

70

RAINFALL AT *Ravensthorpe Vicarage*

Lat..... Lon..... County of *Northampton*
 Rain Gauge, by..... Observer... *Rev W. A. Strong*

Diameter.....			<i>.5</i>								
Height.....			<i>1.</i>								
Altitude.....			<i>439</i>								
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS
January.....			<i>#3.58</i>	<i>1.48</i>			<i>1.77</i>				
February.....			<i>1.66</i>	<i>1.16</i>			<i>2.48</i>				
March.....			<i>1.63</i>	<i>1.75</i>			<i>2.89</i>				
April.....			<i>1.08</i>	<i>3.55</i>			<i>2.68</i>				
May.....			<i>2.92</i>	<i>2.00</i>			<i>.46</i>	<i>#</i>			
June.....			<i>3.11</i>	<i>4.63</i>							
July.....			<i>4.07</i>	<i>2.41</i>		<i>#8.69</i>					
August.....			<i>2.44</i>	<i>2.52</i>		<i>1.32</i>					
September.....			<i>3.40</i>	<i>1.53</i>	<i>#</i>	<i>4.50</i>					
October.....			<i>4.82</i>			<i>6.76</i>					
November.....			<i>3.75</i>			<i>4.31</i>					
December.....			<i>3.66</i>			<i>.94</i>					
TOTALS.....			<i>36.12</i>								

1121/5

RAVENSTHORPE
RAINFALL AT Northampton, Caton Mill

80

Lat.

Lon.

County of Northampton

Rain Gauge, by

Observer H. J. Emswiler Esq.

Rio. Dis. 4.

Diameter							5				
Height							1.0				
Altitude							360				
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							2.78	2.77	1.04	.83	
February ....							.50	.57	2.28	2.13	
March							1.60	1.81	2.92	3.01	
April							1.73	1.37	1.73	2.36	
May							4.01	2.40	.97	3.41	
June							1.19	1.57	1.82	.77	
July							3.26	.73	5.54	2.34	
August							1.36	1.44	1.92	3.00	
September...							1.81	1.87	2.14	2.33	
October							5.03	2.54	.43	2.96	
November...							2.17	1.86	3.79	1.15	
December...							4.15	1.64	1.84	1.70	
TOTALS						(2900)	29.57	20.57	26.42	25.99	

* rough est. Aug. 1924

11215
1021

RAINFALL AT *Ravensthorpe Lotton Mill*

Lat. *52° 19'* Lon. *0° 59' W* County of *Northampton*
 Rain Gauge, by _____ Observer *G. S. Emsen Esq*

R. 10. 4.

Diameter	5											
Height	10											
Altitude	360	355										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.45	2.08	1.03	1.84	1.52	2.74	1.49	1.95	.99	3.03	1.912	
February	1.01	.04	1.07	2.75	1.92	.23	.51	3.18	.90	2.09	1.870	
March	2.09	.71	.80	.18	1.14	2.19	2.81	3.16	1.15	1.39	1.562	
April	1.13	.63	.69	.29	2.00	1.47	1.40	2.11	2.17	2.29	1.418	
May	1.63	3.17	1.92	1.27	1.49	.46	.40	.83	3.72	1.37	1.626	
June	1.90	1.91	2.17	1.11	2.44	.53	2.68	2.66	.58	1.10	1.708	
July	3.16	2.39	2.14	2.93	3.20	2.98	1.02	.27	.89	2.00	2.098	
August	1.72	4.10	1.97	2.20	2.22	2.72	2.48	4.22	2.16	2.04	2.583	
September....	1.22	.95	2.72	.84	2.18	.54	4.79	2.31	.56	3.92	2.003	
October	1.48	5.82	3.90	2.68	2.92	2.63	3.43	1.66	2.98	3.10	2.060	
November....	3.54	2.69	1.36	2.07	3.66	3.89	1.04	1.23	1.96	1.78	2.322	
December ....	.54	3.72	1.68	1.66	2.06	1.72	3.46	2.44	2.43	1.54	2.125	
TOTALS	21.87	28.21	21.45	19.82	26.75	22.10	25.51	26.02	20.49	25.65	22.787	

RAINFALL AT Ravensthorpe Cotton Mill

Lat. 52° 19' 22"

Lon. 1° 0' 20"

County of Northampton

Rain Gauge, by

Observer G. L. Emsen Esq.

Ris. Dis. 4.

