

Lineage:

- Initial version prepared by Radim and Rashid, Aug 2016
- Substantial edits and moved to new component CDMS Config – Bruce, Jan 2017

User Story**CDMS Config – New Observed variable****Version: 0.4****==== User Story 2 ==== 4.3.2**

Related components: 4.1,4.2, 4.3, 5.1, 5.3, 5.4, 5.5 and others

Related User Stories: CDMS Config – New Data Product Approval

This user story would be constrained by the User Story, CDMS Config – New Data Product Approval.

A climate data manager needs to add a new parameter, measured by new type of sensor. The new parameter uses a new data precision and new unit of measure. Ingested data will need to be quality controlled. Derived observations data such as daily and monthly mean and maximum etc. are to be calculated.

The climate data manager therefore requires functionality to:

- extend the Climate Database's data model;
- define new units, new parameters, new quality control tests, new formula for calculation; and
- store and manage a set of time-series at potentially many sensor locations for the resultant observations and associated derived data.

The climate data manager requires to:

- be able to map the data model to a logical data model that complies with appropriate WMO and open spatial standards in the future; and
- describe the data structure.

==== End =====

Reference: WMO 1131