

Rainfall at Brenckburn Priory

60

9 m N.W. nr Morpeth.

C. H. Cadogan.

1 65 69 62

Diameter of Gauge, 5 in. Height above Ground, 4 ft. in. Above Mean Sea Level, 200 ft.
Cast iron

YEAR - -			1864	1865	1866	1867	1868	1869	MEANS.
January - -			1.12	2.49	3.06	10.89	2.28	2.45	
February - -			2.42	2.19	2.84	1.10	2.76	1.91	
March - - -			3.41	1.30	3.80	2.01	1.31	2.73	
April - - -			.95	.83	3.06	1.79	3.77	1.41	
May - - -			2.15	3.61	1.53	2.35	.48	2.45	
June - - -			1.78	.41	1.47	1.35	.55	.15	
July - - -			.35	2.86	4.46	4.48	.46	.79	
August - - -			1.21	3.12	3.10	1.67	4.28	1.34	
September -			2.03	.23	4.27	2.33	3.60	3.61	
October - -			7.94	10.11	1.18	1.64	2.01	2.67	
November -			2.60	3.20	2.37	.37	2.82	1.86	
December -			3.58	2.10	2.73	2.82	5.37	3.87	
TOTALS -			29.54	32.45	33.87	33.68	29.69	25.24	

S C C C C C

1864 Keen frost on 31st of May, young fronds of ferns all killed & great damage done in the garden last fortnight of Octth very wet 7.82 falling between the 19th & 31st.

1865 9 in shot grass 1 ft + ground in a garden

RAINFALL AT Rothbury Branchburn Priory

Lat.....
Lon..... County of Northumberland
Rain Gauge, by..... Observer C. H. Hadley Esq.

Diameter	.5				548	8	
Height	1					12	.	1	.	.	
Altitude	301	250	900	250	300		
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	2.20	1.32	3.00	2.28	2.12	9.88	1.93	4.72	3.71	1.47	2.508
February	3.67	3.03	3.52	1.78	1.77	2.67	3.48	1.80	1.27	4.16	2.405
March	1.41	1.91	4.02	2.98	1.61	1.21	3.14	5.11	1.85	1.26	2.250
April	1.88	4.45	3.27	1.27	1.79	1.94	5.41	6.00	2.29	3.19	2.949
May	1.75	1.01	2.17	2.28	2.32	1.98	1.04	3.79	2.75	2.58	2.167
June	1.66	2.86	2.51	1.30	2.16	2.04	2.66	1.45	2.50	4.30	2.347
July	1.68	3.25	3.43	2.46	1.69	2.00	1.27	3.29	1.52	4.88	2.347
August	1.84	2.93	3.63	3.96	3.71	1.88	1.45	7.98	4.00	4.34	3.308
September	1.26	4.69	5.61	1.87	2.51	3.19	4.45	1.96	2.30	1.06	2.890
October	4.01	4.58	6.19	2.66	1.95	5.37	1.93	4.32	2.43	.69	3.493
November	3.76	2.93	5.38	2.15	3.65	6.22	4.71	3.66	7.15	4.19	4.380
December	3.54	1.90	6.16	7.44	4.49	2.25	11.07	1.93	4.43	1.28	3.979
TOTALS	29.36	31.22	48.92	25.73	29.77	33.08	41.54	46.01	34.20	33.40	35.523

C C C

1875 New gauge substituted in June the old one
being worn out.

Garden wall 13 ft high 20 ft distant

RAINFALL AT Rothbury, Breckburn Priory

Lat.

Lon.

County of Northumberland

Rain Gauge, by

Observer C. H. Cadogan, Esq.

