.56					
March.....						54					
April.....						1.77					
May.....						1.50					
June.....						3.61					
July.....						7.34					
August.....						3.25					
September.....						2.51					
October.....						5.85					
November.....						4.42					
December.....						1.23					
TOTALS.....						36.32					

A home made square gauge made of zinc much bent and sometimes leaks observer is frequently absent when gauge is allowed to run over

80

RAINFALL AT Hargrave, Thrapstone  
 Lat. .... Lon. .... County of Northampton  
 Rain Gauge, by Observer J. C. Baker, Esq.  
 Hargrave

R.D. 3

Diameter .....	5"										
Height .....	10										
Altitude .....	219 ft.										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.85	.71	1.47	2.11	2.07	1.45	2.57	2.34	.86	1.41	1.534
February .....	2.60	2.48	1.67	2.89	.92	2.07	2.20	.69	2.35	1.69	1.756
March .....	1.12	1.82	1.18	1.10	1.07	1.19	1.95	1.33	2.49	1.86	1.541
April .....	1.82	1.40	3.27	2.38	1.22	2.20	1.48	1.04	1.26	2.84	1.891
May .....	1.09	1.04	2.38	1.77	1.02	2.35	4.56	2.18	.89	3.80	2.108
June .....	4.33	2.06	2.67	2.80	1.40	2.58	1.09	1.29	1.97	1.36	2.155
July .....	7.18	2.66	5.11	2.93	4.09	.26	4.57	.99	4.82	2.09	3.465
August .....	.89	5.07	1.91	1.76	1.65	2.90	1.82	1.15	2.03	1.63	2.081
September .....	5.50	1.90	2.50	5.48	1.60	3.62	1.18	1.71	1.04	2.77	2.730
October .....	6.70	2.84	5.17	1.89	1.06	4.59	3.15	1.84	.55	3.17	3.096
November .....	2.04	2.80	3.14	3.27	1.63	3.62	2.72	1.90	3.32	.88	2.532
December .....	2.51	2.96	3.06	.79	1.66	.78	4.65	.99	1.78	1.23	2.041
TOTALS .....	36.38	27.74	33.53	25.77	19.39	27.61	29.44	17.45	23.36	24.73	26.930

1880. Hargrave Ch. 100 yards W.  
 1884 Hedge 3 ft 6 in. high 27 ft. S.

# RAINFALL AT Thrapstone Hargrave

Lat.

Long.

County of Northampton

Rain Gauge, by

Observer

Rev R.S. Baker

R.D. 3

Diameter .....	5										
Height .....	10										
Altitude .....	220 ft										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	1.98	1.62	.92	1.92	2.01	2.44	1.40	2.10			
February .....	.79	.07	1.22	2.14	2.17	.32	.67	3.30			
March .....	1.96	1.00	1.12	.09	1.11	1.83	2.52	3.75			
April .....	.58	1.12	.75	.16	1.17	1.88	1.13	1.99			
May .....	1.58	3.39	1.05	1.39	1.98	.52	.55	1.37			
June .....	2.41	3.00	2.01	.79	2.71	.74	2.82	2.67			
July .....	2.32	3.51	2.13	2.85	2.80	3.43	1.38	.10			
August .....	1.09	4.00	2.53	2.26	2.93	2.36	1.96	4.27			
September....	.38	.45	2.94	.70	1.64	1.26	5.79	3.07			
October.....	1.28	5.81	4.13	3.04	2.58	2.47	4.28	1.19			
November....	2.38	2.48	1.47	2.84	3.94	4.16	.99				
December ....	.62	2.94	1.29	1.84	1.68	2.17	3.86				
TOTALS . . .	17.37	29.34	21.56	20.02	26.72	23.58	27.35				

1890 Hargrave Ch 300 yards N E  
S W

Cottage 30ft high 150ft S W

Gauge ruined May 12<sup>th</sup> 300 yards N

This record appears to be increasing from 1892. c. x. 22

RAINFALL AT Hangrove House Huntingdon

Lat. \_\_\_\_\_  
B. Azo. (5 vi.09)

*Lon.* \_\_\_\_\_

County of Northamptonshire

Snowdon Rain Ga

Snowdon Rain Gauge, by  
(Spec. VI. 09)

Observer Kenneth Marchesi

Observer Kenneth MacLean

River Div. ~~3~~<sup>(from VI-89)</sup>

RAINFALL at Hargrave HallCounty of NorthamptonshireObserver C. K. Murchison BagRiver Basin Ouse 3

