

RAINFALL AT *Ballybrack, Keanavilla*

70

Lat. Lon. County of *Dublin*

Rain Gauge, by Observer *Federick B. Falkiner Esq*

Vastrey & C - 1.

Diameter.								<i>0.5</i>			
Height.								<i>1.6</i>			
Altitude.								<i>30</i>			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								<i>5.92</i>	<i>1.30</i>	<i>2.29</i>	
February								<i>1.34</i>	<i>1.61</i>	<i>4.72</i>	
March								<i>2.36</i>	<i>1.13</i>	<i>1.75</i>	
April								<i>4.95</i>	<i>1.98</i>	<i>2.64</i>	
May								<i>2.21</i>	<i>5.39</i>	<i>2.45</i>	
June								<i>1.06</i>	<i>3.46</i>	<i>4.76</i>	
July								<i>3.36</i>	<i>.69</i>	<i>3.74</i>	
August								<i>3.45</i>	<i>5.11</i>	<i>3.16</i>	
September								<i>2.48</i>	<i>1.92</i>	<i>2.36</i>	
October								<i>1.92</i>	<i>2.30</i>	<i>1.12</i>	
November								<i>2.33</i>	<i>1.18</i>	<i>1.50</i>	
December								<i>2.34</i>	<i>1.79</i>	<i>1.00</i>	
TOTALS								<i>33.72</i>	<i>27.86</i>	<i>31.49</i>	

RAINFALL AT Dalkey Bellevue Park

70

Lat. Lon. County of Dublin

Rain Gauge, by Observer J. Kewans

Liffey TC-2.

Diameter....								6			
Height								1.3	1.		
Altitude								148			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								5.33	2.03	2.32	
February. .								1.29	1.84	4.40	
March								2.53	1.37	1.79	
April								4.95	2.04	2.50	
May								2.39	5.68	2.36	
June								4.2	3.97	3.59	
July.....								3.00	4.2	3.70	
August								3.42	5.50	3.48	
September .								2.44	1.97	2.68	
October								2.38	2.22	1.21	
November .								1.88	1.07	1.53	
December .								2.46	1.26	1.05	
TOTALS .								32.49	29.37	30.61	

1877 A shrub about 4ft high 6ft from gauge
 & a wall 10ft high 33ft from gauge
 1879 Wall 11ft high 25ft E.

Villiney church $\frac{1}{2}$ mile S.

RAINFALL AT *Monkstown Easton Lodge*

70

Lat. Lon. County of *Dublin*

Rain Gauge, by Observer *Greenwood Pinn Log*

Lifey TC-2.

Diameter...						8					
Height ...						9					
Altitude ...						90					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January ....							.36	5.11	1.72	2.44	
February....							3.46	1.28	1.63	3.17	
March							2.47	2.64	1.22	1.59	
April							2.05	5.08	1.63	2.04	
May						# 1.20	.65	2.09	5.02	1.87	
June						2.29	1.42	.96	3.60	5.13	
July						2.49	.90	3.21	.55	3.51	
August						1.46	2.51	4.78	6.22	3.22	
September ..						3.61	3.39	2.01	1.69	1.79	
October						7.64	5.00	2.11	1.90	1.11	
November ..						3.98	5.04	2.37	.96	1.30	
December ..						1.37	8.50	2.33	1.53	1.02	
TOTALS ..							35.75	33.97	27.67	28.19	

This gauge is situated very near the old one and its indications are about 7% more than the latter

1879 A tree 5ft high 14ft E.N.E.

Monks Town church ¼ mile E.S.E

RAINFALL AT *Monkstown Easton Lodge*

Lat.

Lon.

County of

Dublin

Rain Gauge, by

Observer

*Greenwood Park Esq.**Lipsey & Co - 2.*

Diameter	3										
Height	10	1.0	6	1							
Altitude	70 [?]		90								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.43	2.90	3.45	3.37	2.19	3.60					
February.....	2.78	2.24	3.49	75	3.22	2.52					
March.....	2.02	.71	2.16	2.54	.77	1.08					
April.....	54	2.67	2.97	.61	1.11	.86					
May.....	1.04	.35	1.66	.67	1.37	1.12					
June.....	59	2.28	2.60	48	.82						
July.....	59	5.63	.98	3.86	2.38						
August.....	1.52	1.13	3.83	3.35	4.37						
September.....	1.49	3.41	2.37	2.07	1.59						
October.....	6.54	2.21	3.56	2.76	2.75						
November.....	1.42	1.10	4.31	1.85	3.73						
December.....	2.60	.91	6.20	70	3.76						
TOTALS	2356	2554	3758	2801	2806						

1875 New gauge started? This g still observed

RAINFALL AT *Kingstown*

70

Lat.

Lon.

County of

Dublin

Rain Gauge, by

Observer

The Met. Council

Lifey tc - 2.

Diameter...											
Height ...								8			
Altitude								3.5			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January				3.51	2.03	3.47	.34	5.02	1.97	2.16	
February....				.66	2.93	1.93	3.13	1.11	1.57	3.86	
March				2.90	.68	.99	2.05	2.67	1.02	1.76	
April .....				.55	1.11	.98	1.74	5.02	1.78	2.03	
May				1.12	1.45	1.17	.67	1.92	4.70	2.03	
June .....				.68	.99	2.39	1.55	1.18	3.29	4.59	
July				3.18	2.41	2.18	.82	2.97	.44	3.35	
August				3.93	4.52	1.53	2.56	3.91	6.49	3.06	
September ..				2.17	1.86	3.33	3.05	2.00	1.92	2.06	
October				2.43	2.55	7.13	4.77	2.11	1.79	1.26	
November ..				1.39	3.69	3.68	4.54	1.97	.86	1.41	
December ..				.50	3.68	1.08	8.09	2.08	1.47	1.10	
TOTALS ..				23.02	27.90	29.86	33.31	31.96	27.30	28.67	

1873 to 1876 from paper by Dr. Byrne Power on "The Public Health of Kingstown. Trans. San. Inst. Vol VI

RAINFALL AT *Dundrum Bloomsbury Annerville*

Lat.....

Lon.....

County of.....

Dublin

Rain Gauge, by.....

Observer

*J. Wensley Bond Esq**Liffey TC - 2.*

Diameter .....	.5	.	.	.	.	.	.	.	.	.	.
Height	1	.	.	.	.	.	.	.	.	.	.
Altitude	268	.	.	.	.	.	.	.	.	.	.
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.86	3.06	3.42								
February.....	2.51	2.11	3.81								
March.....	2.07	1.04	2.67								
April.....	.76	2.98	3.28								
May	1.25	.40	2.46								
June.....	.83	3.08	3.21								
July .....	.63	5.11	1.18								
August.....	1.75	1.05	3.47								
September.....	1.63	4.68	2.70								
October.....	1.82	3.08	4.43								
November.....	1.45	1.42	(12.00)								
December.....	2.92	1.36									
TOTALS	25.48	29.37	42.63								

C C C

Nov & Dec. 1872 estimates

RAINFALL AT *Black Rock*

Lat.....

Lon..... County of *Dublin*

Rain Gauge, by..... Observer

Lippes TC-2.

Diameter											
Height											
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>1.50</i>										
February	<i>3.40</i>										
March	<i>2.01</i>										
April.....											
May											
June.....											
July											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS											

C

RAINFALL AT *Black Rock Rockville*

Lat.....

Lon.....

County of.....

Dublin

Rain Gauge, by.....

Observer.....

*J Bewley Esq.**Liffey rc-2.*

Diameter.....	1										
Height.....	29										
Altitude.....	90		95	90							
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.59	3.16	3.74	3.71	2.20		.52				
February.....	2.68	2.63	3.91	.30	3.61		4.15				
March.....	2.12	.68	2.41	2.78	.79		2.44				
April.....	.65	2.86	3.02	.85	1.42		2.72				
May.....	1.20	.16	1.97	.81	1.80		.82				
June.....	.70	2.54	2.92	.45	.73		.40				
July.....	.68	5.94	1.12	4.42	2.26		.97				
August.....	1.96	1.10	4.31	3.88	5.64		2.18				
September.....	1.32	4.10	2.68	2.32	2.46	4.40	3.66				
October.....	6.64	2.84	4.23	2.41	4.78	9.91	7.43				
November.....	1.54	1.11	5.19	2.33	4.59	4.01	6.27				
December.....	2.94	.99	6.82	.50	8.90	1.41	10.91				
TOTALS.....	25.02	28.11	42.32	24.96	39.18		42.47				

1877 NR

70

RAINFALL AT *Dublin Belvedere Place*

Lat. Lon. County of *Dublin*

Rain Gauge, by Observer *H A Cosgrave*

Liffey TC - 2.

Diameter.											
Height.											
Altitude.											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January										<i>1.55</i>	
February										<i>3.20</i>	
March										<i>1.83</i>	
April										<i>1.78</i>	
May										<i>2.02</i>	
June										<i>3.32</i>	
July										<i>4.17</i>	
August										<i>3.85</i>	
September										<i>2.23</i>	
October										<i>1.32</i>	
November										<i>.94</i>	
December								<i>#</i>	<i>1.72</i>	<i>1.11</i>	
TOTALS										<i>27.32</i>	

1878 Gauge moved from Eccles Street

RAINFALL AT *Dublin Fitzwilliam Square*

Lat.....

Lon.....

County of.....

Dublin

Rain Gauge, by.....

Observer

*D. J. W. Munn**Lifey rc-2.*

Diameter .....	.5										
Height	3.6		3.4					4.3.4			
Altitude	57.		54								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.35	2.62	2.86	2.65	2.02	2.14	.40	4.32	1.56	1.71	2.263
February.....	1.44	1.65	2.56	.92	2.68	2.48	3.01	1.56	1.58	3.70	2.158
March.....	1.79	.81	2.42	2.39	.95	1.04	2.16	2.74	1.16	1.83	1.729
April.....	.84	3.16	2.66	.50	1.32	1.01	2.60	4.71	2.35	2.00	2.115
May.....	1.16	.38	2.16	.91	1.75	1.07	.80	2.34	4.54	2.05	1.716
June.....	.80	2.26	3.28	.94	.40	2.99	1.26	.92	5.06	4.05	2.196
July.....	.54	4.39	1.10	3.41	2.51	2.75	1.34	3.30	.65	4.19	2.418
August.....	1.51	1.07	4.30	3.94	4.95	1.88	2.26	3.54	4.64	3.70	3.179
September.....	1.63	4.05	2.46	2.37	1.71	3.18	3.15	1.80	1.68	2.05	2.408
October.....	5.19	2.92	3.42	3.09	2.51	7.05	4.50	2.15	2.09	1.32	3.424
November.....	1.22	1.26	3.42	2.01	3.18	3.05	3.61	2.44	1.34	1.25	2.278
December.....	2.39	.80	4.93	.69	3.21	1.31	7.57	2.33	1.61	1.01	2.585
TOTALS	20.86	25.37	35.57	23.82	27.19	29.95	32.66	32.15	28.26	28.86	28.469

C C C

RAINFALL AT *Dublin Eccles Street*

Lat.....

Lon.....

County of.....

Dublin

Rain Gauge, by.....

Observer.....

H. A. Cotgrave Esq

Liffey + C - 2.

Diameter.....				5							
Height.....				3.4							
Altitude.....				70	70 ⁺						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				2.70	2.07	1.99	.34	4.00	1.89		
February.....				.87	2.03	2.72	2.98	1.79	1.58		
March.....				2.57	1.01	1.00	2.12	2.80	1.30		
April.....				.59	1.14	.91	2.83	4.40	2.69		
May.....				1.16	1.84	1.04	.94	2.53	4.81		
June.....				1.23	.40	3.19	1.66	1.22	4.99		
July.....				4.18	2.50	3.15	1.58	3.28	.53		
August.....				4.38	4.38	1.83	2.38	4.10	4.91		
September.....				2.44	1.62	3.07	3.45	1.49	1.87		
October.....				3.26	2.52	7.23	4.28	1.97	1.89		
November.....				2.15	3.20	3.49	3.74	2.43	1.46 [#]		
December.....				.60	3.49	1.37	6.37	2.32	1.72		
TOTALS.....				26.13	26.20	30.99	32.67	32.33	29.64		

1878 Nov. Gauge moved in the middle of the month to Belvidere Place

RAINFALL AT *Lucan Onnavarra*

70

Lat. Lon. County of *Dublin*

Rain Gauge, by Observer *J. Woodward Stanford*

Lifes re-2.

Diameter....				6							
Height				6							
Altitude				154							
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January				3.92	2.61	2.85	.71				
February. ..				.50	1.39	3.22	3.30				
March				2.63	1.44	.87	2.28				
April .....				.88	1.37	.94	2.55				
May				1.73	1.68	1.49	1.14				
June				1.59	.86	2.77	1.47				
July.....				2.81	2.59	2.60	1.52				
August				4.54	5.03	1.67	3.14				
September ..				2.07	2.21	3.41	2.86				
October				3.37	2.75	5.14	4.41				
November ..				2.29	3.03	3.89	2.75				
December ..				1.00	3.29	1.95	6.05				
TOTALS ..				27.33	28.25	30.80	32.18				

RAINFALL AT *Dublin O.S.O. Phoenix Park*

Lat. Lon. County of

Rain Gauge, by..... Observer

Lifey rc-2.

Diameter	1.2						2.7				
Height	10										
Altitude	170			159	170 ^π						
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.44	3.77	2.89	2.85	2.27	2.03	.32	3.95			
February	1.72	1.48	1.91	.54	1.86	3.56	3.04	1.61			
March	2.08	1.79	3.37	2.70	1.13	1.23	2.27	2.58			
April.....	.76	3.45	2.81	.41	1.08	.95	2.76	3.86			
May	1.17	.29	1.80	1.13	1.99	1.04	1.08	2.15			
June.....	.98	2.46	3.10	1.20	.67	3.02	1.53	1.09			
July	1.31	4.97	1.12	3.66	2.28	3.03	1.56	3.32			
August.....	1.67	1.43	3.32	4.34	5.09	2.34	2.32	3.71			
September.....	2.63	1.40	3.05	2.44	2.45	3.20	3.19	1.30			
October.....	5.97	3.55	4.47	3.20	2.97	6.67	3.68	1.76			
November.....	1.17	1.19	3.40	2.29	3.24	3.85	3.38	2.70			
December.....	(2.39) out of order	1.16	4.57	.77	2.80	1.91	6.37	1.99			
TOTALS	(23.29)	26.94	35.81	25.53	27.83	32.83	31.45	30.02	(28.66)	(28.45)	(29.08)

1877 Trees about 30ft high + 50 yds distant

Decr 1870 = Dublin FitzWilliam Sq.

1878 + 1879 = other gauge

RAINFALL AT Dublin O. S. O. Phoenix Park

Lat. Lon. County of Dublin

Rain Gauge, by Observer

Lifes, etc - 2.

Diameter								5		578	
Height								3.0		3071.2	
Altitude								163		165	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								3.95	1.23	1.43	
February. ..								1.61	1.44	3.18	
March								2.57	1.16	1.95	
April								3.87	2.45	1.48	
May								2.15	4.37	2.17	
June								1.08	5.39	4.24	
July								3.33	74	4.49	
August								3.76	4.52	2.93	
September ..								1.31	1.66	2.46	
October								1.82	1.91	1.32	
November ..								2.72	1.47	1.50	
December ..								2.02	2.32	1.30	
TOTALS ..								30.19	28.66	28.45	

1877 Trees about 30ft high & 150ft distant

79 Trees " 40. " & 100 yds E. & W.

Castlemnock church 1 mile N.W.

RAINFALL AT *Glasnevin Botanic Gardens*

Lat.....

Lon.....

County of.....

Dublin

Rain Gauge, by.....

Observer.....

*David Moore Esq.**Liffey TC-2.*

Diameter		3.0			9	9	8				
Height		10.0			11	11					
Altitude		65.0		60		53	56				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	#	2.95	3.17	3.13	2.00	1.89	.34	4.27	1.78	1.75	
February.....		1.16	2.26	.38	2.27	2.83	3.17	1.73	1.69	3.23	
March.....		.69	3.16	2.17	1.12	.89	2.18	3.57	1.31	1.77	
April.....		2.65	2.96	.62	1.34	.76	2.38	4.31	3.05	1.82	
May.....		.26	2.47	1.10	1.51	.93	1.09	1.99	4.95	2.13	
June.....		1.87	3.55	1.15	.23	3.55	1.57	1.17	4.92	3.73	
July.....		5.25	1.37	3.14	2.67	2.87	1.49	3.03	.79	4.14	
August.....		1.36	4.76	4.26	4.24	1.96	2.39	4.05	4.89	3.54	
September.....		3.79	2.84	2.32	1.82	3.26	3.57	1.28	1.85	2.37	
October.....		2.62	3.47	3.37	2.58	7.14	4.23	2.11	1.87	1.18	
November.....		1.20	3.36	2.32	3.09	4.70	3.68	2.71	1.38	1.34	
December.....		1.26	4.83	.67	3.42	1.40	6.21	2.34	1.57	1.00	
TOTALS	2200	25.06	38.20	24.63	26.29 (25.29)	32.18	32.30	32.56	30.05	28.00	(29.12)

1874 New gauge started July 1st old one entirely discontinued

1870 estimated from Dublin F by William Sq

RAINFALL AT *Silballyaghan Carrstown House*

W of Lifford on board

70

Lat.

