

40

Killaloe
Co. Clare

Rev'd Chas Mayne

+ ground 5 feet + sea level 123 feet

Shannon, R. bank - 3.

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -						5.40	3.30	3.32	7.47		
February - -						1.61	4.38	7.76	3.06		
March - - -						6.38	1.22	5.09	1.15		
April - - - -						4.01	3.26	3.48	3.59		
May - - - -						2.09	4.22	1.41	2.45		
June - - - -						2.07	1.28	2.69	.73		
July - - - -						2.84	1.01	5.18	3.57		
August - -						6.47	1.75	9.80	3.23		
September -						2.31	3.51	3.61	4.38		
October - -						6.85	4.45	3.67	3.89		
November -						3.42	6.87	3.14	4.29		
December -						2.12	8.82	3.40	2.82		
TOTALS -						38.00	45.65	44.07	32.53	40.57	

v v v v v Readings
45.71

Killaloe
 RAINFALL
 Co. Clare.

Rev'd Chas! Mayne

+ ground 5 feet + Sea Level 123 feet

Shannon, R. bank - 3.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	4.86	5.88	6.85	5.35	4.25	1.06	3.10	3.66	3.06	4.81	4.288 +
February - -	5.16	2.16	4.13	.80	1.91	3.96	2.22	2.05	3.54	2.70	2.863
March - - -	.54	3.75	1.52	1.99	2.07	3.62	.71	3.14	3.20	4.87	2.541
April - - -	4.28	1.45	1.34	2.54	.33	1.78	2.41	3.88	3.39	3.55	2.495 -
May - - -	2.63	1.35	3.33	1.28	4.56	3.85	3.12	2.26	3.32	.34	2.604
June - - -	3.96	3.51	6.49	2.79	4.46	3.60	2.14	2.67	1.01	2.49	3.312
July - - -	2.97	3.32	2.44	4.32	3.16	3.66	2.70	3.15	3.22	5.06	3.400
August - -	5.00	3.58	5.07	2.24	2.60	3.42	3.09	1.78	3.29	4.37	3.444
September - -	2.88	1.49	1.06	2.21	1.90	1.30	3.42	3.37	4.11	6.83	2.857
October - -	2.07	5.35	2.74	5.72	3.59	3.76	1.89	3.19	3.67	2.16	3.413
November - -	6.59	1.88	5.84	3.74	1.88	1.65	1.51	3.20	1.22	4.42	3.193
December - -	4.19	1.55	4.92	.96	5.40	2.51	5.08	3.27	6.71	4.60	3.919
TOTALS -	45.13	35.27	45.73	33.94	36.11	34.17	31.39	35.62	39.74	46.19	38.829

C C C C C C C C C C C C

16.629 - Mean height

1854 verified by Mr Mayne

Killaloe

Co. Clare

Nov. 1st Co. Mayne

10 in Dia + ground 5 feet + See Level 128 feet
 Shannon, Knock - 3.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7.07	2.11	5.84	5.03	2.45	6.13	6.63	3.82	3.93	5.01	4.052 +
February - -	3.01	3.36	1.31	2.71	1.88	5.16	5.51	5.21	4.41	5.96	3.852
March - - -	4.85	6.65	4.27	3.87	2.85	3.42	3.85	3.06	5.12	3.86	4.180
April - - -	2.12	1.12	5.05	2.83	1.22	4.45	2.05	6.43	3.22	3.89	2.838 -
May - - -	4.52	.51	3.90	2.80	1.84	5.52	3.05	3.45	3.08	4.20	3.287
June - - -	5.84	4.21	2.92	3.20	3.39	2.19	4.48	2.34	1.97	1.45	3.199
July - - -	2.24	6.51	4.38	84	1.64	3.54	1.96	3.62	1.41	2.80	2.894
August - -	7.38	0.55	2.84	5.32	1.63	4.34	4.55	4.70	5.80	1.02	4.563
September -	2.62	7.57	1.90	6.15	5.63	1.10	6.47	3.14	2.98	0.87	4.643
October - -	4.58	3.41	7.61	6.22	3.23	5.05	2.44	7.63	6.20	1.52	4.789
November -	2.64	5.25	2.79	7.12	6.48	5.06	4.77	1.57	2.35	5.49	4.352
December -	1.89	2.59	5.06	4.44	2.90	4.08	6.02	1.90	6.67	6.50	4.205
TOTALS -	48.76	51.04	47.87	50.53	35.64	46.04	51.70	46.87	47.14	51.57	47.654

