

Markree Observatory

Sligo.

C. J. Cooper Esq

Ms. Rec. No. 190

Gauge. 2 ft 7 $\frac{1}{2}$ in □; level with top of wall = 16 ft + ground; 145 ft + s.l.
Sligo Bay - 2.

YEAR --	1833	1834	1835	1836	1837	1838	1839	MEANS.
January --	1.42	4.48	3.11	3.98	2.46	.90	3.61	
February -	5.59	4.08	6.07	1.97	4.31	1.23	3.71	
March - - -	1.23	1.92	2.77	3.94	2.08	3.02	2.85	
April - - - -	3.07	.36	1.09	2.22	3.90	3.37	2.23	
May - - - -	1.66	2.39	3.28	.24	2.23	.48	.91	
June - - - -	4.34	5.05	1.90	2.85	1.91	1.42	2.78	
July - - - -	2.50	4.37	2.91	4.73	2.77	3.23	2.03	
August - - -	1.34	2.55	3.05	1.64	3.45	3.77	3.25	
September -	5.71	2.99	4.80	4.96	4.39	2.28	5.50	
October - -	4.67	2.92	3.40	3.53	4.10	3.16	2.60	
November -	6.02	3.21	4.18	5.87	5.48	4.33	3.63	
December -	6.94	2.17	1.28	5.46	3.21	3.81	1.82	
TOTALS -	44.49	36.49	37.34	41.39	40.29	31.00	33.92	37.85 ^{7 yrs} mean

Markree Observatory

40

Sligo.

M. P. Rec. No. 190

Sligo Bay - 2.

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	4.50	2.37	2.86	3.63	2.77	4.35	4.24	2.79	3.06	3.62	3.399
February - -	2.41	1.38	2.49	.94	4.77	3.15	2.40	2.47	5.12	1.90	2.703
March - - -	.37	2.34	2.55	.94	2.51	1.39	4.07	.69	4.25	1.28	2.039
April - - -	.97	2.32	1.24	3.33	1.79	2.03	3.85	3.72	2.01	4.32	2.558
May - - -	2.61	1.73	3.71	2.57	.14	1.42	1.83	3.59	2.01	1.93	2.154
June - - -	2.38	2.41	2.87	2.21	3.78	3.67	1.77	1.69	3.77	.70	2.525
July - - -	3.26	3.88	2.51	4.66	3.68	4.13	3.01	1.63	3.42	3.92	3.410
August - -	3.92	4.36	1.62	3.76	3.45	2.49	4.79	2.97	4.48	3.81	3.565
September -	3.97	2.64	2.85	1.49	2.43	3.03	1.98	3.78	2.27	3.39	2.783
October - -	2.36	4.51	4.25	6.22	6.54	3.56	4.24	3.88	4.40	5.18	4.514
November -	2.35	3.23	3.60	3.97	1.35	5.31	2.82	4.43	3.37	4.84	3.527
December -	1.87	4.38	2.71	2.23	.42	5.84	2.56	5.52	3.06	2.74	3.133
TOTALS -	30.77	35.55	33.26	35.95	33.63	40.37	37.56	37.16	41.22	37.63	36.310

Markree Observatory

Sligo.

McDonald's Ms. Ref. No. 190

Sligo Bay - 2.

YEAR	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January	2.37	5.01	6.07	6.13	4.24	.60	3.72	4.05	2.27	4.23	3.869 +
February	4.28	2.89	4.32	1.51	2.22	1.17	2.19	2.10	2.12	2.26	2.506
March	1.75	3.07	.73	3.84	1.87	2.54	1.60	2.12	2.49	4.76	2.477
April	3.47	2.23	1.06	2.96	1.08	1.68	2.34	5.42	3.82	3.84	2.790
May	2.33	1.55	1.34	.68	4.09	2.28	3.46	.71	2.86	.54	1.982 —
June	2.72	4.80	5.47	2.43	2.96	2.95	3.45	4.54	2.18	2.06	3.356
July	2.59	3.02	3.34	4.30	3.15	4.07	2.22	1.95	2.97	4.36	3.197
August	4.67	5.70	5.20	2.55	1.80	3.93	2.85	2.15	2.80	3.57	3.522
September	2.34	1.96	2.15	2.20	2.75	1.42	.78	4.03	2.29	5.04	2.494
October	3.21	4.65	4.00	4.08	3.86	4.24	.72	2.81	3.61	2.58	3.376
November	4.39	3.34	4.66	3.04	3.87	1.10	2.12	2.54	1.03	3.12	2.921
December	3.00	2.06	7.38	1.35	5.70	3.46	2.66	3.13	5.61	4.23	3.858
TOTALS	37.12	40.26	45.72	35.07	37.57	29.44	28.11	35.55	34.05	40.59	36.348

Colloony
Markree Observatory 60
Sligo Seijo.