Lon.

County of *Dublin*

Rain Gauge, by

Observer

H. A. Cosgrave Esq. M.A.

Wanny etc - 3.

Diameter...						5					
Height ...						3	4				
Altitude ...						280					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						2.69	.60	5.44	2.24	2.15	
February....						2.10	3.95	1.77		3.74	
March.....						1.09	2.27	3.49	1.57	2.45	
April .....						.93	1.87	4.29	3.62	1.82	
May						1.72	1.50	2.76	4.87	2.52	
June						2.82	1.83	1.71	5.03	5.55	
July.....						2.86	1.45	3.14	1.00	4.55	
August						1.87	3.13	5.21	5.44	3.12	
September ..						4.45	4.28	1.90	2.28	3.45	
October						6.50	5.45	3.07	1.76	1.43	
November ..						5.15	5.05	3.87	1.39	1.19	
December ..						1.75	7.32	2.78	1.69	1.22	
TOTALS ..						33.93	38.70	39.43		33.19	

1878 Feb Obs. lost

RAINFALL AT *Rush Rush House*

Lat.

Lon.

County of *Dublin*

Rain Gauge, by

Observer *Miss H. E. Fleming*

hunny, etc - 3.

Diameter							5				
Height							1	1			
Altitude							57			55	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							58	4.68		2.03	
February							3.04	1.40	1.31	3.55	
March							1.95	2.70		2.37	#
April							1.25	4.10	2.39		
May . . . . .							.61				
June							1.66		2.97		
July							1.48	3.10			
August							2.82	1.78	4.96		
September . .							3.27		1.90		
October						# 17 th 6.23	4.77	1.87	1.28		
November . .						4.62	3.59	3.13	1.15		
December . .						1.53	7.29	1.65	1.78		
TOTALS . .							32.31				

RAINFALL AT *Sherris*

Lat.....

Lon.....

County of.....*Dublin*

Rain Gauge, by.....

Observer

Rev^d J Greene

hanny. etc - 3.

Diameter	<i>.5</i>										
Height	<i>/</i>										
Altitude	<i>/2</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>2.05</i>										
February.....	<i>1.67</i>										
March.....	<i>2.10</i>										
April.....	<i>.80</i>										
May.....	<i>2.97</i>										
June.....	<i>1.07</i>										
July.....	<i>.88</i>										
August.....	<i>1.86</i>										
September.....	<i>3.49</i>										
October.....	<i>6.52</i>										
November.....	<i>1.62</i>										
December.....	<i>2.78</i>										
TOTALS	<i>27.81</i>										

C

RAINFALL AT *Balbriggan*

Lat.....

Lon.....

County of *Dublin*

Ruin Gauge, by.....

Observer

*Rev. J. P. Warren**Kanny, etc - 3.**Daily*

Diameter	<i>.5</i>										
Height	<i>1</i>			<i>11</i>	<i>1</i>						
Altitude	<i>40</i>		<i>57</i>	<i>57</i>	<i>π</i>						
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>2.29</i>	<i>5.23</i>	<i>3.64</i>	<i>3.76</i>	<i>2.28</i>	<i>3.96</i>	<i>.70</i>	<i>5.97</i>	<i>2.48</i>	<i>2.52</i>	<i>3.283</i>
February.....	<i>1.92</i>	<i>3.17</i>	<i>3.12</i>	<i>.78</i>	<i>2.11</i>	<i>1.81</i>	<i>4.07</i>	<i>1.56</i>	<i>1.48</i>	<i>3.90</i>	<i>2.392</i>
March.....	<i>2.19</i>	<i>1.50</i>	<i>3.20</i>	<i>3.12</i>	<i>1.16</i>	<i>1.03</i>	<i>2.55</i>	<i>2.97</i>	<i>1.02</i>	<i>2.27</i>	<i>2.101</i>
April.....	<i>.71</i>	<i>3.90</i>	<i>3.53</i>	<i>4.0</i>	<i>1.68</i>	<i>.79</i>	<i>1.75</i>	<i>4.43</i>	<i>2.09</i>	<i>2.21</i>	<i>2.149</i>
May.....	<i>2.78</i>	<i>.59</i>	<i>2.49</i>	<i>1.57</i>	<i>1.48</i>	<i>1.65</i>	<i>.46</i>	<i>2.45</i>	<i>4.96</i>	<i>2.23</i>	<i>2.060</i>
June.....	<i>1.33</i>	<i>1.47</i>	<i>3.58</i>	<i>.85</i>	<i>.77</i>	<i>2.15</i>	<i>1.85</i>	<i>2.35</i>	<i>3.24</i>	<i>4.83</i>	<i>2.242</i>
July.....	<i>.78</i>	<i>4.00</i>	<i>1.69</i>	<i>4.18</i>	<i>1.80</i>	<i>2.22</i>	<i>1.21</i>	<i>3.23</i>	<i>.36</i>	<i>4.04</i>	<i>2.357</i>
August.....	<i>1.66</i>	<i>2.12</i>	<i>2.68</i>	<i>3.98</i>	<i>4.17</i>	<i>1.58</i>	<i>3.78</i>	<i>3.31</i>	<i>5.81</i>	<i>3.68</i>	<i>3.277</i>
September.....	<i>3.22</i>	<i>4.04</i>	<i>3.37</i>	<i>2.74</i>	<i>2.43</i>	<i>4.61</i>	<i>3.75</i>	<i>1.96</i>	<i>2.91</i>	<i>3.79</i>	<i>3.282</i>
October.....	<i>1.39</i>	<i>2.24</i>	<i>3.88</i>	<i>3.29</i>	<i>3.87</i>	<i>6.74</i>	<i>5.72</i>	<i>2.85</i>	<i>1.94</i>	<i>.88</i>	<i>3.880</i>
November.....	<i>1.51</i>	<i>1.80</i>	<i>4.98</i>	<i>1.82</i>	<i>4.73</i>	<i>5.44</i>	<i>5.39</i>	<i>3.93</i>	<i>1.09</i>	<i>1.04</i>	<i>3.173</i>
December.....	<i>3.14</i>	<i>1.45</i>	<i>7.10</i>	<i>.66</i>	<i>4.85</i>	<i>1.61</i>	<i>8.61</i>	<i>3.11</i>	<i>1.33</i>	<i>1.38</i>	<i>3.324</i>
TOTALS	<i>28.92</i>	<i>31.51</i>	<i>43.26</i>	<i>27.09</i>	<i>31.33</i>	<i>33.59</i>	<i>39.84</i>	<i>38.12</i>	<i>28.71</i>	<i>32.77</i>	<i>33.514</i>

*1871 by rather sheltered but I have no better place**79 Wall 6ft high 16ft E**Apple tree 20" " 30" N.W.**St Georges church Balbriggan 150 yds N.E.*

RAINFALL AT *Ballbriggam*

Lat.....

Lon.....

County of.....

Dublin

Rain Gauge, by.....

Observer

*Rev J P Warren**hanny, etc - 3.**Mon. thly*

Diameter		<i>.6</i>	<i>.5</i>								
Height		<i>1</i>									
Altitude		<i>400</i>	<i>57</i>								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		<i># 5.10</i>	<i>3.65</i>	<i>3.70</i>	<i>2.25</i>	<i>3.90</i>	<i>.68</i>	<i>5.84</i>	<i>2.40</i>	<i>2.45</i>	
February.....		<i>3.00</i>	<i>3.22</i>	<i>.78</i>	<i>2.05</i>	<i>1.75</i>	<i>4.00</i>	<i>1.47</i>	<i>1.55</i>	<i>3.81</i>	
March.....		<i>1.50</i>	<i>3.17</i>	<i>3.50</i>	<i>1.15</i>	<i>1.02</i>	<i>2.35</i>	<i>2.94</i>	<i>.99</i>	<i>2.18</i>	
April.....		<i>3.90</i>	<i>3.46</i>	<i>.40</i>	<i>1.65</i>	<i>.79</i>	<i>1.75</i>	<i>4.35</i>	<i>2.05</i>	<i>2.16</i>	
May		<i>.58</i>	<i>2.50</i>	<i>1.45</i>	<i>1.46</i>	<i>1.60</i>	<i>.44</i>	<i>2.45</i>	<i>4.87</i>	<i>2.18</i>	
June.....		<i>1.45</i>	<i>3.55</i>	<i>.85</i>	<i>.72</i>	<i>2.15</i>	<i>1.85</i>	<i>2.34</i>	<i>3.15</i>	<i>4.83</i>	
July		<i>3.94</i>	<i>1.67</i>	<i>4.20</i>	<i>1.75</i>	<i>2.21</i>	<i>1.19</i>	<i>3.17</i>	<i>.33</i>	<i>4.04</i>	
August.....		<i>2.10</i>	<i>2.71</i>	<i>3.85</i>	<i>4.10</i>	<i>1.55</i>	<i>3.72</i>	<i>3.30</i>	<i>5.72</i>	<i>3.68</i>	
September.....		<i>3.27</i>	<i>3.37</i>	<i>2.65</i>	<i>2.40</i>	<i>4.50</i>	<i>3.68</i>	<i>1.93</i>	<i>2.70</i>	<i>3.79</i>	
October.....		<i>2.20</i>	<i>3.75</i>	<i>3.20</i>	<i>3.78</i>	<i>6.70</i>	<i>5.70</i>	<i>2.82</i>	<i>1.84</i>	<i>.76</i>	
November.....		<i>1.75</i>	<i>4.93</i>	<i>1.80</i>	<i>4.60</i>	<i>5.40</i>	<i>5.37</i>	<i>3.80</i>	<i>.95</i>	<i>.90</i>	
December.....		<i>1.40</i>	<i>.25</i>	<i>.61</i>	<i>4.80</i>	<i>1.60</i>	<i>8.55</i>	<i>3.08</i>	<i>1.25</i>	<i>1.23</i>	
TOTALS		<i>30.19</i>	<i>43.23</i>	<i>26.49</i>	<i>30.71</i>	<i>33.17</i>	<i>39.28</i>	<i>37.49</i>	<i>27.80</i>	<i>32.01</i>	

C C

RAINFALL AT *Clonee Williamstown*

Lat..... Lon..... County of *Meath*
 Rain Gauge, by..... Observer *N. Johnston Esq.*

Rifey TC-2.

Diameter				<i>5</i>							
Height			<i>1</i>				<i>10</i>	<i>1</i>			
Altitude			<i>200</i>							<i>300</i>	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			<i>3.19</i>	<i>4.07</i>	<i>2.53</i>	<i>2.55</i>	<i>.62</i>	<i>4.15</i>	<i>2.07</i>	<i>1.66</i>	
February			<i>2.15</i>	<i>.63</i>	<i>1.16</i>	<i>2.70</i>	<i>3.96</i>	<i>2.24</i>	<i>1.59</i>	<i>2.94</i>	
March			<i>3.00</i>	<i>3.05</i>	<i>1.55</i>	<i>.95</i>	<i>2.41</i>	<i>3.25</i>	<i>2.45</i>	<i>2.27</i>	
April.....			<i>2.99</i>	<i>.44</i>	<i>1.28</i>	<i>1.13</i>	<i>2.65</i>	<i>3.52</i>	<i>3.22</i>	<i>1.43</i>	
May			<i>2.32</i>	<i>1.35</i>	<i>1.54</i>	<i>1.24</i>	<i>1.14</i>	<i>2.36</i>	<i>4.36</i>	<i>2.11</i>	
June.....			<i>4.05</i>	<i>1.52</i>	<i>.80</i>	<i>2.79</i>	<i>1.65</i>	<i>2.01</i>	<i>5.47</i>	<i>4.39</i>	
July			<i>.94</i>	<i>2.50</i>	<i>2.77</i>	<i>3.22</i>	<i>1.34</i>	<i>3.36</i>	<i>1.29</i>	<i>4.08</i>	
August.....			<i>2.95</i>	<i>4.24</i>	<i>4.29</i>	<i>1.73</i>	<i>2.85</i>	<i>3.71</i>	<i>4.53</i>	<i>3.11</i>	
September.....			<i>3.35</i>	<i>2.72</i>	<i>2.34</i>	<i>3.50</i>	<i>3.65</i>	<i>2.23</i>	<i>1.84</i>	<i>3.53</i>	
October.....			<i>5.00</i>	<i>3.19</i>	<i>2.85</i>	<i>6.03</i>	<i>4.22</i>	<i>2.44</i>	<i>1.55</i>	<i>1.46</i>	
November.....			<i>3.47</i>	<i>1.85</i>	<i>3.68</i>	<i>4.24</i>	<i>3.55</i>	<i>3.72</i>	<i>1.45</i>	<i>1.27</i>	
December.....			<i>4.59</i>	<i>.79</i>	<i>3.84</i>	<i>1.97</i>	<i>6.33</i>	<i>2.54</i>	<i>1.51</i>	<i>1.52</i>	
TOTALS			<i>38.00</i>	<i>26.35</i>	<i>28.63</i>	<i>32.05</i>	<i>34.37</i>	<i>35.53</i>	<i>31.33</i>	<i>29.77</i>	

C

RAINFALL AT Trim

70

Lat..... Lon..... County of..... *Meath*
 Rain Gauge, by..... Observer... *P. J. Malone C.E.*

Boyne - 4.

Diameter.....					10						
Height					5	4.2					
Altitude.....					190	180					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						5.27	1.04	6.84	2.74	2.17	
February.....						2.44	3.76	3.39	2.60	3.53	
March.....						1.30	3.20	3.69	1.69	1.65	
April.....						.59	2.39	5.50	1.84	1.61	
May						2.98	1.10	2.97	4.91	2.73	
June.....						3.77	1.61	5.85	5.20	5.45	
July						2.32	1.26	3.99	1.02	3.99	
August.....						1.41	3.21	4.10	4.37	3.06	
September.....						7.15	3.85	2.47	2.66	4.73	
October.....					# 4.90	5.09	3.57	3.66	2.35	1.34	
November.....						3.57	4.85	3.62	5.15	1.37	.86
December.....						4.26	1.73	7.96	4.19	1.94	2.17
TOTALS						38.90	36.57	51.80	32.69	33.29	

1877 Walls on S & S.W. 8ft high & 30 ft distant
 1879 Walls 7ft high 50ft W

Trim church 80 perches N.

RAINFALL AT *Navan Bahrath*

near Idells

70

Lat.

Lon.

County of *Meath*

Rain Gauge, by

Observer *R. W. Walsh C. 9.*

Boyne - 4.

Diameter						5					
Height								1			
Altitude								160			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>#</i> (4.75)	.77	5.72	2.35	2.04	
February. ..						1.71	3.60	1.78	1.69	2.47	
March .....						.85	2.54	3.79	1.31	1.92	
April .....						.84	1.88	2.89	1.89	1.45	
May						2.38	.67	2.34	3.88	2.18	
June						3.12	1.47	2.14	3.87	4.62	
July						4.68	1.27	2.78	.48	4.34	
August						1.48	2.98	4.42	4.73	3.03	
September ..						5.47	3.74	2.09	3.19	3.96	
October						4.39	3.66	2.16	1.84	.99	
November ..						(3.83)	4.40	3.17	1.32	.77	
December ..						2.00	6.53	2.90	1.30	1.20	
TOTALS ..						(35.50)	33.51	36.18	27.85	28.97	

Sw of Kells

RAINFALL AT *Atklone Turyford Baylin*

Lat.....

Lon.....

County of.....

West Meath

Rain Gauge, by.....

Observer

J. Winsley Bond Esq

Shannon, L. bank - 1.

