



Frostpoint hygrometer GDP progression (B3)

Ruud Dirksen
GRUAN Lead Centre, DWD

14th GRUAN Implementation and Coordination Meeting (ICM-14)
Saint Denis, La Reunion
28 Nov- 2 Dec 2022

B3	Frostpoint Hygrometer GDP progression	<p>Milestones in the development of the Frostpoint Hygrometer GDP</p> <p>(a) Paper (Holger's) - review</p> <p>(b) Meeting to: Identify additional personnel (with good knowledge of statistics) to complete task? Scope the necessary work and reach out to ETHZ through Meteoswiss?</p> <p>(c) Report at ICM-14</p>	Dale Hurst; Ruud Dirksen; Takuji Sugidachi	<p>Mar 2022</p> <p>Mar 2022</p> <p>ICM-14</p>
----	--	--	--	---

- Large spread in time zones -> Email discussions
 - Focuss on uncertainty estimation

- Limited time available...

- Personnel changes
 - Retirement Dale Hurst October 2022
 - Engage Yann Poltera, Holger Vömel

	Person in charge	Paper	Technical Document	
CFH	Ruud ? Holger ? Yann ?	Vömel et al. 2016 Poltera ??	Not yet	
FPH	??	Hall et al. 2016	Not yet	
SKYDEW	Takuji S.	Sugidachi et al. (in preparation)	Not yet (in 2023)	

- Is the processing and uncertainty for FPH same as that for CFH?
- Which smoothing methods for the CFH/FPH are better, the gaussian filter or the golden point methods ?
- The data processing and uncertainty estimation must be objective. The goal is an automated quality control.