C J Cooper

2 ft + ground 16.3.

+ Sea Level 145 feet

Sligo Bay - 2.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --	5.01	2.56	4.64	4.14	1.86 (4.00)	5.20	3.52	5.71	4.37		
February --	2.83	1.88	.92	2.25	1.53 (3.50)	3.28	3.52	3.27	5.71		
March --	4.13	5.07	3.22	2.62	2.13 (4.70)	2.47	2.47	4.01	3.17		
April --	1.94	.44	3.01	2.57	1.76 (1.60)	1.50	4.42	1.32	2.11		
May --	5.20	1.62	2.58	2.44	.91 (2.20)	1.62	4.01	3.01	2.37		
June --	6.20	4.39	2.56	3.12	1.73 (1.00)	3.01	1.57	1.57	1.76		
July --	2.48	5.29	3.72	.23	1.13 (3.00)	2.36	5.53	1.23	1.93		
August --	6.07	6.08	2.86	4.53	1.03 (6.00)	6.00	3.30	4.69	1.30		
September --	1.38	6.42	2.57	4.71	2.11	.91	4.97	3.37	2.00	4.87	
October --	3.76	2.97	6.46	2.72	2.43	5.46	2.46	5.90	3.61	2.41	
November --	2.37	6.16	3.08	1.50	6.01	5.23	4.47	6.1	3.75	5.44	
December --	1.57	2.68	4.29	3.88	1.89	3.30	4.25	3.99	5.70	4.01	
TOTALS	43.74	47.16	39.91	34.71	24.52 (55.80)	41.79	42.21	40.67	39.45 (58.996)		

8 8 C C C C C C C C

(40.90)

27 & 28th Nov. /65 2 $\frac{1}{4}$ in fell in 24 hours the heaviest fall ever recorded at this Observatory

1863 Below the average of last 30 years

Jan., 1865 sent from
Hawthorn, where going in
out of garden. G. was
also clearing out of garden
in 1863-64 & probably earlier

2814131.

RAINFALL AT Collooney, Markree Observatory

Lat..... Lon..... County of Sligo

Rain Gauge, by..... Observer

Sligo Bay - 2.

Diameter	.5										
Height	.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 (1.00)	5.95	1.40	4.30		
February	(2.75)	3.41 (3.82)	1.10 (2.40)	1.33	5.52 (5.10)	1.72	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	3.39	1.02	2.39	2.20 (1.80)	2.03	1.49	2.60	4.70	3.25	2.30	
June	1.58	3.98	4.74	1.59 (1.60)	4.13	1.60	3.45	5.45	4.10	3.27	
July	1.44	(0.75) 7.10	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	5.84	5.25	4.25	5.70	4.27	
September	3.02	1.98	9.00	2.91 (5.90)	4.15	3.13	1.95	4.85	6.20	4.30	
October	9.48	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	1.81	5.41	2.43	6.66	4.70	2.25	2.55	3.77	
TOTALS	37.92	39.10	55.50	36.67 (45.50)	38.67	40.97	50.60	45.72	39.71	43.045	

C C C

Monthly amounts computed from 2nd & Mt. Shannon

Figures in pencil computed from gauge at 16' 7

Ten yrs monthly distribution computed from

Sligo Mt. Shannon

1877-1879
avg. calculated
from 2nd
2.28 of

RAINFALL AT Collooney Markeev

Lat.....

Lon..... County of Sligo.....

Rain Gauge, by.....

Observer Capt. 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	2.68 (2.26)	1.90 (2.12)	1.16	5.22	4.35	1.44	1.86			
March	1.86	3.06 (1.70)	2.93 (2.12)	1.54	5.26	3.49	2.50	2.20			
April	1.74	3.03	1.48	1.07 (3.41)	1.98	2.84	1.18	1.80	1.25		
May	2.91	1.00	2.37	1.90 (1.70)	2.51	1.77	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	2.08	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)	83.40 (37.50)	33.02	38.62	43.05	39.27	30.85	31.32		

C C C

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 Collooney Markree Observatory

Lat.