Coquett 5

Diameter	8	Height	1.0	Altitude	300 T	Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	4.6	1.75	1.26	2.79	4.02	1.97	5.12	1.40	.75	.92	2.044						
February	2.19	3.94	1.40	1.84	1.79	1.10	1.22	.59	1.51	.67	1.625						
March	2.18	4.28	2.07	2.51	2.02	2.12	3.68	1.63	4.47	3.32	2.828						
April	1.60	1.22	3.84	1.39	2.28	2.46	1.38	1.25	1.36	4.38	2.136						
May	2.46	2.12	2.74	1.53	1.98	4.84	2.86	1.96	.62	1.02	2.203						
June	1.21	2.25	3.69	2.51	.64	1.84	1.35	.00	3.68	.24	1.641						
July	4.47	3.14	3.12	4.60	2.75	1.69	3.62	2.13	5.11	3.52	3.415						
August98	5.24	2.52	2.68	.77	1.96	1.21	1.87	3.47	3.47	2.417						
September....	3.25	5.29	1.68	4.09	2.28	2.96	2.08	4.60	.93	1.93	2.907						
October.....	4.31	5.52	4.32	2.19	1.99	4.71	4.74	2.13	.77	5.41	3.609						
November....	3.42	3.37	3.66	1.65	1.73	2.31	4.44	4.28	5.97	.53	3.136						
December....	3.26	3.85	5.84	1.79	2.46	1.16	4.30	3.45	1.69	1.17	2.897						
TOTALS	29.79	41.97	36.14	29.57	24.59	28.12	36.20	25.29	30.33	26.58	30.858						

Wall 13ft high 20ft distant S.W.

1882 Long Framlington 2 miles NE

Wall 15ft high 20ft E

1883 Wall 20ft. 20yds E.N.E.

1884 Breckburn Church $\frac{1}{2}$ mile S.W.

1886 Gauge sunk 3 inches in ground to prevent overthrow.

RAINFALL AT Rothbury Birnbeck

Lat.

Long.

County of Northumberland

Rain Gauge, by

Observer

A.H. Hadrian Esq

Malling Fenwick

Berrett 5

Diameter	8										
Height	12										
Altitude	2577										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.82	.73	1.65	.75		4.22	1.31	2.00	.71		
February	1.82	.00	1.80	1.52		3.27	1.14	1.16	1.10		
March	2.56	3.56	.74	.35		2.59	2.78	3.85	1.83		
April66	1.80	.38	.05		.55	.89		2.76		
May	2.07	2.40	2.16	.79		.46	1.13	4.94	1.42		
June	3.54	.32	3.94	1.63		2.11	1.90				
July	1.72	2.96	1.54	2.42		4.98	3.08	1.75		2.51	
August	7.23	5.18	4.51	1.97		4.06	2.19	4.80	1.13		
September....	1.58	3.11	2.19	2.11		1.02	3.53	1.53	1.63		
October.....	2.03	3.62	4.38	.83		6.90	9.03	1.00	6.61		
November....	4.57	3.10	1.11	1.76		2.69	1.10	2.58	3.43		
December....	2.83	3.19	.97	.46		1.88	3.29	2.31	3.04		
TOTALS . . .	32.43	29.97	25.37	(1500)	44.64	24.75	34.73	31.37	25.92	26.17	25.41 (20.58) *

28.112

1893 Unreliable, total 5 inches too small. S not measured in Jan'y, Feb'y, Nov. + Dec'.

1894 Details lost.

* from average sheet — probably doubtful

RAINFALL AT Rothbury Brinkburn Priory

Lat.

Long.

County of Northumberland

Rain Gauge, by

Observer Mrs Hugh Fenwick

Matthewson

Coquet - 5.

Diameter ..	8										
Height ..	1 2										
Altitude ..	257 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.33		2.45	4.60	3.87	(.50)	2.90		1.65	1.65	
February ..	5.36		.78	2.89	3.03	1.28	1.76		2.09	1.37	
March ..	1.20		1.56	1.89	1.75	2.71	1.70		4.00	5.55	
April	2.62		1.51	1.65	2.83	2.24	2.01		2.72	3.86	
May67		4.18	1.90	1.56	1.65	4.88		2.24	1.35	
June	5.67		2.85	1.98	1.91	.78	1.83		.31	2.67	
July	1.38		2.87	4.88	1.08	.60	1.57		1.90	2.27	
August	4.98		3.25	3.12	2.41	2.72	3.65		.82	2.09	
September ..	1.56		1.13	1.53	1.11	3.34	(7.18)		3.38	5.86	
October	4.59		2.29	6.99	(.50)	4.25	2		2.97	3.59	
November ..	3.92		2.28	2.96	3.14	5.84	3.55		.44	1.18	
December ..	1.23		5.61	3.22	3.20	.76	3.15		1.71	3.58	
TOTALS ..	38.51	Rained Last	30.76	37.61	25.89	26.90	34.18	31.73	24.23	35.02	

