

## ON THE DERIVATION OF HOURLY MEAN VALUES WITH INCOMPLETE DATA

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The papers and discussions during the XIIIth IAGA Observatory Workshop in Golden revealed a diverse set of views regarding the problem of computing mean hourly values (MHVs) from one-minute data when some of the minutes are missing during the hour. As a result, a task force was established to look into the problem and report back to IAGA. The group has been in correspondence and is focusing on three main areas of concern:

1. How different institutes compute hourly means when data are missing.
2. The various parameters involved in determining the accuracy of MHVs including, but not limited to latitude, level of magnetic activity, number of missing data points and distribution of those missing data points during the hour(s).
3. How to determine the level of accuracy that can be accepted as a standard.

The presentation will not provide an exhaustive answer to these questions, but rather hopes to elicit suggestions and a broad discussion in order to proceed toward a recommendation.

Observatory data, hourly mean values

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