

RAINFALL AT *Lisburn Prospect Hill School*

Lat.

Lon.

County of

Antrim

Rain Gauge, by

Observer.

Belfast Lough - 1.

Diameter												
Height												
Altitude												
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January							1.06	2.29	3.02	2.03		
February. ...							2.50	2.85	1.62	1.85		
March							1.45	1.93	1.26	2.01		
April							1.22	4.76	.88	3.74		
May							88	2.17	3.74	3.48		
June								1.65	3.21	4.65		
July								4.05	.54	5.43		
August								4.75	3.50	4.59		
September ..								1.95	2.73	4.70		
October							4.66	2.72	2.43	1.13		
November ..							3.44	3.30	1.06	1.02		
December ..							8.30	3.50	2.40	1.37		
TOTALS ..								35.92	26.39	36.00		

1877 a wall 6ft high 10 yds from gauge

RAINFALL AT *Belfast Linen Hall*

(Broken Revised)

Lat.....

Lon.....

County of.....

Antrim

Ruin Gauge, by.....

Observer.....

*J. Stephens Esq**Belfast Lough - 1.*

Diameter	11											
Height	4											
Altitude	12											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.01					4.63	1.66	6.72	3.81	2.21		
February.....	2.75					1.14	3.93	3.28	2.15	1.66		
March.....	1.52					1.25	3.39	3.15	1.35	1.79		
April.....	1.41					.28	1.72	4.41	1.04	1.66		
May	2.88					1.64	.47	2.27	3.86	3.32		
June.....	7.19					3.09	2.83	2.40	2.91	5.31		
July	2.01					2.79	2.04	3.37	1.42	5.51		
August.....	2.69					2.43	2.98	3.47	2.85	3.63		
September.....	3.09					3.47	3.54	2.33	2.76	4.88		
October.....	⁺ 10.16					4.79	5.08	3.99	2.95	1.75		
November.....	1.16					3.84	3.75	5.02	1.75	.89		
December.....	2.51					1.85	7.56	3.77	1.94	1.43		
TOTALS	34.38					31.20	38.95	44.18	28.79	34.04	6 year mean 35.26	

Hyd. Sta. No. 97- 970335

NGR: 15 (33) 338740

alt. 4m

RAINFALL AT *Belfast Queens College*

Lat.....

Lon.....

County of.....

Antrim

Rain Gauge, by.....

Observer

*Mr Wm Taylor**Belfast Lough - 1.*

Diameter	11	.										
Height	7 4	.										
Altitude	68	.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.44	4.38	4.26	3.58	1.88	4.44	1.41	6.66	3.56	2.26	3.467	
February.....	2.65	3.24	3.55	.76	2.50	1.06	4.16	2.66	2.21	1.65	2.444	
March.....	1.40	1.78	1.79	2.23	1.69	1.00	2.77	3.06	1.14	1.79	1.865	
April.....	1.35	3.22	2.59	.33	1.39	.29	1.34	4.25	1.08	1.66	1.750	
May.....	2.64	- .58	2.60	2.12	1.02	1.57	1.08	2.92	4.24	3.31	2.202	
June.....	1.21	1.97	4.17	1.81	1.10	3.05	2.92	1.97	2.82	5.01	2.603	
July.....	1.61	3.86	3.05	5.10	2.93	3.13	1.38	3.09	1.48	5.52	3.115	
August.....	2.09	2.83	3.25	5.63	5.04	2.90	3.22	3.28	3.12	3.54	3.490	
September.....	1.43	3.39	4.28	2.44	3.90	3.77	3.59	1.99	3.03	4.64	3.246	
October.....	9.90	3.08	5.10	3.97	5.01	4.92	5.23	4.34	2.95	1.70	4.620	
November.....	1.03	1.74	4.53	2.55	4.92	3.77	4.00	4.81	1.72	1.00	3.007	
December.....	2.39	1.84	5.29	.61	3.40	2.14	8.79	3.25	1.79	1.44	3.094	
TOTALS	30.14	31.91	44.46	31.3	34.78	31.98	39.89	42.28	29.14	33.52	34.923	

Hydro No. 970129

RAINFALL AT *Belfast-Elmgrove House*

Lat.

Lon.

County of *Antrim*

Rain Gauge, by

Observer *J. Barbour Esq**Belfast Lough - 1.*

Diameter											
Height						5					
Altitude						167					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>#</i> 4.05	1.48				
February. ..						1.08	4.31				
March						1.15	3.10				
April .....						.28	1.78				
May						1.61	.70				
June						3.09	2.96				
July						2.27	1.98				
August						2.56	2.80				
September ..						4.00	3.74				
October						5.65	4.34				
November ..						4.39	4.69				
December ..						2.10	8.91	<i>#</i>			
TOTALS ..						32.23	40.79				

RAINFALL AT *Belfast-New Barnsley*

Lat.

Lon.

County of *Antrim*

Rain Gauge, by

Observer *J. F. McEag**Belfast Lough - 1.*

Diameter . . .						5					
Height . . .						1					
Altitude . . .						200?					
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						#4.90	1.78	7.42	4.77	2.75	
February . .						1.15	4.76	3.78	2.65	2.40	
March						1.42	3.80	3.67	2.03	2.91	
April						47	2.36	4.13	1.13	2.17	
May						2.05	.57	3.01	4.77	4.62	
June						3.55	3.23	2.60	3.39	5.60	
July						3.48	2.13	4.65	1.77	6.81	
August						3.45	3.37	3.64	3.68	5.10	
September . .						3.04	4.04	2.41	3.56	5.56	
October						4.98	5.56	5.00	4.31	2.03	
November . .						4.53	4.51	5.48	2.41	1.15	
December . .						2.37	8.85	4.84	2.41	1.81	
TOTALS . .						35.39	44.96	50.63	36.88	42.91	

*1879 Trees 30ft high 30yd E.**House 20. " 25. S.**Belfast church 3 miles E.*

RAINFALL AT *Belfast Old Park*

Lat.....

Lon.....

County of.....

Armagh

Rain Gauge, by.....

Observer.....

*W. Girdwood Esq.**Belfast Lough - 1.*

Diameter .....	.6											
Height	4											
Altitude	224											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.54	4.24	6.49	4.58	2.42	5.54	1.96	7.69	4.86			
February.....	2.89	4.15	4.45	.78	2.49	1.03	4.78	4.41	2.03			
March.....	1.96	2.28	2.78	2.29	1.97	1.55	4.38	3.24	2.46			
April.....	1.85	3.95	2.87	.67	1.81	.37	2.55	4.24	.93			
May	3.30	.77	2.91	2.62	1.07	2.43	.51	2.60	4.00			
June.....	1.11	2.51	5.00	1.98	1.07	3.73	3.71	2.96	3.32			
July	2.57	6.22	3.05	6.36	3.09	2.58	2.22	4.27	2.14			
August.....	2.84	2.93	4.58	5.89	4.68	3.49	3.86	3.52	3.57			
September.....	2.90	2.65	4.97	1.87	3.49	3.82	5.46	2.43	2.97			
October.....	10.15	4.68	5.55	5.00	5.31	4.63	5.99	5.39	4.76			
November.....	1.50	3.79	4.79	3.17	4.65	4.22	3.97	6.11	2.38			
December.....	2.38	2.72	5.89	.85	4.60	2.45	7.97	5.26	2.38			
TOTALS	36.99	40.89	53.33	35.95	36.65	35.84	47.36	52.12	35.80			

*77 Tree 15 ft high 20 yds distant**1879 Observer dead*

RAINFALL AT *Belfast Antrim Road*

Lat.....

Lon.....

County of.....

Antrim

Rain Gauge, by.....

Observer.....

*J. Thompson Esq**Belfast Lough - 1.*

Diameter	2											
Height	7 3			7								
Altitude	144											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.63	2.66	5.11	3.09	1.93	4.42	1.53	6.68	3.95	2.15	3.410	
February.....	1.78	2.95	2.87	2.25	1.83	.95	3.81	3.36	1.48	1.82	2.110	
March	1.34	1.66	2.02	1.61	1.47	1.26	3.20	3.07	2.23	1.83	1.969	
April.....	1.53	3.02	2.33	.30	1.21	.31	1.94	3.91	.68	1.62	1.705	
May	2.84	.51	2.23	2.05	.99	2.03	.38	2.15	3.89	4.43	2.150	
June.....	.82	1.72	4.15	1.45	.66	3.35	2.72	2.45	3.25	4.43	2.500	
July	1.98	4.20	3.15	4.55	2.80	2.48	1.68	3.49	2.12	5.76	3.221	
August.....	2.29	2.03	3.49	4.26	3.95	3.15	3.02	3.21	3.26	4.69	3.335	
September.....	2.32	2.22	4.20	1.21	2.92	3.49	4.55	2.06	2.33	3.92	2.922	
October.....	8.51	2.79	5.12	4.24	4.84	3.54	4.76	4.60	4.02	2.43	4.485	
November.....	.92	2.73	3.52	2.66	4.36	3.60	3.20	5.44	1.97	.96	2.936	
December.....	1.81	2.10	4.41	.54	4.35	2.11	8.06	4.36	2.16	1.22	3.112	
TOTALS	28.77	28.59	42.60	26.41	31.31	30.69	38.85	44.73	31.34	35.26	33.655	

1872 Sept. 28. " G. blown down and not reerected till

Oct. 10. " Daily entries in interim from Linen Hall register

1877 Hedge 4ft high and 20 yds distant W.

St James's church $\frac{1}{4}$ mile S.

000103

RAINFALL AT *Belfast Barracks A.M. Dept.*

Lat. _____ Lon. _____ County of *Antrim*

Belfast Lough, 1.
No. *1.* Rain Gauge, by _____ Observer _____

Diameter.											
Height.											
Altitude.											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.11	3.34	4.78	4.18	2.25	5.34					
February.	2.81	3.71	3.96	1.08	2.24	1.20					
March	1.43	1.42	2.29	2.38	1.76	1.59					
April	1.79	3.68	3.14	.66	1.45	.15					
May.....	2.72	.64	2.45	2.76	1.08	2.10					
June	1.26	1.95	4.09	1.53	1.01	3.04					
July.....	1.97	5.94	3.82	4.36	2.33	2.13					
August	2.33	2.32	3.81	5.36	4.40						
September.	2.78	2.95	4.94	2.52	2.87						
October.....	10.73	3.69	5.39	4.09	4.85						
November...		3.19	4.30	2.69	4.68						
December ...	2.77	3.53	6.13	.87	3.49						
TOTALS	imp	36.36	49.10	32.48	32.41	imp					

part 1866 ¹⁸⁷¹ 1874, & part 1875. entered x.11.25 from records bound & filed in no.

RAINFALL AT *Belfast Barracks, A. M. D.*

Lat.

Lon.

