

International MET updates

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Meteorology Panel Highlights

The 5th MET Panel meeting was held in June 2021:

- ➔ Panel has approved provisions for next Annex 3 amendment (Nov 2023), including:
 - Split out of Annex 3 ‘means of compliance’ into a separate PANS-MET.
 - Introduction of Volcano Observatory Notice to Aviation (VONA) as a ‘recommended practice’.
 - Introduction of a quantitative volcanic ash information service.

Meteorology Panel Highlights

➔ METP/5 outcomes cont...

- Investigation of user requirements for standards in the visualisation of digital MET information.
- Proposed removal of provisions for the dissemination of space weather information via NOTAM.
- Planned World Area Forecast System (WAFS) upgrades
- Further development of the Hazardous Weather Information System (HWIS)
- Development of the aerodrome observation in IWXXM

Meteorology Panel Highlights

- ➔ METP/5 also saw the retirement of NZ Chair Peter Lechner. The new Chair is Pat Murphy, USA.
- ➔ Paula Acethorp has been nominated as the new NZ expert member of the METP, with work stream advisors from MetService to assist in further development of the MET system.
 - Paula will continue to lead the work of the International Airways Volcano Watch work stream of the METP MET Operations Group.

MET Sub-Group Highlights

Activities in the Asia-Pacific region:

- ➔ Focus on SIGMET coordination across borders (remove/reduce discontinuity in location or altitude of warning area at FIR border).
- ➔ Looking at MET needs for ATM/ATFM.
- ➔ Improving availability and quality of MET information through the region, in both traditional alphanumeric & digital formats.
- ➔ Supporting States who are not meeting the ICAO aviation meteorology requirements through exercises, targeted guidance and facilitating coordination/mentoring with other States.
- ➔ Reinstating volcanic ash exercises and considering space weather exercises.

→ **WMO Governance Reform status**

- Global level completed... Regional level in process
- Standing Committee on Services for Aviation (SC-AVI)
 - Structure: three Expert Teams; Volcanic Sciences for Aviation Advisory Group

→ **WMO Response during the COVID-19 pandemic**

- WMO prepared prelim (online) guidelines to assist AMSPs
- Large impacts on services/users; WMO available to advise Members & their service providers

- **Survey on gender equality in aero met**
 - Closed 31/08/21; 500+ responses; 90+ countries
 - Responses from research scientists, technicians, observers, forecasters, service managers and senior managers
 - Results to contribute to WMO's gender action plans and related initiatives

- **Extraordinary session of Congress (11-22 Oct 2021)**
 - No direct issues addressing aeronautical meteorology
 - WMO Unified Data Policy approved

→ WMO Documentation

- Major reviews of WMO No. 731, 732 (*Service Delivery*) and No. 904 (*Cost Recovery*); expected publication 2022/23
- WMO No. 782 (*Aerodrome Reports and Forecasts: A User's Handbook to the Codes*) – iterative update late 2021/early 2022
- *Long Term Plan for Aeronautical Meteorology (LTP)* update to commence
- Discontinue Technical Regulations (WMO No. 49) Vol II (*Meteorological Service for International Air Navigation*)

→ **WMO useful information**

- Services for Aviation website at <https://www.wmo.int/aviation>
- Biannual newsletter: online & subscribe by aviation@wmo.int
- Training portal at: <https://aviationtraining.wmo.int/moodle/>

Pacific Islands Aviation Weather Services (PIAWS) Panel

- Paula and James members
- PIAWS task team active the last two years:
 - Workplans developed to address meteorological deficiencies of certain Pacific ICAO Member States
 - Regional OPMET Centre (ROC) Wellington providing IWXXM translation services for multiple states across the region