(3500)

1 month

RAINFALL at Rothbury Brinkburn Priory

County of Northumberland

Observer Wm H Fenwick

River Basin Coquet & C 5

Painted Glaisher Rain Gauge, by N+3

funnel $\left\{ \begin{array}{l} 7.98 \\ 8.02 \\ 7.95 \\ 7.99 \end{array} \right.$ glass broken to +30 in. & correct so far. (20 x 14)

Diameter ...	8											
Height	1	2										
Altitude ...	257	T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.03	3.90	3.36	6.09	3.03	2.61	2.56	3.02	3.62	3.34		
February ...	3.31	1.24	3.46	1.55	2.02	0.98	3.37	1.01	1.78	2.15		
March94	3.26	2.70	4.06	2.96	1.75	4.50	2.01	1.19	2.18		
April	2.29	2.22	.24	2.42	.78	.95	1.46	2.01	1.47	1.69		
May	1.65	1.14	2.11	2.66	1.68	1.49	2.91	1.77	2.91	.68		
June	2.03	6.00	5.74	1.95	2.93	1.62	2.67	1.33	1.20	1.00		
July	3.40	.54	3.15	.82	2.05	2.56	3.35	1.27	2.98	.56		
August	1.91	2.06	7.33	1.90	3.15	2.82	3.25	5.69	2.02	2.45		
September ..	1.83	2.45	2.78	2.12	.90	1.96	1.59	1.52	4.49	1.05		
October ...	2.92	3.68	4.04	1.41	2.36	1.94	3.65	3.07	2.55	4.99		
November ...	4.43	5.39	2.75	.48	4.32	2.56	4.41	1.46	1.23	4.39		
December ...	3.04	3.51	2.51	3.74	6.26	6.78	4.35	2.69	2.96	3.35		
TOTALS ...	30.78	35.39	40.17	29.20	32.39	31.02	38.07	26.85	28.40	27.77		

Inspected (Old painted Glaisher in walled garden standing on ground). Old says sometimes
when over 1 in. will be cut in. top brick wall soft N.E. Research of brick 16th
C. 20 x 14 Very good position. Was here 9 (?) years ago nearer wall & Sycamores (longill too sheltered)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Brinkburn	3mi	W	Brinkburn Longframton		

RAINFALL at Birkburn GardensCounty of NorthumberlandObserver Captain L. FlavellRiver Basin 5 - Coquet &c.pt. N. DunfordM.O. Rain Gauge, by

Diameter	5"
Height	1' 0"
Altitude	578'
Year	1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930
January	
February	
March	
April	
May	
June	.91
July	3.83
August	4.46
September	3.05
October	1.97
November	2.74
December	1.96
TOTALS	inches

1930 Observer was asked to find new size for this new g, as this one is worse
than the old (which gives low readings) f 816839/28.

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 from gauge	Direction	Parish Church.	Distance from gauge	Direction

RAINFALL at Pottery (Brickburn Priory)County of North'landObserver Capt L. FenwickRiver Basin 5 - Coquet &c.Type of Gauge Glacier

Annual Average 30.1 in. based on 4.3 years obs, un-weighted. Period of average 1931 - 1935 Ref. S.

G16829/26

Diameter	8"										
Height	1' 0"										
Altitude	267'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January					2.50						
February					2.11						
March					1.30						
April					3.80						
May					2.00						
June											
July					1.10						
August					2.78						
September					3.80						
October					3.80						
November					5.50						
December					2.40						
TOTALS					int. imp N.R.						

1931 return retained in file.

1921-30 low up

1931 return in file

N.R. 1972 Black Listed 16/3/73

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

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

RAINFALL at Rothbury (Brinkburn Priory) (new gauge)County of Northumberland Observer Capt. L. FenwickRiver Basin 5-bouquet w.c.

Type of Gauge.....

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

8/6829/28

Diameter	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height											
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	(2.27)										
February	(1.22)										
March	(1.62)										
April	2.46										
May	2.31										
June	2.70										
July	3.02										
August	2.75										
September	2.00										
October	1.01										
November	4.71										
December	1.97										
TOTALS	(27.04) <i>N.R. #</i>										

1931 May 20 less.

This was a lean gauge and was returned to 1934 I/33

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

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