

World Meteorological Organization

BUFR TABLE RELATIVE TO SECTION 1 (*Version 14-11/2008*)

BUFR Table A — *Data category*

Code figure	Meaning
0	Surface data — land
1	Surface data — sea
2	Vertical soundings (other than satellite)
3	Vertical soundings (satellite)
4	Single level upper-air data (other than satellite)
5	Single level upper-air data (satellite)
6	Radar data
7	Synoptic features
8	Physical/chemical constituents
9	Dispersal and transport
10	Radiological data
11	BUFR tables, complete replacement or update
12	Surface data (satellite)
13	Forecasts
14	Warnings
15–19	Reserved
20	Status information
21	Radiances (satellite measured)
22	<i>(Awaiting validation) Radar (satellite) but not altimeter and scatterometer</i>
23	<i>(Awaiting validation) Lidar (satellite)</i>
24	<i>(Awaiting validation) Scatterometry (satellite)</i>
25	<i>(Awaiting validation) Altimetry (satellite)</i>
26	<i>(Awaiting validation) Spectrometry (satellite)</i>
27	<i>(Awaiting validation) Gravity measurement (satellite)</i>
28	<i>(Awaiting validation) Precision orbit (satellite)</i>
29	<i>(Awaiting validation) Space environment (satellite)</i>
30	<i>(Awaiting validation) Calibration datasets (satellite)</i>
31	Oceanographic data
32–100	Reserved
101	Image data (satellite)
102–239	Reserved
240–254	For experimental use
FOR BUFR EDITION 3:	
255	Indicator for local use, with sub-category
FOR BUFR EDITION 4:	
255	Other category

Note (*for BUFR Edition 3*): In data category 255, the local data category may be described by BUFR, Section 1, octet 10.