

## RAINFALL AT Newcastle Killadreenan

Lat.

Lon.

County of

Wicklow

Vartry RC - 14 Rain Gauge, by Observer D. H. Steele

Diameter .....										8	
Height .....										1 2	
Altitude .....										255	
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....								3.88	2.32	4.76	
February .....								1.72	1.61	4.12	
March .....								4.49	.84	1.05	
April .....								3.41	4.44	2.72	
May .....								.80	3.25	2.24	
June .....								4.08	2.46	3.75	
July .....								1.42	1.38	3.23	
August .....								5.33	3.80	1.88	
September .....								3.17	1.99	2.32	
October .....								3.17	4.39	1.48	
November .....								4.86	4.72	3.19	
December .....								3.86	1.94	3.87	
TOTALS .....								40.19	33.14	34.61	

1898 Newcastle Church 1/2 mile SE

Hospital 40 ft high 90 to 120 ft N

## RAINFALL AT Newcastle Killadrumon Committee House

Lat.

Lon.

County of

Wicklow

Rain Gauge, by

Observer

P. H. Steede Esq M.D.

Vastey &amp; C - Lt.

J. H. Peyton Esq M.A.

Signature and

Diameter ..	8									270	260
Height ....	1	2									
Altitude ..	255 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.81	2.66	1.66	4.32	3.31	1.33	4.59	.51	(1.98)	1.08	2.525
February ..	5.93	1.30	2.92	3.10	4.41	.85	2.21	1.61	1.45	.71	2.449
March ....	.89	1.80	1.42	6.19	2.60	4.21	1.79	1.42	3.81	4.79	2.892
April .....	1.30	1.83	3.02	1.18	1.27	2.34	1.67	2.64	2.86	4.05	2.2516
May .....	2.83	.80	2.38	2.76	2.91	.89	3.28	4.84	1.73	1.15	2.357
June .....	2.15	2.27	3.07	2.00	2.49	2.05	.86	3.70	1.76	3.56	2.391
July .....	3.25	2.05	3.80	4.31	2.26	1.99	1.01	2.21	2.34	2.38	2.560
August .....	3.99	3.02	4.08	3.17	2.62	8.64	1.57	2.56	3.52	.97	3.414
September ..	.90	5.10	3.81	4.34	3.82	1.13	.67	.94	3.93	1.46	2.610
October....	3.55	3.98	3.58	4.15	.87	.71	5.76	6.30	3.60	5.95	3.845
November ..	5.72	3.80	5.55	2.57	1.34	6.08	1.65	2.82	2.10	1.91	3.354
December ..	2.93	3.78	2.50	3.73	2.25	2.13	2.22	3.63	3.66	5.80	3.263
TOTALS ..	37.25	32.39	37.79	41.82	30.15	32.35	27.28	33.18	(32.74)	33.81	33.876

1900 Newcastle Church 1/2 miles SE

Hospital 50 yds N 120 ft E

1903 Newcastle Station 3 miles S.E.

1906 Total printed 27.38 ~ cm

1908. Observer says "The readings for Jan. &amp; Feb. were made by my predecessor &amp; I do not think he has measured the whole of the R for Jan." .50 in. has been added to the amt. given.

1909. Newtown tit. Kennedy Church 1 mile N.

RAINFALL at Newcastle, Killadreenan

County of Wicklow  
 River Basin Vartry  
Bally & C. 4  
 Rain Gauge, by Cassella

Observer Dr. J. J. Crowe

Meteorological Office (1911)

Dr. C. Dony's Report 1913 -  
 F. O. B. Kennedy (1912)

S. J. Moore, M.D. 1917  
 Dr. C. Dony's Report 1919

Diameter ...	8										
Height .....	12			10							
Altitude ...	260 T			256		270					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.33	.89	6.22	8.09	1.47	1.61	1.46	1.08	4.27	4.04	
February ...	4.32	2.28	5.59	1.62	3.45	4.77	4.48	1.31	3.61	4.07	
March .....	2.25	1.51	4.38	2.73	3.27	.99	4.23	2.94	1.54	1.84	
April .....	2.13	1.86	1.47	3.51	1.29	1.08	1.92	.98	2.16	1.07	
May .....	1.78	1.23	1.29	4.70	1.89	1.80	5.82	3.98	2.35	1.85	
June .....	4.62	2.19	3.50	1.11	1.27	1.55	2.52	1.66	1.43	1.56	
July .....	1.61	2.55	4.06	.32	2.09	5.48	7.73	2.04	3.34	.80	
August .....	5.59	2.22	7.29	1.30	2.29	1.63	1.94	5.91	1.77	2.80	
September ..	.61	1.90	.73	4.01	.48	1.25	2.38	1.56	5.02	2.69	
October ...	2.62	5.64	2.22	5.96	2.29	6.52	5.02	3.10	3.42	2.12	
November ...	4.07	4.70	1.11	4.20	3.27	3.00	6.38	2.07	2.94	4.25	
December ...	8.24	9.38	2.82	1.15	8.99	5.82	3.03	2.13	4.54	6.14	
TOTALS ...	42.17	36.35	40.68	38.71	31.85	35.50	39.91	31.76	36.39	33.89	36.661