Diameter ..	5										
Height	10										
Altitude ..	355										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.80	1.27	.81	2.11	2.74	.95	4.11	1.00	1.08	1.24	1.911
February ..	4.07	1.15	1.69	1.12	3.18	.70	2.37	1.56	1.17	.48	1.749
March ....	.60	1.91	1.27	3.16	1.56	3.31	1.52	1.35	3.38	2.91	2.097
April .....	.64	2.35	1.62	2.13	1.08	1.80	.70	2.72	3.52	1.81	1.837
May	1.09	1.76	2.74	2.92	2.07	1.26	1.54	4.32	2.18	1.56	2.144
June	2.97	2.45	2.87	2.66	.51	3.14	5.06	2.66	1.10	3.27	2.669
July	3.06	1.79	1.36	2.80	2.02	.46	.53	3.01	3.28	2.92	2.123
August	3.35	1.67	2.74	3.52	3.84	3.13	.91	2.58	3.31	2.92	2.797
September ..	.55	1.12	1.56	2.59	2.31	1.86	1.08	.72	1.66	2.81	1.626
October	2.23	1.26	2.25	6.56	.84	1.38	4.68	4.52	1.19	3.56	2.847
November ..	2.13	.73	1.80	1.80	1.37	2.84	3.91	2.19	1.14	.73	1.864
December ..	3.61	3.37	1.22	1.23	1.69	.95	2.47	3.56	1.75	3.68	2.352
TOTALS ..	28.10	20.83	21.93	32.60	23.21	21.78	28.88	30.16	24.76	27.89	26.016

1903 Althorpe Park Station 4

S E

Hub

1900-1909

A.M. Form 1603.

Air Ministry, Meteorological Office.

Station No. 1121/5

RAINFALL at RAVENSTHORPE

County of. NORTHAMPTON

Observer GEORGE S. ENNSON?

River Basin

Type of Gauge

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

File No.

Diameter	5"	5"									
Height	12"	12"									
Altitude	355'	355'									
Year	1900 1901	1901 1902	1902 1903	1903 1904	1904 1905	1905 1906	1906 1907	1907 1908	1908 1909	1909 1910	Means
January	3.80	1.27	.81	2.11	2.74	.95	4.11	1.00	1.08	1.24	
February	4.07	1.15	1.69	1.12	3.18	.70	2.37	1.56	1.17	.48	
March	.60	1.91	1.27	3.16	1.56	3.31	1.52	1.35	3.38	2.91	
April	.64	2.35	1.62	2.13	1.08	1.80	.70	2.72	3.52	1.81	
May	1.09	1.76	2.74	2.92	2.07	1.26	1.54	4.32	2.18	1.56	
June	2.97	2.45	2.87	2.66	.51	3.14	5.06	2.66	1.10	3.27	
July	3.06	1.79	1.36	2.80	2.02	.46	.53	3.01	3.28	2.92	
August	3.35	1.67	2.74	3.52	3.84	3.13	.91	2.58	3.31	2.92	
September	.55	1.12	1.56	2.59	2.31	1.86	1.08	.72	1.66	2.81	
October	2.23	1.26	2.25	6.56	.84	1.38	4.68	4.52	1.19	3.56	
November	2.13	.73	1.80	1.80	1.37	2.84	3.91	2.19	1.14	.73	
December	3.61	3.37	1.22	1.23	1.69	.95	2.47	3.55	1.75	3.68	
TOTALS	28.10	20.83	21.93	32.60	23.21	21.78	28.88	30.18	24.76	27.89	

Copied from original records June 1970 - original 10yr sheet missing.

See original
a dozen or so
sheets extref.
(Reader, Nov 11)

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1901	52° 14' 12"	1° 0' 20"	ALTHORP PARK	4m	SE (1909)			
1900	52° 14' 32"	0° 0' 54"		5m	SW (1910)			

