

RAINFALL AT Tuam Gardenfield

Lat.....

Lon.....

County of..

Galway

Rain Gauge, by... Casella

Observer

H. Kinnison Esq.

Comd - 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.....	3339	3570	4828	3632	4149	3886	4092	4137	3444	3334	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. 1879. It was moved 1/4 mile at end of 1878.
 Tuam church 2 miles S.E.

RAINFALL AT Tuam Gardenfield

70

Lat.

Lon.

County of

Galloway

Snowdon New Rain Gauge, by Carilla

Observer. H. Kinnaird Esq.

Corr'd - 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 9ft 26 75 E. 1877 Gauge at a new
do 7 " 18 " S. house 1/4 mile distant
Trees 40.. 100 " IV. 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.

RAINFALL AT *Tuam Gardenfield*

Lat.

Lon.

 County of *Galway*

Rain Gauge, by

 Observer *H. Kirwan, Esq*
Corrib - 3.

Diameter	5										
Height	1.0										
Altitude	155 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.62	.94	2.42	7.63	6.67	4.02	3.94	3.90	2.52	4.64	3.830
February	4.35	3.61	2.76	5.64	4.58	3.51	3.23	3.96	1.00	2.92	3.556
March	3.57	2.91	4.00	1.62	4.74	3.04	5.00	1.39	3.92	2.26	3.245
April	3.84	2.12	3.60	2.93	1.73	2.68	2.27	2.39	1.77	2.53	2.586
May	1.55	2.36	3.62	2.77	4.24	2.40	5.13	1.92	3.32	4.38	3.169
June	5.09	4.96	3.43	2.16	.96	.59	1.50	.52	6.64	1.14	2.699
July	4.86	1.66	6.61	3.96	3.54	3.11	4.82	3.59	4.86	2.02	3.903
August	2.26	4.55	3.69	4.20	2.37	3.27	3.64	4.54	3.75	5.69	3.796
September	3.14	3.43	3.01	4.82	4.24	6.38	5.08	5.54	.82	2.10	3.856
October	1.47	2.79	5.25	4.65	5.09	5.34	5.05	2.79	3.42	5.67	4.152
November	6.15	7.67	7.66	5.67	3.81	3.54	4.81	4.12	3.64	2.88	4.995
December	3.81	4.94	4.17	2.75	6.26	2.14	6.13	4.41	5.83	4.48	4.492
TOTALS	41.71	41.94	50.22	48.80	48.23	40.02	50.60	39.07	41.49	40.71	44.279

 1880. *Tuam*

2 miles

S.S.E.

1882 Wall 9 ft high 45 ft E.

1880 Jan 3? Gauge moved (about 1/2 mile?) and placed near the snowdon gauge. giving an increase of about 10 per cent in the amount recorded.

RAINFALL AT Tuam Gardenfield

Lat.

Lon.

County of Galway

Snowdon Rain Gauge, by

Observer

H. Kilwan Esq

Corr'd - 3.

Diameter	5											
Height	6.0											
Altitude	160 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.52	1.85	2.34	7.39	6.48	3.85	3.77	3.82	2.46	4.59	3.707	
February	4.21	3.49	2.82	5.49	4.43	3.42	3.15	3.89	.98	2.87	3.475	
March	3.47	2.75	4.02	1.48	4.53	2.95	4.88	1.31	3.86	2.22	3.147	
April	3.65	2.05	3.48	2.84	1.64	2.50	2.13	2.32	1.68	2.46	2.475	
May	1.49	2.34	3.53	2.67	4.15	2.28	4.95	1.83	3.15	4.34	3.074	
June	4.92	4.73	3.30	2.06	.85	.52	1.26	.50	6.59	1.11	2.584	
July	4.67	1.45	6.17	3.61	3.32	2.97	4.69	3.41	4.85	2.02	3.716	
August	2.17	4.30	3.37	4.02	2.18	3.14	3.48	4.33	3.64	5.65	3.628	
September	2.99	3.35	2.92	4.64	4.08	6.00	4.95	5.43	.76	2.06	3.718	
October	1.46	2.60	5.03	4.44	4.96	5.13	4.89	2.68	3.37	5.61	4.017	
November	6.01	7.40	7.44	5.43	3.64	3.41	4.69	4.01	3.50	2.85	4.838	
December	3.67	4.72	3.96	2.65	6.11	1.99	6.10	4.33	5.74	4.49	4.376	
TOTALS ...	40.23	40.03	48.38	46.72	46.37	38.76	48.94	37.86	40.59	40.27	42.755	

