

RAINFALL AT Bunrana Rockfort

70

Lat.

Long.

County of Donegal

Rain Gauge, by

Observer T. Colquhoun Esq.

L. Swilly - 2.

Diameter.....										
Height						5'				
Altitude						15'				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January						4				
February						3.18	2.19	6.68	5.13	2.07 3.98
March						1.26	4.01	4.02	1.34	1.69 2.67
April						1.77	5.27	3.28	3.01	2.18 2.98
May						1.96	2.89	1.95	2.74	1.65 2.45
June						2.39	6.69	2.22	3.96	3.08 2.34
July						4.04	2.57	2.89	3.16	5.61 3.30
August						2.17	1.80	4.67	4.7	6.42 3.77
September						2.42	3.86	6.23	3.29	2.88 4.06
October						4.14	3.84	3.12	4.10	5.11 4.48
November						4.80	4.12	6.76	6.69	2.49 5.41
December						6.35	3.13	6.69	5.36	1.96 4.14
TOTALS						3.14	7.08	4.78	3.96	1.74 3.92
						36.62	41.46	53.29	43.21	36.88 43.50*

1877 House about 30ft high & 30 yards distant

1879 Lower Fahan church 400yds E.N.E.

* Average computed from Linavady Drough
+ Knoville Prospect VillaMonthly distribution from Ramelton,
Ballygarr & Londonderry Bellarena

RAINFALL AT Buncrana Rockfort

Lat.

Lon.

County of Donegal

Rain Gauge, by

Observer T. Colquhoun, Esq.

L. Swilly - 2.

Diameter	5										
Height	1.0										
Altitude	15						40				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS,
January	2.31	.95	2.94	5.01	5.35	2.94	5.66	2.55	2.66	2.79	3.335
February	2.24	3.79	3.17	3.19	3.35	3.30	3.52	2.61	1.38	3.57	3.032
March	1.98	3.48	3.08	2.54	2.44	2.52	3.13	2.00	3.43	2.71	2.731
April	2.95	2.07	2.89	1.53	1.53	1.85	2.18	1.81	2.41	3.14	2.236
May	1.78	2.23	2.32	2.15	2.88	2.62	2.99	2.70	2.93	4.13	2.673
June	3.66	4.30	3.99	2.21	1.35	1.84	2.69	.66	4.67	.78	2.515
July	6.46	2.74	5.64	3.01	3.42	1.61	3.29	3.56	7.53	3.26	4.052
August98	3.21	3.21	5.48	3.92	2.78	1.86	4.14	4.18	6.44	3.560
September	3.14	2.76	5.33	5.19	3.40	4.84	3.94	4.41	1.70	3.24	3.795
October	1.85	3.72	3.08	4.75	4.65	4.95	4.68	3.54	2.98	5.81	4.001
November	5.59	4.40	7.82	4.58	5.59	2.56	4.17	4.35	3.70	1.98	4.474
December	4.00	4.06	5.10	4.08	4.87	2.97	5.87	4.85	3.73	3.55	4.308
TOTALS	36.94	37.71	48.57	44.37	43.15	33.18	43.97	37.18	41.30	41.40	40.712

^{1/4}
Lower Fahar Church 400 yards ENE.

House 80 ft high 102 ft SE

1882 - 30ft - 180ft NW

RAINFALL AT Buncrana Rockfort

Lat.

Len.

County of

Donegal

Rain Gauge, by

Observer

T Colquhoun Esq

L Swilly - 2.

Diameter	5										
Height	10										
Altitude	40 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.60	3.08	3.23	2.85	5.46	3.50	1.77	1.39	1.51	4.62	3.201
February	1.03	.31	2.47	3.88	5.36	.80	2.48	2.67	5.01	2.01	2.602
March	2.47	4.31	.87	2.05	2.34	4.00	5.41	5.76	2.59	2.04	3.184
April	1.82	2.04	1.63	1.16	2.36	1.70	2.29	2.15	3.82	4.46	2.343
May	1.56	2.65	4.31	1.57	2.95	1.23	1.11	3.32	3.68	2.48	2.486
June	2.82	2.37	3.47	1.95	2.19	2.23	3.21	5.51	2.66	2.09	2.850
July	3.78	3.57	3.04	3.85	4.06	4.36	4.35	2.61	.48	2.01	3.211
August	5.20	5.23	4.61	5.58	2.90	4.71	3.06	4.46	3.74	1.83	4.122
September	4.98	2.95	3.80	3.92	.40	1.14	5.76	2.60	3.97	5.32	3.11841
October	3.96	5.04	5.57	5.23	3.30	7.81	6.36	2.95	4.44	2.27	4.693
November	7.79	3.12	4.36	3.03	3.88	3.97	.89	2.26	4.73	3.89	3.742
December	2.16	4.64	2.53	4.78	4.18	4.01	4.38	5.36	4.88	6.21	4.213
TOTALS	42.17	39.31	39.89	39.85	39.38	39.46	41.07	41.04	41.51	38.73	40.241