8 4 8 C - 8 C C C C C

Killaloe
Co Clare

Rev. C Mayne

+ ground 5 in + sea level 123 feet
Shannon, R. bank - 3.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -		2.15	6.17	5.40							
February - -		3.51	1.36	2.90							
March - - -		7.22	4.61	3.95							
April - - - -		1.16	5.35	2.86							
May - - - - -		.50	4.07	2.91							
June - - - - -		4.23	2.99	3.25							
July - - - - -		6.85	4.54	.86							
August - - - -		8.83	2.42	5.60							
September - -		7.60	1.98	6.23							
October - -		3.45	8.07	6.27							
November - -		5.57	2.96	7.27							
December - -		2.67	5.35	4.62	2						
TOTALS -		53.74	49.85	52.12							

£2.000 each
C C

$$\text{Average (15 years)} = 41.71$$

RAINFALL AT Ballina [Killaloe]

70

Lat.

Lon.

County of Tipperary

Rain Gauge, by

Observer J. Digan

Shannon, L. bank - 1.

Diameter								10		
Height								5		
Altitude								115		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879
										MEANS
January								6.06	5.42	2.73
February								4.72	2.63	5.40
March								3.56	1.98	2.28
April								3.55	1.73	2.22
May								3.48	4.48	3.03
June								4.33	7.96	5.62
July								2.59	1.42	3.88
August								5.77	4.75	4.76
September								2.62	4.46	5.54
October								6.07	5.39	2.35
November								9.23	2.59	.99
December								6.49	2.63	3.43
TOTALS								58.47	45.44	42.23

1879 Shrubs 3 to 4 ft high 10 to 12 ft S.

Killaloe 2 miles S.W.

RAINFALL AT Killaloe

Lat..... Long..... County of Clare
 Rain Gauge, by..... Observer Rev. C. Mayne
 Shannon Rbank - 3. M.W. J. Digan from May 76

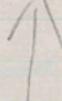
Diameter	10	Height	5	Altitude	123	YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	5.75	4.96	6.44	7.72	4.35	11.26	(2.70)										
February	3.02	3.70	4.59	2.07	2.43	1.75	5.28										
March	2.74	2.52	2.92	3.98	3.25	1.34	6.08										
April	2.07	4.92	2.46	2.71	3.45	1.56	(2.80)										
May	3.93	4.99	2.44	3.09	1.60	3.13	1.37										
June	2.71	2.75	4.73	2.91	1.48	4.97	3.16										
July	1.30	5.99	1.88	4.18	3.48	2.80	2.22										
August	2.49	2.01	5.01	8.61	7.84	3.48	4.53										
September	3.66	2.02	4.59	3.26	5.15	7.45	5.30										
October	2.91	4.50	5.70	6.37	(6.56)	4.07	4.52										
November	2.20	2.00	5.51	3.18	4.23	4.42	3.66										
December	3.00	3.54	6.78	2.51	7.94	3.93	5.24										
TOTALS	40.78	40.90	53.05	52.73	(51.76)	50.16	(46.88)										

C C C

Rain yrs.

42.01

1876 3 gauge moved



RAINFALL AT Gallina [Killaloe] O'Brienbridge

Lat.

Lon. County of Tipperary

Rain Gauge, by

Observer J. Digan, Esq

Shannon, L. bank - 1.