1880. Tuam

2 miles

S.S.E.

Wall 9 ft high 66 ft N

Plank 33 ft .. 165 ft E.S.E.

Trees 40 ft. - 240 ft. W.

1880 Jan 3rd gauge moved some distance 1885 Jan. gauge in

1882 Wall 8 ft high 63 ft S. [same position from Jan 78 onward]

RAINFALL AT *Tuam Gardenfield*

Lat. _____

Lon. _____

County of *Galway*

Rain Gauge, by _____

Observer *H. Kinson Esq*

Contd - 3. Monthly

Diameter	5											
Height	1 0											
Altitude	155 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.17	2.32	2.37	2.65	5.91	3.29	1.78	2.29	3.20	4.83	3.481	
February ....	.58	.28	2.35	4.78	6.24	.35	2.26	3.50	3.64	3.91	2.799	
March	2.16	2.22	1.31	.85	2.77	5.24	5.63	6.31	1.29	2.68	3.046	
April	1.78	2.10	1.65	1.35	5.20	1.14	1.19	4.54	2.80	3.98	2.573	
May	1.94	1.76	5.03	1.60	4.19	.91	.60	2.01	2.86	2.89	2.379	
June	3.73	1.93	1.75	2.33	2.26	1.50	4.22	4.12	3.86	2.34	2.804	
July	4.06	1.60	2.93	3.27	4.63	5.05	5.60	3.49	2.00	2.06	3.469	
August	2.42	8.81	9.31	4.51	3.64	5.20	2.71	6.96	5.91	3.30	5.277	
September....	3.18	3.95	5.55	2.07	.13	.97	6.20	2.15	3.26	2.90	3.036	
October	2.86	7.14	3.61	4.14	3.96	3.88	3.43	2.49	2.30	2.54	3.635	
November	8.54	2.76	5.98	2.31	4.27	5.56	1.43	4.62	4.53	4.97	4.497	
December	2.47	7.79	2.65	4.99	4.74	4.84	5.82	6.50	5.12	6.92	5.184	
TOTALS	39.89	42.66	44.49	34.85	48.04	37.93	40.87	48.98	40.77	43.32	42.180	