County of *Anttrim*

Rain Gauge, by

Observer

Belfast Lough, 1.
No. 2

Diameter.											
Height.											
Altitude.											*
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.	3.05	3.11	5.09	3.89							
February.	2.74	3.48	4.41	1.32							
March.	1.37	1.31	2.46	2.22							
April.	1.73	3.44	3.34	72							
May.	2.65	.58	2.57	3.14							
June.	1.24	1.85	4.41	1.88		2.76					
July.	1.84	5.59	4.13								
August.	2.33	2.19									
September.	2.70	2.80	5.32								
October.	10.43	3.43	5.58								
November.	90	2.88	4.54								
December.	2.60	3.03									
TOTALS.	33.58	33.69	imp	imp							

part 1866; 1867 - 1871, part 1872, + 73 } entered + 11.25. from records bound & filed in 1875

RAINFALL AT *White Abbey Abbeyville*

70

Lat.

Lon.

County of *Armagh*

Rain Gauge, by

Observer *Rev R. W. Bland**Belfast Lough - 1.*

Diameter						8					
Height						2 -		1.9			
Altitude						64					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						4.60	1.58	7.53	4.69	2.44	
February						1.06	4.56	2.72	2.72	2.55	
March						1.41	3.55	2.80	1.55	1.87	
April .....						.31	2.16	3.83	1.30	1.58	
May						2.56	.38	3.12	3.22	3.76	
June						3.23	3.40	2.42	3.36	5.59	
July						2.54	2.13	2.91	2.15	4.82	
August						4.23	3.36	3.01	4.56	4.43	
September ..						3.53	4.88	1.68	2.43	4.36	
October						4.97	5.42	4.33	3.58	1.49	
November ..						4.04	3.11	5.48	2.56	.87	
December ..						3.01	7.40	4.64	2.45	1.88	
TOTALS ..						35.49	41.93	44.47	34.57	35.64	

1877 Gauge on an open space on lawn.
 nearest tree 24 yds distant
 1879 tree 50ft high 50ft N.

Carumoney 2 miles W.

RAINFALL AT Carrickfergus White Abbey

Lat.

Lon. County of Antrim

Rain Gauge, by Observer Mr. Valentine Esq.

Belfast Lough - 1.

Diameter			6								
Height			1	1.6	1						
Altitude			50								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January			4.40	4.84	2.38						
February			3.94	1.34	2.75						
March			2.37	2.56	2.36						
April			2.85	4.05	2.20						
May			2.97	2.46	.74						
June			4.71	2.18	1.66						
July			3.12	5.38	2.91						
August			4.77	6.02	4.05						
September			5.02	2.38	2.87						
October			4.56	3.24	4.92						
November			4.88	3.56	4.72						
December			6.52	1.56	4.03						
TOTALS			50.11	34.97	35.59						

C

1875 INR

RAINFALL AT Carrickfergus Scotch Quarter

Lat.....

Lon.....

County of.....

Antrim

Rain Gauge, by.....

Observer.....

A. Sutherland Esq.

Belfast Lough - 1.

Diameter	5										
Height	/										
Altitude	/8										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.37	3.41	5.30								
February.....	2.81	3.67	4.48								
March	1.21	2.01	2.75								
April.....	1.83	4.12	1.68								
May	2.58	.87	2.93								
June.....	1.20	1.58	5.11								
July	2.27	5.00	3.35								
August.....	.57	3.97	3.71								
September.....	2.23	2.54	4.80								
October.....	8.31	2.44	4.96								
November.....	1.36	2.99	4.95								
December.....	2.96	2.45	5.98								
TOTALS	30.70	35.05	50.00								

C C C

1870 4 on lawn perfectly free from shrubs or trees

000098

211 Glenam

RAINFALL AT *Larne Carrnough*

70

Lat.

Lon.

County of *Antrim*

Rain Gauge, by

Observer *J. Beside Esq**Glenam TC-2.*

Diameter . . .						5					
Height . . .						1	-				
Altitude . . .						8					
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						4.21	2.14	10.25	5.44	2.28	
February . . .						1.03	6.14	5.32	2.80	2.71	
March						1.92	6.32	3.21	2.60	3.47	
April . . . . .						.95	2.38	4.75	2.14	2.04	
May						2.39	.92	3.15	4.50	3.12	
June						3.90	2.81	3.47	2.99	5.00	
July						2.20	2.96		1.47	5.58	
August						3.57	3.83	No observations	3.73	4.18	
September . . .						4.34	4.25		3.90	4.54	
October						7.60	5.50		5.97	1.77	
November . . .						6.91	4.78		4.26	1.43	
December . . .						3.27	9.69		4.74	2.60	
TOTALS . . .						42.29	51.72		44.54	38.72	

RAINFALL AT *Custrendum Agolok*

Lat.....

Lon.....

County of.....

Antum

Ruin Gauge, by.....

Observer

*Rev. S. H. Brennan**Senow TC-2.*

Diameter	10											
Height	2.6											
Altitude	104											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	4.02	.07	3.39									
February.....	3.39	.07	5.04									
March	7.74	1.05	2.73									
April.....	2.36	4.05	1.78									
May	2.17	1.03										
June.....	1.65	1.75										
July	1.40	1.36	2.87									
August.....	2.28	2.52	2.79									
September.....	3.04	3.74	7.25									
October.....	8.61	2.35										
November.....	1.82	3.24										
December.....	2.21	2.94										
TOTALS	33.69	24.17										

1871 by shellard from E and partially from NE

RAINFALL AT *Bushmills*

Lat.

Lon.

County of *Antrim*

Rain Gauge, by

Observer *Mr. D. Elliott**Bush TC - 3.*

Diameter...						5					
Height ...						1	-				
Altitude ...						33					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						# 3.15	1.67	6.31	4.89	1.87	
February....						1.26	3.47	3.75	1.28	1.41	
March						1.41	4.49	5.05	2.38	1.72	
April .....						.43	2.03	1.72	1.82	1.33	
May						2.03	.57	1.91	3.06	3.49	
June						2.98	2.97	3.84	3.99	3.46	
July						2.05	2.78	4.12	1.46	4.44	
August						4.17	3.77	3.65	6.61	2.60	
September ..						3.98	3.66	1.69	4.66	3.92	
October						5.19	4.44	4.42	3.61	1.44	
November ..						4.74	3.05	5.24	3.45	1.58	
December ..						2.61	6.06	4.14	4.08	2.30	
TOTALS ..						34.00	38.96	45.84	41.29	29.56	

*1879 Hedge 4 ft high 47° N.**Dunluce 100 perches S.W.*

RAINFALL AT *Bushmills Dundarane*

Lat.

Lon.

County of

Antrim

Rain Gauge, by

Observer

Bush TC-3.

Diameter.											
Height.											
Altitude.										<i>160</i>	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.											
February.											
March.											
April.											
May.											
June.											
July.											
August.										<i>#</i> <i>3.22</i>	
September.										<i>4.71</i>	
October.										<i>2.10</i>	
November.										<i>1.80</i>	
December.										<i>1.75</i>	
TOTALS.										<i>—</i>	

1879 Dunluce church 1 mile S.W.

RAINFALL AT *Ballymoney*

Lat.

Lon.

County of

Anttrim

Rain Gauge, by

Observer

*E H Knox Esq**Bean, Lower - 4.*

Diameter	5											
Height	7											
Altitude	170											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.59											
February.....	2.85											
March	7.19											
April.....	1.50											
May	1.80											
June.....	2.28											
July	1.51											
August.....	1.49											
September.....	3.17											
October.....	7.28											
November.....	2.91											
December.....	2.68											
TOTALS	32.25											

C

RAINFALL AT *Ballymoney Church Street*

70

Lat.

Lon.

County of *Antrim*

Rain Gauge, by

Observer

*W. J. Craig**Bann, Lower - #.*

Diameter . . .						5					
Height . . .						1	-				
Altitude . . .						150					
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						<i>#</i> 3.77	1.73	5.72	3.82		
February . . .						1.47	3.18	2.92	1.50		
March						1.63	4.32	4.15	1.88		
April . . . . .						.09	2.22	2.75	1.65		
May						1.83	.84	1.81	4.26		
June						2.65	2.30	3.04	3.38		
July						3.00	2.39	4.01	1.30		
August						3.37	3.85	3.42	3.31		
September . .						3.32	3.35	1.37	3.08		
October						3.93	4.30	4.72	4.27		
November . .						4.15	2.86	4.35	3.98		
December . .						2.13	5.38	4.05	5.20		
TOTALS . .						31.34	36.72	42.31	37.63		

1879 No ref.

W 2 miles from lake

000092

70

RAINFALL AT *Lisbourn Agahalee*

Lat.....

Lon.....

County of.....

Antirum

Rain Gauge, by.....

Observer.....

Samuel J. Ivell Esq.

Rain, L. height E-5.

Diameter.....	.5											
Height.....	1											
Altitude.....	105			103 ⁺								
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.95	3.33	5.05	3.90	1.71	4.29	1.37	5.95	3.95	2.06	3.456	
February.....	1.91	2.84	3.31	.66	1.98	1.32	4.20	2.70	1.90	1.33	2.215	
March.....	1.46	1.35	2.61	2.11	1.76	.96	2.74	4.23	1.54	2.06	2.082	
April.....	1.20	2.86	3.54	.62	1.49	.51	1.87	3.55	1.16	1.57	1.837	
May.....	2.18	.55	3.15	1.78	.56	1.97	.42	3.00	3.74	3.55	2.090	
June.....	7.06	2.02	3.98	1.97	1.41	3.83	2.27	2.16	3.21	4.70	2.661	
July.....	2.25	5.09	2.43	7.17	2.17	3.35	2.18	4.41	.54	5.88	3.547	
August.....	1.45	3.00	3.40	4.95	4.88	2.82	3.58	3.20	3.50	4.93	3.571	
September.....	2.29	2.56	4.59	2.91	2.51	3.13	3.51	2.44	3.02	5.36	3.232	
October.....	7.57 ⁺	2.41	4.58	2.77	4.10	5.35	5.32	2.77	3.70	1.49	4.006	
November.....	1.57	2.02	4.13	2.35	3.71	3.94	2.96	3.74	1.60	1.22	2.724	
December.....	2.97	2.15	6.02	.75	3.75	2.16	7.91	3.53	2.16	1.45	3.285	
TOTALS.....	28.86	30.18	46.79	31.94	30.03	33.63	38.33	41.68	30.02	35.60	34.706	

1879 Trees 25 ft high 180 ft N & E.

Soldiers Town church Agahalee 1 1/2 miles S.E.

RAINFALL AT *Lisburn Aghalee*

Lat.....

Lon.....