Point Afn Rain Gauge, by \_\_\_\_\_

Diameter ...	5	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTALS
Height .....	1.0											MEAN.
Altitude ...	273											1910-19
January ...	1.00	.93	2.46	2.40	1.56	2.21	1.36	2.20	1.64	3.89	9.09	
February ...	2.15	.87	1.25	.57	1.04	2.27	3.68	.86	.95	2.63	8.11	
March .....	.62	1.59	2.37	2.50	3.10	1.01	3.88	1.26	.66	3.26	9.06	
April .....	2.09	.59	.05	2.09	.78	.81	.86	1.49	2.11	2.07	6.53	
May .....	2.09	1.19	1.43	1.69	.98	1.86	2.01	1.91	2.25	.96	7.13	
June .....	.89	1.23	4.33	.64	2.05	.57	2.08	2.11	.35	.58	5.12	
July .....	1.71	.20	3.26	1.02	2.49	3.27	1.42	2.50	2.99	2.83	9.74	
August .....	1.95	1.48	7.37	.78	1.52	3.16	3.58	4.41	.67	2.27	10.91	
September ..	.58	1.20	1.14	1.94	.79	1.22	.76	2.40	4.54	1.71	9.41	
October ...	1.60	2.02	2.18	3.82	2.52	1.03	1.77	3.02	1.51	1.22	7.52	
November ..	2.78	2.20	1.44	1.76	2.16	2.19	3.86	1.00	2.19	1.66	8.71	
December ...	4.72	3.64	2.77	.53	4.80	4.01	2.70	.60	1.98	3.71	8.99	
TOTALS ...	22.18	17.16	30.04	19.24	23.79	28.61	27.94	23.74	21.84	26.79	100.31	

Laurel Shrub 2 ft high i.s' S

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Rowden	2 3/4 m		Hargrave		

RAINFALL at Hargrave Hall  
 County of Northamptonshire <sup>(1/4 mi.)</sup> Observer Sir W. Murchison  
 River Basin Guse 3  
British Ass't Rain Gauge, by

Diameter ...	5"	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>Total</u> <u>1930.</u>
Height .....	1 0											
Altitude ...	273											
Year .....	1920	1.95	1.97	2.18	1.42	2.17	1.12	3.09	1.86	3.55	1.33	2.89
January ...	1.95	1.97	2.18	1.42	2.17	1.12	3.09	1.86	3.55	1.33	2.89	23.03
February ...	1.79	1.39	2.02	3.36	1.44	2.02	2.41	2.52	1.26	.90	.80	16.91
March .....	1.58	1.80	1.61	1.81	1.81	1.16	1.65	1.95	1.33	.10	1.59	13.44
April.....	3.01	1.95	2.92	1.47	3.03	1.74	3.33	1.52	1.26	1.14	2.03	22.90
May .....	1.42	1.27	1.91	1.41	3.77	3.89	2.64	.80	1.44	.94	2.53	20.52
June .....	1.24	1.22	1.10	1.44	1.92	.08	2.17	3.18	1.89	.86	.16	13.26
July .....	3.44	1.34	3.35	2.66	2.84	1.96	1.91	2.06	2.54	1.54	3.01	25.65
August .....	1.97	1.90	3.93	1.52	1.50	1.64	.96	4.13	1.18	.78	1.92	20.43
September...	1.95	1.13	2.12	2.17	2.64	2.26	2.27	4.66	.73	.25	4.38	24.56
October.....	1.29	1.30	1.71	2.53	4.27	3.35	2.31	1.90	3.20	2.68	1.09	24.63
November...	1.05	1.51	1.20	1.38	2.38	1.57	3.00	2.51	4.68	4.29	3.19	26.76
December...	2.01	1.17	1.98	2.29	2.20	1.84	.47	2.49	2.17	4.06	1.81	22.49
TOTALS...	21.20	12.95	24.03	22.46	27.97	22.13	25.21	29.58	25.28	18.87	24.90	254.58
		W 2	mpd	d	d	d	d	d	d	d	d	

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	Parish Church.	Distance from gauge
1911			Pounds	2 3/4 mi	Hargrave	

## RAINFALL at Hargrave Hall

County of North Charnshire

Observer Sir K. Murchison

River Basin

Ouse - 3

Type of Gauge

M.O.

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

Ref.