1890 Tuam Church 2 miles SSE

Dwarf cherry tree 7 ft high 12 ft N

1880 -

RAINFALL AT Tuan Gardenfield

Lat. _____

Lon. _____

County of Galway

Rain Gauge, by _____

Observer H. K. K. Esq

Corr'd - 3. Snarden

Diameter	5											
Height	60											
Altitude	160 I											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.23	2.34	2.36	2.54	5.87	3.21	1.79	2.21	3.28	4.74	3.457	
February ....	.55	.28	2.31	4.80	6.41	.34	2.27	3.53	3.60	3.84	2.793	
March	2.12	2.15	1.31	.85	2.83	5.24	5.64	6.30	1.30	2.59	3.033	
April	1.72	2.07	1.60	1.30	5.15	1.08	1.17	4.47	2.85	3.97	2.538	
May	1.95	1.71	5.02	1.61	4.09	.87	.59	2.00	2.83	2.85	2.352	
June	3.68	1.89	1.71	2.29	2.24	1.52	4.20	4.14	3.84	2.34	2.785	
July	4.04	1.59	2.89	3.21	4.65	5.00	5.53	3.47	1.98	1.98	3.434	
August	2.39	8.92	9.24	4.51	3.61	5.14	2.76	6.76	5.85	3.31	5.249	
September	3.20	3.90	5.64	2.00	.14	.95	6.21	2.12	3.12	2.83	3.011	
October	2.83	7.16	3.50	4.10	3.92	3.83	3.34	2.42	2.13	2.51	3.574	
November	8.59	2.71	5.86	2.27	4.27	5.42	1.44	4.61	4.59	4.91	4.467	
December	2.45	7.80	2.61	4.95	4.75	4.68	5.90	6.48	5.21	6.78	5.161	
TOTALS	39.75	42.52	44.05	34.43	47.93	37.28	40.84	48.51	40.58	42.65	41.854	

1890 Tuan Church 2 miles S.S.E

Dwarf Plum 3'6" high 11 ft N

1880

RAINFALL AT Juam Gardenfield Gauge No. 2

Lat. Lon. County of Galway

Rain Gauge, by Paula Observer H. Kiwan Esq

Weekly g. Corrib - 3.

Diameter ..	5										
Height	1 0										
Altitude ..	155 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.31	3.20	4.16	6.53	5.28	3.45	6.12	2.15	4.84	4.86	4.590
February ..	3.48	1.37	2.48	5.79	5.76	2.83	3.82	3.01	2.85	2.77	3.416
March ....	.86	3.49	3.39	7.77	3.48	5.60	2.95	4.69	4.11	2.84	3.918
April	2.95	3.26	2.69	1.33	3.28	1.67	2.54	2.74	2.28	4.41	2.715
May	4.62	1.67	2.22	2.45	3.65	1.98	4.14	3.97	4.24	2.28	3.122
June	5.03	3.94	2.33	1.09	2.09	1.97	2.85	5.04	2.68	.71	2.773
July	1.61	1.45	1.55	5.86	5.66	1.40	2.21	2.21	1.64	2.98	2.657
August	5.24	3.65	1.94	8.58	6.45	4.70	3.86	4.09	3.92	1.31	4.374
September ..	2.43	6.87	2.47	4.97	4.19	2.41	1.87	1.73	6.96	3.37	3.727
October	5.82	3.83	2.75	7.36	3.03	1.85	4.88	4.21	1.32	6.66	4.171
November ..	5.68	3.45	5.60	3.60	3.17	4.61	3.02	3.18	3.31	2.40	3.802
December ..	7.13	4.63	3.92	3.64	4.31	3.28	4.90	5.25	6.27	4.61	4.794
TOTALS ..	50.16	40.81	35.50	58.97	50.35	35.75	43.16	42.27	44.42	39.20	44.050

1900 Juam Church 2 miles S.S.E

1903 " Station 2 " S.S.E

1905 "Gauge breaking up"

RAINFALL at Inam gardenfieldCounty of GalwayObserver H. Kenyon Esq No. 1River Basin Corrib 3Snowdon Rain Gauge, by Basella

Diameter ...	5										
Height	6.0										
Altitude ...	160						161				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.40	2.91	3.28		3.02	4.99	4.04				
February ...	5.57	4.31	4.06		8.27	5.34	4.90				
March	3.51	1.97	4.79		4.86	.92	1.88				
April	2.37	2.85	1.48		1.86	3.01	4.38				
May	2.32	2.86	1.96		2.22	1.52	3.63				
June	4.53	2.40	4.74		.45	1.79	3.66				
July	4.75	4.62	3.61		5.14	5.02	1.16				
August	6.79	2.87	4.30		4.52	3.77	3.44				
September ..	1.52	2.16	.53		2.23	2.52	2.59				
October ...	2.64	3.69	4.15		1.99	4.11	8.24				
November ...	4.24	6.58	4.57		7.75	3.81	5.98				
December ...	3.00	6.89	7.43		6.21	7.22	(3.86)				
TOTALS ...	46.74	44.11	44.90		48.52	44.02	(47.76)	NR			

1916 Dec. mt. interpolated

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Inam	2 mls.	SSE.	Inam	2 mls.	SSE.

