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| WORLD METEOROLOGICAL ORGANIZATION  COMMISSION FOR BASIC SYSTEMS  -----------------------------  SECOND MEETING OF  INTER-PROGRAMME EXPERT TEAM ON CODES MAINTENANCE  OFFENBACH, GERMANY, 28 MAY - 1 JUNE 2018 |  | IPET-CM-II / Doc. 5.2  16.05.2018  -------------------------  ITEM 5.2  ENGLISH ONLY |

MANUAL ON THE GTS: DATA DESIGNATORS

Global Exchange of daily climate data

*Submitted by William Wright, Australia, on behalf of CCl*

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**Summary and Purpose of Document**

This is to propose a new designator and a sub-category of the BUFR message for "Supplemental daily extreme temperature and precipitation values for monthly climate report" to facilitate global exchange.

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**ACTION PROPOSED**

The meeting is invited to review the proposed new designator for adoption by the fast-track procedure.

**REFERENCE:**

Draft Recommendation 5.1/2 (CCl-17)

**DISCUSSIONS**

The 17th session of the Commission for Climatology (CCl-17) (Geneva, 10 and 13 April 2018) recommended to carry out a one year trial phase of the international exchange of daily climate data, on a voluntary basis, by using the BUFR template 3 07 074 - Supplemental daily temperature and precipitation values for monthly climate report.

**PROPOSAL**

**ADD:**

in the Manual on the GTS (WMO-No. 386), Attachment II-5 (Data designators T1T2A1A2ii in abbreviated headings),

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| T1 | T2 | A1 | ii | Data type | TAC correspondence | Data Category Sub Category (Common Table C13) |
| I | S | C | 60 | Climatic observations (monthly reports of daily climate data) | n/a | 000/021 |

in the Manual on Codes (WMO-No. 306), Volume I.2, Part C,

COMMON CODE TABLE C–13: Data sub-categories of categories defined by entries in BUFR

Table A

DATA CATEGORIES INTERNATIONAL DATA SUB-CATEGORIES

BUFR Edition 4, Octet 11 in Section 1 BUFR Edition 4, Octet 12 (if = 255, it means

other sub-category or undefined)

CREX Edition 2, nnn in Group CREX Edition 2, mmm in Group Annnmmm

Annnmmm of Section 1 of Section 1

Code figure Name Code figure Name (corresponding traditional alphanumeric

codes are in brackets)

0 Surface data – land 21 Climatological observations (monthly reports of daily   
 climate data)