

RAINFALL AT Cookstown Lissan ^{Zyrene}

Lat.....

Lon.....

County of Londonderry

Rain Gauge, by.....

Observed Mr N. Staples Esq

Rain, L. height W - 2.

Diameter.....				5							
Height.....				4							
Altitude.....				300						320	
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				5.62	3.27	7.41	2.54	8.01	5.59	2.44	
February.....				1.51	2.01	1.40	4.70	3.93	2.68	2.03	
March.....				2.76	2.47	1.92	5.04	3.48	2.43	2.73	
April.....				.90	3.00	.53	2.84	3.86	3.27	2.75	
May.....				3.17	1.93	3.11	.63	2.85	4.71	3.11	
June.....				2.80	1.65	3.16	3.01	3.02	4.97	5.32	
July.....				5.56	4.08	3.20	2.48	4.33	.33	5.53	
August.....				5.78	4.66	4.02	3.48	5.91	4.00	3.74	
September.....				2.62	4.75	4.68	5.18	2.38	3.76	4.77	
October.....				5.79	4.77	5.69	5.38	5.74	5.42	(2.22)	
November.....				5.03	4.86	6.16	4.56	6.35	3.67	1.05	
December.....				1.98	4.50	2.97	8.42	6.05	3.63	(2.23)	
TOTALS.....				43.32	41.95	44.25	48.26	55.91	44.46	(37.92)	

See next sheet. Slight discrepancies not explained. ^{cs.} ^{13.1.09}

"The rain gauge is one similar to those used in Scotland. It is 5 in in diameter placed on grass plot 1 in above the hard ground and 60 ft from the nearest garden wall which is nearly due East. There are no trees South North or West but small garden plants. The record is taken each morning but I notice a mistake I fear I have made in recording the fall that I have recorded on the 1st of a month that which was measured that day. This will make no difference in the annual fall and little in the monthly. Lissan lies at the foot of Slieve Gallen mountain which is 1700 ft above the sea 3 miles nearly due north of Lissan. There is a good deal of large timber in the Demone and it appears to me that much of the rain from S.W. is caught by the crests of hills."

Extract from a letter from N. Staples Esq dated Sept^r 15th 1874

1879 Oct^r & Dec^r Gauge leaky amount computed

RAINFALL AT *Cookstown, Lissan*

Lat. Lon. County of *Tyrone*

Rain Gauge, by

Observer

*J. H. Staples Esq.**Rain, L. height W-2.*

Diameter....					5							
Height.....					10							
Altitude.....					300							
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....					3.26	7.41	2.54	8.01	5.59	2.44		
February....					2.01	1.40	4.79	3.93	2.68	2.07		
March.....					2.47	1.92	5.04	3.48	2.43	2.73		
April.....					3.56	.53	2.84	3.86	3.27	2.75		
May.....					1.93	3.11	.63	2.71	4.71	3.11		
June.....					1.65	3.16	3.01	3.02	4.97	5.32		
July.....					4.08	3.20	2.48	4.33	.33	5.43		
August.....					4.66	4.02	3.48	5.91	4.00	3.74		
September...					4.81	4.61	5.18	2.38	3.76	4.77		
October.....					4.77	5.70	5.38	5.74	5.42	2.22		
November...					4.86	6.16	4.56	6.35	3.67	1.45		
December....					4.50	2.97	8.42	6.05	3.63	2.23		
TOTALS....					42.56	44.19	48.35	55.77	44.46	38.26		

See previous sheet. Slight discrepancies not explained. 12. II. 09

Recd. from A. Watt (Sect. Met. Soc.) 12. II. 1909. Entered 12. II. 1909.

Cookstown Sta 3 mi S.E.

RAINFALL AT Cookstown, Lissan

Lat.

Lon.

County of Tyrone

Rain Gauge, by

Observer

J. H. Staples Esq.Bann, L. height W - 2.

Diameter	5											
Height	- 10											
Altitude	300											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.53	.82	2.66	.61	7.37	3.60	5.43	2.81	2.62	3.93	3.138	
February ...	3.25	4.73	3.30	4.90	4.33	4.43	3.26	2.26	.98	3.92	3.536	
March	2.90	4.19	4.46	2.57	4.11	2.69	3.67	2.05	4.76	2.20	3.260	
April	4.69	2.09	4.46	1.86	2.03	3.12	2.11	1.97	(1.00)	3.97	2.730	
May	1.41	2.30	2.60	.83	3.35	2.74	4.15	2.10	3.65	3.72	2.685	
June	3.78	4.45	3.95	.75	.75	1.22	2.33	1.17	4.46	.43	2.329	
July	4.96	3.36	7.48	3.44	3.15	1.94	3.71	3.10	6.10	3.34	4.058	
August	2.08	4.34	2.92	4.70	3.59	2.10	2.79	3.12	4.36	5.93	3.593	
September...	3.83	3.15	4.23	6.78	3.98	6.38	3.57	3.89	2.07	3.12	4.100	
October	1.47	3.73	4.40	5.26	4.21	4.47	5.98	2.50	1.76	4.23	3.801	
November ...	5.03	4.96	7.56	5.43	4.20	2.68	3.71	3.00	5.22	3.15	4.494	
December ...	2.88	4.46	4.17	3.30	4.67	2.88	6.55	3.91	3.90	3.94	4.068	
TOTALS ...	37.81	42.58	52.19	40.43	45.76	38.25	47.26	31.88	(40.88)	41.88	41.892	

Recd. from Mr. A. Watt (Sec. Met. Soc.) 12. II. 09. Entered 12. II. 09.

Apr. 1888 at ⁵ for annual map.

Cookstown Station

3 miles SSE

RAINFALL AT Cockstown, Lissan.