Diameter	5				5							
Height	1				4	5	-	4			5	
Altitude	201				188		179				188	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS	
January.....	3.19	3.93	4.82	6.68	2.79	5.38	1.68	5.61	3.62	2.56	4.026	
February....	2.84	2.96	2.87	1.87	2.01	1.46	4.45	2.48	2.03	3.17	2.534	
March	2.49	2.59	2.57	3.79	1.92	1.02	4.07	2.71	1.92	1.97	2.505	
April.....	1.90	3.40	1.47	1.79	2.21	1.35	2.59	3.72	2.15	1.98	2.256	
May	2.97	1.21	2.59	2.10	1.76	2.36	.58	3.28	3.99	2.87	2.371	
June.....	.74	4.26	4.69	1.74	1.50	3.07	1.69	3.13	7.37	6.25	3.444	
July	3.29	6.14	2.84	5.25	2.97	2.11	1.55	3.62	2.03	4.72	3.452	
August.....	2.09	2.98	4.36	4.54	4.60	3.17	4.56	5.41	5.36	5.15	4.222	
September....	2.51	1.56	4.04	3.89	4.52	4.97	6.07	3.91	4.12	5.50	4.109	
October.....	7.07	3.33	6.80	3.62	5.03	4.61	5.27	5.71	4.06	1.90	4.740	
November.....	1.50	2.14	6.17	1.94	4.17	3.80	4.29	6.29	1.29	.65	3.224	
December....	3.14	2.36	5.99	1.84	4.44	2.54	7.19	5.23	1.72	2.24	3.589	
TOTALS	3373	3486	4921	3745	3792	3584	4399	5110	3966	3896	40.472	

1871 In garden 66 feet from any well

1876 No alteration in height or position of gauge

RAINFALL AT Mullingar Belvedere

335W
70

Lat.

Lon.

County of Westmeath

Rain Gauge, by

Observer C. Brinsley Marlay Esq

W. E. Coid

Shannon, L. bank - 1.

Diameter						5	5	.			
Height						1	1	.			
Altitude						360	367	.			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						5.82	1.57	6.44	3.15	2.74	3.77
February						2.32	5.54	2.87	2.02	3.01	2.54
March						1.18	3.59	3.15	2.23	1.42	2.50
April .....						.78	2.95	3.92	1.65	1.55	2.30
May						3.09	.85	2.58	4.67	3.05	2.25
June						3.15	1.67	3.37	6.08	6.98	3.11
July						1.79	1.50	2.94	1.88	4.14	3.26
August						2.30	4.63	4.38	5.15	3.55	3.86
September ..						4.65	4.60	2.66	3.95	4.40	3.88
October						5.01	3.21	4.43	2.97	1.41	4.35
November ..						3.55	3.59	5.16	1.64	.67	2.99
December ..						2.36	7.25	3.61	1.67	2.05	3.44
TOTALS ..						36.00	40.95	45.51	37.06	34.97	(38.25)*

Hedge 4ft 6 ins high 17ft N.

Arnylisca church 2 miles E.

* Average computed from Athlone, Twyford & Ballinasloe monthly distribution from Athlone & Portlarnhin.

RAINFALL AT *Rathowen Streete Daramona*

70

Lat.

Lon.

County of *Westmeath*

Rain Gauge, by

Observer

W. E. Wilson Esq.

Shannon, L. bank - 1.

Diameter									5		
Height									1. -		
Altitude									270		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									3.71		
February. ...									2.12		
March									2.16		
April									1.22		
May									4.06		
June									4.74		
July									2.09		
August									4.67		
September ..									4.57		
October									2.86		
November ..									1.21		
December ..									1.35		
TOTALS ..							38.33		34.76		

1879 no ref.

RAINFALL AT *Castle Bellingham Drumcassel*

Lat..... Lon..... County of..... *Louth*

..... Rain Gauge, by..... Observer *Mr Macan*

Dundalk Bay - 2.

Diameter				<i>.8</i>							
Height				<i>1.3</i>							
Altitude				<i>225</i>							
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				<i>4.44</i>	<i>1.88</i>	<i>4.92</i>	<i>1.68</i>	<i>6.84</i>	<i>3.17</i>	<i>2.95</i>	
February				<i>.38</i>	<i>1.51</i>	<i>1.86</i>	<i>4.61</i>	<i>1.98</i>	<i>1.82</i>	<i>3.49</i>	
March				<i>2.66</i>	<i>1.22</i>	<i>1.19</i>	<i>2.99</i>	<i>3.44</i>	<i>1.62</i>	<i>2.16</i>	
April.....				<i>.32</i>	<i>1.81</i>	<i>.81</i>	<i>2.02</i>	<i>4.06</i>	<i>3.18</i>	<i>2.64</i>	
May				<i>1.80</i>	<i>1.35</i>	<i>1.96</i>	<i>.88</i>	<i>3.16</i>	<i>6.70</i>	<i>2.45</i>	
June.....				<i>1.39</i>	<i>1.66</i>	<i>3.16</i>	<i>1.46</i>	<i>2.97</i>	<i>4.25</i>	<i>4.84</i>	
July			<i>1.55</i>	<i>4.80</i>	<i>3.16</i>	<i>2.11</i>	<i>1.21</i>	<i>3.75</i>	<i>.22</i>	<i>5.16</i>	
August.....			<i>2.85</i>	<i>4.82</i>	<i>4.13</i>	<i>2.36</i>	<i>3.85</i>	<i>3.44</i>	<i>3.14</i>	<i>2.62</i>	
September.....			<i>3.68</i>	<i>2.64</i>	<i>2.63</i>	<i>5.40</i>	<i>4.03</i>	<i>2.42</i>	<i>4.23</i>	<i>4.36</i>	
October.....	<i>7.42</i>		<i>4.86</i>	<i>2.66</i>	<i>3.58</i>	<i>5.22</i>	<i>3.90</i>	<i>2.71</i>	<i>2.20</i>	<i>1.73</i>	
November.....			<i>3.94</i>	<i>1.93</i>	<i>4.09</i>	<i>5.73</i>	<i>5.22</i>	<i>3.94</i>	<i>1.26</i>		<i>#</i>
December.....			<i>6.68</i>	<i>.62</i>	<i>3.79</i>	<i>1.89</i>	<i>8.43</i>	<i>3.21</i>	<i>1.84</i>		
TOTALS				<i>27.96</i>	<i>30.81</i>	<i>36.61</i>	<i>40.28</i>	<i>41.92</i>	<i>33.63</i>		

1877 Shrubs on N. 10ft high & 10 ft distant
" " S 14ft " " 19ft "

Adams 70

RAINFALL AT Dundalk Stephenstown

Lat.....

Lon.....

County of.....

Louth

Rain Gauge, by.....

D. M. Bond

Observer.....

Lt Col. Fortescue

Dundalk Bay - 2.

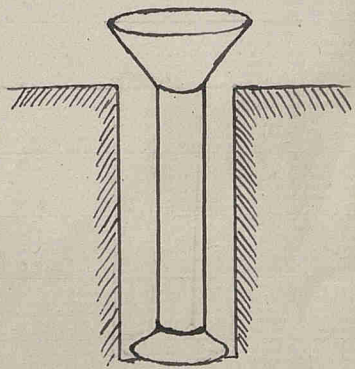
Diameter.....						5	5				
Height.....					4		11				
Altitude.....					75						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					1.72	3.79	1.48	6.20	2.98	2.36	
February.....					1.37	1.46	3.60	1.84	1.70	2.43	
March.....					1.10	1.00	2.70	2.73	1.53	1.73	
April.....					2.25	.43	2.81	3.62	2.23	2.22	
May.....					1.05	1.39	.54	3.05	6.31	3.58	
June.....					1.18	3.42	1.44	2.52	4.65	6.26	
July.....					2.80	2.78	1.12	2.89	.44	5.84	
August.....					3.23	2.47	2.88	3.42	2.94	2.77	
September.....					3.07	4.54	3.81	2.01	3.52	4.92	
October.....					4.11	5.75	3.42	2.47	1.89	1.80	
November.....					(4.27)	4.59	4.02	3.46	1.16	1.02	
December.....					2.39	1.58	7.73	3.20	1.11	1.76	
TOTALS.....					(28.54)	33.20	34.75	37.41	30.46	36.69	

1874 Gauge allowed to run over Nov^r 29th amount for that day estimated,

"My rain gauge is a glass measure holding an inch with a funnell filling into it

1875 A new 5 in gauge 11 in above ground used since August 1st the results of the two nearly agreed

Heynestown church $2\frac{3}{4}$ miles E.



RAINFALL AT *Dundalk Farmweg*

70

Lat.

Lon.

County of *Louth*

Rain Gauge, by

Observer *J. Barton Esq C.E.*

Dundalk Bay - 2.

Diameter						5					
Height						1	-				
Altitude									90		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						# 4.92	1.35	5.82	3.12	3.06	
February						1.14	4.08	2.02	1.43	2.24	
March						1.01	2.83	2.59	1.38	1.43	
April .....						.36	1.43	3.63	2.27	1.29	
May						1.47	.78	2.43	4.61	4.36	
June						3.46	1.59	2.59	3.33	5.77	
July						2.81	.56	3.02	.82	5.96	
August						2.96	2.07	3.04	2.74	2.62	
September ..						4.95	3.30	1.84	3.25	5.17	
October						6.46	4.00	2.80	1.82	1.63	
November ..						3.93	4.60	3.75	1.03	4.8	
December ..						1.92	7.00	3.24	1.00	1.76	
TOTALS ..						35.39	32.99	36.77	26.80	35.77	

*may
not*

1876 Oct. Nov. Dec. observer absent and obs. not reliable

RAINFALL AT Ravensdale Park

70

Lat.....

Lon..... County of Louth

Rain Gauge, by..... Observer Earl Clermont

Dundalk Bay - 2.

Diameter.....		8									
Height.....		1	-								
Altitude.....		360									
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		2.70	6.69	5.44	2.62	6.39	2.04	9.45	4.19	4.73	
February.....		4.77	5.42	1.45	2.56	2.50	5.35	2.90	3.31	4.53	
March.....		2.11	3.54	2.98	1.37	2.16	3.73	4.87	1.15	2.78	
April.....		6.04	5.28	.54	2.23	.51	3.04	6.16	3.48	2.76	
May.....		.83	2.54	2.30	.78	2.03	.46	3.48	6.27	4.57	
June.....		2.82	5.39	2.22	1.71	4.40	2.32	3.97	4.24	7.37	
July.....		5.09	2.17	7.35	3.60	3.70	1.75	4.35	.99	8.54	
August.....		1.54	3.46	5.71	5.22	3.29	4.14	5.54	4.01	3.87	
September.....		5.42	5.16	2.87	3.55	7.64	5.56	2.34	3.70	6.73	
October.....		4.07	5.89	3.80	5.54	10.96	5.38	5.47	3.18	2.38	
November.....		3.20	6.17	2.71	6.31	6.56	5.66	5.27	1.52	1.49	
December.....		3.37	9.09	1.00	5.06	2.86	13.11	4.35	1.71	1.85	
TOTALS.....		41.96	60.80	38.37	40.55	53.00	52.54	58.15	37.75	51.60	

The rain gauge is situated in a valley between hills one of which is 770 feet above sea level the other upon the lower slope of which the gauge is fixed, rises rapidly above it to the height of 1674 feet above sea level or 1314 feet above the gauge. Ravensdale Park lies between Newry and Dundalk on the borders of Louth and Armagh.

RAINFALL AT *Greenore*

70

Lat.

Lon.

County of *Louth*

Rain Gauge, by

Observer *T. Chambers*

Carlingford Lough - 3.

Diameter ....											.5
Height						1. -					.
Altitude							4				.
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						5.00	1.11	6.77	3.61	3.49	.
February. ..						11.00	3.54	2.03	2.19	3.68	
March						1.00	2.71	3.01	1.24	2.13	
April						1.50	1.87	3.69	2.12	2.53	
May						1.50	.82	3.60	4.86	3.17	
June						3.50	1.69	2.06	2.54	5.17	
July						2.80	1.31	3.07	3.1	4.73	
August						2.67	3.45	3.26	2.60	3.45	
September ..						5.06	4.47	1.69	3.16	4.95	
October						5.07	4.99	2.95	2.17	1.67	
November ..						5.50	5.20	4.50	1.00	.96	
December ..						1.44	7.41	3.84	1.08	1.60	
TOTALS ..						(34.74)	38.57	40.47	26.88	37.53	

1875 Jan-July very much ex^d C.S. 1. II. 10

RAINFALL AT Granard Barracks

Lat.

Lon.

County of Longford.....

Rain Gauge, by

Observer *Chief Const. Gorman*

Zone - 1.

[illegible]

RAINFALL AT *Edgeworthstown Currygrane*

70

Lat.

Lon.

County of *Louth*

Rain Gauge, by

Observer.....

R. Boyd

Shannon, L. bank - 3.

Diameter....											
Height										<i>1.1</i>	
Altitude									<i>270</i>	<i>260</i>	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January										<i>2.62</i>	
February. .										<i>2.92</i>	
March										<i>2.74</i>	
April										<i>1.47</i>	
May										<i>2.89</i>	
June										<i>5.29</i>	
July.....										<i>5.65</i>	
August										<i>2.94</i>	
September .										<i>3.60</i>	
October										<i>2.17</i>	
November .									<i># 3.03</i>	<i>1.11</i>	
December .									<i>6.05</i>	<i>2.51</i>	
TOTALS .										<i>35.91</i>	

1879 Tree 45 ft high 25 yds N.W.

Clonboney church 2 miles N.

RAINFALL AT Clifden (^o Clifden)

70

Lat..... Lon..... County of Galway.....

..... Rain Gauge, by:..... Observer Capt. Buckle R.N......

Sniff TC-1.

Diameter.....											
Height.....											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		5.27									
February.....		6.25									
March.....		6.40 [#]									
April.....											
May.....											
June.....											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS.....											

C

G. moved to Westport.

1878 a fine soft day 25th 3.

Ballinacorney 2 miles W.

RAINFALL AT *Clifden Kylemore*

70

Lat.

Lon.

County of *Galway*

Rain Gauge, by

Observer *A. Armstrong*

Briff & C - 1.

Diameter . . .						5					
Height . . .						1	-				
Altitude . . .						105					
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						10.80	9.66	18.33	8.86	7.80	9.21
February . .						2.93	9.85	8.31	4.83	8.31	5.83
March						2.89	8.24	6.72	4.68	5.37	4.91
April						3.76	6.85	5.77	6.00	3.69	4.76
May						6.00	2.10	8.70	6.33	4.01	4.78
June						7.45	6.11	7.12	11.32	7.70	6.70
July						4.23	4.36	7.40	2.23	6.76	6.06
August . . .						5.39	7.45	7.64	7.13	7.70	8.30
September .						9.40	6.15	3.10	10.52	11.29	7.49
October . . .						8.07	9.66	11.68	8.41	5.61	9.84
November . .						5.99	10.84	18.25	5.41	1.54	6.59
December . .						9.11	14.06	13.01	4.68	6.14	8.03
TOTALS . .						76.02	95.33	116.03	80.40	75.92	82.50 *

1875 Jan 1st gauge fixed 1ft above ground and not moved up to end of 1879

1879 a tree 10ft high 28ft S.

Ballinahill 7 miles W.

* Computed from Tuam, Gardenfield

RAINFALL AT Galway Queens College

70

Lat.....

Lon.....

County of.....

Galway

Rain Gauge, by.....

Observer

Prof. Luntis 118

Corrib - 3.

Diameter	10	16										
Height	6	8.0	9.									
Altitude	25.	30.0										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	4.11	⁺ 6.44	6.63	7.13	5.16	5.52	2.95	6.90	(100)	3.74	5.398	
February.....	2.72	4.78	3.93	1.37	2.68	1.04	5.31	3.22		4.05	3.249	
March.....	7.45	2.21	2.72	3.13	4.34	1.20	4.78	2.50	2.50	2.53	2.736	
April.....	2.61	3.44	1.70	3.22	3.07	2.19	3.74	3.34	2.50	2.45	2.826	
May.....	4.36	1.28	2.30	2.40	3.09	3.68	.85	3.53	3.36	1.89	2.674	
June.....	7.45	3.50	6.09	3.54	3.68	3.91	2.27	2.11	5.92	5.67	3.814	
July.....	3.43	6.20	2.80	6.47	4.98	1.13	3.39	3.20	1.43	3.87	3.690	
August.....	3.29	3.64	5.25	6.28	3.65	3.59	3.07	5.22	6.14	6.47	4.660	
September.....	3.51	2.18	6.90	4.14	4.00	1.10	5.61	2.42	3.65	5.03	3.854	
October.....	⁺ 9.69	2.20	6.45	5.50	6.73	3.57	4.63	5.68	3.40	2.30	5.015	
November.....	4.57	1.38	5.77	2.92	4.63	2.84	4.58	8.09	2.04	.88	3.770	
December.....	3.65	2.44	5.83	1.84	5.83	2.89	5.85	(4.27)	2.39	3.22	3.821	
TOTALS	44.84	39.69	56.37	48.08	51.84	32.66	47.03	(50.48)	40.33	42.70	45.342	

1877 Dec^r amount computed

Jan & Feb 1878 estimated from Port Clegg & Ballinasloe

RAINFALL AT Tuam Gardenfield

Lat.....

Lon.....

County of..

Galway

Rain Gauge, by..

Casella

Observer

N. Kirwan Esq.

Comb - 3.

