

RAINFALL AT

Bothwell Castle

Y239

Source

From The Monthly Magazine, Jan 1871, Vol. xxxi. p. 162

Observer _____

Rain { By.....

Gauge { Diameter.....in. Height above Ground.....ft.....in. Above Mean Sea Level.....ft.

YEAR.....										1879	MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS										24.44	

Hyd. Sta. No 71-656505

NSR. No (26) 691594

Alt 44m

Bothwell Castle

4203

Lanark.

150 a

Clyde, Rank - 4.

YEAR - -								1807	1808	1809	MEANS.
January - -								1.08	1.28	1.56	
February - -								1.83	1.46	2.87	
March - - -								1.79	1.26	1.34	
April - - -								1.58	1.92	1.78	
May - - -								3.82	1.89	2.94	
June - - -								1.79	1.58	1.84	
July - - -								2.27	1.88	1.55	
August - -								2.94	5.83	4.47	
September -								3.82	.66	2.78	
October - -								3.35	3.34	.95	
November -								2.05	1.99	1.17	
December -								1.02	1.51	3.19	
TOTALS -								25.34	24.60	24.44	

7-9 Apr 10-27

Hyd. st. No 71-656505
NGR NS(26) 691594

Rainfall at Bothwell Castle
7m SE of Glasgow

Y203

U 10
Lanark.

Observer

150a

Gauge
close. R. bank - 4.

Above Sea Level

YEAR --	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January --	1.77	2.46	1.46	1.72	.08	.89	2.50	3.40	4.47	4.21	2.396
February --	1.45	3.30	2.46	4.30	1.15	2.28	1.45	3.63	2.54	2.37	2.513
March ---	2.47	1.43	2.32	1.30	.88	2.88	1.85	3.67	2.78	1.69	2.127
April ---	.77	2.57	.97	.90	2.79	.74	.75	.26	1.59	2.79	1.417
May ----	.71	3.64	1.48	2.76	.04	2.76	1.82	3.81	1.48	2.04	2.054
June ----	1.96	2.13	2.63	.84	.10	1.59	1.45	2.92	2.47	1.53	1.762
July ----	3.64	2.59	1.76	3.47	1.85	2.04	5.92	2.10	4.49	1.15	2.901
August ---	2.41	3.51	2.67	.57	2.89	2.60	1.28	3.71	.97	1.50	2.195
September -	.62	1.37	1.71	1.40	.81	2.33	3.28	1.43	2.21	1.47	1.663
October --	1.81	2.83	3.55	2.53	3.25	3.28	1.77	1.24	2.47	4.91	2.764
November -	3.33	3.75	3.99	1.91	3.17	1.91	1.62	3.48	2.89	3.00	2.905
December -	4.07	3.50	.15	1.02	4.61	1.38	2.22	2.90	1.77	1.03	2.265
TOTALS -	25.01	33.88	24.99	22.72	21.62	24.68	25.91	32.55	30.13	27.89	26.862

5. Clelands H. 6-11
0-2 of B. 10-30

Hyd. Sta. No 71-656505

N.G.L. 15 (26) 691594

1815-1818 agree with old ppt

Bothwell Castle
7 Miles SE of Glasgow

Rank.

Y176

150a

Clyde, Rank-4.

YEAR - -	1820	1821									MEANS.
January - -	1.70	1.99									
February - -	.91	.65									
March - - -	1.32	3.40									
April - - -	.93	2.23									
May - - -	5.32	2.03									
June - - -	1.70	.02									
July - - -	2.00	2.25									
August - - -	2.02	1.89									
September -	2.90	2.57									
October - -	2.27	3.20									
November -	1.24	5.41									
December -	2.20	4.36									
TOTALS -	25.31	30.00									

Hyd. Sta. No. 71-656505

N.G.R. Ns(26) 691594

Alt 44m

Rainfall at Bothwell Castle, Lanark

S.W. 30

4376

80 feet

Clyde, Rbank - 4.

YEAR - -	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January - -					4.80						
February - -					2.20						
March - - -					2.59						
April - - -					1.31						
May - - - -					1.00						
June - - - -					2.37						
July - - - -					1.33						
August - - -					2.31						
September -					3.69						
October - -					1.70						
November -					2.80						
December -					1.10						
TOTALS -					26.20						

4 Stat Acct - 2-27

Hyd. Sta. No 71-656505

N.R. No (26) 691594

Alt 44 ft

Bothwell Castle

40

Lennox.