County of... *Antrim* Rain Gauge, by..... Observer *Lancelot Turtle Esq**Bar. L. height E - 5.*

Diameter	9	'										
Height	1	'										
Altitude	105	'		103 [*]								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.96	3.21		3.79	1.70	4.29						
February.....	1.90	2.84		63	1.90	1.33						
March	1.45	1.35		2.02	1.71	.94						
April.....	1.20	2.81		.62	1.45	.50						
May	2.17	.54		1.71	.50	1.95						
June.....	7.06	2.02		1.92	1.37	3.84						
July	2.24	5.05		7.11	2.16	3.34						
August.....	1.45	3.00		4.88	4.82	2.80						
September.....	2.28	2.55		2.87	2.50	3.14						
October.....	7.54	2.40		2.75	4.10	5.30						
November.....	1.57	2.02		2.33	3.70	3.93						
December.....	2.96	2.15		75	3.72	2.17						
TOTALS	28.78	29.94		31.38	29.63	33.53						

1872 The readings of this G unreliable.
1876 N.O.

RAINFALL AT *Crumlin*

70

Lat.

Lon.

County of *Aulrim*

Rain Gauge, by

Observer *Mr. E. Dixon**Rain, L. height E - 5.*

Diameter....						5					
Height						1	—				
Altitude									240		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>#</i> 4.29	1.45	5.89	3.93	2.14	
February. ...						1.11	4.20	2.82	1.94	1.57	
March						1.05	3.02	3.65	1.56	1.95	
April .....						.39	2.11	2.37	1.36	1.88	
May						1.80	.81	2.62	3.19	3.58	
June						3.40	2.59	2.26	2.47	3.90	
July						3.16	2.42	4.08	.79	6.11	
August						4.52	3.39	3.02	4.18	4.86	
September ..						3.23	2.87	2.38	3.55		
October						4.57	4.67	3.66	3.67		
November ..						3.88	2.72	4.28	2.18		
December ..						2.28	7.89	3.80	2.64		
TOTALS ..						33.62	38.14	40.83	31.46		

1879 No ref

RAINFALL AT *Antrim The Manse*

Lat.....

Lon.....

County of.....

Antrim

Rain Gauge, by.....

Observer.....

*Rev. J. H. Orr**Bann, L. height E - 5.*

Diameter .....	.5	9	.5									
Height	1.0											
Altitude	50.0											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.22	3.10	4.18	3.72	2.79		1.19	6.41				
February.....	1.74	2.64	3.14	.54	.75		4.20	3.19				
March.....	.91	1.63	3.27	1.87	.65		2.64	2.91				
April.....	.86	3.90	3.88	.80	2.45		1.92	3.35				
May.....	2.38	1.03	2.15	1.92	1.54		.43	3.15				
June.....	1.69	1.94	3.70	1.67	1.58		2.19	2.43				
July.....	2.60	6.29	1.61	6.58	3.90		2.16	3.90				
August.....	2.87	1.70	4.05	5.41	2.46		2.62	2.72				
September.....	2.36	3.14	4.47	1.92	2.02		2.32	2.19				
October.....	7.60	2.57	4.98	3.93	3.26		4.16	3.66				
November.....	.75	2.52	2.74	2.65	4.13		2.84	4.48				
December.....	2.56	2.11	4.48	1.04	3.90		7.27	3.09				
TOTALS	28.54	32.73	42.60	32.06	29.43		33.94	41.48				

1875 NR

RAINFALL AT *Ballymena*

70

Lat.

Lon.

County of

Antrim

Rain Gauge, by

Observer

Bann, L. near E. - 5.

Diameter . . .								.5			
Height . . .								1.0			
Altitude . . .								150			
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						5.93	2.23	7.83	5.10	2.51	4.35
February . .						12.8	4.68	3.99	2.12	2.16	2.63
March						1.97	5.21	4.11	2.18	2.60	2.55
April						2.27	2.90	3.37	2.55	2.56	2.17
May						2.09	.36	2.94	5.72	4.42	2.35
June						2.48	3.20	3.78	2.40	4.99	3.07
July						2.70	1.84	4.42	1.72	5.90	3.11
August						2.93	4.48	4.21	4.23	4.39	3.81
September . .						4.56	3.94	2.56	3.70	4.89	3.97
October						4.08	5.07	4.99	4.70	1.95	4.57
November . . .						5.09	3.99	6.10	3.91	1.52	3.79
December . . .						2.62	6.10	4.83	3.72	1.99	3.63
TOTALS . . .						(36.00)	(44.00)	53.13	42.05	39.88	(40.00)

†

†

*

1879 A mound of earth 3ft high 9ft distant

* Average computed from Belfast, Antrim & Garvagh Moneydig & monthly distribution from Moneydig

† 1875 & 1876 ditto 25 x 10

(GARYA6H (Monydid)).

METEOROLOGICAL OFFICE.

RAINFALL

Station Monydig
County Londonderry
Authority H. R. Morrison

No. 98-961613
(Old No. 6238/5)
Grid Ref. 1C(24) 890170
Altitude 121' DB = 112' Belfast ft.

File 9086/Belfast TF 1 MWR 1 m 1 a River Basin BANN
Tributary Agivey

YEAR	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	Means
January ...	4.55	6.58	4.56	2.51	5.82	2.11	7.39	4.27	2.40	1.71	4.190
February...	3.05	3.89	1.29	2.32	1.26	4.42	3.82	1.75	1.82	2.51	2.613
March ...	2.56	3.16	2.29	2.39	1.93	4.92	2.81	2.37	2.18	2.17	2.678
April ...	3.77	3.44	.81	2.48	.26	2.74	2.69	2.40	1.95	3.60	2.414
May ...	1.10	3.44	2.61	1.47	2.05	.34	2.45	4.32	3.78	1.16	2.272
June ...	2.47	4.78	1.61	2.74	2.43	3.02	4.00	3.17	4.58	2.13	3.093
July ...	6.01	2.08	4.82	2.79	2.65	1.74	4.17	.73	4.65	5.12	3.476
August ...	2.70	4.50	5.73	5.03	2.87	4.23	4.91	3.07	3.51	2.63	3.918
September	2.94	6.90	3.61	5.20	4.47	3.72	1.83	3.76	4.84	3.62	4.089
October ...	2.70	5.95	4.58	4.40	4.00	4.79	5.03	5.03	1.74	1.52	3.974
November	3.84	5.27	2.02	4.33	4.99	3.77	5.64	4.59	1.71	4.85	4.101
December	2.62	5.01	2.03	4.63	2.57	5.77	4.50	4.69	2.17	3.73	3.772
TOTAL, ...	38.31	55.00	35.96	40.29	35.30	41.57	49.24	40.15	35.33	34.75	40.590
Percentage											X

AVERAGE ANNUAL RAINFALL

Actual Estimated from data for:-

1881-1915 in.
1916-1950 in.
..... in.

Type and capacity of gauge 5" dia. set 12" above ground

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

1877 { House on West 16 yds. High ash tree 24 yd. SE.
Evergreen 10 or 12 ft high, 14 yds SW.

Daily values copied from old Monydid register, borrowed from Mr. J. Porter (Sept. 1966),
corrected for arithmetic errors, etc.

Earliest year with complete data (D : W : M) 1/1866 (M. 1864-65)

*NOTES on years with incomplete or unsatisfactory data:-

*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



Proforma for retrospective data

RAINFALL AT *Garragh Moneydig*

Lat.....

Lon.....

County of...

Londonderry

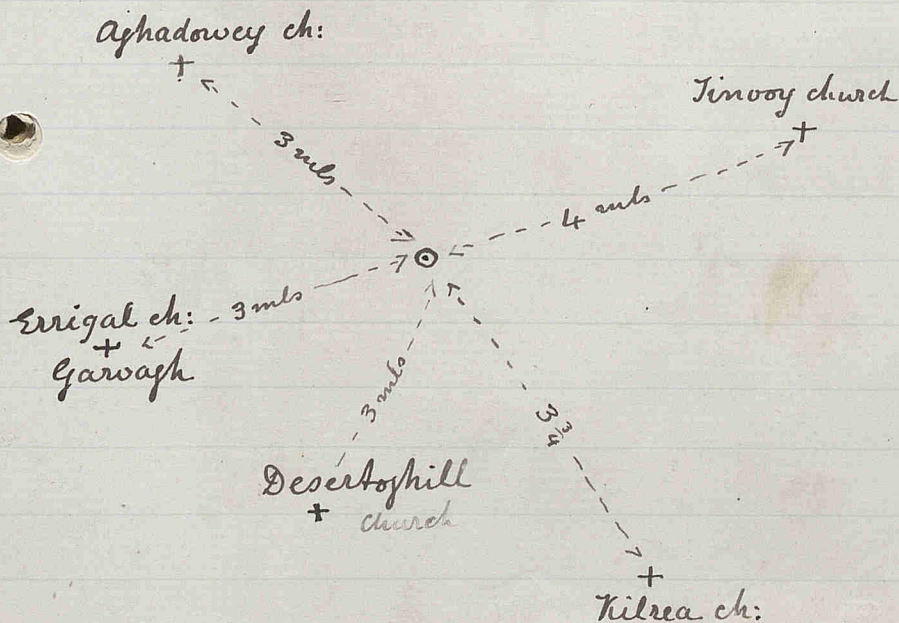
Rain Gauge, by.....

Observer

*W R Morrison Esq.**Rain, lower - 3.*

Diameter	5											
Height	/											
Altitude	121		120									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS	
January.....	3.84	4.55	6.58	4.36	2.51	5.82	2.11	7.39	4.27	2.40	4.403	
February.....	3.02	3.05	3.89	1.29	2.32	1.26	4.42	3.82	1.75	1.82	2.664	
March.....	1.19	2.56	3.16	2.29	2.39	1.93	4.92	2.81	2.37	2.18	2.550	
April.....	1.50	3.77	3.44	.81	2.48	.26	2.74	2.69	2.40	1.95	2.204	
May	2.24	1.10	3.44	2.61	1.47	2.05	.34	2.45	4.32	3.78	2.350	
June.....	2.26	2.47	4.78	1.61	2.74	2.43	3.02	4.00	3.17	4.58	3.106	
July	1.84	6.01	2.08	4.82	2.79	2.65	1.74	4.17	.73	4.65	3.148	
August.....	2.07	2.70	4.60	5.73	5.03	2.87	4.23	4.91	3.07	3.51	3.862	
September.....	2.91	2.94	6.90	3.61	5.20	4.47	3.72	1.83	3.76	4.84	4.016	
October.....	8.05	2.70	5.95	4.38	4.40	4.00	4.79	5.03	5.03	1.74	4.627	
November.....	2.20	3.84	5.27	2.02	4.33	4.99	3.77	5.64	4.59	1.71	3.836	
December.....	2.75	2.62	5.01	2.03	4.63	2.57	5.77	4.50	4.69	2.17	3.674	
TOTALS	33.87	38.31	55.00	33.96	40.29	35.30	41.57	49.24	40.15	35.33	40.502	

1877 House on W 16 gds. High Ash tree 24 gds SE
 evergreen 10 or 12 ft high 14 gds S.W.



RAINFALL AT Coleraine

70

Lat.

Lon.

County of Londonderry

Rain Gauge, by

Observer.....A. D. Williamson Esq

Bann, lower - 3.