Long.

County of Sligo

Rain Gauge, by

Observer Mrs E. Callan

Sligo Bay - 2.

a. March

Diameter	5										
Height	0.6										
Altitude	110 T					130					
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.54	1.14	2.17	(5.75)	6.23	3.00	4.78	3.43	3.34	3.40	(3.478)
February	3.14	3.75	3.23	(5.25)	3.59	3.20	2.74	3.11	1.72	3.43	(3.316)
March	2.25	3.46	5.93	(1.50)	3.33	2.66	3.06	1.79	3.74	2.39	(3.001)
April	3.48	1.46	2.86	(1.75)	1.44	2.27	2.11	2.08	2.03	3.31	(2.279)
May	2.62	2.91	2.58	1.51	3.63	2.70	3.99	2.36	2.79	4.76	2.985
June	5.33	5.18	5.47	4.10	1.28	5.3	2.12	4.43	5.49	.89	3.682
July	6.25	1.82	4.24	5.32	4.43	3.90	3.33	3.48	4.68	2.51	3.996
August	1.79	4.29	4.75	3.05	2.94	1.78	3.08	3.54	4.30	5.96	3.548
September	2.88	4.45	3.70	4.15	3.71	5.95	4.47	5.34	1.85	3.18	3.968
October	7.23	4.45	3.80	5.40	4.95	5.70	5.44	2.47	2.95	6.15	4.103
November	5.78	4.44	7.00	4.12	4.43	2.31	4.14	4.34	3.32	2.54	4.242
December	3.90	4.04	2.25	3.00	5.36	2.62	6.68	4.67	4.87	4.98	4.237
TOTALS	39.68	40.39	47.98	44.90	34.10	(45.32)	36.52	45.94	37.04	41.08	43.50 (42.235)

Collooney Church 2 miles N.W.

Jan - Apr. 83 computed from Mount Shannon

Jan June 84 computed from 16' 7 gauge

1883 ? short

RAINFALL AT Collooney Observatory

Lat.

Lon.

County of Sligo

Rain Gauge, by

Observer Mr E Salter

Sligo Bay - 2.

a. March

Diameter	□ 31										
Height	16.7										
Altitude	148 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January.....	1.22	.83	1.55		5.44	2.56	4.74				
February.....	2.49	2.72	2.30		3.14	2.32	2.38				
March.....	1.78	2.57	1.23		2.91	2.26	2.54				
April.....	2.76	1.06	2.04		1.26	1.68	2.06				
May.....	2.08	2.11	1.84		3.17	2.52	3.60				
June.....	4.22	3.76	3.90		1.12	1.47	2.07				
July.....	4.95	1.32	3.02		4.24	3.14	2.87				
August.....	1.42	3.11	3.39		2.76	1.56	2.76				
September.....	2.28	3.23	2.64		3.48	5.30	3.86				
October.....	5.7	2.50	2.71		4.75	5.60	5.45				
November.....	4.58	3.22	4.09		3.84	2.08	3.92				
December.....	3.09	2.93	1.60		4.69	2.56	6.77				
TOTALS.....	31.44	29.30	34.21		40.80	32.32	43.01				

1880. Collooney

2 miles

W.

1883 Leak discovered in pipe believed to have existed for years.

1887 This gauge having shown repeated signs of leakage which rendered the record unreliable the record has been discontinued.

RAINFALL AT Collooney Markree Observatory

Lat. Lon. County of Sligo
Rain Gauge, by Observer A. Marth

Sligo Bay - 2.