Mps. Ret: No. 150

Gauge by
 Clyde, Rank - 14.

10 in diam.; 10 ft + Ground; 147 ft + M.S.L.

YEAR - -				1844	1845	1846	1847	1848	1849	MEANS.
January - -				1.91	2.53	2.78	1.61	1.36	4.70	
February - -				3.43	1.39	1.92	1.22	5.92	1.75	
March - - -				3.71	1.47	3.16	.54	2.40	1.10	
April - - -				1.29	1.23	2.15	2.75	1.08	1.83	
May - - - -				.14	1.32	1.74	3.59	.78	3.11	
June - - - -				4.77	3.10	4.45	2.75	3.82	1.02	
July - - - -				2.68	2.08	4.05	1.90	2.38	1.60	
August - - -				4.25	2.50	4.38	1.07	2.40	2.75	
September -				1.93	3.61	2.81	2.07	.96	1.48	
October - -				1.30	5.03	3.95	3.90	3.50	1.72	
November -				3.95	4.07	2.22	3.17	4.40	4.36	
December -				.20	4.29	.73	3.70	2.92	1.02	
TOTALS -				29.56	32.62	34.34	28.27	31.92	26.44	

Hyd. Sta. No. 71-656505

NGL: NS (26) 691594.

alt. 44m

Boswell Castle

50

Lenark.

Mp. Net. No 150

Gauge by
Clyde, Rank - 4.

10 in diam.; 18 ft + ground; 147 ft + m.s.l.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	2.00	6.05	5.58	3.92	3.27	.37	2.13	1.90	2.54	3.82	3.158
February - -	4.70	1.41	3.56	.79	1.64	.63	3.02	.92	1.05	3.84	2.156
March - - -	.43	3.90	.45	.23	1.75	1.24	.16	2.05	1.19	4.31	1.571
April - - -	1.74	1.51	.74	1.26	.59	.86	1.40	2.05	1.44	3.27	1.486
May - - - -	2.62	.60	2.30	.59	3.84	.64	3.24	1.36	1.93	.51	1.763
June - - - -	3.00	1.43	2.12	3.36	3.23	1.97	3.23	3.43	2.71	1.68	2.616
July - - - -	2.40	2.15	4.25	3.54	3.23	3.50	1.78	1.41	3.88	1.76	2.790
August - - -	2.80	3.51	4.00	2.65	1.98	2.69	3.69	1.20	2.05	1.65	2.622
September -	5.45	.65	1.40	2.20	1.56	.49	2.61	2.02	2.61	3.42	2.241
October - -	.62	2.71	2.00	3.80	3.42	4.52	1.10	1.79	4.52	3.52	2.800
November -	2.57	1.00	3.89	1.68	1.91	.90	.65	2.04	.85	2.28	1.785
December -	3.00	.85	6.76	.59	3.73	1.99	3.74	2.58	2.16	2.29	2.767
TOTALS -	31.33	25.77	37.05	24.61	30.15	19.88	26.75	22.75	26.93	32.35	27.757

Hyd. Sta. No. 71- 656505

NGR. NS (26) 691594

alt. 44m

Bothwell Castle
Lanark

Andrew Swinburn

146.67

250.62

65 = 146.67

Sie 10 in + Ground 18 feet
Clyde, Rbank - H.

