

Extract relating to codes and format from WMO documents

COMMISSION FOR BASIC SYSTEMS

ELEVENTH SESSION

Cairo, 28 October – 7 November 1996

ABRIDGED FINAL REPORT WITH RESOLUTIONS AND RECOMMENDATIONS

WMO - No. 854

GENERAL SUMMARY OF THE WORK OF THE SESSION

6.4 WORLD WEATHER WATCH DATA MANAGEMENT (DM) (agenda item 6.4)

6.4.6 The Commission adopted a new regulation to avoid possible confusion in the radiation groups and groups 5 of section 3 in the FM 12-X Ext. SYNOP, 13-X SHIP and 14-X Ext. SYNOP MOBIL, added entries in a code table for reporting showers or intermittent precipitation by automatic stations, and corrected some inconsistencies in the regulations. The Commission considered the request made by the United States to transmit additional optional national groups in the FM 18-X BUOY code and agreed to add a new optional national section. The Commission considered the requirement expressed by the Operating Consortium of ASDAR Participants (OCAP) Executive Board concerning a problem in reporting an “unsteady” flight phase in the FM 42-IX Ext. AMDAR, which caused the loss of many reports. The Commission adopted a new regulation in FM 42-IX Ext. AMDAR to alleviate that problem. The Commission recommended that some small adjustments be made in the definition of some parameters of FM 71-X CLIMAT.

6.4.7 The Commission agreed on modifications or additions to the Manual on Codes (WMO-No. 306) in paragraphs 6.4.5 and 6.4.6 above and adopted Recommendation 7 (CBS-XI).

RECOMMENDATIONS

RECOMMENDATION 7 (CBS-XI)

AMENDMENTS TO THE MANUAL ON CODES, VOLUME I.1, ALPHANUMERIC CODES AND VOLUME I.2, BINARY CODES AND COMMON CODE TABLS

THE COMMISSION FOR BASIC SYSTEMS,
NOTING:

- (1) Resolution 6 (CBS-X) – Working Group on Data Management,
- (2) The report of the Second Session of the Subgroup on Data Representation (23-26 April 1996),
- (3) The report of the Expert Meeting on Data Management (29 April-2 May 1996),
- (4) The Abridged Final Report of the Tenth Session of the Commission for Basic Systems (WMO-No. 784),
general summary, paragraph 6.4.38,

CONSIDERING the requirements:

- (1) To represent significant synoptic feature in BUFR code,
- (2) To improve identification of satellites and satellite data producers,
- (3) To make necessary small adjustments to alphanumeric codes,

RECOMMENDED that the amendments:

- (1) To FM 94-X Ext. BUFR given in Annex 1 to this recommendation;
 - (2) To the alphanumeric codes: FM 12-X Ext. SYNOP, 13-X SHIP, 14-X Ext. SYNOP MPBILE, FM 18-X BUOY, FM 42-IX Ext. AMDAR, FM 71-X CLIMAT, FM 86-VIII Ext. SATEM, FM 87-VIII Ext. SARAD and FM 88-X SATOB given in Annex 2 to this recommendation;
 - (3) To Common Code Tables given in Annex 3 to this recommendation;
- be adopted for use as from 5 November 1997;

REQUESTS the Secretary-General to arrange for the inclusion of these amendments in Volume I.1 and Volume I.2 of the Manual on Codes.

ANNEX 2 TO RECOMMENDATION 7 (CBS-XI)

CHANGES TO THE MANUAL ON CODES, VOLUME I.1, PART A, ALPHANUMERICAL CODES

Add in FM 12-X Ext. SYNOP, 13-X SHIP and 14-X Ext. SYNOP MOBIL, a new regulation:

12.4.7.1.3 When more than one group $j_1j_2j_3j_4$ is used, these groups shall be included in the order as listed in regulation 12.4.7.1.2 with the supplementary group $j_5j_6j_7j_8j_9$ at the appropriate place.

Add in code table 4680 for $w_a w_a$ – Present weather reported from an automatic weather station:

77	Snow grains
78	Ice crystals
79	Reserved
88	Reserved
89	Hail

Correct the inconsistencies in the following regulations (additions or corrections are in italics):

In 12.2.6.5.4:

“The code figure *04* and *05* shall...”

In 12.2.6.5.7:

“Code figures *20-26* shall...”

In 12.2.6.5.8:

“For $w_a w_a = 20$, visibility...”

In 12.2.6.5.10:

Suppress entirely the second sentence.

In 12.2.6.5.13:

“Code figures *80-89* shall be used only when the precipitation is *intermitted* or of the shower type...”