Diameter					5					
Height					16.6					
Altitude					148 T					
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889
										MEANS.
January					4.61	2.41	4.10	2.51	2.54	2.54
February					2.83	2.23	2.29	2.18	1.65	2.87
March					2.50	2.78	2.48	1.69	3.49	2.05
April					1.23	1.58	1.94	1.86	1.83	3.04
May					2.82	2.50	3.57	2.32	2.35	4.27
June					1.09	4.6	2.07	.33	5.23	.68
July					4.15	3.57	2.87	3.11	4.66	2.34
August					2.76	1.58	2.61	2.96	3.84	5.62
September					3.36	5.17	3.65	5.27	1.74	2.90
October					4.46	5.28	4.95	2.05	2.34	5.50
November					3.57	1.94	3.63	3.90	2.68	2.22
December					4.02	2.33	6.07	3.96	3.71	4.03
TOTALS					37.40	31.23	40.23	32.14	36.06	38.06

RAINFALL AT Ballymoney Martree ObservatoryLat. _____ Len. _____ County of FingalRain Gauge, by Sligo Bay - 2. Observer A. March Eg
Mfr. E. Reynolds, (7. W. Henkel Eg)

Diameter	5											
Height	10											
Altitude	130 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.07	2.83	3.07	2.77	5.92	4.06	1.92	2.12	2.64	4.15	3.455	
February46	.27	2.32	4.08	5.67	.49	2.13	3.30	4.96	3.33	2.701	
March	2.55	2.53	.80	1.55	2.90	4.04	5.41	6.60	2.34	2.35	3.107	
April	1.86	1.92	1.52	1.58	4.12	2.54	2.31	3.40	3.13	4.54	2.692	
May	1.87	3.32	4.71	1.53	2.81	1.30	.96	2.51	4.35	2.57	2.543	
June	2.97	2.21	3.79	2.54	2.52	1.62	3.46	4.74	3.85	3.51	3.121	
July	3.77	2.44	2.66	2.51	5.87	5.03	4.69	3.67	1.45	2.01	3.410	
August	5.04	7.14	6.06	4.29	2.31	4.66	4.02	6.23	4.15	2.92	4.682	
September	3.65	2.62	4.93	3.61	.26	1.16	5.72	2.58	3.23	5.00	3.276	
October	4.18	5.22	4.42	4.01	3.43	5.14	4.90	2.56	2.55	2.39	3.880	
November	7.35	3.17	4.01	2.95	3.66	3.72	1.55	3.72	3.59	4.78	2.850	
December	2.52	4.95	3.54	4.78	4.86	4.66	5.20	4.65	4.14	6.18	4.548	
TOTALS	40.79	38.62	41.83	36.20	44.33	38.42	42.27	46.08	40.38	43.73	41.265	

1898 Ballymoney Church 1 3/4 miles N.W.

RAINFALL AT Collooney Martree Observatory

Lat.

Lon.

County of

Sligo

Rain Gauge, by

Observer

A. Martree Esq

J.W. Henkel Esq

Sligo Bay - 2.

Diameter	5										
Height	16.6										
Altitude	148 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.60	2.21	2.90	2.38	4.78	3.72	1.64	1.92	1.76	3.28	2.819
February44	.21	2.20	3.36	4.29	.45	1.70	2.34	4.41	2.84	2.224
March	2.20	2.18	.72	1.37	2.28	3.47	4.85	5.48	1.91	1.81	2.627
April	1.66	1.71	1.41	1.49	3.70	2.26	2.14	2.90	2.49	3.87	2.266
May	1.26	3.14	4.15	1.46	2.64	1.25	.89	2.11	4.18	2.51	2.059
June	2.55	2.01	3.58	2.47	2.38	1.54	3.32	4.26	3.51	3.35	2.897
July	3.36	2.35	2.38	2.32	5.67	4.77	4.41	3.33	1.36	1.88	2.183
August	4.76	1.47	5.79	3.81	2.14	4.84	3.56	5.34	3.36	2.88	4.245
September	3.16	2.16	4.59	3.43	.23	1.02	5.09	2.34	3.11	4.89	3.001
October	3.91	4.31	4.20	3.46	3.29	5.23	4.58	2.27	2.30	2.10	3.565
November	5.98	2.68	3.12	2.69	3.17	3.34	1.18	3.29	2.79	3.76	3.200
December	2.31	4.08	3.06	3.93	3.88	3.85	4.29	3.92	2.85	5.60	3.777
TOTALS	35.19	33.51	38.10	32.17	38.48	35.24	37.65	39.50	34.03	38.76	36.263

1898 Collooney Church 1 3/4 miles N.W.

RAINFALL AT Collooney Markee Observatory

Lat.

Lon.

County of

Sligo

Rain Gauge, by Basella

Observer, T.W. Henkel Esq

Sligo Bay - 2.