Diameter	10						40				
Height	5.0						2.0				
Altitude	115						93)				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January86	.64	3.67	8.40	6.07	3.95	4.80				
February	3.71	5.05	4.22	5.43	4.27	4.70	2.44				
March	4.91	3.18	5.70	.89	4.34	2.29	2.70				
April	4.41	2.10	4.73	1.82	2.08		2.23				
May	2.05	4.12	2.05	4.41	3.21		4.67				
June	4.82	5.89	4.50	2.56	3.55	1.58	2.35				
July	6.14	2.64	6.24	7.26	4.33	2.30	3.02				
August	2.26	6.86	3.20	6.84	1.44	3.46	2.26				
September	2.95	2.99	3.31	4.44	3.15	5.46	3.39				
October	3.88	3.56	4.52	4.83	3.34	4.50	5.22				
November	6.09	4.33	7.63	7.82	3.98	2.50	3.40				
December	5.23	6.34	4.72	3.35	7.50	1.67	5.66				
TOTALS	47.31	47.70	55.75	57.72	44.06		42.14				

Killaloe Church $\frac{1}{4}$ mile S.Gauge moved to Ross, O'Brienbridge 4 miles S. of Gallina presumably
in 1885. These figures will be found repeated in Co Clare.

RAINFALL AT Killaloe Ballina

Lat.

Long.

County of Tipperary

Rain Gauge, by

Observer J.P.S. Crosthwaite Esq. C.E.

Shannon, Lbank - 1.

Diameter		5									
Height		2	-								
Altitude		124									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				2.18	4.59	2.32	2.12	1.60	4.09	6.21	
February				3.82	4.84	1.07	1.49	3.65	3.92	3.24	
March92	3.14	4.04	7.12	5.35	1.44	1.57	
April68	3.61	1.98	1.27	5.46	4.03	6.15	
May				2.32	3.83	.34	.27	1.88	3.11	3.79	
June			2.47	2.90	3.17	1.21	2.52	3.74	3.90	1.79	
July			3.87	2.69	4.06	3.63	6.85	2.95	1.19	3.20	
August			6.79	4.86	3.98	6.14	2.61	6.79	8.63	1.69	
September			5.47	3.34	.31	1.34	8.72	3.87	4.26	4.31	
October			2.09	3.70	3.40	4.04	3.58	3.31	2.85	2.96	
November			4.62	2.77	5.79	4.66	1.51	6.83	7.32	3.18	
December			3.19	5.89	5.15	5.11	6.73	7.26	4.49	6.76	
TOTALS			36.07	45.87	35.88	44.79	52.69	49.23	44.85		

RAINFALL AT Ballina [Killaloe]

Lat.

Lon.

County of Tipperary

Shannon L. Bank - 1.

Snowdon Rain Gauge, by Pastelle Franklin Observer J. Cuthwicke Eng. C.E.

J. Dudley Fletcher Esq.

Diameter ..	5										
Height	2.0										
Altitude ..	124 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.09	4.77	4.33	6.10	5.50	3.96	6.39	2.45	4.82	14.36	4.977
February ..	3.77	.99	2.44	4.57	4.30	2.94	4.39	3.18	3.39	1.59	3.156
March ..	4.8	4.15	3.33	7.84	3.90	6.69	4.46	4.42	4.24	3.21	4.267
April ..	3.69	3.52	2.92	1.66	3.46	2.88	1.80	3.59	2.28	5.61	3.081
May ..	2.24	.97	2.37	3.12	3.02	1.98	3.62	2.58	3.39	2.17	2.546
June ..	5.24	2.83	2.03	1.31	1.79	1.73	2.54	4.66	1.63	2.06	2.582
July ..	2.39	.91	2.35	4.83	4.43	1.35	3.54	6.12	3.33	2.61	3.186
August ..	7.48	4.62	2.08	5.08	4.92	5.85	3.91	5.17	5.28	1.24	4.563
September ..	2.91	6.28	2.03	4.59	2.93	2.88	1.62	2.05	7.31	3.46	3.606
October ..	5.23	3.87	2.95	5.65	6.42	2.07	7.25	5.31	.83	6.52	4.610
November ..	7.12	4.33	4.65	3.23	3.15	3.68	2.58	4.80	2.94	2.59	3.907
December ..	6.20	4.58	5.08	5.56	3.08	2.80	4.90	6.14	5.55	5.33	4.022
TOTALS ..	53.79	41.82	35.96	53.54	46.90	38.81	47.00	50.47	44.99	40.75	45.403