Diameter	5					5					
Height	6					6	3				
Altitude	136				136						
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.28	3.62	6.07	6.29	3.03	4.58	2.35	6.59	3.12	3.97	4.290
February.....	3.54	4.16	3.42	1.18	1.94	.83	4.62	2.68	1.58	3.18	2.713
March.....	1.20	2.61	2.70	2.82	3.03	1.20	3.44	1.90	1.22	2.75	2.287
April.....	1.98	3.32	1.37	1.23	2.90	1.63	2.98	3.01	2.01	1.74	2.217
May.....	3.40	1.13	1.39	1.99	2.32	3.03	.64	3.04	3.50	1.81	2.225
June.....	.70	2.74	5.02	1.88	2.25	4.29	1.85	1.98	6.21	4.25	3.117
July.....	1.86	6.51	2.25	3.96	3.32	2.21	1.76	2.03	1.49	2.86	2.825
August.....	1.16	2.54	3.85	6.17	4.85	4.54	4.00	3.17	3.82	4.57	3.867
September.....	2.64	1.35	4.88	3.76	4.72	4.47	4.75	1.29	3.42	3.63	3.491
October.....	7.61	3.20	6.18	4.07	5.62	4.92	4.10	5.61	3.13	1.45	4.583
November.....	2.37	1.35	4.91	2.05	3.07	3.74	4.30	5.95	2.09	.89	3.072
December.....	3.65	3.17	6.24	1.18	4.44	3.42	6.13	4.12	2.85	2.24	3.744
TOTALS	33.39	35.70	48.28	36.32	41.49	38.86	40.92	41.37	34.44	33.34	38.431

1874 The gauge is firmly fastened to a post which is fixed in the ground in a level open place at a distance of about 60 yards from trees on the E side no trees near on the W, NW, or S sides. It remained in the same position from 1866 to Dec. 1878. Gauge moved 1/2 mile at end of 1878
 Tuam church 2 miles S.E.

RAINFALL AT Tuam Gardenfield

70

Lat.

Lon.

County of

Galway

Snowdon New Rain Gauge, by Casella

Observer

St. Kiernan Esq.

Corrib - 3.

Diameter . . .									5	-	
Height . . .									6	-	
Altitude . . .									160	.	
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .									# 4.05	4.21	
February . . .									1.85	3.55	
March									1.50	3.20	
April									2.14	2.02	
May									3.77	2.26	
June									6.43	4.55	
July									1.44	3.49	
August									3.84	5.06	
September . . .									4.15	4.58	
October									3.36	1.60	
November . . .									2.45	.90	
December . . .									2.98	2.95	
TOTALS . . .									37.96	38.37	

1879 Wall 9 ft 26 yds E. 1877 Gauge at a new
do 7 " 18 " S. house 1/4 mile distant
Trees 40 " 100 " N. from the old one
do 50 " 75 " W.
do 40 " 300 " E.
do 60-105 " 180 " S.
House 30-40 " 70 " NE.

Tuam church 2 miles S.E.

S. Gort on boundary

70

RAINFALL AT Gort Cregg Park

Lat..... Lon..... County of Galway

Rain Gauge, by..... Observer R. J. Lattey Esq.

Shannon, Rbank - 5.

Diameter .....	. 5											
Height	3											
Altitude	130.											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.82	3.60	5.64	7.06	3.26	5.22	2.27	5.60	3.72	3.45	4.364	
February.....	2.97	2.81	3.61	1.64	2.37	.90	4.26	2.87	1.19	5.52	2.814	
March.....	1.22	3.02	1.85	2.95	2.15	1.08	5.25	2.89	1.66	2.26	2.433	
April.....	1.81	4.98	1.60	2.16	2.76	1.41	3.52	3.44	2.10	2.50	2.628	
May	3.79	.86	3.24	2.41	1.59	2.27	.77	2.89	3.18	2.10	2.310	
June.....	.98	3.97	4.43	2.23	2.16	4.35	1.96	2.95	7.05	5.48	3.556	
July	1.33	4.95	2.31	5.14	3.72	2.47	2.20	2.75	1.54	2.84	2.925	
August.....	1.99	2.14	3.39	5.40	6.79	3.52	4.15	4.88	5.38	5.28	4.292	
September.....	3.02	1.39	3.56	3.21	6.48	6.90	4.88	2.54	3.46	5.79	4.123	
October.....	6.09	3.48	4.48	5.32	6.45	4.39	3.49	6.33	3.91	1.75	4.569	
November.....	.89	1.46	4.18	1.94	3.66	3.10	4.40	7.18	1.68	.77	2.926	
December.....	2.10	4.18	5.88	1.28	4.95	3.23	5.51	4.10	1.74	2.44	3.541	
TOTALS	30.01	36.04	44.17	40.74	46.34	38.84	42.66	48.42	36.61	40.18	40.481	

RAINFALL AT *Ballinasloe Garbally Gardens*

Lat. Lon. County of *Galway*
Rain Gauge, by Observer *W. J. Cobban*

Shannon, R. bank - 5.

Diameter.											8	
Height.											9	
Altitude.											157	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.										#	2.98	
February.											3.97	
March.											2.84	
April.											2.13	
May.											1.76	
June.											4.84	
July.											4.92	
August.											4.97	
September.											4.66	
October.											1.48	
November. ....											.65	
December.											2.49	
TOTALS											37.69	

Ballinasloe Church 1 1/2 miles S.E

2 E Woodlawn

RAINFALL AT *Ballinacloe Kilconnell*

70

Lat. _____ Lon. _____ County of *Galway*
Rain Gauge, by _____ Observer *Rev H. S. Muriel*

Shannon, R. bank - 5.

Diameter						5					
Height						1 -		2.6			
Altitude						320					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>6.09</i>	<i>2.07</i>	<i>5.45</i>	<i>3.96</i>	<i>3.36</i>	
February						<i>.78</i>	<i>4.94</i>	<i>3.05</i>	<i>1.93</i>	<i>3.46</i>	
March						<i>.91</i>	<i>4.63</i>	<i>2.38</i>	<i>1.76</i>	<i>2.50</i>	
April						<i>1.34</i>	<i>3.02</i>	<i>2.84</i>	<i>1.96</i>	<i>2.13</i>	
May						<i>3.15</i>	<i>.74</i>	<i>3.19</i>	<i>3.79</i>	<i>1.88</i>	
June						<i>4.87</i>	<i>1.69</i>	<i>3.74</i>	<i>6.44</i>	<i>5.69</i>	
July						<i>2.28</i>	<i>2.53</i>	<i>2.83</i>	<i>1.91</i>	<i>3.31</i>	
August						<i>2.41</i>	<i>4.66</i>	<i>5.08</i>	<i>3.99</i>	<i>4.12</i>	
September . .						<i>5.52</i>	<i>5.16</i>	<i>3.24</i>	<i>4.47</i>	<i>4.62</i>	
October						<i>3.79</i>	<i>4.03</i>	<i>5.16</i>	<i>4.49</i>	<i>1.74</i>	
November . .						<i>3.66</i>	<i>3.00</i>	<i>6.40</i>	<i>1.77</i>	<i>.71</i>	
December . .						<i>3.20</i>	<i>5.97</i>	<i>4.70</i>	<i>1.65</i>	<i>3.08</i>	
TOTALS . .						<i>(38.00)</i>	<i>42.44</i>	<i>48.06</i>	<i>38.12</i>	<i>36.60</i>	

1877 Gooseberry bushes 4 ft high & distant about 10 ft to N.

Kilconnell church 300 yds N.

RAINFALL AT *Ballinasloe*

Lat.....

Lon.....

County of.....

Galway

Rain Gauge, by.....

Observer.....

*J. Kempster Esq.**Shannon, R. bank - 5.*

Diameter	5											
Height	6											
Altitude	150											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	[#] 3.94	4.10	5.12	4.60	3.43	5.71	1.77	5.12	3.61	3.14	4.354	
February.....	3.22	3.53	3.09	1.07	1.77	.90	3.81	2.89	1.77	3.09	2.514	
March.....	2.06	2.11	2.34	3.31	2.83	1.02	3.68	2.23	1.60	2.63	2.381	
April.....	1.74	3.04	1.91	2.54	2.55	1.48	2.48	3.25	1.73	1.90	2.262	
May.....	2.95	1.44	2.33	2.34	2.18	2.54	.67	3.45	4.38	1.76	2.404	
June.....	.68	3.21	4.12	2.98	1.95	3.80	1.54	3.75	5.17	4.74	3.194	
July.....	1.52	5.29	1.84	5.60	3.35	2.19	1.57	2.58	1.14	3.71	2.879	
August.....	1.76	2.51	4.79	5.53	5.15	2.30	4.33	4.82	4.78	4.36	4.033	
September.....	2.73	1.66	4.11	3.91	4.98	5.54	5.23	3.53	3.37	4.50	3.956	
October.....	8.68	4.18	4.86	3.93	5.61	3.86	4.33	4.08	3.31	1.47	4.431	
November.....	1.67	1.67	5.83	2.04	3.51	3.43	3.07	6.37	1.78	.66	3.003	
December.....	3.52	3.04	5.33	1.24	4.17	3.04	5.35	4.39	1.71	3.02	3.481	
TOTALS	34.47	35.78	45.67	42.09	41.48	35.81	37.83	46.46	34.35	34.98	38.892	

1879 Wall 6 ft high 10 ft N.E.

Greenhouse 6 ft " 14 " S.E.

Ballinasloe 450 yds S.E.

RAINFALL AT Ahascragh Clonbrock

1 mile w 70

Lat.....

Lon.....

County of.....

Galway

Rain Gauge, by.....

Observer...

Lord Clonbrock

Shannon, Rbank - 5.

Diameter.....					10						
Height.....					5.9			4.6		5.6	
Altitude.....					200						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					# 3.61	6.25	2.62	6.25	4.84	3.50	
February.....					1.98	.91	5.75	3.21	1.46	3.84	
March.....					2.72	1.24	5.11	2.25	2.64	2.89	
April.....					1.32	1.69	3.17	3.62	2.10	2.94	
May.....					2.27	2.88	.87	3.13	5.09	1.91	
June.....					1.28	5.57	1.71	5.06	7.01	6.44	
July.....					4.69	2.68	2.01	2.86	1.03	5.40	
August.....					5.66	2.30	4.01	6.60	5.90	5.09	
September.....					7.77	5.62	5.47	3.55	3.38	6.09	
October.....					6.35	3.77	4.51	6.08	4.10	2.81	
November.....					3.90	4.07	4.07	6.42	1.96	.92	
December.....					4.70	3.99	6.13	5.55	1.71	2.67	
TOTALS.....					46.25	40.97	45.43	54.58	41.22	44.50	

1879 Apple Tree 12 ft high 87° N.

Ahascrag church 3 miles E

(4 N E)

70

(Roscommon)?
RAINFALL AT *Holywell*

Lat..... Lon..... County of... *Roscommon*.....

..... Rain Gauge, by..... Observer *W Smythe Esq.*.....

Shannon Bank - 14.

Diameter .....	.5										
Height	5										
Altitude	—										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.28	2.90	5.31	3.09	2.70	3.50	2.10	5.40	3.90		
February.....	2.74	3.62	2.27	1.18	1.10	1.78	4.70	2.40	1.80		
March.....	1.58	2.15	2.66	2.99	3.00	.80	2.70	2.00	1.40		
April.....	7.46	3.22	.56	.99	1.54	.45	1.80	3.10	2.50		
May.....	1.68	1.34	2.57	2.10	2.25	2.20	1.60	1.50	4.50		
June.....	1.81	4.27	3.48	1.69	1.79	3.15	1.50	3.10	4.30		
July.....	2.12	5.49	1.75	5.00	2.60	1.75	3.00	3.50	2.50		
August.....	2.48	2.48	4.02	2.99	3.00	3.25	5.20	4.05	4.00		
September.....	3.32	1.95	5.11	2.62	3.72	5.15	3.40	3.85	4.08		
October.....	5.92	2.21	5.68	4.90	2.57	4.85	4.70	4.30	3.78		
November.....	1.93	1.92	4.33	1.20	3.87	5.68	4.50	2.60	2.20		
December.....	2.90	1.99	5.22	1.00	3.40	3.65	6.70	5.00	2.50		
TOTALS	31.22	33.62	42.96	29.75	31.54	36.21	41.90	40.80	37.46		

*1879 No reply
2 miles N. of Roscommon?*

RAINFALL AT Buminadden Doo Castle

Lat..... Lon..... County of..... *Sligo Mayo*

Rain Gauge, by..... Observer *M^r D. O'Dowd*

Sligo Bay - 1.

Diameter .....	.5										
Height	1										
Altitude	-										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.31	4.57	6.44	5.07	3.67	5.05	2.53	6.91	5.13		
February.....	4.12	3.86	3.60	1.02	1.93		5.58	3.79	2.14		
March.....	2.23	3.06	4.70	2.83	2.93		4.98	3.09	2.04		
April.....	1.72	4.18	1.16	1.29	3.63		3.58	1.10	3.50		
May	3.30	1.42	2.43	2.45	1.72		.64	2.64	4.22		
June.....	1.53	3.65	3.96	1.39	2.49		1.68	2.60	6.01		
July	1.66	5.64	2.15	4.23	2.67		2.23	3.84	2.21		
August.....	.86	2.41	4.28	5.35	3.95		4.73	3.59	5.35		
September.....	3.59	2.21	6.96	2.42	4.24		3.89	1.60	4.36		
October.....	9.92	3.67	6.33	4.81	6.06		4.48	4.84	4.20		
November.....	2.56	2.57	5.82	1.86	3.36		4.14	5.34	3.76		
December.....	3.41	3.60	5.03	1.63	4.45		6.01	4.17	3.04	#	
TOTALS	38.21	40.84	52.86	34.29	41.10		44.47	43.51	45.96		

C C C

RAINFALL AT Grossmolina, Emiseo

70

Lat.....

Lon.....

County of.....

Mayo

Rain Gauge, by.....

Observer...

Joe Pratt

May 1870 - 2.

Diameter.....					5							
Height					-11							
Altitude.....												
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....					5.18	6.63	4.91	9.89	6.89	4.46	3.79	6
February.....					2.96	1.33	7.02	5.11	2.79	4.74	2.39	5
March.....					4.84	2.03	7.15	4.11	2.69	3.51	2.43	3
April.....					5.26	3.05	3.84	1.81	2.99	2.47	1.94	2
May					2.97	3.41	.72	1.71	4.76	2.78	1.63	5
June.....					2.29	3.64	3.32	2.23	6.05	6.79	2.43	2
July					3.89	3.10	1.96	3.33	1.20	5.67	1.91	5
August.....					4.60	3.37	4.08	4.32	5.99	6.81	2.91	7
September.....					7.39	4.72	4.63	2.04	4.92	4.59	2.82	9
October.....					6.37	4.96	4.58	7.91	6.18	2.93	3.29	3
November.....				#	3.58	3.75	4.36	5.52	10.33	4.46	2.21	30
December.....					2.77	5.65	6.10	7.19	6.83	5.15	4.35	3.52
TOTALS					55.15	46.70	54.92	59.62	54.07	57.31	32.17	7

RAINFALL AT Bangor Glenurk Lodge

70

Lat.

Lon.

County of Mayo

Rain Gauge, by

Observer A Muirhead Esq.

Blacksod Bay - 3.

Diameter...						5					
Height ...											
Altitude ...											
Year ...	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January ...						# 5.73	5.37				
February. .						1.89	6.37				
March						1.82	7.13				
April						2.12	4.20				
May						4.11	2.11				
June						4.64	4.99				
July						3.29	2.14				
August ...						2.12	4.69	#			
September .						4.81					
October ...						5.39					
November ..						5.11					
December ..						4.24					
TOTALS ..						4527					

RAINFALL AT *Nestport Oldhead House*

70

Lat. _____ Lon. _____ County of *Mays*

Flemming's Rain Gauge, by _____ Observer _____

Cler Bay - 4.

Diameter								3			
Height								2.6		1.7	
Altitude								100			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								# 8.93	7.00	2.65	
February. ..								4.75	2.55	6.05	
March								4.13	4.70	2.50	
April								2.20	.80	1.35	
May								3.24	3.20	2.10	
June								3.47	7.60	4.30	
July								3.32	1.55	5.32	
August								5.07	6.10	4.30	
September ..								2.30	6.80	8.30	
October								8.50	5.00	3.25	
November ..								8.90	3.20	1.55	
December ..								5.10	3.30	4.20	
TOTALS ..								59.91	51.80	45.87	

1879 no trees or buildings near the gauge

RAINFALL AT *Nestport Belclare*

70

Lat.....

Lon.....

County of *Mayo*

Rain Gauge, by.....

Observer *Captain Buckle R.N.*

Clew Bay - H.

