

Data rescue in Ireland

Seamus Walsh, Mary Curley and Mairead Treanor.

Met Éireann, Glasnevin Hill, Dublin 9 Ireland.

Data which had been digitised.

name	temporal resolution	temperature	start	end	data gaps (T) (years)	precipitation	start	end	data gaps (T) (years)
Valentia Observatory	daily/subdaily	X	1893	active		X	1893	active	
Birr	daily/subdaily	X	1900	2007		X	1900	2007	
Mailn Head	daily/subdaily	X	1885	active		X	1885	active	
Phoenix Park	daily/subdaily	X	1838	active	yes	X	1831	active	yes

Data not yet digitised

- All observational data from non-synoptic stations pre 1961 for temperature and pre 1941 for rainfall.
- Approximately 150-200 stations for rainfall of varying length (1 year to approximately 60 years)
- Approximately 70-100 for temperature.
- Some stations have additional information such as weather type, pressure, wind speed and direction, humidity and sunshine etc.



Recent work

- Archivists from a private company have catalogued our daily and monthly rainfall station data.
- This data is now safely stored and we plan to start digitising some of the longer series in 2014.

An example of cataloguing of monthly rainfall data from stations in County Wexford.

Met Éireann						
Climate Division						
County Wexford						
Reference Code: RR/M/7						
Station # reference	Series	Date (Early) Year only	Date (late) Year only	Missing Years	Creator	Scope and Content
RAF Met Station	Rainfall Registers	1918	1919		Irish Meteorological Service	
Ballindoney House	Rainfall Registers	1894	1920	1909	Irish Meteorological Service	
Ballyhyland	Rainfall Registers	1865	1919	1909	Irish Meteorological Service	
Blackwater	Rainfall Registers	1864	1864		Irish Meteorological Service	
Castle Boro, Enniscorthy	Rainfall Registers	1876	1881		Irish Meteorological Service	There are notes attached to documents.
Monksgrange, Enniscorthy	Rainfall Registers	1893	1923	1909-1911, 1921, 1922	Irish Meteorological Service	
Mourat Rectory, Enniscorthy	Rainfall Registers	1903	1908		Irish Meteorological Service	
Woodbrook	Rainfall Registers	1902	1923	1921, 1922	Irish Meteorological Service	
Summerville	Rainfall Registers	1908	1923	1909, 1921, 1922	Irish Meteorological Service	
Grange Killan, Enniscorthy	Rainfall Registers	1892	1892		Irish Meteorological Service	
Milton Castle, Enniscorthy	Rainfall Registers	1874	1879	1875, 1876	Irish Meteorological Service	
Fethard Rectory	Rainfall Registers	1908	1908		Irish Meteorological Service	
Fethard On Sea	Rainfall Registers	1910	1918		Irish Meteorological Service	
Courtown House, Gorey	Rainfall Registers	1864	1920	1909	Irish Meteorological Service	
Wells Gardens, Gorey	Rainfall Registers	1883	1923	1888, 1909, 1913, 1921,	Irish Meteorological Service	
Johnstown Castle	Rainfall Registers	1912	1923	1916-1922	Irish Meteorological Service	
Longraigue	Rainfall Registers	1873	1920	1907, 1910-1913	Irish Meteorological Service	
Newtownbarry	Rainfall Registers	1923	1923		Irish Meteorological Service	
Reclaimed Land	Rainfall Registers	1861	1908	1878-1901	Irish Meteorological Service	
Wexford	Rainfall Registers	1863	1864		Irish Meteorological Service	
Olma Park District	Rainfall Registers	1885	1896		Irish Meteorological Service	
Bann-aboo	Rainfall Registers	1890	1911	1909	Irish Meteorological Service	
Felt House	Rainfall Registers	1895	1903		Irish Meteorological Service	
Horetown House, New Ross	Rainfall Registers	1878	1881		Irish Meteorological Service	
The Tate, School	Rainfall Registers	1912	1915		Irish Meteorological Service	