



# DECEMBER 2019

## METDESK MONTHLY SUMMARY

**MILD AND OFTEN UNSETTLED FOLLOWING A COLD START WITH FREQUENT SPELLS OF RAIN SPREADING EASTWARDS. A COOLER INTERLUDE DURING THE THIRD WEEK WITH SOME SNOW IN THE NORTH. VERY MILD DURING THE CLOSING DAYS, WITH RECORD BREAKING WARMTH ACROSS SCOTLAND.**

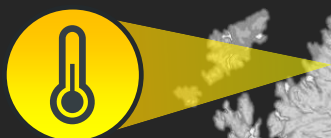
December began on a quiet note with generally settled conditions from a ridge of high pressure that built across the country. It was also rather cold, with the lowest temperatures of the month recorded for most parts of the UK with Tulloch Bridge recording a minimum of  $-10.3^{\circ}\text{C}$  on the morning of the 1<sup>st</sup>. From the 4<sup>th</sup> onwards conditions turned much more unsettled and was the start of a three-week period of frequent depressions tracking eastwards across the country. The period between the 5<sup>th</sup>-11<sup>th</sup> was particularly wet across north-west Scotland with many stations recording between 100-200mm during the seven-day period. Culminating in 71.4mm within 24 hours at Achnagart on the 7<sup>th</sup>. Following the very wet period, there was a colder interlude towards the end of the second week as winds swung round to the north and west. This brought sleet and snow showers to Scotland and northern parts of England. It turned milder and unsettled from the 18<sup>th</sup> with further spells of rain spreading north-eastward. A short-lived colder spell developed heading into Christmas, mainly affecting Scotland, as a brief incursion of colder north-westerly as high pressure built in from the west. The closing days of the month, however saw a rapid turnaround in temperatures, notably once again in Scotland. The same area of high pressure strengthened and extended into Scandinavia, leaving much of the UK in a very mild south-westerly airflow. This produced some damp and drizzly conditions in the west, where in Scotland, the combination of a brisk moisture laden airflow pushing into the western Highlands, saw the development of Fohn wind. This meant areas downwind of the mountains saw a dramatic rise in temperature, with temperatures soaring to  $18.7^{\circ}\text{C}$  at Achfary, Sutherland. Some locations in eastern Scotland even saw temperatures in the mid-teens Celsius during the middle of the night. The temperature of  $18.7^{\circ}\text{C}$  recorded at Achfary broke the previous record high for the UK for the month of December, the previous record being a maximum of  $18.3^{\circ}\text{C}$  set in December 1948.

