

**BUFR TABLES RELATIVE TO SECTION 3****Class 03 – BUFR/CREX Instrumentation**

TABLE REFERENCE F X Y	ELEMENT NAME	BUFR				CREX			Identifier
		UNIT	SCALE	REFERENCE VALUE	DATA WIDTH (Bits)	UNIT	SCALE	DATA WIDTH (Characters)	
0 03 002	Type of humidity sensor	Code table	0	0	5	Code table	0	2	2015-3.2.15(DRMM-III)
0 03 013	Type of thermometer	Code table	0	0	3	Code table	0	1	2015-3.2.15(DRMM-III)

**Class 13 – BUFR/CREX Hydrographic and hydrological elements**

TABLE REFERENCE F X Y	ELEMENT NAME	BUFR				CREX			Identifier
		UNIT	SCALE	REFERENCE VALUE	DATA WIDTH (Bits)	UNIT	SCALE	DATA WIDTH (Characters)	
0 13 161	pH scale	Code table	0	0	3	Code table	0	1	2016-3.2.7(DRMM-IV)

**Class 29 – BUFR/CREX Map data**

TABLE REFERENCE	ELEMENT NAME	UNIT	SCALE	BUFR		UNIT	CREX		Identifier
				REFERENCE VALUE	DATA WIDTH (Bits)		SCALE	DATA WIDTH (Characters)	
0 29 010	Semi-major axis of rotation ellipsoid	m	2	0	33	m	0	11	2015-3.2.8(DRMM-III)
0 29 011	Semi-minor axis of rotation ellipsoid	m	2	0	33	m	0	11	2015-3.2.8(DRMM-III)
0 29 015	X-offset (see Note 1)	m	2	-3355443200	33	m	0	12	2015-3.2.8(DRMM-III)
0 29 016	Y-offset (see Note 1)	m	2	-3355443200	33	m	0	12	2015-3.2.8(DRMM-III)
0 29 017	Geographic projection as projection initialisation string	CCITT IA5	0	0	800	Character	0	100	2015-3.2.8(DRMM-III)

**Class 41 – BUFR/CREX Marine bio-geochemical data**

TABLE REFERENCE F X Y	ELEMENT NAME	BUFR			UNIT	CREX			Identifier
		UNIT	SCALE	REFERENCE VALUE		SCALE	DATA WIDTH (Bits)	DATA WIDTH (Characters)	
0 41 004	Atmospheric CO2	‰	5	30000	‰	5	15	5	2015-3.2.15(DRMM-III)
0 41 006	Backscattering	m <sup>-1</sup>	5	0	m <sup>-1</sup>	5	19	6	2016-3.2.7(DRMM-IV)

(6 May 2020)

## Class 42 – Oceanographic elements

[illegible]