J.R. Armstrong Esq

Diameter ..	5										
Height ..	16.6										
Altitude ..	148 ft		164			143 ft					
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.08	3.19	3.04	4.74	3.44	2.68	4.46	2.72	3.47	4.18	3.600
February ..	3.10	1.84	1.65	3.62	2.96	3.47	3.42	2.67	4.09	2.05	2.887
March ..	.86	2.95	2.47	5.20	1.80	4.13	2.97	4.14	4.31	2.38	3.121
April ..	2.26	2.76	2.96	2.00	2.36	1.50	2.63	2.53	2.49	2.98	2.441
May ..	3.02	2.20	2.76	2.07	2.33	1.50	2.92	3.73	3.11	1.75	2.539
June ..	4.91	3.11	1.59	.58	1.70	1.57	2.09	4.93	2.93	1.97	2.538
July ..	1.36	1.67	2.34	4.78	4.19	1.35	1.75	2.66	1.96	2.92	2.498
August ..	4.42	3.92	2.20	7.05	5.54	5.10	4.22	3.62	3.19	2.26	4.152
September ..	2.13	4.04	2.90	4.21	2.52	2.07	1.17	1.42	6.41	3.52	3.069
October ..	5.08	4.45	2.55	6.21	2.15	3.09	4.00	4.50	.95	5.84	3.882
November ..	4.29	3.74	4.15	3.28	4.09	4.11	2.04	2.37	2.36	2.90	3.333
December ..	3.95	4.79	4.04	2.34	2.98	2.54	4.54	3.78	3.91	4.09	3.696
TOTALS ..	39.46	38.96	32.59	46.08	36.06	33.11	36.21	39.07	39.18	36.84	37.756

1900 Collooney Church 1/2 miles N.W. W (109)

1904 Observatory 16 1/2 ft high 40 ft

1908 Collooney Station 2 1/2 miles N.W. H (108)

Inspection note 12.5.09 says:- Second g. about 16 ft above ground on edge of roof near sunshine recorder.

RAINFALL AT Collooney Markree Observatory

Lat. Lon. County of Sligo

Rain Gauge, by Casella

Observer F.W. Henkel Esq

Sligo Bay - 2.

J.R. Armstrong Esq

Diameter ..	5										
Height	10										
Altitude ..	120 ft		148				127				
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.77	3.81	3.83	5.34	4.63	3.41	5.92	3.07	4.44	4.97	4.419
February ..	3.43	2.00	2.09	5.19	4.47	3.96	4.20	3.28	4.81	2.17	3.560
March ..	.96	2.65	3.04	6.84	2.46	5.34	3.72	4.82	5.33	2.63	3.879
April ..	2.97	3.38	2.90	2.27	3.49	1.96	3.01	3.12	2.92	3.70	2.972
May ..	3.75	2.43	3.13	2.31	2.64	1.53	3.59	4.24	3.62	2.08	2.932
June ..	5.24	3.58	1.85	.70	1.85	1.83	2.38	5.50	3.19	1.85	2.797
July ..	1.54	1.81	2.71	5.19	4.53	1.59	2.22	2.88	2.47	3.13	2.807
August ..	4.52	4.29	2.55	7.58	6.05	5.34	4.59	4.02	3.84	2.50	4.528
September ..	2.64	5.16	2.93	4.70	2.91	2.33	2.09	1.76	7.37	3.45	3.534
October ..	5.35	4.81	3.12	6.81	2.68	3.53	4.78	5.01	1.30	6.82	4.421
November ..	4.90	4.39	5.15	3.82	5.39	4.70	2.82	2.89	2.99	3.00	4.005
December ..	5.19	5.56	5.06	3.22	3.76	3.46	5.25	4.59	4.98	4.42	4.549
TOTALS ..	45.26	44.87	38.36	53.97	44.86	38.98	44.57	45.18	47.26	40.72	44.403

W M W M M M S D

1903 Collooney Church 1 3/4 Miles N.E. 5

Station 1 3/4 " NW

1907 Observatory 1691 high 30 " N

RAINFALL at Collooney气象 Observatory

County of Sligo

Observer J.R. Armstrong Esq.