# DECEMBER 2019



18.7°C

**HIGHEST TEMPERATURE**  
**NEW DECEMBER RECORD**  
ACHFARY, SUTHERLAND  
28<sup>TH</sup> DECEMBER



-10.3°C

**LOWEST TEMPERATURE**  
TULLOCH BRIDGE, INVERNESSHIRE.  
1<sup>ST</sup> DECEMBER



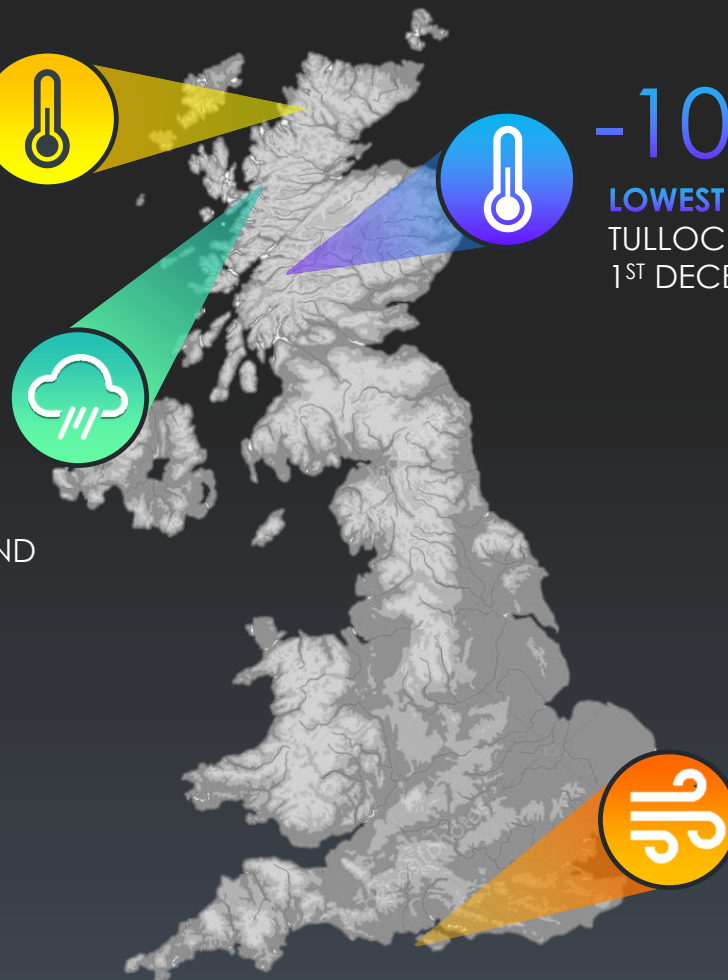
71.4mm

**HIGHEST 24HR RAINFALL**  
ACHNAGART, SUTHERLAND  
7<sup>TH</sup> DECEMBER



83mph

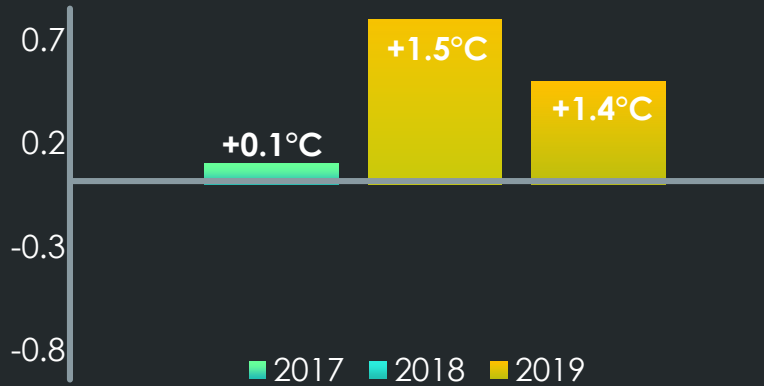
**HIGHEST WIND GUST**  
NEEDLES, ISLE OF WIGHT  
8<sup>TH</sup> DECEMBER