H H H H H H H

1902 - Ranked under Co Clare by oversight

1904 - Printed under Co Tipperary in previous year

1908 - New gauge erected.

Printed under Co. Tipperary.

1909 error for wrong day

} 1902 & 1904-07
 were printed as in
 Co. Clare, under a
 misapprehension. Mr.
 Dudley Fletcher definitely
 stated (q) that the station
 was in Tipperary.

Killaloe
RAINFALL at Ballina [Killaloe]

County of Tipperary

Observer F Dudley Fletcher Esq. C.I.

River Basin Shannon - Left Bank Tributary

Office of Works (u)

Station Rain Gauge, by Post Office

Renewal about 1908.

Diameter ...	5										
Height	2.0					2 6		2 0			
Altitude ...	124					127			126		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.33	2.63	4.24	6.77	2.94	7.31	4.15	1.90	3.39	5.43	
February ...	6.84	4.75	2.92	2.25	8.00	5.37	6.62	2.05	6.28	1.66	
March	2.70	2.63	5.22	5.93	6.29	1.35	2.13	2.47	2.70	3.83	
April	4.18	3.57	1.12	4.73	2.51	3.31	4.87	1.97	1.31	2.32	
May	3.47	4.04	1.78	3.72	2.43	.65	4.40	2.71	2.80	3.40	
June.....	3.43	2.94	7.52	3.60	1.14	1.54	2.65	2.04	2.14	2.57	
July	5.43	3.30	4.57	1.04	3.12	6.74	1.55	2.21	5.13	1.70	
August.....	6.04	2.39	4.78	2.36	5.87	3.74	3.79	8.45	4.22	3.18	
September ..	.86	3.29	.64	4.09	2.93	2.07	2.49	2.18	8.24	4.11	
October ...	2.87	4.92	3.48	2.99	2.54	3.86	9.41	8.46	6.37	.89	
November ..	4.34	7.17	3.72	5.12	5.72	4.38	6.08	4.39	4.40	3.19	
December ...	4.01	9.74	6.62	4.70	7.15	5.90	4.60	3.06	8.93	8.68	
TOTALS ...	50.50	51.37	46.61	47.20	50.64	46.22	51.74	41.89	55.91	41.08	48.316
	D	D	D	D	D	D	D	D	D	D	

1910 Corrected for wrong day.

g. i. re-carefully read. May be give no rain for last reading.
(See 9.3.20)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Killaloe.	250	S.E.	Ballina R.C.	500	E
1918	52° 48'	8° 26'						

RAINFALL at Killaloe

County of Clare

Observer

Irish Hydro Electric Syndicate
for Theodore Stevens, C.E.

River Basin Shannon, R. bank - 3.

Hyetograph Rain Gauge, by N+3

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...											
February ...											
March											
April											
May											
June.....											
July											
August.....											
September..											
October ...						428					
November..											
December...											
TOTALS ...											

- D

1915 g. said to be only 2 feet away from Office of Works g. (which is however in Tipperary)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Killaloe, Ballina.

County of Tipperary

Observer Office of Public Works

River Basin Shannon, L. bank - I

Denglone.

H. Williams.

Denis Gravane (125)

Snowdon Rain Gauge, by P. R. Parker, Jr.
A. in good condition fixed in concrete. (22)

Glass not tested.

