

RAINFALL AT Lough Allen Drumshanbo

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Leitrim \_\_\_\_\_

Rain Gauge, by \_\_\_\_\_ Observer J.P.S. Crosthwait Esq. C.E.  
Shannon L. bank - 5.

Diameter .....	5									
Height .....	2.0									
Altitude .....	165 <del>m</del>				168					
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
										MEANS.
January .....				1.98	4.98	2.23	2.13	2.28	1.61	2.95
February .....				3.88	4.19	1.02	2.44	3.01	3.36	2.43
March .....				1.38	2.79	3.69	5.48	6.79	1.63	1.56
April .....				1.37	4.25	1.14	2.34	4.61	3.04	4.44
May .....				3.21	2.35	.68	.80	1.71	2.88	3.06
June .....				2.52	4.11	1.57	.84	2.16	5.09	4.33
July .....				2.36	3.76	4.33	3.06	4.82	2.04	.83
August .....				4.64	4.41	2.74	5.21	2.44	4.80	4.85
September .....				4.45	2.97	.22	1.33	5.43	2.31	4.54
October .....				3.48	2.61	3.82	4.04	3.02	3.24	2.26
November .....				3.86	3.03	3.96	6.27	1.97	3.68	2.87
December .....				2.68	4.64	3.55	4.92	5.33	6.53	4.47
TOTALS .....				37.35	38.75	34.43	38.36	46.09	36.67	35.98 (39.00)

\* Computed from Lauderdale

## RAINFALL AT DUNSHANK LONG ALL SENSES

*Lat.*..... *Lon.*..... *County of*..... *Tolson*

Snowdon Rain Gauge, by Peartells. Rapkin Observer. J. Frostbawant Eng. C.E.  
(1908) Shannon, Left Bank - 5. F. Dudley Fletcher C.E.

## RAINFALL at Drumshanbo, Long Allen, Co. Cavan

County of Leitrim

Observer F. Dudley Fletcher Esq.

River Basin Shannon - Left Bank Tributaries 5

W. Doyle Mrs N. Fletcher

Snrda Rain Gauge, by Pastorelli & Raphan  
Revised about 1908.

Diameter ...	5										
Height .....	2 0			2 5					2 0		
Altitude ...	169 ft						170				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MREANS.
January ...	3.59	2.75	3.23	6.10	3.48	4.51	2.88	1.83	3.46	3.17	3.500 ✓
February ...	6.05	4.46	3.86	2.02	5.87	4.82	3.50	7.76	4.18	.97	3.049 ✓
March .....	2.66	2.00	5.76	3.85	5.56	1.28	-8.22	2.28	.91	2.01	2.773 ✓
April .....	2.17	2.30	1.07	4.31	1.54	2.85	4.40	1.72	.53	1.62	2.251 ✓
May .....	2.55	3.46	2.21	3.39	1.58	.56	3.33	.85	.88	2.18	9.099 ✓
June .....	5.17	1.92	4.75	2.74	.64	1.18	1.84	1.13	1.19	1.29	2.186 ✓
July .....	3.56	2.75	3.27	1.63	1.78	3.83	1.03	1.38	1.47	.53	2.123 ✓
August .....	7.55	3.36	6.06	.86	3.05	4.13	4.65	3.23	1.39	1.19	3.545 ✓
September ..	.87	1.56	.44	4.48	1.59	.49	2.14	2.13	5.15	1.95	2.080 ✓
October ...	2.28	3.27	3.24	3.75	1.65	3.54	4.61	5.56	4.11	.76	3.277 ✓
November ..	5.15	5.43	4.09	3.54	6.13	4.66	4.10	6.03	2.98	2.24	4.437 ✓
December ...	4.27	7.03	4.50	5.03	6.50	4.41	2.92	1.07	5.89	7.99	5.261 ✓
TOTALS ...	45.87	40.29	42.48	41.70	39.37	39.26	36.25	27.97	32.14	36.48	37.181 ✓

in pds. D

1915 Bridge 8' 6 3/4 yds S.W.

Placed in open & carefully read. May. on give no mean for low readings  
(letter 9.3.20)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Drumshanbo	1 1/2 m	SE	Irish Church	1 1/2 m	SE

RAINFALL at Drumshanbo, Long Ales Shires 20

County of Leitrim

Observer Office of Public Works

River Basin Shannon, L Bank. 5

Luke Doyle.

in snowdon Rain Gauge, by P. L. S.

Rain Gauge, by  
S. in fair condition (3)  
stands in concrete block.