Lat. _____

Lon. _____

County of _____

Tyrone

Rain Gauge, by _____

Observer _____

J. H. Staples Esq.

Barr, L. heagh W-2.

Diameter	5											
Height	- 10											
Altitude	300											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.65	2.79	4.00	3.35	6.13	3.77	2.57	1.66	2.45	4.09	3.646	'
February	1.39	.57	2.46	4.31	5.88	.50	2.75	4.14	4.11	3.52	2.963	
March	3.48	2.56	1.10	2.34	3.49	4.88	5.66	5.80	1.23	2.85	3.339	'
April	2.08	3.39	1.18	1.69	3.67	1.92	2.49	3.21	4.33	4.44	2.840	
May	2.22	4.16	5.03	1.47	2.95	.77	.72	3.10	4.35	4.52	2.929	'
June	3.31	2.80	4.76	1.98	3.19	2.33	3.90	7.17	3.54	2.35	3.533	
July	3.08	2.84	2.81	2.89	4.13	4.65	5.93	2.27	.47	3.19	3.226	'
August	4.73	6.49	5.66	5.28	2.46	5.92	2.47	4.92	4.92	2.39	4.524	
September....	3.98	4.09	4.06	2.96	.15	.57	5.12	2.30	4.22	3.76	3.121	
October.....	2.64	4.38	4.58	4.22	5.49	4.24	4.24	3.19	4.60	2.26	3.984	
November....	9.71	3.16	5.15	3.35	3.17	4.42	1.78	3.13	5.04	3.55	4.246	'
December	1.98	6.22	3.11	5.05	4.79	5.68	5.45	5.88	4.69	6.08	4.873	
TOTALS . . .	44.25	43.45	43.90	38.89	45.50	39.65	43.08	46.77	43.95	(43.00)	42.244	

*copied into
transmission station*

Recd from Mr. A. Watt (Sec. Met. Soc.) 12. II. '09. Entered 12. II. '09.

Cockstown Station

3 miles SSE

1899 distributed by the station The Hyman

RAINFALL AT *Cookstown, Lissan*

Lat. *54° 41' N.*

Lon. *6° 45' W.* County of *Tyrone*

Rain Gauge, by

Observer

J. H. Staples Esq.

Renn, L. height w. - 2.

Diameter	5										
Height	10										
Altitude	300										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January	(4.50)	4.58	3.11	6.91	4.18	3.10	4.33	1.98	3.40	3.54	3963
February	(2.50)	1.88	3.23	3.74	4.95	2.96	3.44	3.45	3.12	2.28	3155
March	1.04	3.57	2.77	5.78	2.69	4.75	3.34	5.39	4.40	4.60	3833
April	3.75	2.68	3.11	1.73	3.65	2.10	3.22	2.72	3.58	4.46	3100
May	3.86	1.76	4.46	2.28	2.49	1.75	4.72	4.99	2.61	2.69	3161
June	5.05	2.87	2.94	1.64	2.02	3.13	1.10	5.93	1.99	1.98	2865
July	3.57	1.24	3.75	4.38	3.78	2.30	2.94	3.82	3.75	2.82	3235
August	4.55	3.74	3.29	5.91	4.90	5.84	3.95	4.36	2.86	2.32	4172
September	3.04	5.17	2.74	3.49	4.49	2.06	1.62	1.03	4.79	1.94	3037
October	5.76	5.17	2.21	6.56	1.96	1.89	4.71	4.50	2.34	4.46	3956
November	6.20	4.38	4.15	3.03	3.50	3.93	3.74	3.84	4.33	1.46	3856
December	3.94	4.05	3.91	3.84	3.17	3.08	4.70	4.36	4.26	3.91	3922
TOTALS	(47.76)	41.09	39.67	49.29	41.78	36.89	41.81	46.37	41.43	36.46	42.255

Back years 1874-1907 recd. from Mr. A. Watt (Scot. Met. Soc.) 12.II.'09
Entered 12.II.'09.

Jan & Feb 1900 est^d for annual map.

Cookstown Station 3 miles SSE.

1909 Lissan Church 3 miles SW.

RAINFALL at Cookstown Lissan HouseCounty of TyroneObserver J.H. Staples EsqStantonRiver Basin Bann Lough Neagh Sect 2

Rain Gauge, by _____

Diameter ...	5										
Height	0 10										
Altitude ...	200		310								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.65	1.74	3.86	4.79	2.33	3.58	2.39				
February ...	4.22	3.21	2.95	1.75	4.24	4.46	4.00				
March	2.24	1.38	4.33	3.39	5.56	.80	1.22				
April	2.37	1.89	1.24	3.49	1.27	2.80	4.58				
May	2.04	2.16	1.40	3.69	1.30	1.25	4.34				
June	3.77	1.74	4.41	2.55	.79	2.81	1.89				
July	3.37	2.65	3.82	1.44	1.71	3.63	.87				
August	5.82	2.21	4.10	1.03	3.57	3.11	3.05				
September ..	1.78	1.63	1.09	2.90	1.24	1.15	1.02				
October ...	1.73	2.97	3.45	2.95	1.61	2.52	6.67				
November ..	3.45	4.95	2.93	2.69	5.12	2.06	3.45				
December ...	3.50	5.00	4.77	2.88	5.80	6.16	2.32				
TOTALS ...	38.05	31.53	38.35	33.55	34.54	34.33	35.80	NR			
	D		D	D	D	D	D				

1913 Bann Lough Neagh 15 7/8 N
from home 20. 20. 5

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	54.41	6.45	Cookstown	3 m	SE SW	Lissan $\frac{1}{2}$ m further E	1 1/2 m	N