+ Sea Level 147 feet

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.67	1.53	4.15	5.13	1.95	1.60	4.84	1.71	5.50	2.85	3.293 +
February - -	2.14	2.52	1.10	2.02	2.17	1.09	3.80	2.80	3.81	3.84	2.529
March - - -	2.44	4.17	3.47	.80	3.42	1.28	1.18	.87	3.09	.52	2.126
April - - -	.90	.55	2.62	2.62	1.51	.56	1.54	2.83	2.72	.96	1.681 -
May - - - -	1.72	.60	4.23	2.07	1.30	3.33	1.34	1.87	2.00	.77	1.923
June - - - -	3.00	2.49	3.05	2.66	1.50	.40	1.86	1.57	.62	2.39	1.934
July - - - -	2.24	3.01	2.71	.66	2.70	2.30	3.59	4.84	.02	1.20	2.407
August - - -	2.12	2.11	3.09	2.42	1.03	4.30	3.14	2.56	3.15	.91	2.483
September -	.56	1.25	2.37	2.87	3.59	.70	4.13	2.66	1.57	4.02	2.372
October - - -	3.00	.86	1.33	3.25	2.87	3.65	1.57	3.30	3.34	1.12	3.009
November -	1.41	3.65	2.10	2.18	2.04	2.25	2.89	.77	2.30	2.59	2.218
December -	2.02	1.90	3.74	3.64	1.48	2.24	3.97	1.80	4.90	3.15	2.892
TOTALS -	26.02	25.44	38.96	30.32	25.56	23.70	33.85	27.66	33.02	24.32	28.885

✓ ✓ + ✓ ✓ ✓ - ✓ ✓ ✓ ✓

Taken daily at 9 p.m.

1868 though this is likely to be looked back to as a dry year by many, we have had a fall of 4.172 in more than the average of last 24 y^{rs}.

Hyd. Sta. No. 71-656505

NGR: NS (26) 691594

alt. 444ms

RAINFALL AT Hamilton Bothwell Castle

Lat.

Lon.

County of LancashireRain Gauge, by Clyde, R. bank - 4.Observer W. A. Turnbull

Diameter	10								10		
Height	18										
Altitude	146				146					164	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.71	2.00	4.09	4.34	2.70	4.29	1.71	6.92	3.42	1.30	3.368
February.....	2.21	2.25	2.85	.67	.90	1.17	4.11	3.42	.93	1.17	1.968
March.....	.71	1.99	1.68	2.05	1.82	1.39	3.58	1.60	.94	2.96	1.872
April.....	.83	2.60	.68	.36	1.37	1.05	1.77	2.30	2.37	1.63	1.496
May.....	1.62	.69	2.42	2.36	2.44	.91	.69	1.41	3.57	1.93	1.804
June.....	1.52	.92	6.86	1.27	2.37	1.95	2.50	2.17	1.48	4.95	2.599
July.....	2.05	3.64	6.67	4.85	3.14	1.67	2.36	3.33	.50	3.02	3.123
August.....	.97	5.83	3.84	3.94	4.82	2.42	4.26	6.25	2.62	4.69	3.964
September.....	2.21	1.51	6.54	3.75	4.00	3.37	2.48	1.11	3.83	2.42	3.122
October.....	2.57	2.04	2.55	4.78	4.57	4.15	5.08	3.15	3.34	1.78	3.401
November.....	1.83	2.16	4.10	2.00	3.22	3.29	2.85	3.88	1.86	1.15	2.634
December.....	1.76	2.59	4.05	1.97	1.31	2.46	3.45	2.36	2.05	1.65	2.365
TOTALS.....	21.19	28.22	46.33	32.34	32.66	28.12	34.84	37.90	26.91	28.65	31.716

1871 Aug. 18th 2.31 in. fell 2.00 partly fell in little more than one hour doing much damage the pressure against a well (the perch in which was too small to carry it off) was so great as to cause the fall of 40 ft. of it

1879 Trees 50 ft high 60 ft E.

Bothwell church 1 mile E

Hyd. Sta. No. 71-656505

NGR: NS (26) 691594

alt. 44m

RAINFALL AT *Hamilton, Bothwell Castle*

Lat. _____

Lon. _____

County of _____

Lanark

Rain Gauge, by _____

Observer *W^h A. Turnbull*

Clayde, R. bank - 14

Diameter	10										
Height	18.0										
Altitude	1467										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.24	.50	2.97	4.01	4.60	1.90	1.96	1.55	1.89	1.41	2.203
February	1.05	2.65	2.32	1.08	3.34	2.44	1.27	1.98	.49	1.30	1.812
March	2.15	2.04	3.10	.68	1.95	1.01	1.81	1.44	1.91	.88	1.697
April	3.10	.81	1.93	2.00	.96	.97	.97	1.48	.89	1.30	1.441
May .....	.91	2.18	2.20	1.20	2.45	2.92	2.67	.89	2.03	2.97	2.042
June	1.04	1.75	3.47	2.17	.79	.54	1.01	.55	1.71	.54	1.857
July	3.67	3.27	3.10	2.66	5.71	.87	2.85	2.13	5.43	2.30	3.199
August .....	.41	2.42	1.55	3.68	2.13	2.63	1.40	2.93	1.13	3.62	2.190
September....	3.08	1.56	2.73	3.14	2.35	3.81	3.43	3.00	.30	.15	2.355
October	1.01	1.11	3.57	3.24	2.15	2.70	1.25	1.55	.13	1.77	1.848
November....	3.54	3.42	4.37	4.40	2.54	1.67	2.12	1.95	3.87	1.42	2.930
December	2.25	2.45	3.05	2.83	4.57	1.11	2.97	2.38	2.23	2.40	2.624
TOTALS	23.45	24.16	34.36	31.09	33.74	22.57	23.71	21.83	22.01	20.06	25.698

1880. Bothwell

1 mile

E

Trees 60 ft high 150 ft N + E

Hyd Sta. no. 71-656505

NGR: NS (26) 691594

alt. 442

RAINFALL AT *Bothwell Castle*

Lat. _____

Lon. _____

County of *Lanark*

Rain Gauge, by _____

Observer *Mr W F Archibald*

Clyde, R. Bank - 14.

Diameter	10										
Height	18 0										
Altitude	146 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.83	1.62	1.50	.80	3.09	.97	1.09	.74	1.59	5.21	2.144
February ....	.62	.32	1.69	2.43	6.14	.25	1.37	2.69	2.21	1.87	1.959
March	1.46	2.48	.50	1.24	2.30	1.66	3.09	3.46	1.12	3.30	2.071
April .....	.94	.33	.74	1.20	1.60	1.25	1.50	1.60	.65	2.50	1.231
May	2.64	1.22	2.93	2.96	2.25	.34	.92	1.45	1.80	3.20	1.972
June	2.15	.98	3.19	1.73	2.71	1.36	3.94	5.03	3.35	1.96	2.640
July	2.79	.66	1.80	3.05	2.45	4.70	3.40	1.39	.96	3.16	2.436
August	3.22	2.46	6.41	2.53	4.24	5.72	1.70	2.67	4.95	.57	3.447
September....	3.04	3.88	2.52	1.83	.14	.54	3.63	2.06	3.65	3.65	2.489
October	1.94	2.89	3.38	2.70	2.68	1.60	3.67	1.42	3.50	2.40	2.618
November....	4.80	2.68	1.99	2.08	2.10	3.65	.90	2.92	4.38	4.20	2.970
December	1.45	5.87	.94	3.01	2.60	3.70	3.40	5.31	5.25	2.19	3.372
TOTALS	29.88	25.35	27.59	25.66	32.30	25.74	28.61	30.74	33.41	34.21	29.349

Hyd. Sta. No. 11- 656505

NGR: NS (26) 691594

alt. 44m

1850

RAINFALL AT Bothwell

Lat.

Lon.

County of Lanark

Rain Gauge, by

Observer Dr. Buchanan F.R.S.

Clyde, Rebank - 14.

J. T. Wilson Esq. M.P.
Secy. M.A.S. Soc.

Diameter ..	...			5							
Height ....	...			0.9							
Altitude ..	...			150 ft							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	4.81	2.26	3.07	8.05	3.79	1.89	4.27	2.04	3.59	4.47	3.8214
February ...	2.35	1.33	.94	6.91	2.07	2.25	2.01	2.35	1.48	1.39	2.308
March ....	.31	2.56	2.31	7.70	1.56	3.71	3.72	3.56	3.67	1.73	3.083
April	2.06	2.85	.64	1.59	4.18	1.95	.99	1.51	1.58	2.29	1.964
May	2.04	1.77	2.16	1.79	2.21	1.15	3.98	4.16	1.95	1.74	2.295
June	4.39	2.54	1.68	1.60	1.15	.35	.70	3.09	1.75	2.16	1.941
July	3.16	1.80	2.65	3.29	2.25	3.33	1.76	2.66	1.97	2.68	2.555
August	4.07	3.46	1.61	5.17	3.61	2.46	4.55	3.83	2.17	2.00	3.293
September..	3.16	2.10	2.76	2.55	2.21	2.35	1.32	.62	2.83	1.43	2.133
October	5.23	3.95	1.57	6.12	1.33	1.94	5.08	5.76	.80	4.28	3.606
November ..	6.09	3.33	1.32	2.24	1.13	2.62	3.43	1.57	2.59	1.73	2.605
December ..	7.51	4.00	3.50	2.23	3.02	2.63	2.64	4.00	1.88	3.73	3.514
TOTALS ..	45.18	31.95	24.21	49.24	28.51	26.63	34.45	35.15	26.26	29.63	33.121

1908 Bothwell Church 2350 ft

NNW

Station 2760 -

NNW

H.W.