Glass Camden not treated (22)

Diameter ...	5		5							5	
Height .....	20	Cochran	20	20					10		
Altitude ...	170		169	170					169		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
										MEANS.	
January .....	4.22	3.79	3.31	4.13	4.28	3.02	4.41	4.75	4.73	1.92	3.23
February .....	2.55	1.62	3.90	5.26	1.85	3.58	2.29	2.47	2.53	2.99	.27
March .....	2.07	2.70	1.93	2.26	83	1.88	1.12	3.15	2.32	1.26	2.36
April .....	8.09	.96	2.45	2.34	3.12	2.97	1.35	1.27	1.25	.66	1.25
May .....	3.04	1.90	1.50	1.79	3.62	4.29	2.88	1.64	.93	2.34	1.14
June .....	.52	.29	2.34	1.58	3.09	.53	1.87	2.22	4.63	1.86	1.43
July .....	2.50	3.58	4.04	1.67	3.89	2.60	1.67	2.48	1.43	3.54	3.14
August .....	9.62	4.3	3.47	6.62	5.29	2.30	3.01	4.14	3.71	5.05	5.42
September .....	1.93	.97	2.84	5.34	3.87	2.10	1.75	3.65	3.62	1.03	2.59
October .....	1.50	2.97	1.74	4.65	3.34	2.91	2.97	1.87	5.12	3.72	6.11
November .....	3.63	3.29	1.53	3.62	3.38	2.40	3.37	2.69	6.01	4.68	4.13
December .....	3.66	2.88	4.06	4.10	4.01	2.00	1.31	2.12	3.68	6.03	4.12
TOTALS...	28.57	26.38	33.11	43.36	40.57	29.58	28.00	32.45	39.98	34.08?	35.19?

Catechism q. XI. 22. S. on level ground for rugged surroundings. Slopes  
down N.W. to large S. & S.W. Tree 20 ft. high 66 ft. S.W. Long Allen Sluice 9 ft. 19 ft. S.W.  
Pine m. is catkin tree (2''). Santa Fe overgrown to N.E. but scattered C.W. (2'')

1929. Observers told 3 inc. low on year due to over exposure.  
1930 " " is low reading.

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
			Dunleath	1½ mi	SE.	Inish +	1½ mi	SE.

## RAINFALL at Drumshanbo (Lough Allen sluice)

County of Leitrim

Observer Office of Public Works

River Basin S-Shannon-Left Bank

Type of Gauge Snowdon.

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

7764370/27

Diameter	5"										
Height	1' 0"										
Altitude	169'										176
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.69	4.31	3.56	4.48	2.63	4.61	4.96	5.33	3.49	3.36	
February	4.36	1.10	2.10	3.9	4.48	1.93	4.58	1.82	3.43	3.50	
March	2.09	2.37	2.76	3.04	1.67	2.57	1.70	2.65	2.40	4.48	
April	2.50	2.79	1.62	2.31	2.29	1.18	2.37	.32	1.37	3.10	
May	3.49	2.55	2.36	3.52	1.28	1.68	3.93	3.47	1.26	2.39	
June	5.46	1.03	3.21	1.78	5.15	3.72	1.58	4.11	1.85	1.14	
July	3.91	3.98	2.36	1.56	6.9	5.87	5.00	5.08	3.66	3.10	
August	2.45	1.67	1.67	5.11	3.10	2.12	2.39	2.68	1.46	1.17	
September	1.83	4.13	.51	4.94	4.76	6.05	3.27	2.64	2.11	3.21	
October	2.33	4.38	2.90	4.66	4.79	3.25	.76	7.01	3.77	4.32	
November	5.56	3.20	2.26	1.12	4.01	4.08	1.32	6.30	7.09	3.93	
December	2.77	5.58	1.61	3.54	2.79	4.53	2.61	3.64	3.58	4.67	
TOTALS	41.44	36.09	26.92	36.45	37.58	41.59	34.47	44.95	35.47	38.37	

1931. Lough Allen Sluicings 10ft. high, 90 yds S.E.W.  
Lough Allen 8 ft. lower - 800 yds N.N.E. 1st flt.

Mountain 1922 ft high, 3 miles N.E.

Rugged land 100 yds. S., N., &amp; E.S.

1934 R. Shannon 9 ft lower 40 yds W.

1934. Gauge moved 50 yds NW on 16/9/37.

Lough Allen Sluicess 9' high 100' SW.

Lough Allen 17' lower 500 yds NW, N, NE, SE.

R. Shannon 17' lower 20' W.

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
1938			Drumshanbo.	1/2m	S.E.	Irish + Drumshanbo	1/2m	S.E.