[illegible]

RAINFALL AT *Coleraine*

70

Lat.

Lon.

County of

Londonderry

Rain Gauge, by

Observer

*C. D. H. Campbell Esq**Bann, Lower - 3,*

Diameter. ....											.5	
Height.											1.2	
Altitude.											176	
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.											1.01	
February. ....											.96	
March.											1.19	
April.											1.42	
May.											2.99	
June.											3.37	
July.											3.82	
August.											2.48	
September.											2.71	
October.											1.21	
November.											1.25	
December. ....											.99	
TOTALS.											23.40	

*1879 mound of earth 10ft above gauge 120ft W.**Coleraine church 1 mile S.E.*

RAINFALL AT *Londonderry Richmond*

Lat.

Lon.

County of...

Londonderry

Rain Gauge, by.....

Observer

D Watt Esq*File RC-5.*

Diameter	8	.										
Height	6	.		3	6							
Altitude	00	.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.00	4.44	6.02	5.20	3.63	3.85	1.90					
February.....	2.55	2.50	3.05	.86	1.70	1.50	4.75					
March.....	7.05	3.05	3.25	2.62	2.80	1.55	5.03					
April.....	2.20	4.12	2.70	.75	2.85	1.10	3.00	#				
May	2.04	.16	2.90	2.10	2.60	3.01						
June.....	1.70	2.40	3.65	2.20	1.42	2.87						
July	1.95	6.20	1.25	5.04	3.90	2.80						
August.....	2.40	2.80	4.15	6.50	4.60	2.95						
September.....	4.53	3.78	4.90	3.75	5.70	3.50						
October.....	9.80	1.63	4.30	5.90	6.20	4.97						
November.....	2.50	3.40	4.30	2.40	4.35	4.80						
December.....	3.55	2.70	3.20	2.75	5.10	3.20						
TOTALS	37.27	37.18	43.67	40.07	44.85	36.10						

C C C

RAINFALL AT *Londonderry New Buildings*

70

Lon.

County of *London derry*

Observer.

Foyle & C-5.

[illegible]

RAINFALL AT *Londonderry Knockan*

Lat.

Lon.

County of *Londonderry*

Rain Gauge, by

Observer *Rev H. F. Stevenson**Toyle &c - 5.*

Diameter						5					
Height						1	-				
Altitude						300					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>4</i> (3.64)	2.34	8.23	5.39	2.39	
February ....						.87	5.44	5.01	1.87	2.01	
March						1.92	5.52	2.88	2.85	2.60	
April .....						.81	2.72	3.42	2.81	1.80	
May						2.19	.54	2.37	5.11	3.13	
June						2.94	2.70	3.38	4.03	4.21	
July						2.45	2.39	5.39	.73	6.19	
August						2.90	3.87	5.07	4.37	3.50	
September ..						4.54	3.62	2.53	4.63	4.28	
October						4.70	4.45	6.02	6.05	2.41	
November ..						4.86	3.97	6.68	4.50	2.02	
December ..						3.28	9.58	6.20	5.03	2.78	
TOTALS ..						(35.10)	47.14	57.18	47.37	37.32	

RAINFALL AT *Londonderry Abencarn Road*

70

Lat.

Lon.

County of *Londonderry*

Rain Gauge, by

Observer *J. Conway**File 12-5.*

Diameter									5		
Height									1		
Altitude									94		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January										1.75	
February										1.75	
March										2.59	
April										1.50	
May										3.28	
June										4.38	
July										5.53	
August										3.97	
September ..										5.08	
October									# 5.58	2.36	
November ..									3.38	1.61	
December ..									3.15	2.34	
TOTALS ..										36.14	

*1879 Low hedge 3ft high 6ft N.**All Saints Church 120 yds N.*

70

RAINFALL AT

Lon.

County of _____

Rain Gauge, by

Observer

Force + c - 5.

[illegible]

70

County of _____

Londonderry

Observer

The M.A. Council

Yoye VC - 5.

[illegible]

RAINFALL AT *Londonderry Creggan Res.*

Lat.

Lon.

County of *Londonderry*

Rain Gauge, by

Observer *W. J. Robinson Esq**File 1c-5.*

Diameter									8	.	
Height									1.	-	.
Altitude									320	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									5.30	1.04	
February									1.45	1.89	
March									2.73	2.14	
April									2.45	1.71	
May									3.68	3.48	
June									2.87	4.28	
July .....									.66	5.99	
August									3.36	3.77	
September ..									3.57	5.42	
October									6.03	2.72	
November ..									3.75	1.93	
December ..									2.90	2.23	
TOTALS ..									136.00	38.75	36.60

*Rough estimate
for annual.*

RAINFALL AT

Limavady

70

Lat.

Lon.

County of

Londonderry

Rain Gauge, by

Observer

Type - S.

Diameter. ....											.5	
Height.											4.6	
Altitude.											81	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.											1.45	
February. ....											.97	
March.											1.90	
April.											1.35	
May.											3.34	
June.											4.92	
July.											4.75	
August.											3.21	
September.											3.24	
October.											2.03	
November.											1.61	
December.											2.00	
TOTALS.											30.77	

1879 Hedge 6 ft 6 ins high 40 ft N & N.W.

Trees 12 ft 0 " 40 " S.E.

House 20 " - " 120 " W.

Drumachore chancel 600 yd N.W.

RAINFALL AT Dromore

Lat.

Lon.

County of Londonderry

Rain Gauge, by

Observer

Diameter.											
Height.											
Altitude.											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January					2.30	4.80					
February.					2.03	.69					
March					1.95	1.56					
April .....						.37					
May.						2.10					
June					1.29	2.36					
July.					3.19	2.97					
August					3.92	3.33					
September.					4.55	4.02					
October					4.74	4.03					
November					3.86	5.86					
December					4.43	2.33					
TOTALS					imp	34.42					

RAINFALL AT Newtownlimavady Drenagh

Lat.....

Lon.....

County of...

Londonderry..

Rain Gauge, by.....

Observer...

C. J. McCausland

Type &c - 5.

W. D. Lindsay

Diameter.....						5					
Height.....						1	-				
Altitude.....						80					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			[4.42]	4.23	2.83	3.49	1.83	5.73	4.37	1.73	
February.....			3.86	1.08	2.79	1.16	3.69	3.82	1.48	1.01	
March.....			2.61	2.24	2.34	1.87	5.21	3.21	2.47	2.39	
April.....			3.41	.71	2.45	.64	2.25	2.55	2.29	1.54	
May.....			2.89	2.33	1.54	1.98	.46	2.11	4.13	3.53	
June.....			3.61	1.21	2.06	2.20	2.38	3.58	4.56	4.83	
July.....			1.72	5.12	3.09	2.14	2.31	6.55	.87	5.20	
August.....			3.57	6.75	4.15	3.00	3.82	4.87	4.85	3.30	
September.....			6.00	3.59	4.78	3.79	3.81	2.41	4.16	3.41	
October.....			4.58	5.23	4.34	5.40	3.74	4.60	4.66	2.21	
November.....			4.76	2.84	4.39	5.61	2.77	5.17	4.68	1.83	
December.....			3.31	2.15	4.31	2.24	6.55	3.92	4.15	1.86	
TOTALS.....	30.98	34.21	[44.74]	37.48	39.07	33.52	38.82	48.52	42.67	32.84	(38.285)

1877 Vinery 12ft 6in high & 28 yard distant

1870, 1871 + Jan 1872 = Londonderry Bellarena

Hydro No. 940110

RAINFALL AT *Londonderry Bellarena*

Lat.

Lon.

County of ..

Londonderry

Rain Gauge, by ..

Observer

*Sir J Heygate Bart M.P.**File + C-5.*

Diameter .....	.5											
Height	1											
Altitude	12			12 ^π								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.66	3.58	4.42	4.30	3.22	2.94	2.21	4.53	4.51	2.24	3.361	
February.....	2.15	1.93	3.64	1.01	2.37	1.21	3.71	4.51	1.76	1.06	2.335	
March.....	1.61	2.05	2.70	1.85	2.09	1.62	5.20	3.30	2.65	1.73	2.480	
April.....	1.51	4.22	3.34	.89	2.14	.76	2.27	2.65	2.38	1.62	2.178	
May.....	1.84	.85	2.97	2.18	1.16	1.79	.46	1.63	4.30	2.88	2.006	
June.....	2.33	2.47	4.47	1.37	2.40	2.72	2.03	3.11	4.25	3.92	2.907	
July.....	1.83	6.32	1.58	5.97	3.75	2.02	2.13	6.32	.48	5.58	3.598	
August.....	1.91	2.51	4.05	5.00	3.71	2.89	4.01	5.40	4.15	3.25	3.688	
September.....	3.26	3.23	6.14	2.71	4.38	3.96	3.72	2.67	4.10	3.77	3.794	
October.....	7.34	2.50	4.76	6.14	4.33	4.73	4.06	4.65	4.30	2.10	4.491	
November.....	2.20	2.38	5.31	3.59	4.22	6.03	2.44	5.44	4.12	2.19	3.742	
December.....	3.34	2.17	3.98	2.32	5.08	1.93	6.12	3.43	4.00	1.88	3.425	
TOTALS	30.98	34.21	47.36	36.83	38.85	32.60	38.36	47.64	41.00	32.22	38.005	

Hydro No. 940260

RAINFALL AT *Caledon Gleebe*

Lat.

Lon.

County of *Tyrone*

Rain Gauge, by

Observer *Rev. N. B. Armstrong**Barr, L. Hugh W-2.*

Diameter									5	.	
Height								1	.		
Altitude								125	.		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1.47	4.70	3.45	1.72	
February. ..							3.75	2.77	1.78	1.82	
March							3.22	2.91	1.37	2.23	
April							2.27	2.04	1.45	2.00	
May .....							.45	2.29	4.11	3.08	
June							1.89	3.33	3.23	4.37	
July							1.98	2.59	.12	3.92	
August							2.61	2.82	4.07	2.57	
September ..							3.35	2.06	4.00	4.45	
October							4.03	3.43	2.72	1.58	
November ..							2.80	3.40	1.62	1.20	
December ..							7.64	2.88	2.04	1.45	
TOTALS ..							35.46	35.22	29.96	30.39	

RAINFALL AT

Aughnacloy, Ardsley, County Tyrone

Lat.....

Lon.....

County of.....

Tyrone

Rain Gauge, by.....

Observer.....

Rev. F. J. Stokes

Bann, L. Neagh W-2.