313289 27

Diameter	5.											
Height	1.0.											
Altitude	273.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.46	1.07	1.40	1.26	.80	2.89	3.04	2.59	4.71	2.22	21.44	
February	2.27	.24	1.56	.83	1.09	1.84	2.70	.85	.84	1.50	12.72	
March	.33	1.44	2.42	1.53	.49	1.29	3.49	.17	1.83	2.00	14.99	
April	3.46	2.92	.82	1.31	3.66	1.84	2.35	.11	2.16	1.47	20.16	
May	2.75	3.90	1.49	.59	.90	.85	3.67	2.04	.87	1.03	18.09	
June	1.11	.59	2.23	.90	2.40	4.80	1.30	1.12	2.23	.62	17.30	
July	2.79	2.56	1.52	2.64	.41	5.74	1.26	1.21	3.08	3.51	24.72	
August	4.57	2.25	1.04	1.86	1.60	.60	3.57	3.51	3.07	.22	22.28	
September	2.44	2.85	1.74	2.78	4.63	1.70	2.01	2.24	1.46	.61	22.45	
October	.50	3.10	1.40	1.01	2.59	1.29	2.14	2.66	4.04	2.45	21.18	
November	2.29	1.45	1.88	1.63	3.72	2.22	1.69	2.49	3.25	5.73	26.35	
December	1.00	.53	.48	3.97	2.56	1.33	2.73	3.05	2.26	1.81	19.72	
TOTALS	24.97	22.90	17.98	20.26	24.85	26.39	29.95	"d"	22.14	29.79	23.17	242.40

15.7.40. New gauge (M.O. type) fixed in place of old one.

1940. Jan. cond. for snow.

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

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

Station No. M. 1100

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## RAINFALL at Hargrave Hall

County of Northamptonshire

Observer Sir K. Marchison

River Basin River - 3

Habour A. Peckey, Esq. (Oct. 1948)

Type of Gauge M.O.

Annual Average 23.7 in. based on years obs. un-weighted. Period of average.

Ref.

File No. E.13.289/21

Diameter	5"			178	905						
Height	1' 0"										1' 2"
Altitude	273'										270'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.18	2.38	4.16	1.42	1.76	1.32	1.42	3.32	.66	.88	21.82
February	2.02	1.45	.61	.99	1.18	2.02	1.59	1.09	.60	3.34	15.30
March	3.42	1.45	.78	.20	.72	1.14	4.77	.66	1.03	.79	15.17
April	1.27	.84	.84	1.47	.35	1.18	1.97	1.73	1.12	2.25	13.47
May	2.27	2.12	2.18	1.32	2.00	3.26	1.47	3.75	2.70	3.61	24.43
June	1.43	.45	2.06	2.16	1.73	2.56	1.80	3.93	1.26	2.32	19.01
July	2.74	2.70	.63	1.66	1.50	1.30	2.15	1.14	.90	3.85	19.33
August	4.81	2.38	2.23	2.53	1.15	4.59	.00	2.90	.96	1.59	22.68
September	.55	.91	1.23	2.89	2.78	3.12	1.13		.82	3.23	19.00
October	2.01	1.87	1.81	2.58	3.28	1.46	.44	2.84	3.71	.49	21.34
November	2.30	2.00	1.05	2.95	(25)	4.84	(1.46)	1.25	2.20	3.85	22.10
December	.71	1.45	1.55	1.03	2.58	2.19	3.27	2.60	1.01	1.17	18.15
TOTALS	26.71	20.06	19.13	21.20	19.58	28.98	21.47	25.21	16.97	27.37	231.30

1947 Nov 1st. est.

\* Used in General Table. Origin unknown.

1948 Maytree 15' high 16°SE

1949 no. 800.

e.g.

Rounds

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
1948			Rounds	3 m.	N	Hargrave	500 yds NNE

Station No. 1100 19 T.S. 10-5

## RAINFALL at Hargrave Hall.

County of Northamptonshire

Observer Harold A. Pedley Esq.

River Basin 6000 - 3

Type of Gauge M.O.

Annual Average 23.7 in. based on years obs. un-weighted. Period of average

23.67 " 35 - 1916-1950

Ref.

1916-1950 File No. 813289/27 P

Diameter in:	5			178	905						
Height ft.:	12										
Altitude ft.:	270										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.91										
February ...	3.21										
March ...	3.35										
April ...	2.65										
May ...	3.22										
June ...	.89										
July ...	1.07										
August ...	4.29										
September ...	1.53										
October ...	.87										
November ...	4.08										
December ...	1.85										
TOTALS ...	29.92										

\* origin unknown  
Dec 1951. Intermittent. May start again.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference T1152 025705

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

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
		✓ bwd 19	✓ bwd w 20	✓ bwd 37-40	✓ bwd 50	✓ Np 49 inc 48