RAINFALL AT *Boswell Castle*

Lat.

Lon.

County of *Lanark*

Rain Gauge, by

Observer *M. W. F. R. Archibald*

M. W. F. R. Archibald

Clyde, R. bank - Lt.

Diameter ..	10										
Height	18 0										
Altitude ..	146 7										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	5.03	1.96	2.55		1.38						
February ..	3.06	1.35	.87		1.49						
March ....	.53	2.06	1.80		1.13						
April	1.63	1.76	.65		2.56						
May	2.25	1.60	1.49		2.00						
June	4.13	2.21	1.70		1.24						
July	4.90	1.73	2.82		1.80						
August	4.75	3.09	1.47		3.14						
September..	4.80	2.14	2.91		1.79						
October....	6.20	3.86	1.38		1.40						
November..	5.70	3.35	1.70		2.12						
December ..	4.75	3.65	3.22		3.32						
TOTALS ..	47.73	28.76	22.56		23.37						

*average computed from records 1881-1904 rejected
from surveys 3" too low.*

Hyd. Sta. No. 71- 656505

NGR: NS (26) 691594

alt. 44m

RAINFALL at

Bothwell

County of Lanark

Observer Dr. J. F. Wilson

River Basin Clyde Right bank tribs. 4.

Rain Gauge, by

Diameter ...	5										
Height	0 9										
Altitude ...	150 ∇										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.91	2.54	1.64	2.65	2.28						
February ...	4.17	5.72	1.96	2.58	3.56						
March	1.75	1.39	3.28	3.94	3.92						
April	3.98	2.28	1.29	2.69	2.13						
May	1.59	1.95	.93	2.66	1.76						
June	2.40	1.70	4.74	3.23	.73						
July	3.72	1.65	2.09	.85	2.87						
August	5.46	(2.06)	2.92	1.35	2.72						
September ..	.65	1.95	1.88	2.46	1.17						
October ...	1.61	3.11	2.86	1.54	1.25						
November ..	2.71	5.36	3.16	4.61	4.37						
December ...	3.04	5.39	7.16	4.09	5.09						
TOTALS ...	34.99	(35.10)	33.91	32.55	31.85	N.R.					

D D D

1911. Aug. corrected for loss by upsetting.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Bothwell	$\frac{1}{2}$ mile	NW.	Bothwell	$\frac{1}{2}$ mile	NW.

RAINFALL at

Bothwell

County of Lanark

Observer Dr. J. T. Wilson

River Basin Clyde - Right bank trib. 4.

Rain Gauge, by

Diameter ...	5										
Height	0 9										
Altitude ...	150 ∇										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.91	2.54	1.64	2.65	2.28						
February ...	4.17	5.72	1.96	2.58	3.56						
March	1.75	1.39	3.28	3.94	3.92						
April	3.98	2.28	1.29	2.69	2.13						
May	1.59	1.95	.93	2.66	1.76						
June	2.40	1.70	4.74	3.23	.73						
July	3.72	1.65	2.09	.85	2.87						
August	5.46	(2.06)	2.92	1.35	2.72						
September ..	.65	1.95	1.88	2.46	1.17						
October ...	1.61	3.11	2.86	1.54	1.25						
November ..	2.71	5.36	3.16	4.61	4.37						
December ...	3.04	5.39	7.16	4.09	5.09						
TOTALS ...	34.99	(35.10)	33.91	32.55	31.85	N.R.					

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1911. Aug. corrected for loss by upsetting.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Chureh.	Distance.	Direction.
1911.			Bothwell	$\frac{1}{2}$ mile	NW.	Bothwell	$\frac{1}{2}$ mile	NW.