

RAINFALL AT Traigside Hall Barn
Northumberland

Observer Sir W. G. Armstrong
Sper New N.S. Whaler

Rain { By
 Gauge Diameter 0 in. Height above Ground, / ft. in. Above Mean Sea Level 400 ft.

YEAR.....		MEANS.
January.....		1.95
February		1.68
March		3.41
April.....		1.87
May		3.40
June.....		2.35
July15
August.....		1.72
September....		2.25
October.....		2.78
November.....		1.89
December.....		3.29
TOTALS.....		25.54 26.94

RAINFALL AT Rothbury, Cragside

Lat..... Long..... County of Northumberland
 Sir W. J. Armstrong M.P. Observer Revd. H. J. Wheeler
 Rain Gauge, by.....

Diameter	8											
Height	1	1										
Altitude	409											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January	2.37	1.95	2.96	2.28	1.91	3.08	.81	4.47	3.25	3.10		
February	3.20	4.07	3.53	1.78	1.45	3.15	3.86	3.23	1.70	1.55		
March	2.35	.95	5.05	2.98	1.23	.96	2.60	5.60	1.17	1.42		
April	.98	4.25	5.62	1.27	1.25	1.13	6.21	4.96	2.19	3.19		
May	1.42	1.01	2.97	2.28	1.55	1.15	1.43	5.00	3.19	2.29		
June	1.31	2.79	1.83	1.30	2.50	1.64	.98	1.69	2.79	4.10		
July	1.46	1.14	3.64	2.46	3.30	1.51	.60	2.73	.32	6.42		
August	1.87	1.40	4.02	3.96	5.63	1.12	2.89	8.34	5.74	3.51		
September	.91	3.92	5.40	1.87	2.58	3.74	4.17	2.75	2.69	1.37		
October	4.35	3.00	6.53	2.66	2.35	5.88	1.89	4.09	2.70	1.02		
November	3.62	2.33	5.56	2.15	5.68	3.65	5.43	2.50	6.13	1.60		
December	5.40	2.58	7.92	.74	3.60	4.71	12.64	2.01	3.30	1.43		
TOTALS	27.24	29.39	55.03	22.72	33.03	31.72	43.51	47.37	35.17	31.00	(35.91)	

C C C

1878 Wall 12ft high 45ft distant & a few low bushes

1879 " 9ft " 40 " " N.W.

Rothbury church 1 mile S.W.

1873 - Brinckburn Priory

RAINFALL AT Rothbury, Cragside

80

Lat.

Lon.

County of

Northumberland

Rain Gauge, by

Observer Mr. McDerham

Boquett 5

Diameter	8											
Height	1.0										1.3	
Altitude	400 ft											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January68	2.15	1.33	3.06	4.56	2.70	6.04	1.82	.81	.94	2.409	
February	1.99	3.64	1.04	2.06	3.41	1.58	1.30	.55	3.35	1.74	2.066	
March	2.07	3.38	3.24	2.09	1.63	2.70	4.46	2.35	5.25	3.43	3.060	
April	1.35	1.78	4.41	2.12	2.28	2.78	2.27	1.22	2.46	5.17	2.524	
May	2.11	2.68	2.54	2.71	1.79	5.25	3.66	1.69	1.02	1.71	2.515	
June	1.12	2.70	4.40	2.60	1.20	.92	1.43	.27	2.89	.17	1.770	
July	4.37	3.87	2.50	5.22	4.10	1.24	4.25	2.45	4.90	2.53	3.543	
August	1.02	5.68	3.05	3.07	1.35	1.79	1.17	2.02	2.90	3.44	2.569	
September	4.58	5.24	2.61	4.29	2.10	3.39	2.38	5.31	1.26	1.97	3.315	
October	4.73	4.39	4.60	2.53	2.36	5.29	5.23	2.52	1.35	5.44	3.844	
November	3.15	2.90	4.51	1.36	2.46	3.11	5.94	4.10	6.42	.48	3.423	
December	2.63	4.52	4.60	2.22	2.79	1.57	4.53	3.99	1.88	1.20	2.993	
TOTALS	29.80	43.13	38.63	33.33	30.03	31.72	42.65	28.29	34.49	28.22	34.029	

1881. Rothbury 1 mile S.W.
1889 Wall of gable roof NW

RAINFALL AT Rothbury Cragside

Lat.