Diameter.....				5							
Height.....				4.6							
Altitude.....				250	255						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					2.61	4.75	2.07	5.80	4.40	1.77	
February.....					1.57	1.59	5.09	3.36	2.19	2.20	
March.....					2.38	1.35	4.67	2.37	1.47	2.48	
April.....					2.58	.39	2.64	2.08	1.76	2.16	
May.....					1.79	2.10	.52	3.00	5.11	3.67	
June.....					2.02	3.09	2.06	2.60	3.01	5.68	
July.....					3.06	3.91	1.34	3.08	.13	5.12	
August.....					3.99	5.03	2.50	3.07	3.85	2.54	
September.....				#	2.95	3.85	4.56	3.46	2.46	3.69	4.11
October.....					3.31	4.20	6.11	4.57	4.32	4.15	1.87
November.....					2.50	3.89	4.52	2.93	5.15	1.74	1.08
December.....					1.44	3.81	2.85	8.58	4.48	2.41	2.22
TOTALS.....					35.75	40.25	40.43	41.77	33.91	34.90	

C

RAINFALL AT *Moy Benbulbin*

70

Lat. Lon. County of *Tyrol*
 Rain Gauge, by Observer *W. S. Robinson*

Bann, L. Hugh W- 2.

Diameter....						5					
Height						1.2					
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>#</i> 3.48	1.51	4.65	3.40		
February....						1.41	5.08	2.52	2.04		
March.....						.96	4.64	2.23	1.50		
April .....						.36	2.03	2.51	2.32		
May						1.82	.33	3.29	3.83		
June						2.91	1.65	2.30	1.79		
July.....						4.38	1.85	2.91	.04		
August						4.13	1.82	2.64	2.03		
September ..						5.26	2.50	2.29	2.24		
October						6.69	3.34	3.05			
November ..						6.91	2.85	2.79			
December ..						1.95	6.82	3.62			
TOTALS ...						40.26	34.42	34.80			

RAINFALL AT Moy Derrygally

Lat.

Lon.

County of

Tyrone

Rain Gauge, by

Observer

W. M. Bond

Bann, L. Leagh W- 2. 77° 2.

Diameter....			5								
Height			5. -						5.6		
Altitude			60						.		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January			5.13	3.82	1.94	4.22	1.52	4.89	3.70	1.49	
February....			3.04	.64	1.50	1.23	1.46	3.62	1.27	1.48	
March			2.50	1.76	1.67	1.29	3.75	2.44	1.83	1.45	
April			3.19	.82	2.10	.33	2.42	2.60	1.26	2.68	
May			2.24	2.21	1.37	1.63	.52	2.12	4.17	3.59	
June			4.63	2.17	1.38	2.85	2.02	2.26	3.13	3.49	
July.....			3.17	5.38	3.76	3.95	1.79	3.14	.03	5.91	
August			3.66	5.43	3.71	4.51	2.72	3.86	3.10	2.89	
September ..			5.78	2.39	3.58	4.13	3.46	1.98	3.23	3.81	
October			5.21	2.83	3.81	5.30	4.60	3.53	3.78	1.60	
November ..			4.57	2.59	3.48	4.25	2.57	3.90	1.46	1.27	
December ..			4.60	1.03	2.87	2.02	6.91	3.23	2.62	1.33	
TOTALS ..			47.72	31.07	31.17	35.71	33.74	37.57	29.58	30.99	

1878 Mean of two gauges

RAINFALL AT

Moy Derryally

70

Lat.

Lon.

County of

Tyrone

Rain Gauge, by

Observer

W. M. Bond

Barr, L. height W - 2.

72°/

Diameter.											100	
Height.											5.6	
Altitude.											60	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.											1.63	
February.											1.63	
March.											1.52	
April.											2.72	
May.											3.41	
June.											3.48	
July.											5.91	
August.											2.96	
September.											3.94	
October.											1.64	
November.											1.29	
December.											1.41	
TOTALS.											31.54	

Moy church 2 miles W.

RAINFALL AT *Dungannon Donaghmore*

Lat.

Lon.

County of *Tyrone*

Rain Gauge, by

Observer *J. Brown Esq**Bann, L. height W - 2.*

Diameter....						5					
Height						1. -					
Altitude						300					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>#</i> 5.19	1.88	5.93	4.80	2.43	
February. ...						1.18	4.52	3.61	2.74	2.00	
March.....						1.30	4.13	2.35	1.92	2.44	
April .....						.32	2.09	3.17	2.82	2.72	
May						1.92	.58	3.21	4.42	3.45	
June						3.26	2.13	2.12	4.13	4.93	
July.....						3.82	.99	3.12	.22	5.51	
August						4.41	2.22	4.23	3.53	3.21	
September ..						3.62	4.07	2.09	3.71	4.42	
October						5.00	5.00	3.67	4.05	1.90	
November ..						4.56	3.04	4.31	2.03	1.35	
December ..						2.52	7.77	3.46	2.93	1.65	
TOTALS ..						37.10	38.42	41.27	37.30	36.01	

*1879 House 30 ft high 20 yds N.**Donaghmore church 300 yds N.N.W.*

RAINFALL AT *Stewartstown The Square*

70

Lat.

Lon.

County of *Tyrone*

Rain Gauge, by

Observer *A. Johnston Esq.**Bann, L. near W-2.*

Diameter						5					
Height						1.4					
Altitude						350					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						[#] 5.38	2.09	6.62	4.33	2.50	
February						1.14	5.16	3.11	2.24	1.84	
March						1.26	4.45	2.12	1.91	2.48	
April .....						.39	2.11	3.23	2.48	2.68	
May						2.01	.56	3.14	4.71	3.83	
June						3.02	2.90	2.64	4.46	6.01	
July						3.10	1.36	3.92	.14	5.56	
August						3.85	2.68	4.25	4.03	3.39	
September ..						3.55	4.34	2.05	3.35	4.86	
October						4.92	5.25	3.80	3.80	1.79	
November ..						5.98	3.94	5.02	2.14	1.58	
December ..						2.84	7.89	4.17	3.13	1.65	
TOTALS ..						37.44	42.73	44.07	36.72	38.17	

1877 yard wall 8ft high but the gauge is more than 8 or 10ft from any of them.

Donagherry church 40 perches N.

000066

RAINFALL AT *Dunfannon Pomeroy*

Lat.

Lon.

County of *Tyrone*

Rain Gauge, by

Observer

Bann, L. Hugh W - 2.

Diameter						5					
Height						1.					
Altitude							400				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						# 9.38	2.18	6.56			
February						1.97	5.89	3.85			
March						2.90	4.62	2.96			
April						1.68	1.52	3.19			
May						2.41	6.2	3.31			
June						3.38	2.56	3.46			
July						3.54	1.58	3.33			
August						3.82	3.13	4.90			
September ..						4.82	4.46	2.08			
October						5.61	5.41	4.79			
November ..						5.35	3.89	5.93			
December ..						2.68	9.08	5.19	#		
TOTALS ..						47.54	44.94	49.55			

Gauge moved to Allan Rock 1 mile distant

RAINFALL AT *Dungannon Rockdale*

Lat.

Lon.

County of *Tyrone*

Rain Gauge, by

Observer

*H. Lowry**Rain, L. height - W - 2.*

Diameter						5					
Height						1	-				
Altitude						310	300				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						[#] (5.40)	2.24	7.15	4.89	3.07	
February. ...						1.21	4.86	3.65	2.48	2.77	
March						1.51	7.94	3.08	1.98	2.70	
April .....						.45	2.18	3.30	3.21	2.87	
May						2.28	.69	2.99	4.46	4.46	
June						3.60	3.08	2.95	5.26	5.43	
July						3.60	1.52	2.97	.24	5.51	
August						4.12	3.27	3.78	4.39	3.59	
September ..						4.37	4.83	2.25	3.60	4.23	
October						5.11	5.15	4.55	5.79	2.10	
November ..						5.21	3.91	6.57	2.46	1.13	
December ..						2.64	8.92	5.50	2.15	1.80	
TOTALS ..						(39.50)	48.59	48.74	40.91	39.66	

1877 a wall 13 ft 6 in high but at a greater distance from gauge.

RAINFALL AT *Dungannon Allan Rock*

Lat.

Lon.

County of *Tyrone*

Rain Gauge, by

Observer

*Rev. M. A. Brennan**Benn. L. height W-2.*

Diameter									5	-	
Height									1	-	
Altitude									350	-	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									<i>#</i> 4.94	3.97	
February									2.37	2.12	
March									2.21	3.40	
April									2.85	2.53	
May									4.13	3.76	
June									4.19	5.49	
July									19	5.53	
August									4.68	3.38	
September ..									3.26	4.60	
October									5.33	1.68	
November ..									2.69	1.09	
December ..									3.57	1.51	
TOTALS ..									40.41	39.06	

1879 Pomeroy church 2 miles S.

000063
RAINFALL AT *Stewartstown Ardrea*

385
70

Lat. Lon. County of *Tyrone*
Rain Gauge, by Observer *J. M. Churchill*

Bann, L. heap W - 2.

Al

Fe

Diameter						5	.	.	.	.
Height						1	-	.	.	.	
Altitude						200	190	.	.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1.69	6.10	4.29	2.53	
February. ...							4.45	3.54	2.19	1.68	
March							3.12	2.12	1.53	2.43	
April							1.81	3.53	2.59	2.70	
May .....							.58	2.86	3.82	3.68	
June							2.57	1.84	4.19	5.46	
July						# 2.46	1.27	3.62	.12	5.26	
August						3.41	2.51	4.90	3.73	3.65	
September ..						3.42	4.12	1.87	2.89	4.63	
October						5.15	4.93	3.68	4.26	1.61	
November ..						6.62	4.10	4.94	2.73	1.34	
December ..						3.04	8.09	3.75	3.39	1.69	
TOTALS ..							39.24	42.75	35.73	36.66	

1877 Hedge 16 ft high & 93 ft distant ^{SE.} & another
5 ft high & 38 ft distant N.W
79 bush 6 ft high 15 ft W.

Ardrea church 2 miles N.E.

RAINFALL AT *Cookstown Ballymully Glebe*

70

Lat.

Lon.

County of

Tyone

Rain Gauge, by

Observer

*Rev T. H. Porter D.D.**Bann. L. height w-2.*

Diameter						5					
Height						1	—				
Altitude						200					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						# 5.04	2.03	7.39	4.87		
February						1.08	5.19	3.92	2.80		
March						1.05	4.05	2.49	2.59		
April .....						.29	1.80	4.17	2.09		
May						1.57	.68	3.00	3.88		
June						3.15	2.47	3.00	4.03		
July						2.38	1.38	3.58	.26		
August						4.28	1.68	6.16	4.09		
September ..						3.49	4.08	2.13	3.48		
October						5.25	4.80	6.01	4.75		
November ..						5.53	4.65	6.96	2.93		
December ..						2.48	10.07	5.61	3.05	#	
TOTALS ..						35.59	42.88	54.42	38.82		

1879 Observer dead

RAINFALL AT *Cookstown Lissan Tyrone.*

Lat.....

Lon.....

County of..

~~Londonderry~~

Rain Gauge, by.....