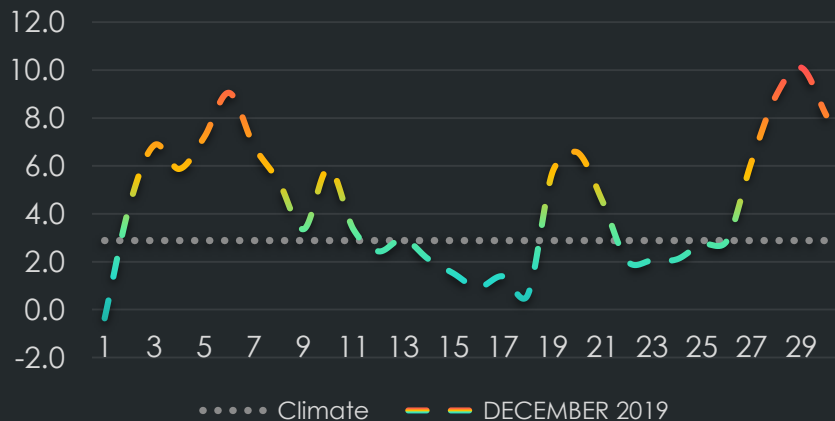
# REGIONAL SUMMARY – SCOTLAND



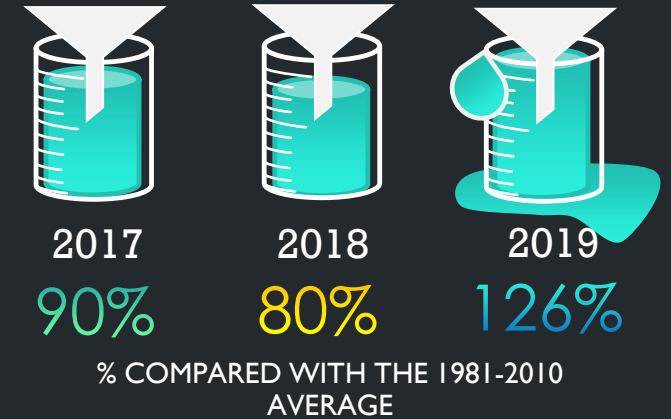
## MEAN TEMPERATURE ANOMALY



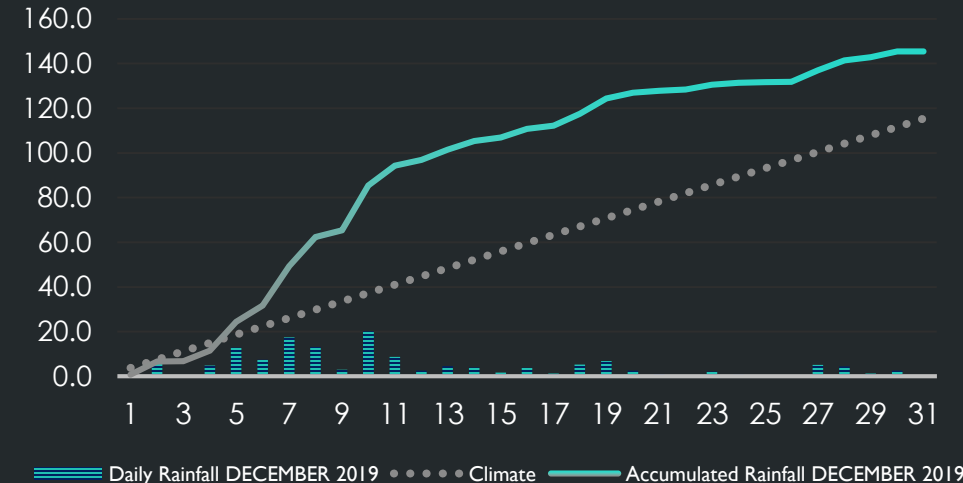
## SCOTLAND MEAN DAILY TEMPERATURE



## MEAN RAINFALL



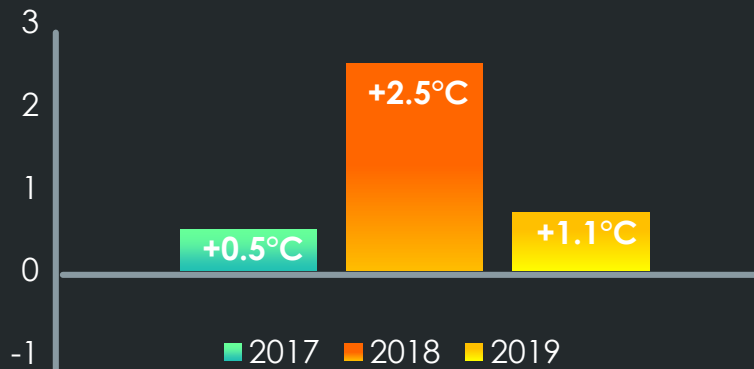
## SCOTLAND MEAN DAILY RAINFALL



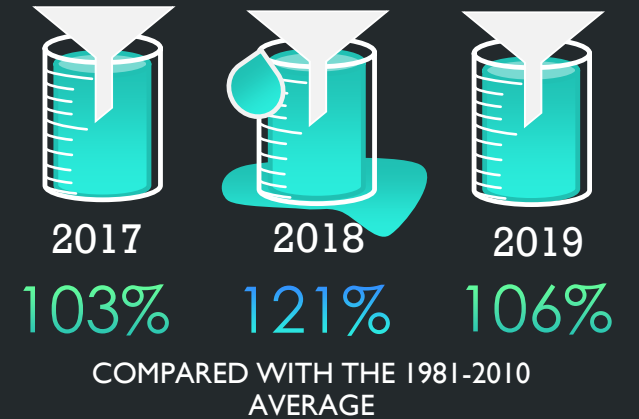
# REGIONAL SUMMARY – WALES



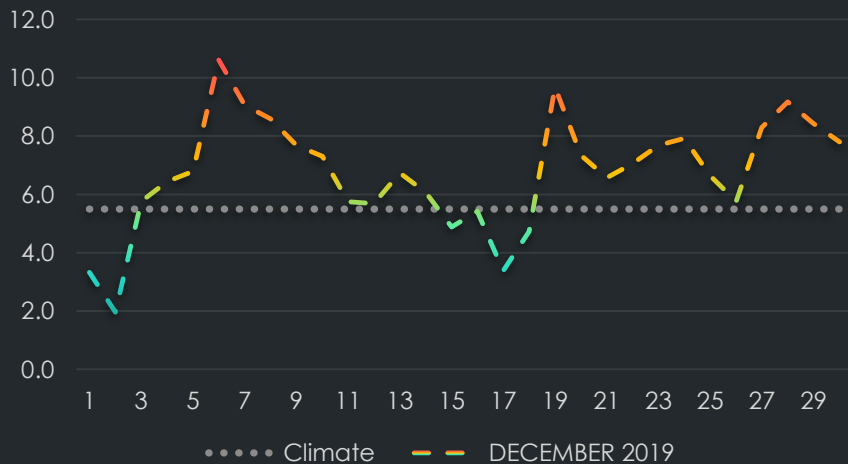
## MEAN TEMPERATURE ANOMALY



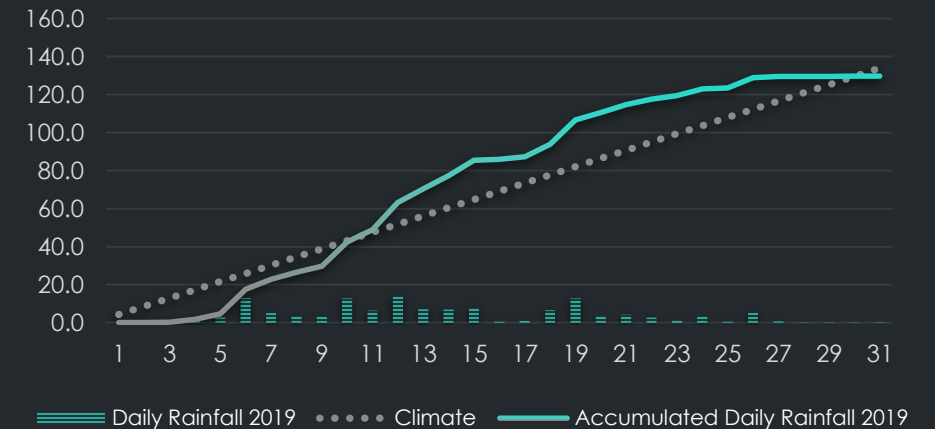
## MEAN RAINFALL



## WALES MEAN DAILY TEMPERATURE



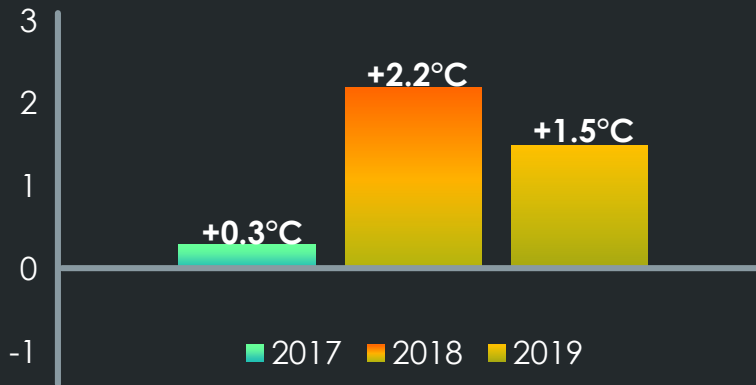