Diameter			8								
Height			1								
Altitude			50 ?								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			8.49								
February			6.17								
March			3.53								
April.....		#2.63	1.53								
May		1.23	1.30								
June.....		4.35	3.80								
July		6.54	2.78								
August.....		3.16	3.75								
September.....		3.09	5.23								
October.....		4.48	7.40								
November.....		3.49	5.92								
December.....		8.10	7.43								
TOTALS			57.33								

G moved from Clifdrin in Galway

RAINFALL AT *Newport Rossbeg*

Lat. *53° 48' N*

Lon. *9° 33' W*

County of *Mayo*

Rain Gauge, by

Observer *W. H. Deane C.E.*

Clew Bay - 4.

Diameter						5					
Height						1. -					
Altitude						25					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						4.78	3.35				
February. . .						77	5.34				
March						1.75	5.22				
April						1.72	2.59				
May						2.39	54				
June						3.64	2.55				
July						2.78	2.35				
August						3.18	3.92				
September . .						6.32	4.16				
October						4.76	4.74				
November . .						3.18	5.66				
December . .						4.28	7.02	#			
TOTALS . .						39.55	47.44				

RAINFALL at Granmore, Ballinrobe.

County of Mayo Observer Henry H. B. Know

River Basin Corrib - 6.

Rain Gauge, by _____

Diameter ...								5			
Height								1	0		
Altitude ...								111			
Year ...	¹⁸⁷⁰ 1910	⁷¹ 1911	⁷² 1912	⁷³ 1913	⁷⁴ 1914	⁷⁵ 1915	⁷⁶ 1916	⁷⁷ 1917	⁷⁸ 1918	⁷⁹ 1919	MEANS.
											<i>Total</i>
January ...						5.50	3.50	10.50	4.47	5.04	29.01
February ...						.50	5.00	3.91	2.63	4.18	16.22
March						1.50	4.10	2.71	2.21	4.09	14.61
April						1.30	2.50	4.71	2.80	2.65	13.96
May						3.20	.20	3.94	3.96	2.35	13.65
June						3.00	2.00	2.65	6.67	6.44	20.76
July						1.00	1.50	3.15	1.26	3.45	10.36
August						3.20	4.30	3.10	4.98	6.71	22.29
September...						4.00	4.50	2.22	3.25	4.47	18.44
October ...						3.50	5.00	6.05	4.09	1.85	20.49
November ..						3.40	4.50	8.20	2.09	.99	19.18
December...						3.60	7.80	6.31	3.01	4.63	25.35
TOTALS ...						(33.70)	(44.90)	57.45	41.42	46.85	(224.32)

1917-9 used 11.19 entered 11.19.

1875-76 Cloona Castle - used for purpose of monthly averages. V. 1920.

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.40	9.15						

RAINFALL AT *Ballinrobe Creagh*

70

Lat.

Lon.

County of *Mayo*

Rain Gauge, by

Observer *Wm. Knox*

Corrib - 6.

Diameter												
Height												
Altitude												
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January									5.29	4.62		
February. ..									1.68	4.95		
March									3.16	4.74		
April									3.20	2.52		
May									4.03	2.14		
June									6.63	7.02		
July									1.37	3.32		
August									3.82	5.94		
September ..									4.10	4.97		
October									4.04	1.90		
November ..									2.89	.90		
December ..									3.10	4.22		
TOTALS ..									59.79	43.31	47.24	

1877 + 1880 - 1909 rec'd 11.23 ent'd 11.25.

RAINFALL AT Hollymount Cloona Castle

Lat..... Lon..... County of Mayo.....

Rain Gauge, by..... Observer J. Simson Esq.....

Corr - 6.

Diameter			4		3						
Height			1		2	1	-	2			
Altitude			100		80	100		120			
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			8.00	11.00	5.10	5.50	3.50	9.20	4.00	4.50	
February			4.50	.80	3.10	.50	5.00	2.60	2.00	3.50	
March			2.00	3.00	2.50	1.50	4.10	2.40	2.50	4.00	
April.....			2.00	1.20	4.80	1.30	2.50	3.80	1.20	1.00	
May			1.00	2.60	1.00	3.20	.20	2.00	4.00	2.00	
June.....			3.50	1.40	2.20	3.00	2.00	2.30	5.00	4.80	
July			2.00	5.60	2.60	1.00	1.50	2.10	3.20	2.50	
August.....			3.00	6.00	3.90	3.20	4.30	3.50	3.00	4.70	
September.....			5.60	4.90	5.10	4.00	4.50	1.20	3.20	4.20	
October.....			7.40	3.80	8.50	3.50	5.00	5.30	3.80	1.60	
November.....			6.10	2.30	2.00	3.40	4.50	7.20	2.50	.90	
December.....			7.50	1.60	6.00	3.60	7.80	5.70	3.20	3.80	
TOTALS			52.60	44.20	46.80	33.70	44.90	47.30	37.60	37.50	

(1919 Backyear) Cloona Castle, 3 m. from Cranmore

RAINFALL AT *Collooney Markree Observatory*

Lat.

Lon.

County of *Sligo*

Rain Gauge, by Observer

Sligo Bay - 2.

Diameter .....	.5											
Height .....	.6				$\frac{3}{16}$		5			6		
Altitude	129			130	110							
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.20 3.45	4.56	(5.90)	5.80	4.62	5.39	2.10	(4.00)	5.95	1.40	4.30	
February	(8.75)	3.41	(3.82)	1.10	(2.40)	1.33	5.52	(5.10)	1.79	2.40	2.915	
March	2.10	3.13	(3.00)	3.11	(2.50)	1.70	5.10	4.10	2.90	2.85	2.97	
April.....	2.02	3.37	1.89	1.31	(3.80)	1.02	2.81	1.40	2.10	1.60	2.07	
May	3.59	1.02	2.39	2.20	(1.80)	2.53	.49	2.60	4.70	3.25	2.30	
June.....	1.58	3.98	4.74	1.53	(1.60)	4.13	1.60	3.45	5.45	4.10	3.27	
July	1.44	7.10 (10.75)	3.36	5.10	(3.65)	3.26	1.90	3.85	1.30	5.20	3.54	
August.....	2.23	3.65	4.01	6.07	(4.25)	3.74	3.84	5.25	4.25	5.70	4.27	
September.....	3.02	1.98	9.00	2.31	(5.90)	4.15	3.13	1.95	4.85	6.20	4.30	
October.....	9.40	2.67	6.31	4.98	(5.53)	4.21	4.29	5.40	6.10	(3.05)	5.67	
November.....	2.45	2.12	5.41	1.91	4.04	4.78	3.53	5.80	4.15	(1.40)	3.70	
December.....	3.36	(2.50)	5.67	1.31	5.41	2.43	6.66	4.70	2.25	(2.55)	3.77	
TOTALS	(37.92)	(39.49)	(55.50)	36.67	(45.50)	38.67	40.97	50.60	45.72	39.71	43.075	

Monthly amounts computed from 2nd 5' and Shannon 9.25-75

Figures in pencil computed from gauge at 16' 7"

Ten yrs monthly distribution computed from

Sligo and Shannon

1877-1879

much estimated

from 2nd

2.28 95

RAINFALL AT Collooney Markree

Lat.....

Lon.....

County of.....

Sligo

Rain Gauge, by.....

Observer

Colt. Cooper

Sligo Bay - 2.

Diameter.....	2					2	6	2	1	2	7	
Height.....	16	3				16	7					
Altitude.....	145					148						
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.78	3.98	(3.40)	5.31	4.30	3.40	1.67	5.97	5.12	1.06		
February.....	3.01	2.60	(2.26)	.90	(2.12)	1.16	5.22	4.35	1.44	1.86		
March.....	1.86	3.06	(1.70)	2.95	(2.12)	1.54	5.26	3.49	2.50	2.20		
April.....	1.74	3.03	1.48	1.07	(3.41)	.98	2.84	1.18	1.80	1.25		
May.....	2.91	1.00	2.37	1.90	(1.70)	2.51	.77	2.21	4.04	2.52		
June.....	1.45	3.79	4.37	1.48	(1.27)	3.68	1.57	2.94	4.69	3.17		
July.....	1.23	5.77	3.21	4.72	3.16	3.16	1.92	3.26	1.14	4.10		
August.....	2.10	2.95	3.97	5.62	3.66	3.10	3.93	4.52	3.64	4.41		
September.....	2.72	1.75	8.69	2.00	(5.13)	3.62	3.25	1.65	4.18	4.79		
October.....	0.39	2.52	6.17	4.65	(4.70)	3.72	3.70	4.58	5.25	2.37		
November.....	2.14	2.00	5.27	1.58	3.39	4.12	3.00	4.92	3.55	1.08		
December.....	2.61	(2.10)	5.11	1.28	4.34	2.03	5.49	3.98	1.92	2.04		
TOTALS.....	32.94	34.79	(48.00)	33.40	(39.30)	33.02	38.62	43.05	39.27	30.85	37.324	

1871 No obs. in Dec. owing to illness of observer.

1879 Observer states that these figures are correct and the return sent to the Met. Office is wrong.

RAINFALL AT Sligo Mount Shannon

Lat..... Lon..... County of Sligo
Rain Gauge, by..... Observer J. M. Delphorts Esq

Sligo Bay - 2.

Diameter .....	.9											
Height	4.5											
Altitude	70											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.32	4.11	5.91	6.16	4.35	3.97	2.00	5.97	4.85	1.60	4.224	
February.....	2.26	3.34	3.83	79	2.40	1.52	5.36	4.98	1.50	2.65	2.863	
March.....	3.30	3.21	3.01	2.53	2.45	1.79	5.21	2.95	2.63	2.10	2.918	
April.....	7.75	3.51	2.08	1.49	3.46	.81	2.79	1.53	1.98	.95	2.029	
May	2.86	1.06	2.29	2.37	1.78	2.65	.90	2.07	3.65	2.91	2.254	
June.....	2.22	2.71	6.15	1.60	1.58	3.89	1.21	4.75	4.70	3.31	3.212	
July	1.86	6.53	1.81	3.82	3.80	2.96	1.52	4.27	1.88	6.36	3.481	
August.....	3.05	2.66	3.79	7.02	4.89	3.77	4.15	4.75	2.86	4.99	4.193	
September.....	4.07	1.55	7.17	2.38	5.81	3.40	4.32	1.51	5.52	6.52	4.225	
October.....	10.12	3.21	6.97	7.03	4.95	4.99	4.48	5.17	5.27	3.52	5.571	
November.....	3.25	3.26	5.33	2.29	4.26	4.17	3.49	5.57	3.54	1.17	3.633	
December.....	4.15	3.35	5.49	1.16	5.83	1.58	5.42	4.45	3.61	1.93	3.697	
TOTALS	42.21	38.50	53.83	38.58	45.56	35.50	40.85	47.97	41.99	38.01	42.300	

Calry church 1½ miles S.

1879 House about 40ft high 20ft W.

RAINFALL AT *Sligo Ballinful Ardarmoon Cottage*

Lat.

Lon.

County of *Sligo*

Rain Gauge, by

Observer *C. J. Henry Esq*

Sligo Bay - 2

Diameter						5					
Height						1	1	3	3		
Altitude								100			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>#</i> 2.93	1.24	5.61	4.33	2.33	
February. ..						1.06	4.47	3.92	1.70	1.91	
March						1.23	3.80	2.00	1.67	1.73	
April						1.01	2.55	1.58	1.74	.61	
May						2.17	.52	1.51	2.78	2.32	
June						2.94	1.35	2.08	3.87	2.63	
July						3.49	1.11	3.78	2.23	4.71	
August						2.68	2.11	4.42	1.86	2.57	
September ..						3.24	3.36	1.63	2.95	4.83	
October						4.44	1.44	2.23	3.73	2.86	
November ..						3.56	1.00	5.15	2.59	.97	
December ..						2.09	2.49	4.01	1.91	1.80	
TOTALS ..						30.84	25.44	37.92	31.36	29.27	

1879 Trees 25 or 30 ft high 57 ft W.

Ballinful 2 miles N.E.

RAINFALL AT *Drumkeeran Spencer Harbour Colliers*

Lat.

Lon.

County of *Leitrim*

Rain Gauge, by

Observer *Messrs H. Fawcett & Co*

Shannon, R. bank - 4.

Diameter						5					
Height						1	-				
Altitude						1000?					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						(7.10)	4.98	9.48	7.17	3.35	
February						#2.17	7.04	4.91	2.99	2.36	
March						2.03	6.21	2.85	2.65	4.29	
April						1.52	4.40	2.10	1.79	2.51	
May						4.70	.93	2.36	3.98	4.55	
June						7.40	2.59	4.31	6.62	5.30	
July						2.66	2.31	3.98	1.51	10.49	
August						6.32	6.02	4.41	3.36	8.99	
September ..						5.77	5.63	1.41	5.45	13.47	
October						5.60	4.75	9.12	7.19	4.55	
November ..						6.67	3.29	8.62	1.67	1.85	
December ..						4.86	4.82	5.90	2.48	3.75	
TOTALS ..						(56.80)	52.97	59.45	46.86	65.46	

Gauge about 2 miles from L. Allen

RAINFALL AT *Drumkeeran Spencer Harbour*

Lat.

Lon.

County of *Leitrim*

Rain Gauge, by

Observer *Messrs H. Fawcett & Co*

Shannon, Rbank - 4.

Diameter						5					
Height							1				
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>5.90</i>	<i>3.87</i>	<i>9.06</i>	<i>5.78</i>	<i>2.42</i>	
February						<i>2.06</i>	<i>7.12</i>	<i>4.39</i>	<i>2.77</i>	<i>3.37</i>	
March						<i>2.04</i>	<i>5.52</i>	<i>2.98</i>	<i>2.80</i>	<i>2.69</i>	
April						<i>1.11</i>	<i>4.51</i>	<i>1.99</i>	<i>2.63</i>	<i>1.63</i>	
May						<i>4.35</i>	<i>.65</i>	<i>2.72</i>	<i>3.92</i>	<i>3.61</i>	
June						<i>6.17</i>	<i>2.85</i>	<i>3.91</i>	<i>4.52</i>	<i>5.50</i>	
July						<i>2.43</i>	<i>2.41</i>	<i>2.97</i>	<i>1.49</i>	<i>7.05</i>	
August						<i>4.62</i>	<i>5.56</i>	<i>4.41</i>	<i>2.76</i>	<i>6.30</i>	
September ..						<i>5.25</i>	<i>5.36</i>	<i>4.63</i>	<i>4.08</i>	<i>7.68</i>	
October						<i>5.04</i>	<i>5.28</i>	<i>8.93</i>	<i>5.65</i>	<i>3.92</i>	
November ..						<i>5.32</i>	<i>2.97</i>	<i>6.93</i>	<i>2.32</i>	<i>1.08</i>	
December ..						<i>3.71</i>	<i>7.85</i>	<i>5.62</i>	<i>2.88</i>	<i>3.69</i>	
TOTALS ..						<i>(48.00)</i>	<i>53.95</i>	<i>58.54</i>	<i>41.60</i>	<i>48.94</i>	

Gauge within 50 yards of L. Allen and about 6 ft above water level.

RAINFALL AT Carrick on Shannon (Drumma

SESE bend

70

Lat.

Lon.

County of Leitrim

Rain Gauge, by

Observer J. B. Pratt C. 9.

Shannon, L. bank - 5.

Diameter...						5					
Height ...						1	2				
Altitude ...						170					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						#	5.43	2.24	7.09		
February. ...							1.51	4.56			
March .....							.90	4.54			
April							1.50	2.69			
May							3.63	.00			
June							4.34	.77			
July							1.69	1.59			
August							4.21	3.99			
September ..							4.49	4.85			
October							5.09	5.37			
November ..							(4.81)	4.85			
December ..							3.14	7.11			
TOTALS ..							(40.74)	42.56			

1877 N.R.

RAINFALL AT *Mohill*

70

Lat.

Lon.

County of *Leitrim*

Rain Gauge, by

Observer *H. Ross Esq*

Shannon, L. bank - S.

Diameter....									5		
Height									4.7		
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							2.27	7.44	5.03	2.99	
February....							5.55	3.23	1.42	2.35	
March.....							3.65	2.36	2.49	2.29	
April							2.50	2.08	1.20	2.09	
May .....							.92	2.32	3.70	3.48	
June							1.55	3.42	5.05	4.71	
July.....							2.33	2.57	1.18	5.81	
August							3.34	3.41	3.53	3.11	
September ..							2.88	2.95	4.53	5.01	
October							4.65	4.80	2.93	2.32	
November ..							3.65	5.31	1.73	.58	
December ..							6.41	5.53	1.69	.32	
TOTALS ..							39.70	45.42	34.48	35.06	

1877 House 9ft high 12ft 9in from gauge

Mohill church 40 paces S.E.

700

County of _____

Leipzig

Observer.

E. M. Dobson

Shannon, L. bank - 5.