River Basin Sligo Bay 2

Rain Gauge, by Casella

Diameter ...	5										
Height	10										
Altitude ...	127						130		122		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.18	2.53	3.03	6.88	2.25	5.69	3.71	3.03	4.57	5.31	
February ...	7.24	3.77	4.04	2.23	6.84	5.93	4.62	1.70	6.17	1.23	
March	3.75	2.31	5.79	5.05	5.38	1.06	1.95	3.62	1.62	4.07	
April	2.65	2.80	1.58	4.27	2.21	3.73	5.98	2.69	1.18	3.10	
May	3.89	1.75	2.11	4.25	2.57	1.48	4.89	3.17	2.06	4.01	
June.....	5.52	2.27	5.51	3.21	1.24	2.83	3.19	2.53	2.79	4.07	
July	5.94	4.14	3.79	1.63	4.18	5.47	2.86	3.20	3.31	1.99	
August.....	6.94	3.47	5.93	1.58	5.39	3.21	4.70	6.97	2.78	3.87	
September ..	1.27	2.23	1.31	3.03	2.57	2.11	2.55	3.59	8.24	3.95	
October ...	3.10	3.94	4.33	3.07	2.12	3.90	8.56	9.26	5.78	1.83	
November ..	5.22	5.82	4.94	5.26	5.66	3.70	7.48	8.60	4.62	4.81	
December ...	2.68	7.27	6.66	5.18	6.91	7.39	4.82	3.02	6.45	7.75	
TOTALS ...	53.38	42.30	49.05	45.64	47.32	46.50	55.31	51.38	49.57	45.62	48.587

1913 Observatory 16 ft high 30 yrs old

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	54°11'	8°27'W	S.L. & N.C.R.	1 1/4	NW.	St. Pauls	1 1/4	W.

RAINFALL at Collooney Markeas Observatory

County of Sligo

Observer J. R. Armstrong Esq.

River Basin Sligo Bay 2

Rain Gauge, by Casella

Diameter ...	5										
Height	16.6		16.6		16.6						
Altitude ...	143 ft				148	138					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.35	2.18	2.63	6.42	2.09	5.63	3.04	3.01	4.38	5.30	39.01
February ...	6.66	3.26	3.84	2.20	6.64	5.71	4.60	1.80	6.20	1.25	418.6
March	3.65	2.31	5.00	4.99	4.96	1.02	1.84	3.60	1.20	4.10	325.7
April	2.60	2.51	1.53	4.18	1.90	3.63	5.90	2.60	1.10	5.20	291.0
May	3.83	1.54	1.96	3.96	2.47	1.40	4.88	3.20	2.00	4.00	392.4
June	5.73	2.27	5.48	3.20	1.27	2.80	3.67	2.50	2.60	4.80	337.9
July	5.88	3.93	3.86	1.63	4.20	5.59	2.78	3.25	2.30	2.00	353.9
August	7.00	3.12	6.22	1.50	5.30	3.20	4.65	6.90	2.70	4.00	445.9
September ..	1.28	2.02	1.30	2.03	2.50	1.95	2.47	3.60	8.40	3.90	1.5
October ...	3.23	3.56	4.37	3.05	2.12	3.92	8.44	9.30	5.80	2.00	
November ...	5.11	4.50	4.55	5.26	5.60	3.42	7.40	8.60	4.60	4.25	
December ...	2.72	6.79	5.95	4.91	6.78	7.13	4.80	3.00	6.40	8.00	
TOTALS ...	52.04	37.99	46.69	44.18	45.83	45.40	54.44	50.96	47.66	46.20	471.39

f. built on Wall 1913

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	54.11	8.27	S L N C R. Collooney	1 $\frac{1}{4}$	NW.	St. Pauls	1 $\frac{1}{4}$	W.

RAINFALL at Collooney. Markree Observatory

County of Erie

Observer J.R. Armstrong Esq
Major for Capt Cooper.

River Basin Sijo Bay

O for Capt Cooper.