Observer

*Sir N. Staples Esq. Bt.**Rain, L. height w - 2.*

Diameter.....				5							
Height.....				4							
Altitude.....				300						3.20	
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				<i>#</i> 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.....				43.52	41.95	44.25	48.26	55.91	44.46	(37.92)	

See next sheet. Slight discrepancies not explained. cs. 13.1.00

"The rain gauge is one similar to those used in Scotland. It is 5 in in diameter placed on grass plot 4 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 Demesne and it appears to me that much of the rain from S.W. is caught by the circle 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.Barr, 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 cs. 13. II. 09

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

Cookstown Sta 3 mi S.S.E.

RAINFALL AT *Beragh Cloghermy*

Lat.

Lon.

County of *Tyrone*

Rain Gauge, by

Observer *Rev. R. V. Dixon**7046 - 3.*

Diameter.								8			
Height.								1. 4			
Altitude.								440			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.								7.07	5.32	2.46	
February.								4.44	1.79	2.11	
March.								3.12	2.07	2.47	
April.								2.23	2.62	2.27	
May.								2.90	4.67	4.39	
June.								4.65	3.81	5.24	
July.								4.34	7.0	6.96	
August.								5.14	4.45	3.10	
September.								2.63	4.60	5.78	
October.								5.08	6.10	2.50	
November.								5.70	3.03	1.31	
December.								4.97	2.84	2.45	
TOTALS.								52.27	42.00	41.04	

RAINFALL AT *Beragh Cloghermy*

Lat.

Lon.

County of *Tyrone*

Rain Gauge, by

Observer *Rev. R. V. Discon**Yoyle - 3.*

Diameter.								8			
Height.								8			
Altitude.								428			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.								7.68	5.49	2.64	
February.								4.59	1.84	2.21	
March.								3.16	2.10	2.60	
April.								2.22	2.54	2.33	
May.								3.00	4.65	4.39	
June.								4.80	3.85	5.27	
July.								4.31	.74	6.94	
August.								5.12	4.50	3.13	
September.								2.67	4.64	5.86	
October.								5.09	6.03	2.53	
November.								5.78	3.05	1.33	
December.								4.98	3.17	2.63	
TOTALS								53.40	42.60	41.86	

RAINFALL AT *Beragh Cloghermy*

Lat.

Lon.

County of *Tyrone*

Rain Gauge, by

Observer *Rev. R. Dixon D.D.**Foyle - 3.*

Diameter										8	
Height										1 -	
Altitude										434	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								7.72	5.52	2.68	
February								4.62	1.86	2.23	
March								3.22	2.12	2.60	
April								2.28	2.64	2.33	
May								3.00	4.74	4.43	
June								4.84	3.85	5.29	
July								4.36	.73	7.00	
August								5.19	4.51	3.16	
September ..								2.68	4.74	5.88	
October								5.20	6.15	2.56	
November ..								5.85	3.07	1.33	
December ..								5.14	3.18	2.65	
TOTALS ..								54.10	43.11	42.14	

1879 "I observe with two gauges of the same size but with different exposures. In calm or tolerably calm weather their indications are identical under other circumstances I take the highest reading as the true one — The height above ground and sea level are the mean of two gauges —

Cloghermy church $\frac{1}{4}$ mile N.W.

RAINFALL AT *Omagh Edenfell*

Lat.....

Lon.....

County of.....

Tyrone

Rain Gauge, by.....

Observer.....

*Leaptt Buchanan No 1**Yule - 3.*

Diameter .....	.8										
Height	1										
Altitude	290		280	275						300	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.87	4.11	5.65	4.69	2.07	4.02	1.44	6.79	4.22	1.87	3.773
February.....	2.61	2.42	3.65	.77	1.32	1.28	4.08	3.40	1.49	1.82	2.284
March.....	.89	2.04	2.00	2.51	2.81	1.40	3.63	2.43	1.64	2.05	2.090
April.....	1.76	3.75	2.49	.56	2.45	.63	2.23	1.92	1.92	2.32	2.003
May.....	2.84	.67	1.90	2.36	1.93	2.79	1.16	2.46	4.02	3.35	2.348
June.....	1.55	2.33	5.27	2.14	3.18	2.64	2.12	3.46	2.96	4.81	3.046
July.....	2.06	5.79	1.50	4.43	2.86	2.39	2.04	4.31	.37	6.78	3.253
August.....	2.15	2.19	3.05	6.15	3.26	3.98	3.75	5.74	3.57	2.68	3.652
September.....	3.15	1.67	6.71	4.13	4.33	3.94	4.06	2.27	3.60	6.55	4.041
October.....	7.70	2.49	4.47	4.00	3.82	5.13	4.48	4.07	4.91	2.10	4.317
November.....	2.15	1.47	5.30	2.09	3.19	4.10	2.53	5.35	2.91	1.36	3.045
December.....	2.33	2.50	4.20	1.55	4.28	2.50	7.67	3.93	2.57	2.46	3.399
TOTALS	32.06	31.43	46.19	34.88	35.50	34.80	39.19	46.13	34.18	38.15	37.251

House 40 ft high & 60 ft distant
 1579 Thrubs 1 ft 6 ins high 10 ft E.

Omagh church 1 mile W.

9 thurs 1870 + 71 must be low

and suggest 34.90 + 35.30

Y's 28/1/33

RAINFALL AT *Omagh, Edemfella*

Lat.....

Lon.....

County of.....

Tyrone

Rain Gauge, by.....

Observer

*Capt. Buchanan**No 2**Gauge - 3.**Twice a month*

Diameter .....	.5											
Height	1.2		1.									
Altitude	300.											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.85	4.39	6.16									
February.....	2.88	2.72	3.77									
March.....	.78	2.30	2.02									
April.....	1.38	4.06	2.44									
May	2.53	.59	1.75									
June.....	1.60	2.38	5.32									
July	1.89	6.25	1.55									
August.....	2.05	2.30	3.37									
September.....	2.90	1.67	6.33									
October.....	8.23	2.35	4.75									
November.....	2.25	1.78	5.50									
December.....	2.41	2.53	4.37									
TOTALS	31.75	33.32	47.33									

*g on the crest of a Hill about 150 yards East of the
 other gauges & 20 ft. higher
 1873 G. broken*

RAINFALL AT *Newtown Stewart - Drumquin*

70

Lat.

Lon.

County of *Lanone*

Rain Gauge, by

Observer *Rev. E. Hennessy B.A.**Fogle - 3*

Diameter . . .						5					
Height . . .						1	-				
Altitude . . .											
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						# 5.05	2.39	#			
February . . .						1.42					
March						1.55					
April						1.01					
May						3.21					
June						3.61					
July						2.37					
August						4.12					
September . . .						4.64					
October						5.79					
November . . .						4.44					
December . . .						4.19					
TOTALS . . .						41.40					

RAINFALL AT *Strabane*

70

Lat.

Lon.

County of *Tyrone*

Rain Gauge, by

Observer. *McKinlay Esq.**Foyle - 3.*

Diameter....						5					
Height						1	-				
Altitude						20					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>#</i> 4.16	1.94		3.93		
February....						1.15	5.02		1.29		
March						1.35	4.36		2.01		
April .....						.70	3.17		2.02		
May						2.11	.79		4.66		
June						2.95	2.53		2.00		
July						1.45	1.90		.33		
August						(3.53)	3.66		4.09		
September ..						2.13			3.41		
October						4.10		4.32	4.14		
November ..						4.89		5.57	3.20		
December ..						2.97		5.86	2.02	<i>#</i>	
TOTALS ..						(31.51)			33.10		

1879 Observer left.

RAINFALL AT *Strabane Leckpatrick*

Lat.....

Lon.....

County of.....

Tyone

.....Rain Gauge, by.....

Observer

*Rev. L. Maswile**File - 3.*

Diameter	<i>0</i>										
Height	<i>5</i>										
Altitude	<i>253</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>3.66</i>	<i>4.37</i>	<i>6.06</i>								
February.....	<i>3.62</i>	<i>2.86</i>	<i>3.79</i>								
March.....	<i>7.31</i>	<i>2.87</i>	<i>3.49</i>								
April.....	<i>2.32</i>	<i>3.29</i>	<i>2.89</i>								
May	<i>2.51</i>	<i>.88</i>	<i>2.52</i>								
June.....	<i>1.75</i>	<i>2.35</i>	<i>5.41</i>								
July	<i>1.76</i>	<i>6.42</i>									
August.....	<i>2.42</i>	<i>2.49</i>	<i>5.66</i>								
September.....	<i>3.78</i>	<i>2.39</i>	<i>7.22</i>								
October.....	<i>9.74</i>	<i>3.76</i>									
November.....	<i>2.30</i>	<i>3.07</i>									
December.....	<i>3.42</i>	<i>2.58</i>									
TOTALS	<i>38.59</i>	<i>37.33</i>									

C C C

RAINFALL AT *Carndonagh*

Lat.

Lon.

County of *Donegal*

Rain Gauge, by

Observer *Rev A. Pinkerton**Donagh + C - 1.*

Diameter						5					
Height						1 -		5			
Altitude						265					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							3.03	7.82	5.42	3.17	
February. ..							5.79	4.93	1.62	2.30	
March						# 1.47	4.73	3.96	2.22	3.43	
April .....						.72	2.81	2.44	4.00	1.60	
May						3.00	.64	1.97	4.03	2.77	
June						4.00	2.93	3.44	2.96	4.60	
July						2.40	2.45	5.42	.77	5.05	
August						2.64	4.00	4.80	3.59	4.09	
September ..						4.31	4.04	2.88	4.20	6.89	
October						6.31	4.23	5.51	5.63	2.63	
November ..						5.32	4.61	8.18	4.47	2.21	
December ..						3.36	8.07	4.49	3.49	2.40	
TOTALS ..						33.53	47.33	55.84	42.40	41.14	

RAINFALL AT *Letherkenny G. Lemoen*

Lat.....

Lon.....

County of.....

Dougal

Rain Gauge, by.....

Observer

*Rev. G. Kingsmill**L. Lively - 2.*

Diameter .....	.5							5			
Height	1.8							1.			
Altitude	108										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.93	5.70			4.63						
February.....	4.11	3.50			2.86						
March.....	7.77	4.40			4.81						
April.....	3.26	4.42			6.40						
May.....	3.16	7.29			2.25						
June.....	2.70	3.82			2.51						
July.....	1.82	9.43		4.19	2.70						
August.....	2.33	3.50		6.90	6.08						
September.....	5.90	2.70		5.13	5.26						
October.....	11.05	4.74		6.67	7.49						
November.....	4.49	4.50		3.44	5.13						
December.....	4.90	4.47		3.66	6.07						
TOTALS	49.42	52.63			56.19	49.55					

1872 Jan 1st Gauge moved to Sprackbourn.
 1873 July " brought back from "

RAINFALL AT *Sprackburn Letterkenny 3 miles S.W. of the Town*

Lat.....

