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| WORLD METEOROLOGICAL ORGANIZATION  COMMISSION FOR BASIC SYSTEMS  -----------------------------  FIRST MEETING OF  INTER-PROGRAMME EXPERT TEAM ON CODES MAINTENANCE  GENEVA, SWITZERLAND, 24 - 28 JULY 2017 |  | IPET-CM-I / Doc. 2.2 (2)  (11.7. 2017)  -------------------------  ITEM 2.2  ENGLISH ONLY |

GRIB

**New GRIB Code Table 4.2 entry**

*Submitted by:* *Enrico Fucile (ECMWF)*

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**Summary and Purpose of Document**

This document proposes a new GRIB Code Table 4.2 parameter

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**ACTION PROPOSED**

Validate the new entry and approve for FT2-2017.

**DISCUSSIONS**

In analogy with other fraction covers like “fraction of cloud cover”, “fraction of convective precipitation” we are proposing to add to code table 4.2 the “fraction of snow cover” that is the fraction of cell or grid box covered by snow. We propose to add the entry in the same category (1 - Moisture) were the snow cover (%) is already defined.

**PROPOSAL**

Add the following entry to GRIB2 Code Table 4.2

Discipline 0 (Meteorological Products), Category 1 (Moisture)

|  |  |  |  |
| --- | --- | --- | --- |
| Number | Parameter | Unit | Description |
| 121 | Fraction of snow cover | Proportion | Fraction (0-1) of the cell / grid-box occupied by snow. |