Lon.

County of Northumberland

Rain Gauge, by

Observer Lord Armstrong C.B.

Braynett 5

Diameter	8										
Height	10										
Altitude	400 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS,
January	2.35	1.86	1.49	1.39	2.75	6.06	1.38	3.59	.79	3.20	2.4861
February	1.86	.07	3.08	4.67	5.31	1.90	.80	1.55	1.00	2.17	2.241
March	2.98	5.24	1.58	.27	1.04	3.67	2.94	4.87	2.43	2.49	2.751
April79	2.32	1.26	.53	1.34	1.62	1.12	2.23	3.74	4.24	1.9191
May	2.17	2.49	3.80	1.58	3.72	.51	1.17	1.21	1.50	3.13	2.1281
June	5.06	.32	4.02	1.53	3.04	2.18	2.54	2.53	2.00	1.21	2.443
July	1.91	3.46	1.88	3.70	2.48	4.90	3.58	2.42	.87	2.79	2.7991
August	5.70	5.88	4.44	2.29	2.95	4.19	3.37	2.36	2.12	.99	2.424
September	1.65	3.58	2.27	1.91	1.64	.19	3.71	3.86	1.49	4.00	2.458
October	2.20	3.27	5.34	.74	6.06	7.27	8.75	1.86	7.67	2.13	4.624
November	5.20	3.02	1.65	3.56	1.12	3.25	2.22	2.91	4.85	2.41	2.022
December	1.44	4.66	1.00	1.84	1.96	2.92	7.38	2.69	2.49	4.35	3.072
TOTALS	33.34	36.17	31.81	24.01	33.41	38.66	39.16	32.08	30.95	33.11	33.270

1890 Rothbury Church 1 Mile SW 1880 -

1895 Wall 99 ft high 90 ft S.W.

* 1890 Copy back to me (Carrington Water 1914) 33.49

* 1899 - - - -) 33.17

RAINFALL AT Rothbury Bragside

Lat.

Lon.

County of Northumberland

Lord Armstrong

Rain Gauge, by

Observer W. Watson Armstrong Esq

M W Bertram

Coquet - 5.

Diameter ..	8										
Height ..	10										
Altitude ..	400 ft					405 ft					
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M EANS.
January ..	5.16	3.68	1.13	4.71	2.07	.57	3.15	.88	2.22	1.58	2.515
February ..	7.37	2.02	2.16	2.01	3.11	1.20	1.12	1.84	1.86	3.00	2.569
March ..	3.06	3.03	1.62	2.20	2.29	2.18	2.03	1.59	4.85	6.65	2.950
April ..	1.63	1.30	1.84	1.66	1.73	3.23	.89	2.97	3.37	3.46	2.208
May ..	1.53	3.53	3.60	1.93	2.81	1.05	5.82	4.56	2.37	1.90	2.910
June ..	4.03	1.38	2.28	1.87	1.80	1.21	2.34	3.57	.51	2.87	2.186
July ..	1.64	2.51	2.58	5.15	1.80	.68	1.77	1.58	2.63	2.41	2.225
August ..	4.79	3.38	1.53	2.80	2.52	4.94	4.27	2.48	2.68	3.05	3.244
September ..	1.01	1.37	1.45	2.89	1.32	2.24	.79	.37	2.29	2.22	1.595
October ..	6.06	2.13	2.10	9.55	.46	4.31	7.98	7.68	3.15	3.07	4.649
November ..	5.07	6.41	2.38	2.38	3.34	6.88	3.81	2.68	1.68	.74	3.487
December ..	2.67	3.81	5.38	3.34	2.50	.89	2.66	3.92	1.88	4.19	3.124
TOTALS ..	44.02	34.55	28.05	40.49	25.25	29.38	36.13	34.12	29.49	35.14	33.662

D D S S S

1901 Rothbury Church 1 mile S.W.

Wall 92 ft high 90 ft W

Rothbury Platton 1/4 mile S

* 1900 copy sent 11-14 (Washington Water) 144.15

RAINFALL at Rothbury Cragdale

County of Northumberland

Observer Mr W Bertram

River Basin Cognel & C 5

M.H. Hudson (1916)

Japanned tin M.O. Rain Gauge, by N.Y. 3
S & S.