[illegible]

RAINFALL AT Carrick on Shannon

70

Lat.

Lon.

County of Leitrim

Rain Gauge, by

Observer R. Bradshaw M.D.

Shannon L. bank - 5.

Diameter . . .						5					
Height . . .						1 -					
Altitude . . .											
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						# 4.53	2.19	6.68	5.93	2.92	
February . . .						1.38	5.52	2.65	1.47	2.46	
March . . . . .						.82	4.13	2.86	2.36	2.89	
April						1.22	2.63	2.28	2.39	1.40	
May						2.82	.61	2.85	4.47	3.14	
June						5.04	1.83	2.92	4.55	5.51	
July						1.96	1.24	2.01	1.98	5.59	
August						3.71	3.70	2.97	4.10	3.47	
September . .						4.73	6.45	2.97	3.54	6.31	
October						3.93	4.38	4.56	2.76	1.94	
November . .						4.30	3.61	4.87	1.37	.91	
December . .						1.96	5.76	4.20	1.65	2.87	
TOTALS . .						36.42	42.05	41.82	36.57	39.41	

1879 Hedge 5ft high 48 yds W.

Carrick-on-Shannon church 1 furlong S.W.

RAINFALL AT Carrick on Shannon

70

Lat.

Lon.

County of Leitrim

Rain Gauge, by

Observer H. Fawcett Esq

Shannon, L. bank - 5.

J. Cox, Agent.

Diameter						5					
Height							9			1	
Altitude						150				160	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						(3.99)	2.26	7.11	4.34	2.68	
February ..						1.42	5.63	2.96	1.07	2.50	
March .....						.79	4.09	2.90	1.68	1.94	
April						1.15	2.54	1.89	1.94	2.32	
May						2.37	.47	2.71	4.33	2.40	
June						4.36	1.49	2.85	4.14	6.43	
July						1.81	1.26	2.08	1.30	4.87	
August						3.48	3.58	3.10	2.84	3.48	
September ..						4.04	4.23	2.37	3.50	5.29	
October						3.05	4.05	4.44	2.98	1.87	
November ..						3.61	3.77	3.44	1.82	.86	
December ..						2.33	5.70	3.86	1.64	1.93	
TOTALS ..						(32.40)	39.07	39.71	31.58	36.57	

Gauge close to the Shannon and about 6 ft above its mean level.

Kilishira 500 yds N.

RAINFALL AT *Killeshandra, Drummany*

70

Lat.....

Lon.....

County of *Cavan*

Rain Gauge, by.....

Observer *H. M. A. Jones Esq.*

Stne - 1.

Diameter.....					100						
Height.....				32.3	32.6						
Altitude.....				292	292 ^π						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					3.31	5.13	2.91	5.83	4.39	2.86	
February.....					1.39	1.03	3.57	2.96	1.55	3.35	
March.....					1.50	.64	2.95	2.15	2.70	3.53	
April.....					2.16	.60	1.39	1.60	1.25	1.19	
May.....					1.33	1.90	.36	2.34	3.85	3.95	
June.....					2.76	3.04	1.17	3.11	3.25	5.18	
July.....					2.39	1.66	1.79	1.34	.69	4.88	
August.....					3.40	1.68	2.48	5.84	4.80	4.03	
September.....				#	3.37	4.98	2.54	2.36	4.46	5.07	4.25
October.....					3.72	5.17	6.50	2.57	7.94	2.26	2.75
November.....					2.11	7.68	3.18	4.45	8.23	1.59	.88
December.....					.97	3.92	5.07	6.79	5.15	2.63	2.46
TOTALS.....					39.99	32.97	32.79	50.95	34.03	39.31	

1879 Trees about the level of gauge 200ft N.W.

Killeshandra 3600 yds E.N.E.

RAINFALL AT *Killeshandra Drummany*

70

Lat.

Lon.

County of *Carri*

Rain Gauge, by

Observer *H. M. Anketell Jones*

Form - 1.

Diameter						<input type="checkbox"/> 10					
Height						0.0					
Altitude						184					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						5.67					
February						2.11					
March						1.03					
April						1.15					
May						2.37					
June						3.00					
July						2.04					
August						2.34					
September . .						3.17					
October						6.53					
November . .						4.33					
December . .						6.01					
TOTALS . .						39.77					

RAINFALL AT *Belturbet Red Hills*

Lat.

Lon.

County of

Cavan

Rain Gauge, by

Observer

*Rev^d E. Whyte Vindables**Zone - 1.*

Diameter .....	. 5	.	9				5	.	.		
Height .....	. 9	.	7				9	.	.		
Altitude	—	208.0					208	.	.		
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.19	4.33	5.67	5.29	2.38	5.07	1.71	6.45	3.61	2.16	4.086
February.....	2.51	3.36	3.16	.80	1.63	1.53	4.50	3.23	2.21	2.31	2.524
March	1.54	2.83	2.31	2.45	2.09	.98	3.22	2.70	2.10	2.98	2.320
April.....	1.16	3.31	2.30	1.41	2.56	.52	2.08	1.85	1.83	1.54	1.856
May	2.91	.92	1.94	1.74	1.38	2.49	.98	2.44	3.90	3.35	2.205
June.....	1.22	2.09	4.04	1.42	1.28	3.58	1.70	3.97	5.51	5.38	3.019
July	1.65	7.82	1.50	3.73	2.42	2.64	2.03	3.97	2.06	5.24	3.306
August.....	1.24	2.46	3.25	5.62	4.48	3.29	3.33	4.46	4.09	3.61	3.583
September.....	3.35	2.03	5.50	3.20	3.30	4.21	3.49	2.58	3.93	4.60	3.619
October.....	7.60	2.59	4.37	2.77	4.43	5.22	3.88	4.46	2.95	2.08	4.035
November.....	1.86	1.78	3.73	2.55	3.01	4.57	3.31	4.45	1.49	1.09	2.734
December.....	3.22	2.52	5.30	1.13	3.19	2.55	6.73	4.15	1.82	2.23	3.284
TOTALS	32.45	36.04	43.07	31.61	32.15	36.65	36.96	44.71	35.50	36.57	36.571

C C C

RAINFALL AT Carrick on Shannon Down

on end of L. canal

70

Lat.

Lon.

County of

~~Leitrim~~ Cavan.

Rain Gauge, by

Observer

H. Howe Esq.

Shannon, R. bank - 2.

Diameter . . .									5		
Height . . .										1	
Altitude . . .										225	
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .								7.82	5.52	1.78	
February . . .								5.39	1.74	2.82	
March								3.74	3.11	2.47	
April								2.00	1.60	1.77	
May								2.90	3.30	2.89	
June								3.56	3.74	5.04	
July								2.95	1.46	5.76	
August								4.08	4.00	4.07	
September . . .								2.09	3.98	5.43	
October								6.33	5.38	3.04	
November . . .								6.01	2.44	1.53	
December . . .								5.29	2.82	2.36	
TOTALS . . .								52.16	39.09	38.96	

1879 Stone Walls 8ft high 60yd from gauge

RAINFALL AT Enniskillen Florence Court

70

Lat.....

Lon.....

County of Fermanagh.....

Rain Gauge, by.....

Observer... Earl of Enniskillen

Line - 1.

Diameter...../ □											
Height.....//			2.6								
Altitude.....300			250								
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.86	4.49	9.17		2.19						
February.....	5.38	4.75	4.50		2.81						
March.....	1.44	3.93	3.62		1.43						
April.....	2.01	4.56	1.56	1.15							
May.....	3.62	1.17	3.40	1.26							
June.....	1.13	1.91	5.17	1.55							
July.....	2.7	8.22	1.74	4.72							
August.....	1.38	3.37	6.51	7.66							
September.....	3.74	2.19	6.63	2.95							
October.....	12.15	3.57	5.11		7.24						
November.....	2.64	4.24	5.90	1.67	4.65						
December.....	4.33	3.89	7.69	1.25	4.60						
TOTALS.....	42.95	46.29	61.00								

1874 The amounts for the first 3 months were registered with the gauge on the top of the Court House but it did not work well so was removed & placed on the ground where it works well & the last three months were registered by it in that position.

000145

RAINFALL AT *Enniskillen Florence Court*

Lat..... Lon..... County of *Fermanagh*

Rain Gauge, by..... Observer *The Earl of Enniskillen*

Stone - 1.

Diameter.....				<i>.8</i>							
Height				<i>1.11</i>							
Altitude.....				<i>2.50</i>							
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				<i>9.92</i>	<i>4.06</i>	<i>8.76</i>	<i>4.42</i>	<i>11.03</i>	<i>5.47</i>	<i>5.02</i>	
February.....				<i>9.5</i>	<i>3.05</i>	<i>1.77</i>	<i>7.17</i>	<i>4.27</i>	<i>3.17</i>	<i>3.64</i>	
March.....				<i>2.02</i>	<i>3.18</i>	<i>1.89</i>	<i>6.35</i>	<i>2.16</i>	<i>2.20</i>	<i>2.43</i>	
April.....				<i>1.12</i>	<i>4.22</i>	<i>.67</i>	<i>3.65</i>	<i>2.70</i>	<i>3.63</i>	<i>3.24</i>	
May				<i>1.32</i>	<i>1.91</i>	<i>3.47</i>	<i>.65</i>	<i>2.94</i>	<i>5.45</i>	<i>2.83</i>	
June.....				<i>1.39</i>	<i>.77</i>	<i>4.16</i>	<i>1.96</i>	<i>3.97</i>	<i>4.26</i>	<i>6.71</i>	
July				<i>4.43</i>	<i>1.46</i>	<i>1.72</i>	<i>1.43</i>	<i>3.53</i>	<i>1.20</i>	<i>5.46</i>	
August.....				<i>7.20</i>	<i>3.35</i>	<i>4.06</i>	<i>4.99</i>	<i>7.12</i>	<i>5.85</i>	<i>4.78</i>	
September.....				<i>3.03</i>	<i>6.71</i>	<i>7.55</i>	<i>6.08</i>	<i>3.37</i>	<i>4.40</i>	<i>6.70</i>	
October.....				<i>3.91</i>	<i>7.20</i>	<i>7.14</i>	<i>6.20</i>	<i>6.93</i>	<i>6.52</i>	<i>2.70</i>	
November.....				<i>2.61</i>	<i>4.57</i>	<i>4.58</i>	<i>5.69</i>	<i>11.29</i>	<i>2.57</i>	<i>1.19</i>	
December.....				<i>2.36</i>	<i>4.58</i>	<i>4.70</i>	<i>10.01</i>	<i>6.25</i>	<i>2.01</i>	<i>4.19</i>	
TOTALS.....	<i>42.95</i>	<i>46.29</i>	<i>61.00</i>	<i>40.26</i>	<i>45.06</i>	<i>50.47</i>	<i>58.60</i>	<i>65.56</i>	<i>46.73</i>	<i>48.89</i>	<i>(50.58)</i>

old gauge

Trees & bushes at some distance from the gauge

1879 Dwarf spruce 10ft high 10yd S.

Oak tree 40ft " 45 " W.

1879 Shrubs 24ft 10 " 50 " N.

Killashen church 1 mile W.

1870, 71 + 72 = old gauge

RAINFALL AT *Enniskillen Lisbellaw*

70

Lat.

Lon.

County of *Fermanagh*

Rain Gauge, by

Observer *P. Eadie Esq**Line - 1.*

Diameter						5					
Height						1					
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>#</i> 4.48	2.43	6.45	3.57	2.26	
February						1.26	4.24	3.22	1.49	1.91	
March						1.40	4.89	2.61	1.96	1.85	
April .....						.40	2.74	1.79	1.68	2.00	
May						2.75	.76	2.61	3.58	4.23	
June						3.84	1.95	2.56	3.93	5.22	
July						2.47	1.69	3.92	.53	5.85	
August						3.27	3.35	3.83	4.46	3.74	
September ..						4.89	5.43	1.90	4.09	5.31	
October						5.47	4.35	4.55	4.54	2.29	
November ..						3.54	3.01	5.63	1.88	1.15	
December ..						2.25	6.74	3.57	2.06	2.03	
TOTALS ..						36.02	41.58	42.64	33.77	37.84	

77 Hedge 4ft high 15ft distant N.E

1879 New gauge fixed 150 yards distant on
the opposite side of a valley.

1879 House 25ft high 50ft S.W.

Hedge 4 " " 12 " N.W.

Lisbellaw church $\frac{1}{4}$ mile N.

RAINFALL AT

bolebrooke Park

Lat. $54^{\circ} 21' N.$ Lon. $7^{\circ} 22' W.$ County of Fermanagh

Rain Gauge, by

Observer

Diameter.											
Height.											
Altitude.											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.										3.07	
February.										2.50	
March.										2.22	
April.										1.69	
May.										2.50	
June.										5.79	
July.										5.63	
August.										5.29	
September.										6.49	
October.										2.40	
November.										1.23	
December.										2.82	
TOTALS.										42.63	✓

1879 from Mr Bracey's record.

RAINFALL AT *Irvinestown Eglington Lodge*

70

Lat.

Lon.

County of *Fermanagh*

Rain Gauge, by

Observer *D^r A. Irvine**Line - 1.*

Diameter											
Height											
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						[#] (4.89)					
February						1.53					
March						1.59					
April . . . . .						.78					
May						3.61					
June						3.02					
July						2.74					
August						4.50					
September . .						3.79					
October						5.72					
November . .						4.49					
December . .						2.34 [#]					
TOTALS . .						(39.00)					

RAINFALL at Belleek (Heronshaw).

County of Fermanagh. Observer L. J. C. Beacom

River Basin 1 - Erne.

Type of Gauge.

Annual Average in. based on years obs. un-weighted. Period of average. Ref.

Diameter											
Height											
Altitude											
Year	1881	1882	1883	1884	1885	1886	1887	1888	1879 1889	1880 1940	Means
January										316	
February										396	
March										265	
April									214	467	
May									372	205	
June									504	451	
July									600	555	
August									445	155	
September									854	347	
October									428	163	
November									150	615	
December									295	569	
TOTALS										4504	

(April 1879 - 1902)
Back years received 9.1.37.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series } No. of Map. Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL AT *Rockcory*

70

Lat.

Lon.

County of *Monaghan*

Rain Gauge, by

Observer *Mr. W. R. Loundon*

Line - 1.

Diameter....							5	.		.	
Height						1	-	.		.	
Altitude						290		.		.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>#</i> 4.99	1.65	6.47	3.90	2.18	
February. ...						1.54	4.48	3.11	2.03	1.83	
March						1.23	3.87	2.74	1.67	2.27	
April .....						.34	2.18	2.25	1.60	1.19	
May						2.13	.59	2.58	4.50	2.87	
June						4.00	1.41	3.32	6.80	5.78	
July						2.60	2.00	3.55	.92	5.32	
August						3.71	3.42	2.76	3.82	3.36	
September ..						4.64	4.15	2.00	4.29	5.01	
October						5.83	3.67	4.34	3.00	2.11	
November ..						5.03	2.81	4.84	1.31	1.11	
December ..						2.27	7.31	3.76	1.68	2.28	
TOTALS ..						38.31	37.54	41.72	35.52	35.31	

RAINFALL AT *Monaghan District Asylum*

70

Lat.

Lon.

County of *Monaghan*

Rain Gauge, by

Observer *J. C. Robertson F.R.A.S.*

Bar. L. height W-3.

Diameter . . .											
Height . . .						<i>1. -</i>					
Altitude . . .						<i>263</i>					
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						<i>5.33</i>					
February . . .						<i>1.66</i>					
March						<i>1.22</i>					
April						<i>.43</i>					
May						<i>2.39</i>					
June						<i>3.24</i>					
July						<i>2.87</i>					
August						<i>4.44</i>					
September . .						<i>4.64</i>					
October						<i>5.41</i>					
November . .						<i>4.64</i>					
December . .						<i>2.72</i>					
TOTALS . .						<i>38.99</i>					

1876 N.O.

RAINFALL AT *Armagh Observatory*

Lat.....

Lon.....

County of.....

Armagh

Rain Gauge, by.....

Observer.....

