

COMMON CODE TABLES TO BINARY AND ALPHANUMERIC CODES

Status

COMMON CODE TABLE C–14: *Atmospheric chemical or physical constituent type*

Code Table 0 08 046 in BUFR

Validation

COMMON CODE TABLE C–1: Identification of originating/generating centre

Common Code table F1F2 for alphanumeric codes
 F3F3F3 for alphanumeric codes
 Code table 0 in GRIB Edition 1/Code table 0 01 033 in BUFR Edition 3
 Octet 5 in Section 1 of GRIB Edition 1/Octet 6 in Section 1 of BUFR Edition 3

Code figure for F1F2 Code figure for F3F3F3
 Octet 5 in Section 1 of GRIB Edition 1
 Octet 6 in Section 1 of BUFR Edition 3

Status

NONE

COMMON CODE TABLE C–2: Radiosonde/sounding system used

Common Code table Code table 3685 – rara (Radiosonde/sounding system used) – for alphanumeric codes
 Code table 0 02 011 (Radiosonde type) in BUFR

Date of
 assignment of
 number (necessary
 after 30/06/2007)

Code figure for
 rara
 (Code table 3685)

Code figure for
 BUFR
 (Code table 0 02 011)

Needed
 Needed

21
 49

21
 49

Vacant
 Vacant

Status
 Validation
 Validation

COMMON CODE TABLE C–3: Instrument make and type for water temperature profile measurement with fall rate equation coefficients

Common Code table Code table 1770 – lxlxlx (Instrument type for XBT, with fall rate equation coefficients)
 – for alphanumeric codes
 Code table 0 22 067 (Instrument type for water temperature profile measurement) in BUFR

Code figure for lxlxlx Code figure for BUFR (Code table 0 22 067) Instrument make and type Meaning Equation Coefficients a b

Status

NONE

COMMON CODE TABLE C–4: Water temperature profile recorder types

Common Code table Code table 4770 – XR XR (Recorder type) – for alphanumeric codes
 Code table 0 22 068 (Water temperature profile recorder types) in BUFR

Code figure for XR XR Code figure for BUFR (Code table 0 22 068) Meaning

Status

NONE

COMMON CODE TABLE C–5: Satellite identifier

(8 May 2013)

Common Code table I6I6I6 for alphanumeric codes
Code table 0 01 007 in BUFR
Code used in GRIB Edition 2

Code figure for I6I6I6	Code figure for BUFR (Code table 0 01 007)	Code figure for GRIB Edition 2	Status
NONE			

COMMON CODE TABLE C-7: *Tracking technique/status of system used*

Common Code table Code table 3872 – sasa for alphanumeric code
Code table 0 02 014 in BUFR

Code figure for sasa	Code figure for BUFR (Code table 0 02 014)	Status
NONE		

COMMON CODE TABLE C-8: *Satellite instruments*

Common Code table Code table 0 02 019 in BUFR

Code	Agency	Type	Instrument short name	Instrument long name	Status
NONE					

COMMON CODE TABLE C-11: *Originating/generating centres*

Common Code table BUFR 0 01 035
CREX Edition 2, ooooo in Group Pooooopp in Section 1
GRIB Edition 2, Octets 6–7 in Section 1
BUFR Edition 4, Octets 5–6 in Section 1

CREX Edition 2 B 01 035 (5 characters) and Group 3 in Section 1	GRIB Edition 2 Octets 6–7 in Section 1 BUFR Edition 4 0 01 035 (16 bits) and Octets 5–6 in Section 1	Status
NONE		

COMMON CODE TABLE C–12: *Sub-centres of originating centres defined by entries in Common Code tables C–1 or C–11*

ORIGINATING CENTRES C–1, C–11 or C–12		SUB-CENTRES		
		BUFR 0 01 034 BUFR Edition 3, Octet 5 in Section 1 BUFR Edition 4, Octets 7–8 in Section 1 GRIB Edition 1, Octet 26 in Section 1 GRIB Edition 2, Octets 8–9 in Section 1 CREX Edition 2, ppp in Group Poooooppp in Section 1		
Code figure	Name	Code figure	Name	Status
NONE				

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

DATA CATEGORY BUFR Edition 4, Octet 11 in Section 1 CREX Edition 2, nnn in Group Annnmmm of Section 1		INTERNATIONAL DATA SUB-CATEGORY BUFR Edition 4, Octet 12 (if = 255, it means other sub-category or undefined) CREX Edition 2, mmm in Group Annnmmm of Section 1		
Code figure	Name	Code figure	Name (corresponding traditional alphanumeric codes are in bracket)	Status
NONE				

COMMON CODE TABLE C–14: *Atmospheric chemical or physical constituent type*

Common Code table Code Table 4.230 in GRIB Edition 2

Code figure	Meaning	Chemical formula	Status
62019	Reserved		Validation
62020	Smoke – high absorption		Validation
62021	Smoke – low absorption		Validation
62022– 65534	Reserved		Validation