M.H. Hudson (1916)

funnel { 8.00
8.00
7.99 glass correct except a little high at .600 (.20 x .4)

Diameter ...	8									
Height	1.0									
Altitude ...	4057									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	3.26	2046	4.29	4.74	2.35	2.50	2.41	3.39	4.26	4.79
February ...	3.02	1.26	3.40	1.17	2.40	4.56	3.69	1.26	1.51	2.46
March92	3.28	3.03	4.35	3.38	2.06	4.95	2.56	1.05	2.51
April	2.32	1.76	.20	3.26	.67	.83	1.49	3.04	1.73	1.53
May	2.40	1.23	1.89	3.42	2.00	1.86	2.59	1.66	2.80	.78
June	1.19	6.00	5.45	2.47	3.64	.52	2.20	1.79	.56	.86
July	3.87	.56	3.21	.83	2.73	4.31	3.50	1.32	3.18	1.56
August	3.65	2.28	5.52	2.17	1.87	2.19	2.96	6.30	1.34	2.58
September82	2.09	2.80	2.28	1.00	2.00	2.32	1.21	3.42	1.27
October ...	2.87	4.58	4.21	2.30	3.69	2.19	3.63	2.39	3.00	6.15
November ...	4.27	4.64	2.75	1.58	4.57	2.50	4.76	1.57	1.94	6.17
December ...	3.01	4.44	2.65	1.86	6.63	6.68	4.14	2.96	2.67	4.10
TOTALS ...	31.10	34.58	39.40	30.43	34.93	32.20	38.64	29.45	27.46	35.49
	3	2	1	2	2	2	2	2	2	d

1914 Shrubs 12-91 high 36 yds x 15.

1917 recd. U. 19 entd. 1919.

* Sep. 1918 Almost certainly 200 in. short, but Obs. Davis

Inspected { Perfectly sound gauge on terrace facing south with low parapet 1ft 6in high
C.S. 20 x 14 about 6ft S. Small fir trees on W. but safely distant, a fully open position but not over exposed. Obs. very keen experience

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<i>Rothbury</i>	1 m 2	SW	<i>Rothbury</i>	1 m 2	SSW W

RAINFALL at Rothbury Cragside

County of Northumberland

Observer Mr. H. Hudson

River Basin Coquille & C. S.

Miss L. Hudson (1921)

Japanized tin M.O. Rain Gauge, by N. & G.

Diameter	8									
Height	1.3									
Altitude	405									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January	2.73	5.03	4.20	1.85	2.83	1.90				
February	1.73	4.46	2.52	4.29	1.64	5.48				
March	2.75	1.34	2.82	1.58	.96	2.36				
April	3.42	.79	2.39	2.34	2.13	3.11				
May	3.56	2.34	1.07	2.35	5.40	3.24				
June99	5.52	1.32	.76	2.28	.13				
July	3.45	1.95	4.80	1.75	5.95	2.60				
August	2.69	5.62	1.63	3.98	2.51	3.02				
September	1.41	1.75	4.21	2.26	2.83	3.73				
October	2.31	2.73	2.03	2.64	3.79	2.21				
November	1.09	3.13	1.09	4.55	1.56	2.43				
December	6.16	2.07	4.19	2.41	2.86	4.95				
TOTALS...	32.29	27.73	31.97	30.75	34.74	35.16	#			
	7	8	9	9	10	11				

1920 Shrubs 30' ds E

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
1920			Rothesay	1 mi	W	Rothesay	1 mi	W