Lon..... County of *Donegal*Rain Gauge, by..... Observer *J. Aske Esq. M.B.**L. Swilly - 2.*

Diameter			5								
Height			1.6								
Altitude			75?								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			7.16	7.11							
February			4.03	.87							
March			3.53	2.95							
April.....			1.75	1.28							
May			2.98	3.24							
June.....			4.20	2.29	#						
July			1.25								
August.....			3.61								
September.....			9.89								
October.....			5.16								
November.....			5.90								
December.....			5.29								
TOTALS			54.75								

1872 Jan 1st Gauge moved from Glendoeen
 1873 July " " back to "

RAINFALL AT *Lettrenenny*

70

Lat.

Lon.

County of

Donegal

Rain Gauge, by

Observer

Dr F Carr

L. Swilly - 2.

Diameter								5			
Height								1			
Altitude								132			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							#	8.50			
February. . .								6.11			
March								3.81			
April								1.20			
May								1.71			
June								3.54			
July								3.56			
August								4.44			
September ..								3.73			
October								6.59			
November ..								8.59			
December ..								4.59			
TOTALS ..								56.37			

1877 House 30ft high & 40yds off

RAINFALL AT Ramelton Ballyare

Lat.....

Lon.....

County of.....

Donegal

Rain Gauge, by.....

Observer.....

G. M. W. Hill Esq.

L. Smiley - 2.

Diameter			5								
Height			1								
Altitude			60		60 [↑]						
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.21	2.85	5.05	5.63	2.85	3.78	2.50	5.56	5.60	2.17	39.20
February	3.50	3.15	3.18	1.05	1.58	1.17	4.28	4.34	1.75 2.23	1.65	26.13
March	2.00	2.85	3.02	3.08	2.07	2.12	6.22	3.81	4.46 2.71	1.95	29.35
April.....	3.38	4.35	1.82	.97	1.97	1.19	3.68	1.82	2.41	1.46	23.05
May	3.91	1.12	2.64	2.56	1.34	2.10	.50	1.50	4.25	2.74	22.66
June.....	3.54	3.66	5.66	1.55	1.66	2.64	3.26	2.65	2.21	4.50	31.33
July	2.39	7.83	1.89	3.57	2.51	2.91	1.45	3.62	.70	5.89	32.76
August.....	2.87	3.12	4.36	6.12	4.26	2.61	3.77	5.02	2.71	2.47	37.31
September.....	4.34	2.41	9.38	3.87	5.01	3.26	4.06	2.96	3.33	5.58	44.20
October.....	10.26	2.90	5.77	6.31	5.25	3.36	5.01	6.99	6.51	1.92	54.28
November.....	2.28	2.20	5.28	1.87	2.40	6.36	3.00	7.96	5.03	1.89	38.27
December.....	2.78	3.10	4.55	2.76	3.21	2.40	6.65	5.58	4.21	2.37	37.61
TOTALS	44.46	39.54	52.60	39.84	34.11	33.90	44.38	51.81	41.42	34.59	44.615

G in a farm garden sloping a little towards SE a wall and hedge about 12 ft high runs E. and W but is 12 yds N of G. 30 yds W of the G. the ground rises suddenly to about 50 feet. The G. was at first in another part of the garden, N of the wall & hedge mentioned above.

Feb + Mar 1878 Redivided according to London &erry Bellarena

RAINFALL AT *Ramelton*

Lat.....

Lon.....

County of.....

Donegal

.....Rain Gauge, by.....

Observer.....

*J. A. Mahony Esq.**L. Swilly - 2.*

Diameter.....				<i>.5</i>							
Height				<i>1.2</i>							
Altitude.....				<i>21</i>							
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				<i>5.64</i>	<i>3.32</i>	<i>4.65</i>	<i>2.48</i>	<i>6.96</i>	<i>5.02</i>	<i>2.53</i>	
February.....				<i>1.22</i>	<i>2.19</i>	<i>1.14</i>	<i>4.18</i>	<i>4.31</i>	<i>1.26</i>	<i>2.33</i>	
March.....				<i>3.16</i>	<i>2.66</i>	<i>2.12</i>	<i>5.94</i>	<i>3.44</i>	<i>2.66</i>	<i>2.62</i>	
April.....				<i>.93</i>	<i>3.53</i>	<i>1.01</i>	<i>3.21</i>	<i>1.57</i>	<i>2.47</i>	<i>1.90</i>	
May				<i>1.91</i>	<i>2.07</i>	<i>2.10</i>	<i>.65</i>	<i>1.46</i>	<i>4.11</i>	<i>3.23</i>	
June.....				<i>1.05</i>	<i>1.97</i>	<i>3.92</i>	<i>2.56</i>	<i>2.77</i>	<i>2.01</i>	<i>5.68</i>	
July				<i>4.60</i>	<i>3.36</i>	<i>2.74</i>	<i>1.76</i>	<i>3.61</i>	<i>.39</i>	<i>6.17</i>	
August				<i>6.18</i>	<i>4.93</i>	<i>3.62</i>	<i>2.66</i>	<i>4.52</i>	<i>2.70</i>	<i>3.25</i>	
September.....			<i>#</i>	<i>4.05</i>	<i>4.51</i>	<i>5.30</i>	<i>3.63</i>	<i>4.03</i>	<i>3.23</i>	<i>4.45</i>	<i>5.73</i>
October.....			<i>3.46</i>	<i>6.00</i>	<i>5.78</i>	<i>3.50</i>	<i>5.18</i>	<i>6.47</i>	<i>6.90</i>	<i>2.32</i>	
November.....				<i>2.23</i>	<i>3.60</i>	<i>5.05</i>	<i>3.47</i>	<i>7.41</i>	<i>5.83</i>	<i>2.10</i>	
December.....			<i>5.30</i>	<i>3.28</i>	<i>5.56</i>	<i>3.44</i>	<i>5.88</i>	<i>4.71</i>	<i>5.67</i>	<i>1.25</i>	
TOTALS				<i>40.71</i>	<i>44.27</i>	<i>36.92</i>	<i>42.00</i>	<i>50.46</i>	<i>43.47</i>	<i>39.11</i>	

*1879 Tree 30 ft high 30 ft S & E**Ramelton church 600 yds N.E.*

RAINFALL AT *LeMorkenny Rathmullan Killygarvan Gleebe*

Lat..... Lon..... County of *Donegal*

Rain Gauge, by..... Observer... *Rev C. H. Cochrane*

L. Swilly - 2.

Diameter.....								5			
Height.....							6	10			
Altitude.....					14			11			
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					4.10	4.13	2.37	6.93	5.71	1.74	
February.....					1.30	1.55	4.57	5.75	1.53	1.86	
March.....					3.00	1.99	7.89	3.80	3.23	2.12	
April.....					1.40	.95	3.13	1.72	2.75	1.96	
May.....					1.28	2.70	.62	2.22	3.57	3.37	
June.....					2.60	3.43	2.86	3.16	3.04	5.46	
July.....					2.22	2.41	2.23	4.62	.86	6.35	
August.....					4.33	2.79	3.79	6.09	3.06	3.05	
September.....					4.35	4.02	4.35	3.38	4.48	5.11	
October.....					4.82	4.20	5.01	6.37	6.93	2.73	
November.....					4.69	4.80	2.81	7.67	5.08	2.15	
December.....					5.95	3.55	6.43	5.33	3.73	2.18	
TOTALS.....					40.04	36.52	46.06	57.04	43.97	38.08	

The gauge consists of 4 small tin boxes close together on an open canon,

1879 Pear tree 30ft high & hedge 12ft high 50ft N.W.

Rathmullan 1 1/2 miles S.S.W

RAINFALL AT Buncrana Rockfort

70

Lat.

Lon.

County of Donegal

Rain Gauge, by

Observer J. Colquhoun Esq

L. Swilly - 2.

Diameter . . .						5					
Height . . .						1	-				
Altitude . . .						15					
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						3.18	2.19	6.68	5.13	2.07	3.98
February . . .						1.26	4.01	4.02	1.34	1.69	2.67
March						1.77	5.27	3.28	3.01	2.18	2.98
April . . . . .						.96	2.89	1.95	2.74	1.65	2.45
May						2.39	.69	2.22	3.96	3.08	2.34
June						4.04	2.57	2.89	3.16	5.61	3.30
July						2.17	1.80	4.67	.47	6.42	3.77
August						2.42	3.86	6.23	3.29	2.88	4.06
September . .						4.14	3.84	3.12	4.10	5.11	4.48
October						4.80	4.12	6.76	6.69	2.49	5.41
November . .						6.35	3.13	6.69	5.36	1.96	4.14
December . .						3.14	7.08	4.78	3.96	1.74	3.92
TOTALS . .						36.62	41.45	53.29	43.21	36.88	43.50*

1877 House about 30ft high & 30 yard distant

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

* Average computed from Limavady Drough
 & Inverville Prospect Villa
 Monthly distribution from Ramellon
 Ballyvaughan & Londonderry Bellarena

RAINFALL AT

Dunfahilly

70

Lat.....

Lon.....

County of.....

Donegal

Rain Gauge, by.....

Observer...

C Brooke Wolseley

Sheepaven - 3.

Diameter.....				<i>.5</i>							
Height				<i>8.2</i>	<i>3.</i>			<i>2.</i>	<i>1.</i>	<i>-</i>	
Altitude.....					<i>38</i>				<i>52</i>		
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					<i>4.59</i>	<i>4.52</i>	<i>2.24</i>	<i>6.43</i>	<i>4.39</i>		
February.....					<i>2.41</i>	<i>1.18</i>	<i>4.29</i>	<i>4.44</i>	<i>1.25</i>		
March.....					<i>3.28</i>	<i>2.04</i>	<i>4.84</i>	<i>3.60</i>	<i>3.25</i>		
April.....					<i>3.02</i>	<i>1.10</i>	<i>3.87</i>	<i>1.52</i>	<i>2.34</i>		
May					<i>1.88</i>	<i>2.86</i>	<i>.96</i>	<i>1.64</i>	<i>3.04</i>		
June.....					<i>1.56</i>	<i>3.34</i>	<i>2.90</i>	<i>3.03</i>	<i>2.95</i>		
July					<i>2.94</i>	<i>3.11</i>	<i>2.67</i>	<i>4.47</i>	<i>1.44</i>		
August.....					<i>5.01</i>	<i>4.54</i>	<i>2.81</i>	<i>4.39</i>	<i>5.35</i>		
September.....					<i>4.92</i>	<i>2.82</i>	<i>3.10</i>	<i>2.63</i>	<i>4.37</i>		
October.....					<i>#6.45</i>	<i>4.42</i>	<i>3.91</i>	<i>4.71</i>	<i>6.06</i>	<i>6.62</i>	
November.....					<i>3.38</i>	<i>4.79</i>	<i>3.50</i>	<i>3.25</i>	<i>8.44</i>	<i>4.54</i>	
December.....					<i>3.77</i>	<i>4.43</i>	<i>3.45</i>	<i>6.13</i>	<i>3.67</i>	<i>3.58</i>	<i>#</i>
TOTALS.....					<i>43.25</i>	<i>36.37</i>	<i>41.77</i>	<i>50.32</i>	<i>43.12</i>		

1879 Observer left.

RAINFALL AT *Dunfanaghy*

70

Lat. Lon. County of *Donegal*

Rain Gauge, by Observer *J. A. Sterritt*

Sheephaven - 3.

