

RAINFALL AT Newcastle Killadreenan

Lat. _____

Lon. _____

County of Wicklow

Rain Gauge, by _____

Observer D. H. Steele

Vatry 12-14.

Diameter								8			
Height								12			
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	
May80	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 1/2 mile SE

Hospital 40 ft high 90 to 120 ft N

RAINFALL AT Newcastle Killadreenan Commemoration Arch

Lat. Lon. County of Wicklow

Rain Gauge, by

Observer

B. H. Steele Esq M.D.

7. H. Peyton Esq. Mr. S. 94 Moore Dr.

Party + C - 4.

Diameter ..	8									27	Lancelotti	T. Burney (1908)
Height	1 2											
Altitude ..	255 T									270	260	
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	
March89	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	2.216	
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	5.64	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 $1\frac{1}{2}$ miles ^E SE

Hospital 50 ft high 120 ft N
E

1903 Newcastle Station 3 miles S.E.

1906 Total printed 27.38 in error

1908. Observer says "The readings for Jan. & Feb. were made by my predecessor & 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 Int. Kennedy Church 1 mile N.

RAINFALL at Newcastle, Killadreenan

County of Wicklow Observer Dr. J. J. Crowe

River Basin Varty Drain & C. 4

Meteorological Office (1911)

Rain Gauge, by Cassella

Dr. C. Donys Hanson 1913
Dr. O. B. Kennedy 1916

Sur. W. Moore M.D. 1917
Dr. C. Donys Hanson 1919

10

Diameter ...	8										
Height	12				10						
Altitude ...	260T				256		270				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	433	89	622	8.09	1.47	1.61	1.46	1.08	4.27	4.04	
February ...	432	228	559	1.62	3.45	4.77	4.48	1.31	3.61	4.07	
March	225	1.51	438	2.73	3.27	.99	4.23	2.94	1.54	1.84	
April	213	1.86	1.47	3.51	1.29	1.08	1.92	.98	2.16	1.07	
May	178	1.23	1.29	4.70	1.89	1.80	5.82	3.98	2.35	1.85	
June	462	2.19	3.50	1.11	1.27	1.55	2.52	1.66	1.43	1.56	
July	161	2.55	4.06	.33	2.09	5.48	.73	2.04	3.34	.80	
August	559	222	729	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 ...	262	564	222	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 ...	824	938	282	1.15	8.79	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	33.29	36.66

1913 Building 3 Stays high 40 ft high 40 yards N
1914 12 ft 12 yds. SW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1913	53° 5'	6° 6'	Newcastle (1912)	2 m 3 m	E ESE	Newcastle Newtownmountkennedy	1 1/2 m	E

RAINFALL at Newcastle KilladrenanCounty of WicklowObserver D. J. KennedyRiver Basin Tartary + C - 4[D. J. Kennedy (1921)]D. B. D. Hanan, per J. K.A. (1925)Rain Gauge, by Isella

Diameter ...	8			8							
Height	1	1		1	1						
Altitude ...	258	260	270	260							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 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	.37	.88	3.98	8.59	.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	.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...	3.24	5.44	.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
	D	D	D	D	D	D	D	D	D	D	D

1920 Slope 64p. 3 stone high 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.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 5'	6° 6'	Newcastle	3	E	Newcastle	1 1/2	E

RAINFALL at Newcastle (Kilardreenan) M.W.R.County of WicklowObserver Dr. G. Dwyer HananRiver Basin H. Partry & C.The Medical Office, National

Type of Gauge.....

Hospital for ConsumptionAnnual Average 36.0 in. based on years obs. un-weighted. Period of average..... Ref. Staff Instr. 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	3.2	3.94	5.01	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	4.47	1.83	.69	1.30	2.69	2.26	.06	
September	6.20	1.10	2.18	5.16	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. SW. 7' high, 15 ft. 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