

Current and planned activities of the SCAR expert group on operational meteorology in the Antarctic (OpMet) and the WMO panel of experts on polar and high mountains observations, research and services (EC-PHORS).

Steve Colwell

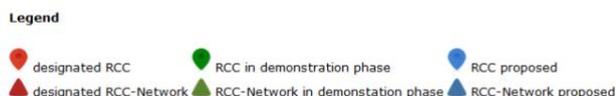
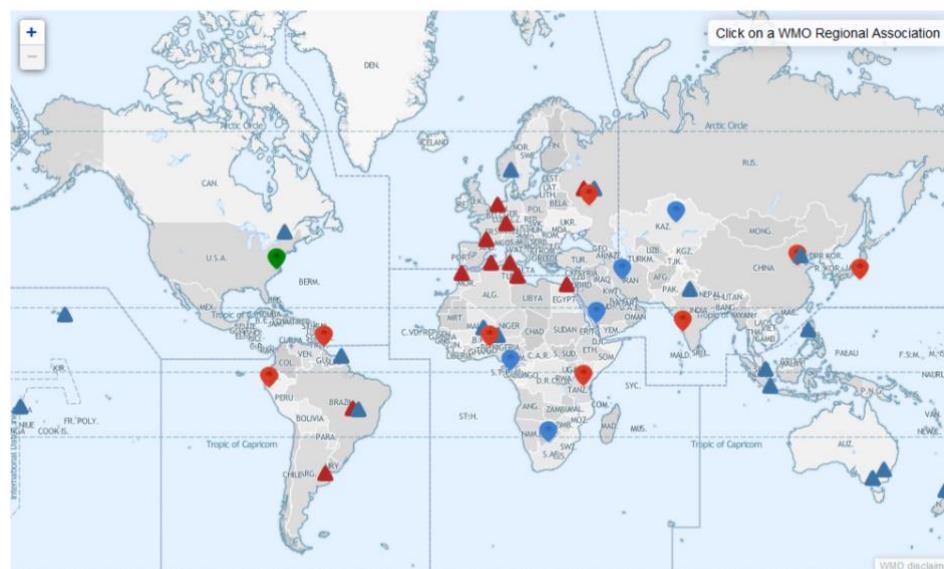
British Antarctic Survey

The two groups maintain a combined webpage that provide graphical plots of the data coming from Antarctica see https://legacy.bas.ac.uk/met/jds/met/SCAR_oma.htm, these can be used for operators to check the quantity and quality of the data that they are sending out. The page also contains links to other operational meteorology web pages and online data products.

Upcoming plans are to try and get WIGOS compliance for Antarctica. WIGOS is the WMO Integrated Global Observing System, this has two main strands, quality control and metadata collection.

The required quality control is already carried out at the British Antarctic Surveys (BAS) and are we would like to encouraging the Antarctica station operators to update their stations metadata relating to their meteorological observing program that is held in the OSCAR database at <https://oscar.wmo.int/surface//index.html#/>. If we can achieve WIGOS compliance then Antarctica will be the first region in the world to do this.

The other thing that is being investigated is setting up an Antarctica Regional Climate Centre (RCC). There are several of these around the world see below.



They are responsible for things like producing long term (monthly and season) forecasts and also the verification of these against the in-situ observations. The Arctic one has just gone operational at <https://arctic-rcc.org/> but we feel that we need to have a scoping workshop to assess the needs from the Antarctica community and to allow us to engage with all of the relevant stakeholders.

It is planned to hold the scoping workshop in June or July 2019 and a meeting paper has been added to the COMNAP AGM and there is a poster about it at POLAR 2018 in Davos.

More information about WIGOS and the proposed Antarctic RCC will be presented at the workshop.