## WALES MEAN DAILY RAINFALL



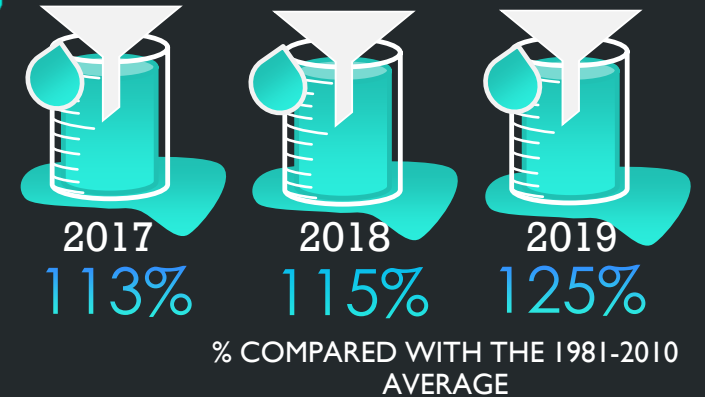
# REGIONAL SUMMARY – ENGLAND



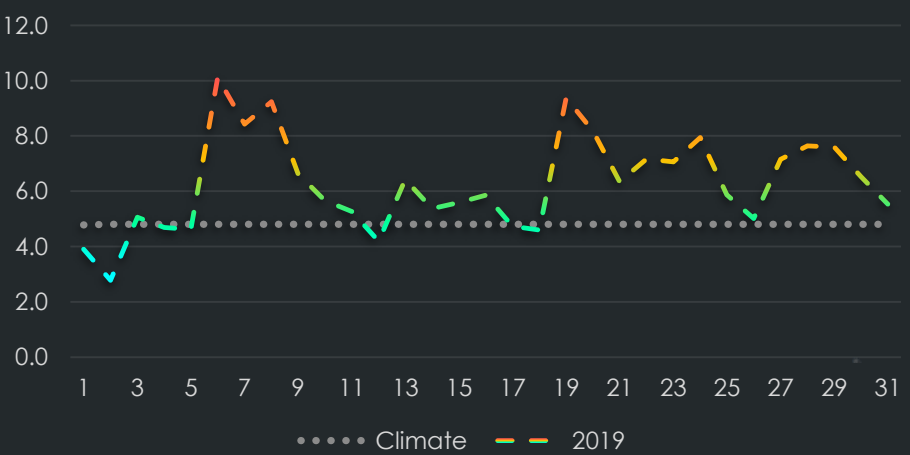
## MEAN TEMPERATURE ANOMALY



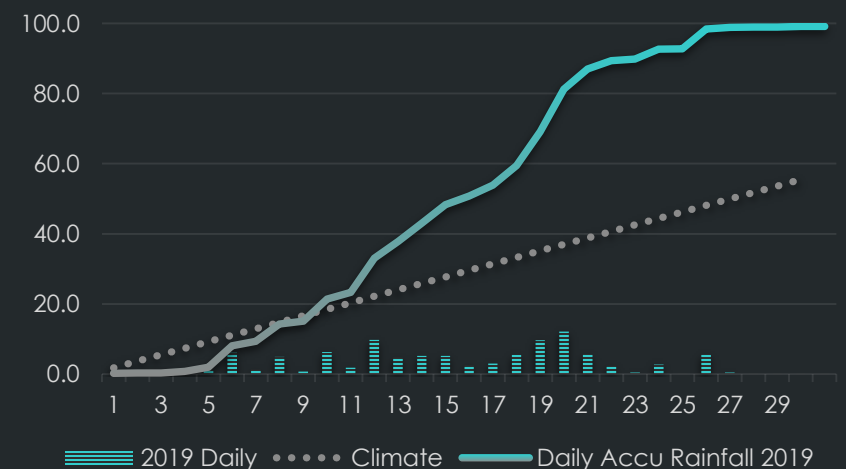
## MEAN RAINFALL



## ENGLAND MEAN DAILY TEMPERATURE



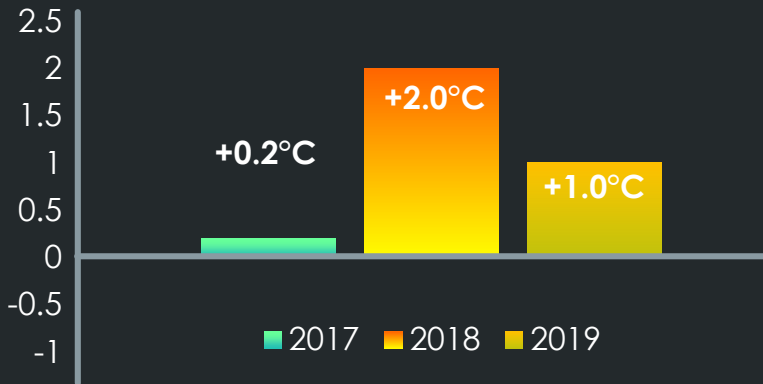