*Rev^d Dr Robinson**Bann, L. Hugh - 5.*

Diameter	<input type="checkbox"/>										
Height	<i>1.5</i>		<i>1.7</i>								
Altitude	<i>208</i>		<i>207</i>								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>3.57</i> 2.11	<i>4.11</i> 3.43	<i>3.70</i> 3.48	<i>4.00</i> 4.00	<i>1.70</i> 1.70	<i>3.83</i> 3.83	<i>1.40</i> 1.40	<i>5.52</i> 5.52	<i>3.42</i> 3.42	<i>2.13</i> 2.13	<i>3.102</i>
February.....	<i>2.00</i> 1.79	<i>2.73</i> 2.73	<i>3.85</i> 3.85	<i>3.4</i> 3.4	<i>1.64</i> 1.64	<i>1.50</i> 1.50	<i>3.61</i> 3.61	<i>3.20</i> 3.20	<i>1.38</i> 1.38	<i>1.70</i> 1.70	<i>2.074</i>
March.....	<i>1.99</i> 1.62	<i>1.72</i> 1.96	<i>2.37</i> 2.37	<i>1.32</i> 1.32	<i>1.05</i> 1.05	<i>.93</i> .93	<i>3.19</i> 3.19	<i>2.74</i> 2.74	<i>1.75</i> 1.75	<i>1.98</i> 1.98	<i>1.689</i>
April.....	<i>1.17</i> 1.52	<i>3.21</i> 3.21	<i>3.20</i> 3.20	<i>.57</i> .57	<i>2.60</i> 2.60	<i>.14</i> .14	<i>1.49</i> 1.49	<i>3.07</i> 3.07	<i>1.25</i> 1.25	<i>2.39</i> 2.39	<i>1.844</i>
May.....	<i>2.32</i> 1.55	<i>.26</i> .26	<i>1.48</i> 1.48	<i>1.44</i> 1.44	<i>1.12</i> 1.12	<i>1.86</i> 1.86	<i>.42</i> .42	<i>2.14</i> 2.14	<i>4.05</i> 4.05	<i>3.47</i> 3.47	<i>1.679</i>
June.....	<i>1.44</i> 1.44	<i>1.00</i> 1.00	<i>3.39</i> 3.39	<i>1.35</i> 1.35	<i>.86</i> .86	<i>3.13</i> 3.13	<i>1.43</i> 1.43	<i>3.23</i> 3.23	<i>3.51</i> 3.51	<i>4.08</i> 4.08	<i>2.234</i>
July.....	<i>1.26</i> 1.26	<i>5.54</i> 5.54	<i>2.13</i> 2.13	<i>5.41</i> 5.41	<i>3.24</i> 3.24	<i>3.75</i> 3.75	<i>2.05</i> 2.05	<i>3.43</i> 3.43	<i>.17</i> .17	<i>5.43</i> 5.43	<i>3.241</i>
August.....	<i>1.65</i> 1.65	<i>2.15</i> 2.15	<i>2.03</i> 2.03	<i>5.01</i> 5.01	<i>3.78</i> 3.78	<i>3.66</i> 3.66	<i>2.22</i> 2.22	<i>2.77</i> 2.77	<i>2.72</i> 2.72	<i>3.05</i> 3.05	<i>2.904</i>
September.....	<i>2.86</i> 2.86	<i>3.79</i> 3.79	<i>3.81</i> 3.81	<i>1.87</i> 1.87	<i>3.25</i> 3.25	<i>4.94</i> 4.94	<i>2.36</i> 2.36	<i>1.66</i> 1.66	<i>4.10</i> 4.10	<i>3.72</i> 3.72	<i>3.236</i>
October.....	<i>7.62</i> 7.62	<i>2.70</i> 2.70	<i>4.60</i> 4.60	<i>2.60</i> 2.60	<i>3.56</i> 3.56	<i>4.82</i> 4.82	<i>3.22</i> 3.22	<i>3.24</i> 3.24	<i>2.93</i> 2.93	<i>1.45</i> 1.45	<i>3.674</i>
November.....	<i>1.49</i> 1.49	<i>1.58</i> 1.58	<i>3.95</i> 3.95	<i>2.09</i> 2.09	<i>3.09</i> 3.09	<i>3.82</i> 3.82	<i>2.51</i> 2.51	<i>3.67</i> 3.67	<i>1.65</i> 1.65	<i>1.40</i> 1.40	<i>2.525</i>
December.....	<i>2.38</i> 2.38	<i>1.05</i> 1.05	<i>5.37</i> 5.37	<i>.68</i> .68	<i>2.84</i> 2.84	<i>1.84</i> 1.84	<i>6.77</i> 6.77	<i>3.27</i> 3.27	<i>1.68</i> 1.68	<i>1.57</i> 1.57	<i>2.743</i>
TOTALS	<i>29.09</i> 22.29	<i>29.85</i> 28.40	<i>39.85</i> 39.66	<i>26.69</i> 26.68	<i>28.68</i> 28.73	<i>34.22</i> 34.22	<i>30.67</i> 30.67	<i>37.94</i> 37.94	<i>28.59</i> 28.59	<i>32.27</i> 32.27	<i>30.945</i>

amendments in red ink taken from monthly values received 11/52 - f E 14799/52.

S Newry level in average

000139

RAINFALL AT *Jonesborough Flurrybridge*

70

Lat.

Lon.

County of *Armagh*

Rain Gauge, by

Observer *Lord Clermont*

Dunkirk Bay - 1.

Diameter....							8				
Height							1				
Altitude							340				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							2.09	8.37	4.10	4.09	
February....							5.13	3.22	2.53	3.80	
March							3.70	3.47	1.34	1.63	
April							2.77	4.76	2.88	2.19	
May .....							.37	2.63	6.07	4.00	
June							2.32	4.01	3.16	4.72	
July							1.82	4.46	.76	7.60	
August							4.10	4.90	3.19	4.32	
September ..							4.91	2.72	4.00	6.06	
October							5.35	4.97	3.65	3.03	
November ..							5.27	5.19	1.41	1.35	
December ..							11.54	4.73	1.25	1.33	
TOTALS ..							49.37	53.43	34.34	44.12	

RAINFALL AT Newtownhamilton

Lat.

Lon.

County of Armagh

Rain Gauge, by

Observer W. W. Anderson M.D.Dundalk Bay - 1.

Diameter . . .						5					
Height . . .						2.3					
Altitude . . .						680					
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						# (4.83)	1.95				
February . .						2.00	5.05				
March						1.53	4.82				
April . . . . .						.54	2.80				
May						2.22	.75				
June						4.02	2.28				
July						3.47	2.02				
August						4.60	4.14				
September . .						5.53	5.10				
October						5.93	4.25				
November . . .						5.55	5.48				
December . . .						2.88	11.78				
TOTALS . . .						(43.10)	50.42				

1879 NR

RAINFALL AT Newry Edward St Station

70

Lat.

Lon.

County of Armagh

Rain Gauge, by

Observer

J. L. D. Marescaux

Carrington Lough - 2.

Diameter...							5				
Height ...							1				
Altitude ...							22				
Year ...	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January ...							1.80	7.89	3.31	3.67	
February. .							3.81	2.35	1.96	2.46	
March							3.73	3.87	1.23	1.85	
April							2.89	4.86	2.70	1.56	
May .....							.36	3.43	4.49	3.11	
June							2.68	2.93	2.34	5.81	
July							1.41	3.36	.79	4.89	
August ...							4.16	4.09	3.21	3.56	
September .							3.82	2.29	4.43	5.01	
October						#4.04	5.35	4.58	3.60	1.62	
November .						4.23	4.29	5.62	1.51	.91	
December .						2.78	10.45	4.49	1.27	2.18	
TOTALS ..							44.75	49.76	30.84	36.63	

Station building 20ft high 60ft from gauge

Fence 3'6" high 4'6" distant round the gauge

St Marys church Newry 900 yds S.S.E.

RAINFALL AT *Bambridge Bann Reservoir*

Lat.....

Lon.....

County of.....

Down

Rain Gauge, by.....

Observer.....

*J Smythe Esq. C.E.**Bann, upper - 7.*

Diameter .....	.8	.	.	.	.	.	.	.	.	.	.
Height	1	.	.	.	.	.	.	.	.	.	.
Altitude	440	.	.	.	.	.	.	.	.	.	.
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	5.90	4.50	7.20	6.20	2.10	7.10	2.30	11.90	2.20	2.70	5.210
February.....	8.40	6.50	9.00	.80	4.00	1.20	3.70	1.70	4.20	3.00	4.250
March.....	.90	2.10	3.00	4.40	.80	1.40	2.10	3.60	.40	2.20	2.090
April.....	.80	5.30	3.60	.30	3.00	.30	2.00	5.60	1.80	3.50	2.620
May	3.40	.50	1.50	1.20	.30	2.20	.20	3.80	6.90	1.60	2.160
June.....	7.50	1.80	3.30	1.90	.70	3.80	2.00	3.30	2.90	6.10	2.630
July .....	.90	3.30	3.10	4.20	2.00	3.20	.80	2.70	.40	5.90	2.650
August.....	1.60	2.40	3.30	3.90	3.90	2.80	3.40	4.20	2.60	4.70	3.280
September.....	2.80	5.70	4.00	1.90	4.80	5.60	5.80	1.90	4.80	7.20	4.450
October.....	14.70	5.00	5.40	1.60	6.30	6.20	8.90	3.80	4.10	.90	5.690
November.....	2.50	3.30	6.80	4.00	3.60	5.20	8.70	6.00	.90	.90	4.190
December.....	5.70	2.60	11.00	.80	4.00	2.40	13.00	5.60	.70	1.10	4.690
TOTALS	48.10	43.00	61.20	31.20	35.50	41.40	52.90	54.10	31.90	39.80	43.910

C C C

RAINFALL AT *Banbridge Katesbridge*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *A. Mullingar Esq**Bann upper - 7.*

Diameter ....						.5					
Height ....						.12					
Altitude						230					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						<i>#</i> 3.02	1.07	6.93	2.61	1.73	
February. ..						1.92	3.06	2.17	1.98	2.55	
March						1.19	2.38	3.50	1.13	2.05	
April .....						.25	2.08	4.01	.94	1.57	
May						1.20	.53	3.73	3.97	3.60	
June						3.29	2.01	1.93	2.05	2.42	
July						2.82	1.06	2.55	1.01	5.95	
August						2.41	3.09	3.59	1.45	4.51	
September ..						3.45	4.24	1.28	2.55	5.49	
October						5.14	4.42	2.64	2.63	.95	
November ..						3.31	3.89	3.17	1.23	1.19	
December ..						1.53	9.26	2.43	1.24	1.24	
TOTALS ..						29.53	37.09	37.93	22.79	33.25	

RAINFALL AT *Postrevor Quay*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *Meatⁿ Norton Shaw**Carlingford Lough - 1.*

Diameter....							8	.			
Height							1	2	.		
Altitude							18	.			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1.28	11.52			
February....							6.17	2.36			
March							2.48	5.27			
April							2.87	5.31			
May .....							.47	3.83			
June							2.42	3.20			
July							1.40	2.66			
August							3.80	3.73			
September ..							5.42	2.03			
October							4.78	3.98			
November ..							5.62	4.75			
December ..							12.69	3.25			
TOTALS ..							49.40	51.89			

RAINFALL AT *Warrenpoint Summerhill*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer

*W. B. M. Kernan**Carlingford Lough - 1.*

Diameter....						5					
Height						1 -					
Altitude						30					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						# 4.83	2.26	10.20	3.17	4.32	
February....						2.57	5.18	2.09	2.31	3.79	
March						1.94	3.43	3.91	1.16	1.96	
April .....						.52	2.67	4.41	2.67	2.35	
May						2.15	.42	3.56	5.87	4.40	
June						4.74	2.48	3.20	2.72	6.99	
July						3.20	1.31	4.02	.50	5.68	
August						3.62	4.19	3.73	3.16	4.05	
September ..						8.40	4.43	1.83	3.04	5.98	
October						7.86	6.10	4.13	2.75	1.47	
November ..						5.87	6.38	5.67	1.40	1.16	
December ..						3.05	12.99	5.11	1.30	2.29	
TOTALS ..						48.75	51.84	51.86	30.05	44.44	

*1879 Walls 4ft high 8ft S.W.**Warrenpoint church 200 yds S.*

RAINFALL AT Rathfriland

Lat.

Lon.

County of Down

Rain Gauge, by

Observer

Dr J May

Carlingford Lough - 1.

Diameter											
Height											
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						[#] (5.58)	1.75	(6.96)	2.69	3.71	
February						2.23	3.14	3.69	1.37	2.34	
March						1.38	2.18	3.41	1.42	2.16	
April .....						.18	3.09	5.42	1.72	1.53	
May						1.67	1.10	3.67	3.59	2.62	
June						4.52	2.17	2.55	2.46	4.82	
July						3.51	1.40	4.80	.87	5.66	
August						2.64	3.57	3.33	2.81	4.14	
September ..						6.38	5.13	1.82	4.36	5.11	
October						6.28	5.74	2.50	2.85	1.47	
November ..						5.13	3.04	5.29	1.78	.79	
December ..						2.10	10.19	2.49	.90	1.88	
TOTALS ..						(41.60)	42.50	(45.93)	26.82	36.23	

1877 Jan amount computed

1879 Houses 20 ft high 40 ft N.

Rathfriland church $\frac{1}{4}$ mile S.E.

RAINFALL AT *Filkeel*

70

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *Rev E. O'B. Pratt**Dundrum Bay - 2.*

Diameter								5	.		
Height								1.8	.		
Altitude								40	.		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1.21	7.24	3.85	2.63	
February. ...							3.44	2.34	2.29	3.95	
March							2.28	3.05	1.16	1.75	
April							2.42	3.84	2.00	2.29	
May .....							.40	3.37	4.37	3.02	
June						# 3.58	1.75	2.47	3.33	4.53	
July						3.32	1.76	2.78	.35	5.61	
August						4.02	3.31	3.09	2.70	3.40	
September ..						5.29	4.11	1.85	3.33	5.12	
October						5.74	5.01	3.17	2.09	1.23	
November ..						4.59	5.11	3.86	1.00	.83	
December ..						1.63	7.81	3.72	1.14	1.40	
TOTALS ..							38.61	40.78	27.61	35.76	

000130

RAINFALL AT

Anmalong

70

Lat.

Lon.

County of

Down

Rain Gauge, by

Observer

Rev^d A. Dudgeon

Gundam Bay - 2.

Diameter....											
Height								1.			
Altitude								15			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January											
February. . .											
March								# 3.92			
April								5.49			
May								4.07			
June								2.31			
July								2.94			
August								3.35			
September ..								1.79			
October								3.86			
November ..								4.84			
December ..								4.20			
TOTALS ..								36.77			

RAINFALL AT *Castlewellaan Foffany*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer

*M. P. McAlinden**Dundrum Bay - 2.*

Diameter											
Height						3 -					
Altitude						920					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						17.73	5.00	16.15			
February						1.93	7.50	2.60			
March						3.04	2.63	3.90			
April .....						.90	5.20	10.10			
May						4.25	.60	6.50			
June						6.25	3.90	4.15			
July						6.00	1.74	6.00			
August						5.86	7.82	5.50			
September ..						11.60	8.72	3.75			
October						12.25	9.15	7.00			
November ..						9.30	11.37	10.00			
December ..						4.75	19.05	8.50			
TOTALS ..						83.86	82.68	84.15			

RAINFALL AT Newcastle Post-Office Newry

Lat.....

Lon..... County of DownRain Gauge, by..... Observer... E. P. CoulterSundrum Bay - 2.
~~Culivod Bay - 1.~~

Diameter.....						5					
Height.....											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						12.13					
February.....						2.16					
March.....						1.45					
April.....						.62					
May.....						2.50					
June.....						4.99					
July.....						3.81					
August.....						3.06					
September.....						8.99					
October.....						7.90					
November.....					#	5.03	8.96				
December.....						5.80	3.66	#			
TOTALS.....						60.23					

RAINFALL AT *Newry Newcastle*

70

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *Rev J. H. Seymour**Dundrum Bay 2.*

Diameter....							5	.			
Height							1	-5	.		
Altitude								12	.		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							(2.69)	15.59	3.16	5.51	
February. ..							8.44	3.45	3.66	7.11	
March							5.02	2.83	1.85	3.67	
April							3.05	6.00	4.77	3.41	
May							22	5.47	7.98	3.15	
June							4.26	4.02	4.08	8.49	
July							1.57	5.20	1.04	6.40	
August							4.56	4.43	4.50	6.73	
September ..							7.47	3.80	6.05	8.15	
October							6.02	5.54	3.01	1.17	
November ..							11.11	9.88	2.07	.89	
December ..							14.30	7.09	2.96	3.53	
TOTALS ..							(68.71)	73.30	45.13	58.21	

Newcastle 1/2 mile S.W.

RAINFALL AT Castkewellan Woodlawn

Lat.

Lon.

County of Down

Rain Gauge, by

Observer J. Smyth Junr C.E.Oundrum Bay - 2.

Diameter						5	.				
Height						6	.				
Altitude						290	.				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						9.90	2.09	11.73			
February. ..						2.90	4.45	2.90			
March						1.56	3.26	2.97			
April .....						.32	2.29	7.12			
May						2.64	.45	4.22			
June						4.80	2.42	2.32			
July						4.32	1.10	4.03			
August						2.71	5.04	5.13			
September ..						7.22	5.70	3.15			
October						6.91	7.06	4.10			
November ..						6.16	7.70	6.16			
December ..						2.75	11.72	4.75			
TOTALS ..						52.19	53.28	58.58			

RAINFALL AT Hillsborough Anahilt

70

Lat. Lon. County of DownRain Gauge, by Observer M. A. ClementsStrangford Lough - 3.