1913 Building 3 storeys high, 40 yards N.  
 1914 Site 18 ft. 12 yds. SW.

5  
4

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1913	53° 5'	6° 6' W	Newcastle (1914)	2 m 3 m	E ESE	Newcastle Newtownmountgomery	1.2 m	E

## RAINFALL at ~~fewasile~~ Killadrennan

*County of Wexford*

River Basin Treaty + C - 4

Observer - always Hanan.

D. F. O.B. Kennedy (1921)

$\delta = \delta_0$ ,  $A = \lambda_{\max} / \delta_0$

D.-B. A. Nanau, her J. K.A. (1925)

Rain Gauge, by Cisella

Diameter ...	8		8								
Height .....	1	1	1	1							
Altitude ...	258	260	270	260							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January .....	5.12	2.96	4.30	1.48	7.07	4.16	8.66	3.15	4.36	2.44	5.44
February .....	1.88	1.06	1.98	8.27	1.44	3.94	2.61	3.22	3.79	4.11	1.44
March .....	4.36	2.89	2.41	2.63	1.25	3.37	1.88	3.98	8.59	1.47	4.12
April.....	4.03	.89	3.45	4.23	3.07	2.41	1.84	1.06	2.12	1.45	1.62
May .....	3.00	2.76	.90	1.32	3.35	5.05	2.21	1.44	0.93	2.71	2.69
June .....	1.79	.64	1.06	.81	2.49	1.17	2.38	3.27	5.30	1.61	1.08
July .....	6.50	5.56	2.82	1.85	4.07	2.17	2.17	3.05	0.75	1.97	3.79
August .....	1.90	3.10	5.39	5.71	2.31	1.60	2.60	5.82	4.38	3.36	5.42
September .....	1.12	1.15	3.15	2.05	6.50	2.51	1.09	2.28	0.97	.66	6.29
October.....	8.67	2.57	1.30	3.63	2.08	4.67	2.93	3.95	5.72	2.75	5.24
November .....	3.94	6.44	.82	2.65	4.05	4.39	4.62	3.94	6.10	7.34	4.02
December .....	4.19	2.17	3.39	2.52	6.62	2.80	.55	3.83	4.65	9.79	4.61
TOTALS...	46.40	31.19	30.97	37.15	44.30	34.24	32.54	38.99	47.66	38.66	45.76

1920 Stipple Glps. 3 stories High 30xds N.

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

Date.	Lat. N.	Long. 45	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 5'	6° 6'	Newcastle	3	E	Newcastle	1½	E

## RAINFALL at Newcastle (Killeadreenan) M.W.R.

County of Wicklow

Observer Dr. C. D. M. Hanan

River Basin 4- Valley &amp; C.

The Medical Officer Lat. General

Type of Gauge.

Hospital for Consumption.

Annual Average 36.0 in. based on years obs. un-weighted. Period of average.

Ref. Staff Divn.  
No. 5 (1940)

Diameter	8"										
Height	1' 2"										
Altitude	256'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.90	3.65	2.29	3.91	1.60	6.68	7.14	4.85	6.52	5.34	
February	1.91	3.32	3.94	1.01	3.12	4.06	5.40	1.25	3.59	4.92	
March	4.12	1.71	2.77	3.00	1.06	3.17	5.29	.81	3.50	2.02	
April	4.00	2.95	1.47	3.18	3.31	2.37	3.44	.00	1.72	3.96	
May	5.66	5.04	3.70	2.43	1.01	1.43	2.16	2.67	1.99	.78	
June	4.55	1.35	1.99	2.00	4.03	2.91	.82	2.79	2.25	.79	
July	2.32	3.37	1.77	.69	.96	7.67	2.08	6.39	3.54	3.50	
August	4.55	1.77	0.75	1.44	1.83	.69	1.30	2.69	2.26	.06	
September	6.20	1.10	2.18	3.16	3.88	4.10	3.46	2.63	3.73	1.69	
October	.69	3.04	3.93	3.22	2.38	1.46	3.92	5.34	3.91	9.15	
November	8.19	1.02	1.36	4.10	5.07	3.44	2.47	6.79	5.51	6.19	
December	1.74	6.58	3.06	9.08	2.33	3.46	3.84	6.13	2.81	3.36	
TOTALS	46.83	31.90	29.21	41.25	30.58	41.44	41.32	42.34	41.33	41.76	

Inspected 18/5/33. Rhododendron bush 10 ft. s.w. 7' high, 6' b.c. cut.

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
	53° 5'	6° 6' W.	Newcastle	3m	E	Newcastle	1/2m	E

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.