BRITISH RAINFALL ORGANIZATION

RAINFALL at

Reservoir
Ravenshoe Cotton Mill

County of Northamptonshire

Observer, H. E. Emsen Esq

River Basin Nene 4

Sunder Rain Gauge, by

Diameter ...	5										
Height	1.0										
Altitude ...	355										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.10	.81	3.76	3.75	1.05	2.56	1.13	2.06	2.17	3.62	Total 16.17 2.98
February ...	2.68	1.36	1.82	1.05	1.46	2.60	4.15	1.18	1.20	2.58	9.11
March .....	.72	2.12	2.75	3.15	2.67	.99	4.92	1.62	.80	4.02	11.36
April	1.41	.91	.16	2.80	.84	.82	1.08	2.08	2.91	2.23	8.30
May	2.60	1.90	2.54	1.72	1.02	1.92	1.50	1.85	1.89	1.09	6.33
June	1.05	1.82	3.28	1.17	2.75	.77	1.81	2.29	.64	.90	5.64
July	2.08	.44	3.42	1.33	2.35	4.14	2.23	1.17	2.99	2.92	17.31
August	3.03	2.98	7.16	.66	2.00	1.76	2.82	5.15	1.18	2.67	11.82
September ..	.72	1.32	1.10	1.49	.88	1.59	1.31	1.81	4.54	1.59	7.25
October ...	2.53	2.22	2.46	3.31	2.21	1.71	2.65	3.11	1.35	2.04	9.15
November ..	3.72	2.74	1.92	2.86	2.41	2.33	2.92	1.31	2.02	1.76	8.01
December ...	5.20	4.21	3.05	1.00	5.36	4.23	2.76	.92	3.12	3.87	10.57
TOTALS ...	27.84	22.83	33.42	24.29	25.00	25.42	29.28	24.55	24.81	29.29	107.97 4.88

These observations are actually taken at the Reservoir and not at Botm Hill where there is no rain-gauge.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	52.19.22	1.0.20	allthorpe Park	5 m	SW	Ravenshoe	1 m	N

RAINFALL at Raensathorpe Reservoir.County of NorthamptonshireObserver Northampton CorporationMercury. 1919 F. Tomlinson Esq.

River Basin

Nene - 4

Rain Gauge, by

Diameter ...											
Height											
Altitude ...											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...										3.62	
February ...										2.58	
March										4.04	
April										2.05	
May										1.38	
June .....										.90	
July										2.86	
August								5.15		2.71	
September...										1.59	
October ...										2.03	
November..										1.70	
December...										3.87	
TOTALS ...										29.33	

See next sheet

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1.								

RAINFALL at Ravensthorpe ReservoirCounty of NorthamptonshireObserver L. Tomlinson Esq. L.C.River Basin Nene 4Gang: Northants W.D.

Rain Gauge, by

Diameter ...	5	8			5								
Height	1	0							0	11			
Altitude ...	339	370											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930.		Totals
January ...	2.75	2.58	3.76	1.45	2.29	1.42	2.76	2.12	2.34	1.29	2.68		26.44
February ...	.74	.28	2.51	4.43	.67	2.46	3.30	2.82	1.77	.48	.56		20.02
March	2.36	1.16	1.82	1.77	.95	.84	.64	2.05	1.74	.12	1.80		15.25
April	4.80	1.26	2.96	1.99	3.64	1.94	2.34	1.56	1.77	1.66	2.01		25.93
May	2.37	1.43	1.08	1.14	4.43	2.95	2.92	.77	1.20	1.36	2.64		22.27
June	2.77	.60	1.10	.80	2.07	.04	1.93	3.90	2.83	1.07	1.17		18.28
July	3.87	.45	4.37	2.94	3.05	2.52	1.96	2.58	2.20	1.56	4.36		29.80
August	1.13	2.38	4.86	1.72	1.95	1.52	1.52	3.26	2.92	1.31	2.50		25.07
September...	1.86	1.14	2.18	3.09	3.18	3.72	1.87	3.93	.57	.95	3.73		26.22
October	1.08	1.22	.73	4.38	3.85	2.84	2.23	1.64	2.35	3.09	1.61		26.02
November...	1.47	1.90	1.30	1.87	2.39	1.77	3.87	2.59	2.82	4.74	2.51		27.23
December...	2.64	1.69	2.69	2.80	2.96	2.00	.56	2.09	2.02	3.92	1.94		25.21
TOTALS...	27.74	16.09	29.36	28.38	31.43	24.02	25.90	29.31	26.53	21.55	27.51		237.82
	D	D	D	D	D	D	D	D	D	D	D		

Impress. 25.11.20. Site very sketchy. see green file

1930. Not printed.

Gauge moved to new site 1-1-31. Incl. 21A 822286/28

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
1927			Althorp Pk.	3 1/2 mls	Ravensthorpe	1 mile

RAINFALL at **Ravensthorpe*County of *Horthants*Observer *F. Tomlinson*River Basin *H. - Aire*(1925) *W. C. Kneale*Type of Gauge *Snowdon**L. H. Brown Esq., B.Sc., F.R.S. (1938)*Annual Average *↑* *in.* based on *years* obs. un-weighted. Period of average *Ref.**new gauge on new site.**822286/28.*