Diameter						5					
Height						1	-				
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						# 3.59	1.49	6.58	3.12	2.12	
February						1.41	4.50	2.56	2.69	2.01	
March						1.04	2.71	3.65	1.51	2.59	
April .....						.13	1.39	5.31	1.65	2.22	
May						1.83	.44	3.73	5.52	3.66	
June						3.08	2.70	1.83	2.63	5.99	
July						4.17	2.26	4.43	.71	5.62	
August						3.17	3.36	4.00	2.30	4.67	
September ..						4.22	4.70	2.08	4.28	4.22	
October						5.94	4.97	3.13	3.57	1.16	
November ...						4.57	3.70	3.62	1.82	.91	
December ..						1.54	9.33	2.37	2.15	1.26	
TOTALS ..						34.69	41.55	43.29	31.95	36.43	

1879 Office House 10ft high 157ds N.Anahilt church 1 mile N.E.

RAINFALL AT *Downpatrick Seaforde*

Lat.....

Lon..... County of *Down*Rain Gauge, by..... Observer *Col. L. Jorde M.P.**Dundrum Bay & C - 2.*

Diameter.....	.8	.										
Height.....	.5	.										
Altitude.....	100.	.										
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.13	2.97	5.65	4.39	2.03	7.53	1.70	10.10	3.58	3.80	4.508	
February.....	4.84	4.15	5.26	1.62	1.90	1.48	4.21	2.44	2.49	3.62	3.201	
March.....	1.44	1.54	3.37	2.61	1.51	1.03	3.23	2.60	1.73	3.19	2.225	
April.....	7.83	4.81	2.75	.28	1.68	.51	2.02	5.85	3.15	2.67	2.455	
May.....	2.66	.50	2.12	2.18	.97	1.91	.45	3.91	5.81	3.55	2.406	
June.....	1.13	2.32	4.77	1.40	1.38	4.48	2.41	2.26	3.10	5.72	2.897	
July.....	1.80	3.01	4.40	3.78	2.42	4.27	1.20	4.04	2.10	6.08	3.318	
August.....	1.81	3.19	4.30	4.14	4.27	2.30	4.13	4.19	2.88	4.64	3.585	
September.....	3.12	4.53	4.62	2.77	2.46	6.24	6.42	2.46	5.45	5.34	4.341	
October.....	11.03	2.74	6.03	2.43	4.43	6.10	5.93	4.10	2.85	1.08	4.672	
November.....	2.26	2.32	6.39	3.28	5.32	6.22	7.22	5.70	1.28	1.02	4.101	
December.....	3.16	2.09	7.91	.68	3.83	2.34	11.34	3.99	2.47	1.76	3.957	
TOTALS.....	37.29	34.17	57.57	29.76	32.20	44.41	50.26	51.64	36.89	42.47	41.666	

RAINFALL AT

Kircubbin Tubber-na-Carrig

Lat.

Lon.

County of

Down

Rain Gauge, by

Observer

W. Browne Esq

Strangford Lough - 3.

Diameter.											5	
Height.											1	
Altitude.											50	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.											2.07	
February.											1.83	
March.											2.09	
April.											1.81	
May.											2.98	
June.											4.65	
July.											5.15	
August.											4.17	
September.											3.28	
October. ....											.70	
November. ....											.95	
December. ....											.94	
TOTALS											30.62	

1879 House 26 ft high

N.W.

Kircubbin 3 furlongs S.W.

RAINFALL AT *Newtownards Model School*Lat. Lon. County of *Down*Rain Gauge, by Observer *Mr Harrison**Strangford Lough - 3.*

Diameter . . .						5					
Height . . .						1	7				
Altitude . . .						10					
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						<i>#</i> 4.16	1.34	6.97	3.64	2.12	
February . .						.96	3.55	2.26	2.33	2.64	
March						1.02	2.47	2.18	1.10	2.25	
April . . . . .						.39	1.56	3.22	1.78	1.97	
May						1.84	.44	2.67	4.20	3.80	
June						3.32	2.69	1.63	2.25	6.32	
July						2.55	1.69	3.59	1.13	5.89	
August						1.90	3.08	2.74	2.39	4.22	
September . .						4.28	4.28	1.66	2.80	3.86	
October						5.19	5.03	3.63	3.42	1.10	
November . .						4.37	6.06	4.27	2.01	1.09	
December . .						2.16	7.58	2.66	2.17	1.20	
TOTALS . .						32.14	39.77	37.48	29.22	36.46	

1877 a

RAINFALL AT *Donaghadee*

70

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *The Met. Council**Coast Stream - 4.*

Diameter....											
Height ....								.8			
Altitude								1.6			
								15	30		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January				3.00	1.60	4.62	1.74	5.74	3.26	2.58	
February. ..				1.14	1.07	.93	3.27	2.73	2.13	2.31	
March				2.38	.88	1.86	2.08	1.99	1.27	2.01	
April .....				.21	.81	.33	2.00	3.38	1.67	1.85	
May				2.31	.76	1.79	.58	2.57	4.15	3.63	
June				1.12	.43	4.15	2.57	2.41	2.27	5.29	
July				2.95	2.08	2.60	1.35	3.42	1.81	5.87	
August				5.42	5.03	2.65	2.98	2.24	2.67	4.08	
September ..				1.78	2.60	4.99	4.92	1.40	2.34	3.59	
October				2.12	3.81	4.52	6.72	3.62	3.47	1.13	
November ..				1.48	5.13	4.42	3.62	3.73	2.77	.99	
December ..				.31	3.82	1.63	7.46	3.00	2.24	1.23	
TOTALS ..				24.22	28.02	33.49	38.69	36.23	30.05	34.56	

*

* 1875 + 1876 = Newtownards, used for purpose of average 27.11.11 c.

1873 - 76 from M^s Bracey's record.

RAINFALL AT *Lurgan, Naringstown*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *Capt. Waring**Belfast Lough - 5.*

Diameter	8											
Height	4											
Altitude	190											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.15	3.10	4.10	3.93	1.98	4.33	1.25	5.68	4.26	2.32	3.410	
February.....	2.15	2.90	3.07	74	2.20	1.49	3.83	2.64	1.81	1.68	2.251	
March.....	1.27	1.63	2.06	2.37	1.63	93	3.08	3.58	1.88	2.15	2.058	
April.....	1.62	2.76	3.05	45	1.41	56	1.97	3.76	1.68	1.65	1.891	
May.....	2.18	.48	2.61	1.84	.75	1.79	.36	3.21	3.91	3.96	2.109	
June.....	95	2.52	3.08	1.58	1.40	3.51	2.47	2.58	3.96	4.54	2.659	
July.....	1.87	5.07	3.11	5.32	2.46	4.29	1.91	4.92	.51	6.30	3.576	
August.....	1.65	2.47	4.30	5.11	4.72	2.63	3.17	3.29	3.52	3.59	3.445	
September.....	2.74	3.36	4.88	2.72	2.92	3.73	3.29	2.16	3.24	4.48	3.352	
October.....	6.81	2.28	4.51	2.49	3.66	3.93	4.65	3.00	3.47	1.32	3.612	
November.....	1.76	1.74	4.22	2.50	3.29	3.55	3.43	4.00	1.84	1.29	2.712	
December.....	2.42	1.97	5.75	78	3.24	1.61	7.03	3.25	1.89	1.64	2.958	
TOTALS	285 ⁷	3020	4474	2933	2966	3235	3644	4207	3197	3492	34033	

RAINFALL AT *Sydenham* [Belfast]

Lat.

Lon.

County of

Down

Rain Gauge, by

Observer

*Richard Meade Esq.**Belfast Rough - 5.*

Diameter .....	.5											
Height	1	1	1	1	1							
Altitude	60											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS	
January	3.98	3.02	5.48	4.96	2.58	5.58	1.81	9.06	4.44	3.34	4.04	2.5
February	3.62	3.52	5.30	1.54	3.26	1.20	5.01	3.11	3.10	2.70	3.23	6
March	1.43	1.78	2.27	2.78	1.83	1.66	3.22	4.52	1.28	2.91	2.36	8
April	1.57	3.81	3.29	.39	1.97	.34	2.04	4.87	1.55	2.25	2.20	8
May	2.90	.42	2.66	2.42	.99	1.92	.71	3.00	4.25	3.56	2.28	3
June	1.15	2.09	4.39	1.80	1.60	3.22	3.09	2.33	2.35	6.01	2.80	3
July	1.77	3.95	4.20	5.08	2.94	2.68	2.08	3.79	2.19	5.83	3.45	1
August	2.39	2.63	3.48	6.22	5.60	2.74	3.24	2.35	3.25	3.70	3.56	0
September	2.72	2.84	4.31	3.03	2.72	4.39	5.10	2.35	3.12	4.76	3.53	4
October	9.19	3.30	4.90	4.11	4.88	6.67	6.09	4.28	3.80	1.66	4.88	8
November	1.21	2.90	5.40	3.29	5.40	5.15	5.76	5.94	1.95	1.16	3.82	4
December	3.56	2.61	7.32	.92	4.71	2.39	1.34	3.82	2.32	1.69	4.06	8
TOTALS	35.49	32.95	53.00	36.54	38.48	37.94	49.49	49.42	33.60	39.57	40.64	8

*Shrubs 5ft high 21ft distant**St Marks church 1/4 mile S.W.*

RAINFALL AT *Hilltown Deers Meadow*

70

Lat. *54° 10' 36" N*Lon. *6° 3' 30"*County of *Down*

Rain Gauge, by

Observer

*J. Smyth junr.**Bann, upper - 7.*

Diameter....									8		
Height									1. -		
Altitude									1050		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									3.00		
February. ..									3.50		
March .....									.50 #		
April											
May											
June											
July											
August											
September ..											
October											
November ..											
December ..											
TOTALS ..											

Gauge moved as it was interfered with

4th Jan. 1877. "on Sunday last I moved the gauge from Topping to Deers meadow, a plateau of Boyland, elevation from 1000 - 1200 ft., surrounded by mountains 1600 - 1700 ft about 1 mile long and from $\frac{1}{2}$ - $\frac{3}{4}$ miles broad. (John Smith junr)"

RAINFALL AT *Hilltown*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *Mr. H. Hall**Burn, upper - 7.*

Diameter....						5					
Height						1 -		1.6		1 -	
Altitude						430					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						# 6.44	2.45	9.31	3.40	3.95	
February....						3.00	4.15	2.81	1.62	2.90	
March						2.23	3.35	4.56	1.79	1.88	
April .....						.35	3.05	6.12	1.55	1.90	
May						2.55	.66	4.06	6.36	3.78	
June						3.86	2.73	3.16	2.58	4.93	
July						4.15	1.51	4.78	.59	6.18	
August						3.25	4.40	3.81	2.87	5.57	
September ..						7.17	4.39	2.15	3.89	5.80	
October						7.15	6.38	3.90	3.48	1.31	
November ..						4.90	6.03	5.05	2.05	.83	
December ..						3.00	14.06	4.22	1.59	1.58	
TOTALS ..						48.05	58.16	53.93	31.77	40.61	

*Trees 3ft high 80ft E.**Cloudruff church 200 yds E.*

RAINFALL AT Lough Island Reservoir

70

Lat.

Lon.

County of Down

Rain Gauge, by

Observer Bann Reservoir Co.Bann, upper - 7.

Diameter....							10	□	.	.	
Height							3.	-	.	.	
Altitude							440		.	.	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							2.20	11.00	2.50	2.70*	
February....							3.70	1.60	4.00	3.00	
March.....							2.10	3.40	.40	2.20	
April							2.00	5.30	1.80	3.30	
May .....							.20	3.70	6.90	1.60	
June							2.00	3.20	2.80	5.90	
July.....							.80	2.70	.40	5.70	
August							3.20	4.20	2.60	4.70	
September ..							5.20	1.80	4.50	6.80	
October							8.40	3.60	3.90	.90	
November ..							8.10	5.60	.90	.90	
December ..							12.10	5.30	.70	1.10	
TOTALS ..							50.00	51.40	31.40	38.80	

RAINFALL AT *Castlewella Corbett Reservoir*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *J. Smyth Junr?**Bann, upper - 7.*

Diameter . . .											
Height . . .								<i>105</i>			
Altitude . . .								<i>3</i>			
								<i>234</i>			
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .								<i>5.70</i>	<i>2.60</i>	<i>1.70</i>	
February . . .								<i>1.70</i>	<i>2.10</i>	<i>.90</i>	
March								<i>2.40</i>	<i>.70</i>	<i>1.60</i>	
April								<i>3.60</i>	<i>1.50</i>	<i>1.40</i>	
May								<i>3.70</i>	<i>4.50</i>	<i>4.20</i>	
June								<i>2.20</i>	<i>2.80</i>	<i>5.60</i>	
July								<i>4.20</i>	<i>.30</i>	<i>6.10</i>	
August								<i>2.80</i>	<i>3.40</i>	<i>4.90</i>	
September . . .								<i>1.90</i>	<i>3.90</i>	<i>4.90</i>	
October								<i>3.20</i>	<i>2.80</i>	<i>1.20</i>	
November . . .								<i>3.50</i>	<i>1.30</i>	<i>2.20</i>	
December . . .								<i>2.60</i>	<i>.30</i>	<i>1.20</i>	
TOTALS . . .								<i>37.50</i>	<i>26.20</i>	<i>35.90</i>	

RAINFALL AT *Banbridge Milltown*

Lat.....

Lon.....

County of.....

Down

Rain Gauge, by.....

Observer

*J. Smyth Esq. C. E.**Bann, upper - 7.*

Diameter	18	'										
Height	8	'						8				
Altitude	200	'										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.01	3.11	4.09	3.96	1.74	3.91	1.09	5.94	3.07	2.28	3.220	
February.....	2.42	2.82	3.52	1.14	1.78	1.79	3.42	2.36	1.98	1.55	2.276	
March.....	1.07	1.43	2.39	2.31	1.34	.96	2.93	3.60	1.53	2.04	1.960	
April.....	1.11	2.89	4.17	.46	1.68	.38	2.09	3.15	1.39	1.71	1.903	
May	1.63	.77	2.65	1.94	.68	1.47	.46	3.45	3.76	3.81	2.062	
June.....	.97	1.76	3.61	1.48	1.12	3.32	1.98	2.36	3.05	3.90	2.355	
July	1.79	4.08	3.31	4.13	2.89	3.87	2.05	4.75	.40	6.14	3.341	
August.....	1.60	3.40	4.21	4.41	4.41	2.42	2.86	3.43	2.50	3.81	3.305	
September.....	2.49	3.63	4.37	2.68	2.95	4.65	3.43	2.06	3.27	4.40	3.393	
October.....	7.28	2.34	4.52	2.74	3.62	3.50	4.48	2.70	2.87	1.14	3.519	
November.....	1.80	1.60	4.20	1.80	3.25	3.34	3.49	3.28	1.49	1.27	2.552	
December.....	2.51	1.94	5.56	.65	3.04	1.71	7.66	2.78	1.52	1.27	2.864	
TOTALS	27.68	29.77	46.60	27.70	28.50	31.32	35.94	39.86	26.83	33.32	32.752	

RAINFALL AT *Banbridge Milltown*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *J. Smyth Esq. C.E.**Rain. upper - 7.*

Diameter	1											
Height	40											
Altitude	220											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.07	2.41	3.54	3.46	1.44	2.81	.80	4.50				
February.....	1.57	2.06	2.37	.58	1.07	1.65	3.00	6.20				
March.....	.89	1.08	2.06	1.90	1.15	.75	2.80	3.40				
April.....	.99	2.29	3.90	.40	1.39	.30	1.70	2.60				
May	1.29	.67	2.60	1.78	.62	1.21	.40	3.10				
June.....	.84	1.65	3.13	1.36	.96	3.07	1.00	2.00				
July	1.69	3.63	3.30	3.33	2.52	3.65	2.10	4.50				
August.....	1.53	3.21	3.86	3.35*	4.26	2.38	2.50	3.10				
September.....	2.25	3.45	4.17	2.50	2.61	4.36	3.20	1.80				
October.....	6.14	2.01	4.36	2.57	3.20	2.89	4.00	2.20				
November.....	1.59	1.31	3.56	1.62	2.65	2.78	2.90	2.70				
December.....	2.24	1.63	4.52	.54	2.52	1.37	6.20	2.00				
TOTALS	23.09	25.40	41.27	23.59	24.39	27.22	30.60	38.10				

1873 In the month of Aug. the long pipe of the f. choked with dirt and so f. overflowed and only 2.06 was registered so I have ~~taken~~ estimated the amount by taking the difference from the ground f. the same proportion as in July