Rain Gauge, by Casella

D

Diameter ...	5		5'								
Height	1 0		1 0								
Altitude ...	122		122.								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January	6.30	4.96	5.25	5.15	5.68	4.90	6.05	8.96	7.48	1.57	4.25
February	3.17	1.94	6.08	5.03	2.86	4.49	3.20	2.70	3.93	3.15	.72
March	4.68	4.12	2.93	2.85	1.54	1.75	2.09	4.35	3.57	.51	3.09
April	3.53	1.77	4.29	3.05	4.75	4.27	2.65	1.89	1.78	1.32	2.13
May	3.99	3.12	1.49	2.76	5.83	5.82	4.20	2.02	1.32	2.71	2.18
June	2.36	49	3.03	2.30	4.55	.75	3.55	3.32	6.90	2.89	2.92
July	4.85	5.13	4.48	2.60	4.64	3.92	2.59	3.16	1.95	4.92	5.14
August	2.85	6.04	3.76	7.40	7.91	3.65	4.28	7.31	6.07	6.52	7.29
September	3.15	1.42	3.97	6.18	6.20	4.27	3.66	6.13	2.82	1.13	4.01
October	2.64	3.54	1.93	5.79	4.70	3.83	4.00	2.64	7.56	5.67	7.27
November	3.07	3.75	2.79	5.08	5.22	3.59	5.71	3.86	5.64	6.52	4.58
December	3.76	4.61	5.18	4.79	5.38	3.66	2.15	1.77	4.85	7.95	4.91
TOTALS...	46.38	40.89	45.18	52.98	59.26	44.10	44.13	48.11	54.87	44.86	48.49

1920. Observatory. 16³/4-lf 30yds. N.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series			No. of Map _____	Reference No. _____				
Date.	Lat. N.	Long. E	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	84° 11' N	80° 27'	Collooney.	1 1/4 mi	W	Collooney & Mullagh	1 1/4 mi	W

RAINFALL at Colloony, Marree Observatory

County of Sijo

Observer

River Basin Sijo Bay. 2.

Rain Gauge, by Cella

Diameter ...	5										
Height	12.6	15	16.6								
Altitude ...	107		138								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January	6.35	4.90	5.30								
February	3.10	2.02	6.22								
March	4.70	4.10	2.90								
April	3.50	1.76	4.35								
May	4.00	3.20	1.50								
June	5.30	.50	3.00								
July	4.80	5.05	4.55								
August	2.80	6.30	3.80								
September	3.15	1.40	4.05								
October	2.60	3.60	2.03								
November	3.10	3.70	2.60								
December	3.80	4.60	5.20								
TOTALS...	46.60	41.10	45.50	#							

1921 observation 16ft. high 30yds. N.

Position of Station on reduced Ordnance Survey } 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
1920	34° 11'	5° 27'	Colloony.	1 3/4 mi	NW.	S. Pauls	1 3/4 mi	W.

RAINFALL at Golleeoney (Markree Observatory) M.W.R.County of SligoObserver Major CooperRiver Basin 2-Sligo Bay

De late Major Cooper's Trustees.

Type of Gauge GlaisherAnnual Average 45.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S. ~~1915~~

Diameter	5"											
Height	11' 0"											
Altitude	122'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.02	5.48	4.14	4.63	3.54	4.28	5.39	6.04	3.43	2.95		
February	4.42	1.18	3.14	.63	3.89	2.13	5.47	2.48	4.46	3.67		
March	1.81	2.28	3.98	4.14	2.16	3.03	1.60	2.32	3.41	6.44		
April	2.98	4.58	2.29	2.78	4.21	1.25	2.73	.39	1.77	3.82		
May	4.73	2.77	2.80	3.07	1.70	1.75	1.66	3.88	.90	3.20		
June	5.97	2.32	4.05	1.91	4.89	5.23	1.83	5.58	1.98	2.05		
July	4.44	6.09	2.97	2.42	1.06	6.22	6.39	3.71	4.86	4.70		
August	4.33	2.85	3.05	6.37	3.17	2.44	3.94	3.56	2.01	2.27		
September	2.70	4.66	0.85	6.58	6.20	4.38	4.68	3.27	1.51	4.26		
October	3.24	5.37	3.85	6.22	6.09	3.82	1.87	8.08	3.24	4.92		
November	6.64	3.27	2.53	1.82	4.68	4.69	1.61	6.85	8.03	4.45		
December	3.49	6.32	1.83	5.53	4.00	5.25	3.91	5.72	4.57	5.80		
TOTALS	49.77	45.87	34.98	46.10	45.59	44.47	40.61	51.88	40.17	48.53	44.7197	

Inspected 23/5/34. Tunnel found to be leaking. Roined to be repaired immediately.
Leak repaired.Position of Station on reduced Ordnance Survey Map, } No. of Map Reference No.
1 mile to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
	54° 11'	8° 27' W	Golleeoney	1/2 m	w.	St. Paul's Golleeoney	1/2 m	w.