

ANNEX IV

Annex to paragraph 3.7.11 of the general summary

GLOBAL PREPAREDNESS FOR SPACE WEATHER HAZARDS

The participants in the Cg-XVI Side Event on Space Weather acknowledged:

- The increasing risks of Space Weather events to all WMO Members due to the increasing reliance on advanced technologies;
- The diversity of sectors impacted by Space Weather, including: navigation, communication, electric power, pipelines, satellites, and aviation, as well as the impacts on core meteorological observations;
- The actions being taken today by industries and governments to prepare for, and respond to, Space Weather storms and related indirect hazards;
- The progress already achieved in establishing ground-based and space-based observing networks;
- The progress already achieved in establishing a framework of Space Weather prediction and service centres;
- The need for coordinated near-term and far-term actions in order to plan and implement capabilities that will meet regional and global Space Weather requirements, as identified in the WMO Rolling Review of Requirements (RRR) in a sustained, comprehensive, robust, efficient and integrated fashion;
- The capacity of WMO Members to contribute to a globally coordinated system of observations and services, relying on their national R&D and operational assets, as well as on international partnerships;
- The benefits that can accrue to all WMO Members from increased WMO coordination of Space Weather activities;
- The need to raise awareness, advocate the benefits, and provide training so that WMO Members can take advantage of coordinated Space Weather activities.

The participants in the Cg-XVI Side Event on Space Weather therefore recommended:

- To develop and implement near-term and far-term action plans that will enable Members to determine needs and requirements, and to benefit from existing services;
- That WMO Members will contribute, where possible, to enhance regional and global capabilities, including observation collection and information delivery;
- That Cg-XVI request the development of action plans, including training and education, and the implementation of a coordinated strategy for Space Weather.