## ENGLAND MEAN DAILY RAINFALL



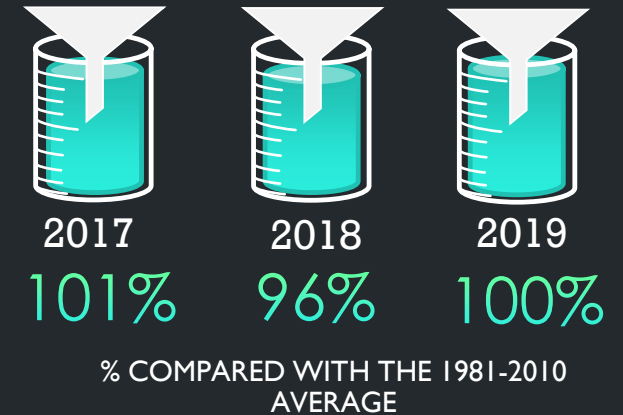
# REGIONAL SUMMARY – N IRELAND



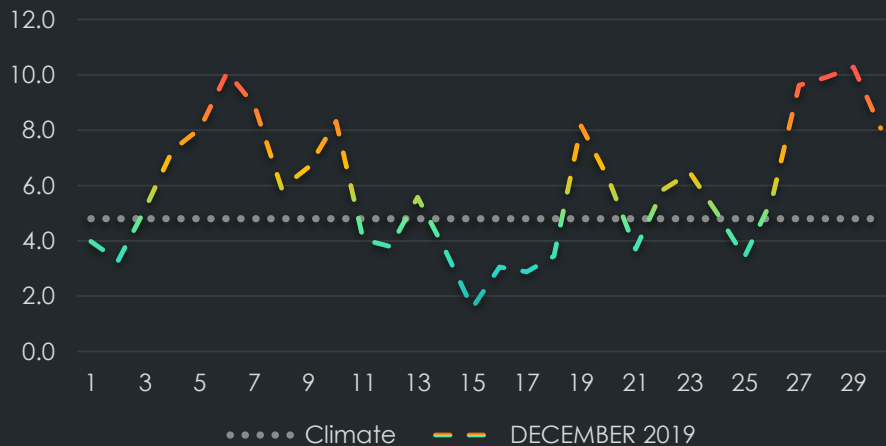
## MEAN TEMPERATURE ANOMALY



## MEAN RAINFALL



## N IRELAND MEAN DAILY TEMPERATURE



## N IRELAND MEAN DAILY RAINFALL