Diameter	5											
Height	1.0											
Altitude	370											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total	Means
January	1.52	1.42	1.27	1.98	.89	3.38	3.68	2.71	5.47	2.19	24.51	
February	2.55	.27	2.97	.40	2.30	1.93	2.95	.75	.94	2.26	17.35	
March	.06	1.40	2.86	1.43	.32	1.23	2.63	.24	1.70	1.95	13.82	
April	3.84	3.26	.87	2.03	4.73	1.92	3.20	.06	1.77	1.94	23.62	
May	2.56	4.87	1.30	1.08	.89	.86	3.28	1.46	1.15	1.20	18.65	
June	1.66	.84	1.85	1.09	4.55	3.45	1.77	1.41	1.85	.63	19.10	
July	3.10	3.72	1.43	1.65	.89	4.47	1.39	1.93	2.76	3.08	24.42	
August	3.02	1.68	.85	1.78	1.37	.34	1.04	3.54	3.97	.08	17.67	
September	3.52	2.47	1.48	2.09	2.80	2.64	1.00	1.55	.76	.70	19.01	
October	.46	3.04	2.20	1.38	3.38	2.16	2.60	2.47	5.83	3.88	27.40	
November	2.47	2.37	1.56	1.75	4.45	2.63	1.38	2.75	3.58	6.46	29.40	
December	.89	.56	.37	4.19	3.22	2.00	1.94	3.40	1.29	1.81	19.67	
TOTALS	25.65	25.90	19.01	20.55	29.79	27.01	26.89	22.27	31.07	26.18	254.62	Th. 28

* Printed with foot-note "Reporting to N.N.H.S."

+ average obtained from 16 yrs. records 1919-34 rejected as 1" low. (see file)

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
1937.			Rothorpe Park.	4 mls.	S.S.V.	Ravensthorpe	3 1/4 mls.	W.

Station No. 1121/5

41

RAINFALL at * RavensthorpeCounty of NorthamptonshireObserver L. H. Brown Esq. B.Sc. C.E.River Basin Great OuseType of Gauge SnowdonAnnual Average ⁷ in. based on years obs. un-weighted. Period of average Ref. 25.5 * 822286/28File No. 822286/28

Diameter	5"		159	796								
Height	1' 0"	0' 11"		1								
Altitude	370			41	325'							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.92	2.53	3.91	1.89	1.73	2.08	1.72	4.71	1.12	.65		Total 23.26
February	1.80	.78	1.18	1.17	1.80	2.16	1.41	1.15	1.09	3.97		16.51
March	2.97	1.42	.83	.15	.87	.97	4.72	.68	1.55	1.04		15.20
April	1.49	1.33	.85	2.24	.96	2.05	1.91	1.18	1.91	2.01		15.73
May	1.77	3.01	2.62	1.06	2.17	2.01	.97	3.41	2.44	2.99		22.46
June	1.54	.17	2.32	2.61	2.45	3.36	1.05	1.81	.44	2.23		17.98
July	2.87	1.83	.78	2.19	1.83	1.67	1.91	1.36	.84	3.64		18.92
August	4.26	1.93	2.28	2.56	1.27	3.17	.03	3.08	.79	1.77		21.14
September	.32	.79	2.77	2.72	2.03	3.23	1.45	3.19	1.38	3.48		20.94
October	2.38	2.89	1.99	3.06	4.08	1.08	.13	3.30	5.81	.59		25.31
November	2.55	2.25	1.65	3.23	.40	5.74	1.56	1.47	2.80	4.01		25.66
December	1.00	2.13	.84	1.23	2.92	2.17	2.09	2.38	1.65	1.41		17.82
TOTALS	25.87	21.06	21.42	24.11	22.51	29.69	18.95	27.72	22.00	27.79		241.12

* Used in General Tables. Origin unknown

1949 May to July off

* Printed with footnote "Referring to Northamptonshire N.H.S." † Average obtained from records 1919-34

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			al Thorpe Pk.	4 ml	SSW.	Ravensthorpe	3/4 ml	W.
1945			do	3 m.	SSW	"	3/4 m.	W.

BRITISH RAINFALL ORGANIZATION

51

Observer L. H. Brown, Esq., B.Sc., C.E., *

Mid-Northants Water Board

[illegible]

Annual Average ^{25.57} in, based on years obs. un-weighted. Period of average Ref. ⁷⁹⁵⁰
25.47 " " 25 " " 1916-1950 1916-1950 822286/28 E12427 P

1967. np. low. Adopted from 1121/8

1958 Print.

Inspected 10-11-60 by Hbbhuter. Also of SSE and SW observe satisfactory. g. to be raised to standard height.

1953
* Printed with footnote: "Reporting to N.N.H.S. Records" and

National Grid Reference ^{SP 6 Y} 421682708

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

(62) Wt. 13072—389 10M 6/50 T.S. 841