



Communicating the state of UK Climate

Mark McCarthy

Met Office, Hadley Centre, Exeter, United Kingdom (mark.mccarthy@metoffice.gov.uk)

In order to communicate the ongoing monitoring of UK Climate, the Met Office produce an annual State of the UK Climate publication each year since 2014. This provides an accessible and up-to-date assessment of UK trends, variations and extremes based on the most up to date observational datasets of climate quality. This annual report is produced as a key climate monitoring product for the Met Office Public Weather Service, Hadley Centre Climate Programme and UK Climate Projections (UKCP18) project. As such it is part of a wider activity for how we communicate to UK society about our changing climate through a range of media. The 2018 publication includes climatological context of major climate events including the cold easterly weather of late February and March dubbed the "beast from the east", and the joint hottest summer on record for the UK. In November 2018 a supplementary report on UK climate extremes was also released.

One of the challenges for this activity is that our user community is very diverse, with a customer requirement to serve a wide spectrum of public, government, private sector and academia. In this presentation we will discuss the current process and structure for how we produce a suite of climate monitoring outputs for the UK, along with a critical discussion about the lessons learned and the major challenges faced in trying to communicate to a wide and varied audience. A key consideration is what as National Meteorological Services we could do to improve communication of climate monitoring.