

# RAINFALL AT *Thrapstone Hargrave*

70

Lat. ....

Lon. ....

County of *Northampton*

Rain Gauge, by *Casella*

Observer *J. L. Baker Esq*

Diameter...								5			
Height ....								1			
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	3.43	
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	26.00	28.40	

RAINFALL AT *Hargrave*

Lat.....

Lon.....

County of *Northampton*

Rain Gauge, by.....

Observer *Ben R. S. Baker*

Diameter.....											
Height.....						4 2					
Altitude.....						200					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
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

# RAINFALL AT

*Hargrave, Thrapstone* **80**

Lat. ....

Lon. ....

County of

*Northampton*

Rain Gauge, by

Observer

*J. L. Baker, Esq.*

R. o. 3

Diameter ....	5										
Height .....	1.0										
Altitude ....	219 ft										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	35	.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	.20	.69	2.35	1.69	1.756
March .....	1.42	1.82	1.18	1.10	1.07	1.14	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 ....	2.02	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	25.7	19.39	27.61	29.94	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. \_\_\_\_\_

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

County of Northampton

Rain Gauge, by \_\_\_\_\_

Observer

Rev R.S. Baker

R.D. 3

Diameter ....	5										
Height .....	10										
Altitude ....	220 $\nabla$										
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	2.43	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 <sup>100</sup> 300 yards NE  
 . Cottage 30ft high 150ft SW  
 . Gauge moved May 12<sup>th</sup> 300 yards N

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



RAINFALL at Hargrave <sup>Hall</sup> HouseCounty of NorthamptonshireObserver C. K. Murchison EsqRiver Basin Ouse 3Soil of Gravel Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1.0										
Altitude ...	273										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Totals
											MEANS.
											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	.85	.95	2.63	8.11
March .....	.62	1.59	2.37	2.50	3.10	1.01	3.88	1.25	.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	1.36	2.01	1.91	2.25	.96	7.13
June .....	.89	1.23	4.33	.64	2.05	.57	2.08	2.11	.35	.38	5.12
July .....	1.71	.20	3.25	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	3.53	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	3.32	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	23.61	27.94	23.74	21.84	26.79	100.31
	imp							2		3 imp	

Laurel Shrub 2 ft high 1.5' S

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



RAINFALL at Hargrave HallCounty of Northamptonshire(1426) Sir W. MurchisonObserver G. H. Murchison Esq.River Basin Ouse 3

British Assn. Rain Gauge, by \_\_\_\_\_

Diameter ...	5"												
Height .....	1 0												
Altitude ...	273												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>Mean.</del> 1930.	Totals.	
January ...	1.95	1.97	2.18	1.42	2.17	1.12	3.09	1.86	3.55	1.33	2.39	23.03	
February ...	.79	.39	2.02	3.36	.44	2.02	2.41	2.52	1.26	.90	.80	16.91	
March .....	1.58	.80	1.61	1.81	.81	1.16	.65	1.95	1.33	.10	1.59	13.44	
April.....	3.51	.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	.91	1.41	3.77	3.39	2.64	.80	1.44	.94	2.53	20.52	
June .....	1.24	.22	1.10	.44	1.92	.08	2.17	3.18	1.89	.86	.16	13.26	
July .....	3.44	.34	3.35	2.66	2.84	1.96	1.91	2.06	2.54	1.54	3.01	25.65	
August .....	.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	.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	imp d	d	d	d	d	d	d	d	d	6	

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

RAINFALL at Hargrave HallCounty of NorfolkObserver Sir K. MurchisonRiver Basin Ouse - 3Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average Ref. 91229 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	13.72	
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	.57	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	2.54	.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	22.14	24.79	23.17	242.40	Tell

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, }  
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

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



Station No. *M* 1100RAINFALL at *Hargrave Hall*

41

County of *Northamptonshire*Observer *Sir K. Marchmont*River Basin *base 3**HARGRAVE A. RAINFALL STG. (Oct. 1948)*Type of Gauge *M.O.*Annual Average *23.7* in. based on *23* years obs. un-weighted. Period of average *Ref.*File No. *8.13.289/27*

Diameter	5"			178	905						
Height	1' 0"									1' 2"	
Altitude	273'									276'	
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	1.48	2.02	1.59	1.09	.60	3.34	15.30
March	2.42	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	.97	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. 4th. cont.

\* Used in General Table. Origin unknown.

1948 Maytree 15' high 16' SE

1949 no. low.

extra  
RandomPosition 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.
1948			Raunds	3 m.	N	Hargrave	500 yds	NNW

Station No. 1190 19 T.S. 10-5RAINFALL at Hargrave Hall,County of NorthamptonshireObserver Harold A. Pedley Esq.River Basin Gus - 3Type of Gauge M.O.Annual Average 23.7 in. based on 35 years obs. un-weighted.Period of average 1916-1950

Ref

File No. 1916-1950 813289/27 P

51

Diameter in.	5			178	905						
Height ft.	1 2										
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. Terminated. May start again

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TL521035705

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
	✓	✓	✓	✓ No 49 inc 48	
	✓ but d 19	✓ but w 20	- but d 37-40	✓ but d 50	