Diameter ...	5		5								
Height	20		20							10	
Altitude ...	126		125.60								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS
January ...	6.91	5.80	4.73	4.96	5.15	4.98	6.27	5.83	7.03	2.24	7.37
February ...	4.30	1.68	6.75	6.53	1.82	6.19	4.03	3.26	6.54	3.83	.57
March	3.82	4.23	2.42	3.11	1.86	1.79	2.33	4.36	3.62	1.47	6.28
April	4.47	1.67	3.20	3.04	3.87	5.47	2.51	1.39	2.62	1.54	2.80
May	5.73	2.30	2.53	1.86	5.01	4.41	2.68	1.49	1.75	2.83	2.44
June	1.76	6.65	2.27	1.27	4.52	1.66	2.90	4.07	4.45	1.75	2.64
July	6.36	4.10	3.93	4.66	3.28	3.40	5.08	2.83	2.55	4.67	4.31
August	3.01	4.66	3.88	6.50	4.44	2.01	3.43	5.44	4.61	6.70	5.64
September...	3.01	1.84	5.27	4.46	7.60	1.99	2.43	5.65	2.47	1.16	3.51
October.....	3.98	3.00	1.51	5.46	4.67	4.07	3.88	2.71	7.46	6.67	7.28
November...	5.13	4.46	1.97	6.66	4.20	2.70	5.54	3.53	6.62	7.34	5.29
December...	3.36	5.81	5.40	5.63	8.04	3.58	1.28	3.17	5.92	9.68	6.05
TOTALS...	51.84	40.00	43.86	57.94	53.16	40.25	42.36	43.73	55.64	49.88	54.18
	3	1	2	1	1	1	1	1	1	1	1

Calculus received 9. XI. 22. Total 2020. Up to 30/6/40 while being removed
e. in open site or embankment.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	52° 48' 80" N	26' E	Killaloe	250	EE	Ballina R.C.	500	E

RAINFALL at Killaloe (Bacina)

County of Tipperary Observer Office of Public Works.

River Basin. I - Shannon - Left Bank.

Type of Gauge... Snowdon

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

Ref.

4764370 / 26

Diameter	5"										
Height	11' 0"										
Altitude	126'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.86	5.40	4.39	7.46	2.09	6.00	7.87	8.49	5.63	2.47	
February	5.50	.07	4.15	.32	5.12	2.89	6.25	2.68	4.66	4.05	
March	2.00	2.27	4.12	4.78	2.66	2.87	2.20	2.33	3.38	3.12	
April	3.38	3.63	1.42	2.60	3.09	3.01	3.54	.19	1.89	3.73	
May	4.27	3.75	3.61	2.61	1.22	1.03	2.86	4.10	1.48	2.44	
June	5.05	1.39	2.23	2.17	6.24	2.73	1.68	4.60	2.08	1.15	
July	5.09	4.26	3.28	2.00	1.76	6.09	6.05	7.99	3.26	3.49	
August	3.34	3.71	2.08	4.65	5.04	4.81	2.99	5.23	1.83	.52	
September	2.75	5.59	1.74	5.78	8.12	4.78	4.85	3.12	.94	4.63	
October	3.43	4.94	2.49	4.71	7.05	3.89	2.31	11.27	1.57	6.77	
November	7.98	3.49	1.25	2.67	5.77	4.92	1.91	6.01	10.72	5.13	
December	4.82	6.03	2.54	6.99	2.57	6.22	3.38	4.85	3.43	5.93	
TOTALS	52.47	44.53	33.30	46.63	50.77	45.24	45.89	60.56	40.87	42.43	

1931. Fence 3 ft. high, 40 ft. N.
Rig. station 15 ft. " 120 " E.
1932 n.p. too big.
1933 } n.p. Big.
1934 }
1935 n.p. big.

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

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge		Parish Church.	Distance from gauge	
				40	80 yds		500 yds	E.
52°48'	8°26'W.	Kielaloe		250 yds	S.E.	Ballina P.C.	500 yds	E.