RAINFALL at Luan GardenfieldCounty of Galway Observer R. J. Kirwan Esq. C.E.River Basin Corrib 3 Surveyor Sligo(1926) Snowdon Rain Gauge, by _____

Diameter ...	5			5							
Height	1 0			1 0							
Altitude ...	166	155		155							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	5.93	4.86	3.79	3.55	3.43	5.59	5.47	6.26	6.19	2.48	(3.05)
February ...	5.73	1.85	7.44	5.33	9.7	4.62	3.76	3.32	5.17	(3.06)	.27
March	3.37	3.55	3.07	3.52	1.46	1.91	1.22	4.93	2.45	1.20	3.27
April	3.97	1.96	2.83	2.71	4.26	4.15	3.84	2.58	2.65	2.20	3.30
May	4.31	1.65	3.31	2.39	3.82	4.74	3.78	1.60	1.48	(1.76)	1.79
June	3.32	4.4	1.47	2.12	4.00	.95	3.64	4.10	6.72	(1.91)	1.86
July	2.68	4.30	5.30	1.96	3.82	3.34	2.38	2.14	2.70	3.90	(2.66)
August	2.51	4.07	4.53	4.51	4.38	2.72	2.33	5.47	3.97	(4.93)	(2.6)
September...	2.85	1.62	3.79	6.65	5.90	3.23	1.80	6.89	6.00	1.67	4.08
October	2.42	5.05	2.60	3.92	3.99	3.25	3.76	2.58	6.83	(5.26)	(7.56)
November...	5.70	3.83	2.46	5.20	5.41	3.83	4.87	1.95	4.59	5.61	4.85
December...	3.90	2.86	4.33	3.26	7.90	3.27	2.14	3.27	5.42	(7.14)	(5.64)
TOTALS...	46.69	36.04	44.92	45.12	49.04	41.60	38.99	(45.09)	54.07	(41.12)	(48.59)

1929. Months in brackets adjusted by Maps. Obs. asked }
 1930. Low H.P. Leaking. Revised values bracketed, about sea h. }
 obtained from monthly averages of maps but
 data not included in British Rainfall, 1930. }

Position of Station on reduced Ordnance Survey Map, 2 miles 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
	53° 22' 52"		Luan	2 mi	SE	Luan	2 mi	SE

RAINFALL at Lucan (Gardenfield)County of Galway Observer R.T. KeenanRiver Basin B-Connab

Type of Gauge

Annual Average 44.1 in. based on 35 years obs. un-weighted. Period of average 188-1915 Ref. B.M.N.

693766/26

Diameter	5"										
Height	1' 0"										
Altitude	155'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January		6.76	(4.54)	6.56	(1.70)						
February		2.20	(2.63)	3.31	(4.50)						
March		1.57	2.40	3.67	2.16						
April		3.72	2.75	3.01	2.70						
May		3.47	3.53	1.29	(1.60)						
June		3.06	(2.80)	2.07	(6.50)						
July		5.04	(3.17)	2.91	1.06						
August		3.22	(2.45)	4.27	2.91						
September		3.98	(1.17)	4.01	(7.00)						
October		3.79	3.25	6.43	3.94						
November		2.24	1.93	3.15	(5.00)						
December		7.03	1.87	5.94	(2.00)						
TOTALS	45.15	44.08	32.49	43.81	(41.06)	N.R.	N.R.	N.R.			

1933. Jan, Feb., June - Sept. adjusted for date of instituting. (Also unweighted).

1936 Jan, Feb., May, June, Sept., Nov., Dec. adjusted by surrounding stations.
observer notified.
np. too many adjustments.

1939 Record terminated.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge