



WP-MIP 5th Project Meeting

Coordinator's Update
19 May 2026

Agenda

- WP-MIP Update (Coordinators)
- Verification Coordination (Barbara)
- SP1 Tracking Data Release (Jan-Huey and Masashi)
- GPCP on the WP-MIP Common Grid (Kathryn)
- Verification Quick-Looks:
 - Australian monsoon (Chen & Debbie)
 - Extreme Weather Bench (Amy)

WP-MIP Archive Updates

Data Additions

Additions can be needed for different reasons:

1. New data provided (e.g. new fields or level type): adds to archive but does not affect any existing data because of by-variable archiving
2. New subproject data provided: data files are updated to include the new data (mostly SP1), with existing fields unchanged

As for new contributions, additions are currently not logged

- The portal is automatically updated when the addition is made, so new queries accurately show what is available in the archive
- Should they be? If you need to use the new data, you will need to download the new files to get it; otherwise, you do not need to take any action. This kind of update occurs weekly across the whole archive, particularly as more SP1 forecasts are added

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Although it minimizes redundancy, combining core and SP datasets was a mistake because it means adding to existing files in the archive: error-prone and potentially confusing. Future WP-MIP iterations should use separate files for modified protocols.

WP-MIP Archive Updates

Data Corrections

The WP-MIP archive has stabilized and has a broad enough user-base that **further changes to existing forecasts are not planned.**

Any problems identified with current forecasts will be corrected in updated versions of the contribution.

All reported problems are aggregated in the [potential problems issue](#), with any related changes documented in the [archive updates issue](#) (closed).

Contributors who have multiple contribution versions should document the differences on [model documentation pages](#).

Recent Issues ([#45](#))

- Large negative values of precipitation in ECCO AI forecasts were identified by Chen Li
- Christopher Subich confirmed that the source was 0 precipitation fields in fine-tuning data from WeatherBench
- No update to WP-MIP data, but a warning has been added to the AI model description page noting the problem with precipitation – all other fields are unaffected
- A couple of take-home points:
 - Get in touch with WP-MIP coordinators if you feel like something is amiss with the data, so that we can share the report / explanation / fix as quickly and broadly as possible
 - This is an interesting (inadvertent) sensitivity test that gives us an indication of sensitivity to “bad” input data and the adjustments to model parameters during fine tuning

Confirming Archive Ingests

- There has been a lot of activity with contributions being added and refined over the last couple of months as more groups are looking at (and requesting) forecasts.
- Tracking through the [github backlog](#) gives allows us to collaborate and document data checking and ingestion.
- We are in the process of building tools to help to identify uploaded forecasts that have not yet been ingested into the archive; however, these tools are not yet ready.
- **Forecast contributors:** please take a couple of minutes to double-check that all the forecasts that you expect to see in the archive are available through the [project data portal](#).

WIPPS AI Technical Guidance

- Members of WP-MIP are leading the drafting of AI Technical Guidance for medium-range predictions for the WMO Integrated Processing and Prediction Systems (WIPPS)
- First drafting meeting was held on 14 April to set objectives and begin work on draft document
- The second drafting team meeting is scheduled for 28 May
- Initial document should be prepared by the middle of the summer, although the format and strategy for future updates has not been defined