

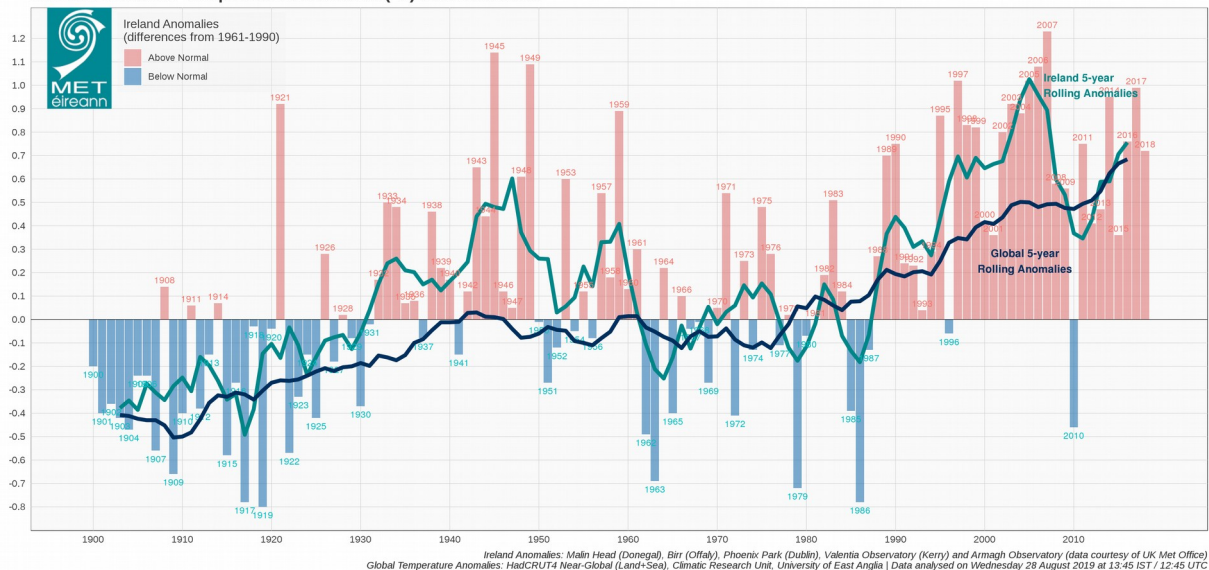
Climatology at Met Éireann

- Met Éireann provides **climatological statistics of national and international importance**, for example the Long-Series Record.
- Climatological analysis typically occurs over periods of 30 years or more.
- There were approximately 500 National Weather Stations operating, at one time or another, between 1961 and 1990.
- In order to analyse the station data for a 30-year period for the purposes of researching **Irish climate change**, this means over **5,000,000 data days** are used.
- Met Éireann provides regular **Weather Statements** and **Event Analysis Reports** from these weather observations during each month, season and year. These are available on www.met.ie or by request from enq@met.ie.
- Met Éireann collaborates closely with **International Weather and Hydrological Services** in exchange of weather and climate data and climatological analysis.
- Met Éireann produces projections of Ireland's future climate.

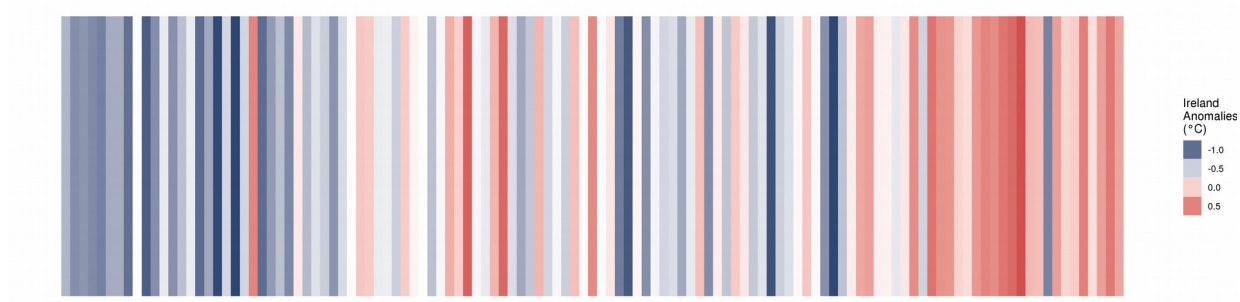
Annual Long-Series Anomaly Temperatures Long-Term-Average period 1961-1990

Anomaly (°C)	Ireland Year(s)
0.8	2007
0.7	1945, 1949
0.6	1997, 2005, 2006, 2017
0.5	1921, 1959, 2003, 2014
0.4	1995, 1998, 1999, 2002, 2004
0.3	1989, 1990, 2011, 2016, 2018
0.2	1943, 1948, 1953, 2008
0.1	1933, 1957, 1971, 1983, 2009
0	1934, 1938, 1944, 1975, 2000, 2012, 2013
-0.1	1961, 1994, 2001, 2015
-0.2	1926, 1939, 1964, 1973, 1976, 1982, 1988, 1991, 1992
-0.3	1908, 1932, 1940, 1942, 1946, 1955, 1958, 1960, 1966, 1984
-0.4	1911, 1914, 1928, 1931, 1935, 1936, 1947, 1950, 1968, 1970, 1978, 1981, 1993
-0.5	1918, 1920, 1929, 1937, 1954, 1956, 1967, 1977, 1980, 1996
-0.6	1900, 1913, 1924, 1927, 1941, 1952, 1974, 1987
-0.7	1905, 1906, 1916, 1951, 1969
-0.8	1901, 1902, 1903, 1910, 1912, 1923, 1930, 1965, 1972, 1985
-0.9	1904, 1925, 1962, 2010
-1	1907, 1915, 1922
-1.1	1909, 1963
-1.2	1917, 1919, 1979, 1986

Ireland Annual Air Temperature Anomalies (°C) 1900 and 2018



Annual Warming Stripes for Ireland
Long-Term-Average period 1961-1990



Where left of graphic starts with 1900 and each block is a year up to and including 2018.