Nearly all seasonal mean air temperatures were below their LTA for spring, with the exception of some stations in Cork, Limerick, Tipperary and Waterford. Monthly mean air temperatures were mainly on or below LTA in March and May, with variable monthly means reported in April. Differences from spring LTAs ranged from -1.3°C at Markree, Co Sligo with a seasonal mean air temperature of 7.6°C to 0.4°C at Waterford (Tycor) with a seasonal mean air temperature of 9.8°C. Seasonal mean air temperatures ranged from 7.3°C at Knock Airport, Co Mayo (difference from LTA -0.5°C) to 10.0°C at Dooks, Co Kerry. Nearly all stations reported cooler spring conditions in 2013. Seasonal highest maximum temperatures were mainly recorded on April 22nd and 23rd and between May 21st and 26th with the highest seasonal temperature of 21.5°C recorded on April 23rd at both Ardfort (Liscahane), Co Kerry and Dooks, Co Kerry. The season’s lowest air and grass temperatures were mainly on March 2nd, 14th, 18th and 19th with spring’s lowest air minimum of -5.1°C reported on March 18th at Casement Aerodrome, Co Dublin, its lowest March minimum in five years. The season’s lowest grass minimum was -9.8°C reported at Thomastown (Mt Juliet), Co Kilkenny on March 19th. The number of days with air frost ranged from zero at around a quarter of stations to 25 days at Markree, Co Sligo, while the number of days with ground frost ranged from seven at Sherkin Island, Co Cork to 54 at Clooosh, Co Galway.

The majority of seasonal rainfall totals were above LTA with below LTA rainfall in parts of southern half of the country. March and April reported variable monthly LTAs, with May reporting mainly above LTA rainfall totals. Percentage of spring LTAs ranged from 64% in the Moannbawn Mountains, Co Wicklow with a total of 214.9 mm to 170% at Crolly (Filterworks), Co Donegal with a total of 479.8 mm, its highest spring rainfall total since the station opened in 1972. Seasonal totals in a low-lying regions (areas below 200m) ranged from 150.6 mm at Gowran, Co Kilkenny to 659.2 mm a Dummin

Tawnyard, Co Mayo. The overall highest spring rainfall accumulation was at the Glentornan Mountains (Grogan More), Co Donegal with 662.6 mm (161% of LTA), its wettest spring on available record since it opened in 1948. Three quarters of stations reported their wettest day during the first 10 days of May with over half reporting theirs on May 2nd. The wettest day of spring was reported at Omeath, Co Louth on May 2nd with 80.6 mm, its wettest spring day on available record since the station opened in 1943. The number of seasonal wet days (days with 1 mm or more) ranged from 26 at Bannow, Co Wexford to 65 at Derrynane Boochary, Co Donegal, its highest amount of spring wet days since 1986.

Sunshine totals were near or above their seasonal LTAs. Both March and April reported above monthly LTA sunshine, with variable LTA sunshine reported in May. Percentage of spring LTA sunshine values ranged from 96% at Knock Airport, Co Mayo (lowest seasonal total of 390.6 hours) to 129% at Dungarvan (Carriglea), Co Waterford (highest seasonal total of 581.0 hours), its sunniest spring in five years. The season’s sunniest day was April 21st at Dublin Airport with 13.9 hours. The number of dull days (days with less than 0.5 hours of sunshine) ranged from nine at Casement Aerodrome, Co Dublin to 26 at Knock Airport, Co Mayo.

Seasonal mean wind speeds ranged from 6.6 knots (12.2 km/h) at Mullingar, Co Westmeath to 15.1 knots (28.0 km/h) at both Mace Head, Co Galway and Malin Head, Co Donegal. Eighteen days had gales, twelve days in March with three days in both April and May. Severe gales were only reported during March on the 1st, 2nd, 3rd, 7th, 9th, 28th, 30th and 31st with the only report of storm strength winds on March 9th. Spring’s highest gust and highest 10-minute wind speed were both at Malin Head with spring’s highest gust of 65 knots (120 km/h) on March 31st and the highest 10-minute wind speed of 49 knots (91 km/h) on March 9th.