1890 Buncrana Church $\frac{1}{4}$ mile NERockfort House 30 ft high 105 ft NE
240 ft SE 1880

RAINFALL AT Buncrana Rockfort

Lat.

Lon.

County of

Donegal

Rain Gauge, by

Observer T. Elphinstone Esq.

Lough Swilly - 2.

Diameter ..	5										
Height	10										
Altitude ..	407				55						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.30	3.92	2.68	4.60	4.09	3.05	6.33	2.12	2.95	5.22	3.926
February ..	2.87	1.72	2.00	3.65	2.89	3.30	3.84	2.89	3.01	2.52	2.869
March ..	1.00	3.13	3.40	4.31	1.86	4.07	3.65	5.07	4.32	3.49	3.430
April ..	3.54	3.30	2.86	2.17	3.53	3.56	3.08	2.62	2.73	2.94	3.033
May ..	2.47	1.43	3.78	2.32	2.54	1.69	3.75	4.02	2.18	2.57	2.675
June ..	5.12	4.51	1.48	1.04	.77	2.80	1.11	4.82	2.65	1.38	2.568
July ..	3.13	1.69	3.71	4.16	3.84	2.36	1.76	3.48	3.48	4.27	3.188
August ..	4.06	5.03	2.23	7.39	6.70	4.16	4.99	5.19	5.00	2.93	4.768
September ..	3.43	3.08	4.15	2.90	2.22	2.17	1.17	1.31	6.32	2.30	2.905
October ..	5.94	3.50	3.42	5.87	2.94	2.90	2.76	3.47	1.65	4.20	3.665
November ..	5.23	3.42	3.04	4.00	5.55	4.92	4.18	3.40	2.72	2.67	3.913
December ..	3.93	5.17	3.76	2.68	3.45	2.45	5.41	4.13	4.39	5.51	4.088
TOTALS ..	45.02	39.90	36.51	45.09	40.38	37.43	42.03	42.52	41.40	40.00	41.028

Aug M m m m D D

1904 Buncrana Church 1/4 mile SE

Station

Rockfort House 20 ft high 35 yards SE

RAINFALL at Buncrana RockfortCounty of DonegalObserver J. Colquhoun Esq., B.A., F.R.S.River Basin Lough Swilly 2Rain Gauge, by Cassella

Diameter ...	5										
Height	1.0										
Altitude ...	557										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.69	1.76	3.14	4.00	2.10	(4.50)					
February ...	5.66	3.18	2.36	1.89	6.51	(3.40)					
March	2.61	2.09	4.64	3.63	(5.50)	(2.40)					
April	2.34	2.53	2.49	3.78	(2.50)	(3.80)					
May	2.70	1.30	1.26	2.23	(2.70)	(1.50)					
June	4.29	2.22	5.77	3.55	(2.00)	(3.00)					
July	5.10	3.44	3.34	2.25	(3.85)	(5.00)					
August	8.75	2.22	3.97	2.68	(3.60)	(4.10)					
September ..	.99	1.67	2.03	3.92	(3.85)	(1.90)					
October ...	2.43	2.85	3.79	2.48	(1.90)	(2.40)					
November ...	4.59	4.70	4.51	5.64	(5.55)	(3.30)					
December ...	3.32	5.92	5.33	5.48	(6.44)	(5.70)					
TOTALS ...	47.47	33.88	42.63	41.53	(46.50)	(41.00)	(47.00)	(50.00)	(45.00)	(40.00)	43.501

1915 - 1920 from annual maps.

months 1914 & 1915 from Cappa & Ballintubber

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1913			<u>Collooney</u>	1/4 m	E	<u>Portbradden</u>		