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Met Office Space Weather Research Team - Group Award (G)

The Met Office Space Weather Research Team is awarded the Group Award in Geophysics for their outstanding achievements in advancing space weather research. Since its opening in 2014, the team has established itself as a leader in space weather science in the United Kingdom and internationally, particularly with regards to its support to operational forecasting. The team now plays a critical role in translating scientific knowledge into operational services. It therefore acts as an important bridge between academia and operations, enabling UK research to reach maximum impact. Among many examples, the research team have been instrumental in developing the £20 million Space Weather Instrumentation, Measurement, Modelling and Risk (SWIMMR) programme, with important contributions including the SWIMMR-1 radiation monitor, and models of the solar wind, magnetosphere, ionosphere and upper atmosphere. They have also demonstrated their leadership and commitment to the community by hosting the new conference series "UK Space Weather and Space Environment Meeting," and by contributing to its scientific committee. Altogether, the Met Office Space Weather Research Team has become an extremely well-respected organisation with demonstrated expertise in development, research to operations and outreach, and can be considered a model for similar groups internationally.