Diameter.											<i>.5</i>	
Height.											<i>1' -</i>	
Altitude.											<i>11</i>	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879		MEANS.
January.												
February.												
March.												
April											<i>#</i>	
May.											<i>1.60</i>	
June											<i>2.57</i>	
July.											<i>3.90</i>	
August											<i>3.79</i>	
September.											<i>3.70</i>	
October											<i>5.69</i>	
November.											<i>3.73</i>	
December											<i>2.23</i>	
TOTALS											<i>2.48</i>	

1879 Wall 5ft 8in high 14ft W.
do 3ft. " 14" E.

Dunfanaghy church 300 yds N.W.

RAINFALL AT (Dunglow Templecrone)

Lat.....

Lon.....

County of.....

Donegal

Rain Gauge, by.....

Observer

Rev. A Delap

Gweedahoe &c - 4.

Diameter	8											
Height	6				8							
Altitude	10											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.73	4.37	8.26	6.00	4.05	4.20						
February.....	3.30	2.70	3.77	8.3	2.00	1.27						
March.....	7.68	4.37	3.40	2.71	3.89	1.75						
April.....	2.35	3.22	1.41	1.30	1.61	1.40						
May.....	2.10	1.23	2.79	3.32	2.20	2.97						
June.....	2.02	2.84	5.60	2.18	1.64	3.70						
July.....	2.14	5.77	1.11	5.04	3.21	3.47						
August.....	2.78	2.29	4.63	7.02	6.00	5.53						
September.....	4.70	3.63	7.65	4.75	5.19	2.68						
October.....	8.50	4.12	5.05	7.48	7.05	4.47						
November.....	4.02	3.50	5.02	3.85	4.25	3.61						
December.....	2.86	5.53	4.08	3.33	4.62	3.89						
TOTALS.....	39.18	43.65	52.77	47.21	45.71	38.96						

1871 by as near the shore of the Atlantic as possible (avoiding the spray & "sprindrift") on rather low lying land outside (to West of) main range of Donegal Mountains. Mr B. Dr. King's mill's Gauge is just on opposite side (East) of range of Mountains with a large increase of Rainfall.

RAINFALL AT *Inver Glebe*

70

Lat.

Lon.

County of

Donegal

Rain Gauge, by

Observer

Rev. F. Carr

Donegal Bay - 5.

Diameter						5					
Height						1 -					
Altitude						200			100		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						3.52 2.78	5.58	5.46	2.74		
February. ...						1.64	5.39	6.00	1.58	2.83	
March						1.56	7.02	3.29	2.67	2.72	
April						1.59	4.38	1.63	2.63	1.94	
May						2.42	1.27	1.96	3.86	3.12	
June						4.42	3.21	4.01	3.48	3.93	
July						2.76	2.54	5.87	1.43	6.43	
August						4.93	4.34	6.06	4.55	4.48	
September ..						3.87	4.42	3.85	6.00	7.25	
October						5.66	4.41	6.58	6.63	3.89	
November ...						5.40	4.62	9.06	4.07	1.46	
December ...						3.59	5.58	6.56	2.75	1.86	
TOTALS ..						(41.36)	49.96	60.45	45.11	42.65	

Lissan church ¼ mile E

RAINFALL AT Donegal Rivolin

70

Lat.

Lon.

County of

Donegal

Rain Gauge, by

Observer

S. R. Craig Esq.

Donegal Bay - 5.

Diameter.												5
Height.												2
Altitude.												20
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.												
February.												
March.										#		
April.										2.63		
May.										1.89		
June.										3.66		
July.										3.00		
August.										5.63		
September.										5.11		
October.										8.57		
November.										3.46		
December.										1.47		
TOTALS.										2.46		
										37.88		

1879 House 25 ft high 94 ft S.E.

Hill 100 ft " } base of hill

Cliff 40 ft " } about 80 yds S.

Donegal church 1 mile E.S.E.

RAINFALL AT *Ballyshannon*

70

Lat.....

Lon.....

County of.....

Donegal

Rain Gauge, by.....

Observer.....

H. Allingham Esq

Line - 6.

Diameter.....					5						
Height.....					1.1						
Altitude.....					7			25			
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					4.38	4.47	1.85	7.69	5.24		
February.....					1.63	1.41	4.60	5.69	1.39		
March.....					3.43	1.14	3.16	3.04	1.80		
April.....					3.03	1.23	2.03	1.77	1.12		
May.....					1.50	1.78	.97	2.66	4.01		
June.....					1.85	3.43	2.08	3.32	4.45		
July.....					3.52	3.15	2.44	5.17	2.04		
August.....					5.51	3.60	3.63	4.46	3.87		
September.....					4.77	3.35	3.70	2.43	5.66		
October.....					5.92	5.08	4.54	3.86	4.05	6.20	
November.....					2.82	3.60	3.66	3.67	7.64	4.67	
December.....					1.85	4.55	1.93	5.21	5.12	3.24	
TOTALS.....					42.85	33.69	37.20	53.04	43.69		

1876 Gauge moved to Gas Works Jan 1st 1877
 Gauge moved back from Gas Works to old position at end of 1877

RAINFALL AT *Raphoe Conroy.*

Lat.....

Lon.

County of.

Donegal.

Rain Gauge, by.

Observer

Major Montgomery...

Foyte - 8.

YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
Diameter			8	5							
Height			1								
Altitude			110	100					110		
January.....	2.72	4.31	6.95	5.60	3.71	4.59	2.51	6.39	5.80	1.77	4.4354
February	3.28	2.67	3.20	1.25	2.14	1.19	4.88	4.66	1.89	2.17	2.733
March	1.67	4.31	3.07	2.78	3.25	1.84	6.06	3.69	2.97	2.90	3.254
April.....	2.34	3.17	2.03	.78	3.26	1.22	3.05	1.63	2.44	2.57	2.249
May	2.09	1.22	2.67	2.81	2.63	2.52	.81	1.55	4.76	3.28	2.4344
June.....	2.01	2.80	4.95	1.43	2.08	3.89	3.36	3.80	4.82	5.20	3.434
July	2.13	5.70	1.58	4.33	2.71	2.71	2.18	4.68	.56	5.92	3.250
August.....	2.77	2.25	4.73	6.49	5.65	3.04	3.64	4.85	4.29	3.52	4.123
September.....	4.68	3.57	9.04	4.01	4.88	3.16	3.87	3.45	4.18	3.45	4.429
October.....	8.47	4.06	4.61	5.50	6.56	4.88	5.26	6.80	5.84	2.52	5.450
November.....	4.00	3.52	4.15	2.41	3.63	5.49	3.63	7.27	4.43	2.09	4.062
December.....	2.84	5.48	3.77	2.52	5.31	4.12	6.16	5.54	3.46	2.91	4.208
TOTALS	39.00	43.00	50.75	39.91	45.81	38.65	45.41	54.31	45.44	38.30	44.0584

Conroy church $\frac{1}{4}$ mile distant

RAINFALL AT Raphoe Conroy

70

Lat.....

Lon..... County of Donegal.....

Rain Gauge, by..... Observer... Major Montgomery

Foyle - 8.

Diameter.....				5							
Height.....				4							
Altitude.....				100	109						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				5.52	3.89	4.84	2.77	6.55	5.85	1.77	
February.....				1.15	2.14	1.16	4.87	4.20	1.86	1.93	
March.....				2.67	3.25	1.76	6.30	3.65	2.91	2.92	
April.....				.63	3.11	1.15	2.84	1.63	2.36	2.48	
May.....				2.51	2.66	2.32	.69	1.50	4.71	3.17	
June.....				1.14	2.01	3.77	2.97	3.79	4.86	5.20	
July.....				3.77	2.65	2.49	2.04	4.57	.49	5.71	
August.....				5.22	5.66	2.91	3.48	4.86	4.20	3.31	
September.....				3.67	4.90	3.02	3.59	3.37	4.15	3.22	
October.....				5.35	6.50	4.82	5.36	6.62	5.59	2.40	
November.....				2.38	3.60	5.24	3.62	7.18	4.43	2.14	
December.....				2.37	5.18	4.04	6.16	5.40	3.46	2.76	
TOTALS.....				36.38	45.55	37.52	44.69	53.32	44.87	37.01	

RAINFALL AT *Noville*

Lat..... Lon..... County of... *Donegal*.....
..... Rain Gauge, by..... Observer *Rev. J. Smith*.....

Foye - 8.

Diameter	/						8				
Height	4						1.4				
Altitude	<i>100</i>						<i>78</i>				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.18	5.25	6.69	4.11	3.42	4.32	2.72	6.37			
February.....	1.82	2.60	2.79	1.45	2.44	1.37	4.92	5.88			
March.....	7.27	3.32	3.68	2.38	3.38	2.00	6.23	3.61			
April.....	2.18	4.82	4.10	.90	2.63	.83	2.60	1.52			
May.....	2.95	1.39	3.26	3.67	1.89	2.49	.90	2.20			
June.....	2.54	1.96	4.77	1.62	1.64	3.47	2.48	2.93			
July.....	2.14	6.17	2.39	4.60	4.01	2.22	3.04	6.11			
August.....	2.28	2.61	4.77	5.90	4.48	3.92	3.95	5.07			
September.....	4.70	3.33	9.28	4.59	4.84	4.98	5.20	3.15			
October.....	9.98	3.23	5.30	7.30	5.86	5.41	5.54	5.79			
November.....	3.25	3.62	6.68	2.68	4.95	7.06	3.54	6.95			
December.....	3.55	2.83	3.80	2.99	4.86	3.02	5.77	5.95			
TOTALS	39.84	41.13	57.51	42.19	44.40	41.09	46.89	55.53			

C C C

RAINFALL AT *Moiville Greencastle*

70

Lat. Lon. County of *Donegal*
 Rain Gauge, by Observer *J. Lowry*
79
The Met. Council *79*

79 - 8.

Diameter . . .								8			
Height . . .								1.4	2		
Altitude . . .								79	78		
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .								6.51	6.17	2.36	
February . . .								5.29	1.94	1.63	
March								3.64	3.10	2.61	
April								1.47	3.07	2.01	
May								2.00	4.44	3.44	
June								2.73	3.51	4.56	
July								6.03	74	5.76	
August								5.29	3.70	4.70	
September . . .								2.81	4.72	4.79	
October								5.85	5.96	2.94	
November . . .								6.94	5.96	2.40	
December . . .								5.80	5.36	1.65	
TOTALS . . .	39.84	41.13	57.51	42.19	44.40	41.09	46.89	54.36	48.67	38.85	(45.493)

1879 Hedge 2ft high 6ft S.E

Greencastle church 2 miles E

1870-1876 = Rev. F. Smith's gauge