

WORLD METEOROLOGICAL ORGANIZATION

Meeting report:

Expert Team on Climate Data Development and Stewardship (**ET-DDS**)
Standing Committee on Climate Services (SC-CLI)
SERCOM

06 June 2025, 13:00 – 14:30 Geneva time (11:00- 12:30 UTC)

References

Github: <https://github.com/ET-DRC>

Wiki general: <https://github.com/ET-DRC/Home/wiki>

Wiki DAYCLI: <https://github.com/ET-DRC/DAYCLI-message/wiki>

Shared drive, see at:

<https://community.wmo.int/en/governance/commission-membership/sercom-management-group/standing-committee-climate-services/expert-team-climate-data-development-and-stewardship>

Object: Brainstorming a reference time for daily data

Participants:

Name	P*	Name	P*	Name	P*
Mr Alessandro Spinuso		Mr Jose Guijarro	X	Ms Sandhya Dindyal	X
Mr Ali Eddenjal		Mr Markus ZIESE	X	Mr Tursyn Tillakarim,	
Mr Axel Andersson	X	Mr Peer Hechler	X	Mr Urip Haryoko	X
Ms Cathy Smith		Mr Rachid Sebbari		Mr William Wright	
Mr Denis Stuber	X	Mr Reinaldo Silveira	X		
Ms Ge Peng		Mr Robert Dunn			

Invited:

Byungjun Kim (WMO)

John Kennedy ET-MCCVC (SERCOM)

ET-DATA STANDARDS (INFCOM): Marijana CREPULJA, Sibylle KREBBER, Sergio Feirreira

*P: Present

1 Summary

The aim of this brainstorming was to receive feedback about the DAYCLI message and to pursue its operational rollout. Members of ET-DDS, of the Standing committee of Climate Services (SC-CS) and of the ET-Data Standards were present.

During the first part of the meeting, Denis presented the following points:

- Panorama of the DAYCLI message (function, history, status)
- Proposed modifications for DAYCLI and use cases
- Requested requirements

The presentation is available at: https://github.com/ET-DRC/Home/blob/main/Meetings/2025/20250607_V1-%20DAYCLI.pdf. It highlights 2 requirements: (1) maintaining the integrity of the NMHS's historical daily climate data series and (2) providing a clear process for NMHSs to compile the DAYCLI message.

This was followed by a session of questions and answers, and brainstorming focusing on naming terms for the content of the message.

Marijana CREPULJA, chair of the ET-DATA STANDARDS, informed the group about the timeline for modifying the Manual on Code i.e. mid-July 2025 for the WMO amendment.

The discussion will continue at future ET-Data Standards and ET-DDS meetings to name and clearly define the 2 pieces of information needed:

- The day to which the DAYCLI variables are assigned;
- The time period for each DAYCLI variable.

2 Questions and answers session

At the start of the session, Sergio explained the proposed DAYCLI modifications.

Technical comments and questions were raised during the brainstorming session:

Marcus informed us that, depending on the countries, some are reporting either the beginning time of the period of the precipitation either the end of the precipitation period.

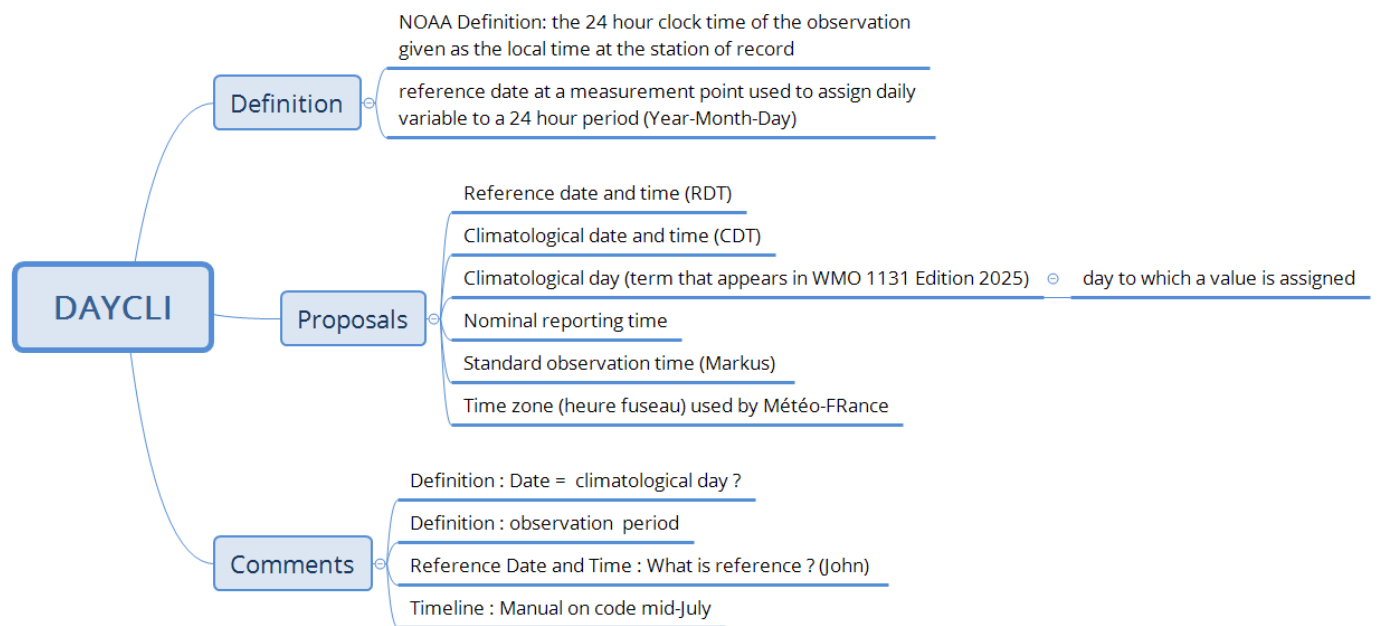
William said that “NMHSs should provide either the start or the end of the climatological day (no need to provide both), and specify whether it is the start or the end. (Alternatively, we could mandate countries to provide only the start or the end). Provided we know what the local start date is, or what the end date is, and the UTC offset for each variable, it seems we have all the information required”.

John: Is there a limitation on bandwidth? What are the downsides of reporting the reporting time every day's data? **Answer:** The modification of the DAYCLI have no influence on the bandwidth or at list it is no significant. The reporting times are, so far, reported, once for the whole month.

Could DAYCLI report parameter with a time duration less than 24 hours? **Answer:** No. It is not the function of DAYCLI which report only 24h time period.

3 Brainstorm the use of time in DAYCLI

The feedback of the brainstorming could be summarized by this map mind designed during the meeting:



The discussion is still in progress and will continue with future meetings. Please, follow the discussion at: <https://github.com/wmo-im/BUFR4/issues/238> .