

Attachment II

LIST OF ALPHANUMERIC CODE TABLES RELATED TO BUFR AND CREX CODE TABLES AND FLAG TABLES

BUFR/CREX code or flag table	Related code table, regulation or code form in alphanumeric codes	Remarks
0 01 003	A ₁ – Code table 0161	—
0 01 007	I ₆ I ₆ I ₆	Common Code table C–5
0 01 031	F ₁ F ₂ , F ₃ F ₃ F ₃	Common Code table C–1
0 01 032	—	Defined by originating/generating centre
0 01 033	F ₁ F ₂ , F ₃ F ₃ F ₃	Common Code table C–1
0 01 034	F ₁ F ₂ , F ₃ F ₃ F ₃	See Common Code table C–12
0 02 001*	i _x – Code table 1860	—
0 02 002	i _u – Code table 1853	—
0 02 003	a ₄ – Code table 0265	—
0 02 004	i _E – Code table 1806	—
0 02 011	r _a r _a – Code table 3685 (0–89)	Defined in common Code table C–2
0 02 012	—	To be developed
0 02 013	s _r – Code table 3849	—
0 02 014	s _a s _a – Code table 3872	—
0 02 015	r _a r _a – Code table 3685 (91–95)	Defined in common Code table C–2
0 02 016	—	—
0 02 019	—	Common Code table C–8
0 02 021	I ₃	—
0 02 022	I ₄ – Code table 1765	—
0 02 023	w _i – Code table 4639	—
0 02 030	k ₅ – Code table 2266	—
0 02 031	k ₃ – Code table 2264	—
	k ₄ – Code table 2265	
0 02 032	k ₁ – Code table 2262	Numerical variation in each table
0 02 033	k ₂ – Code table 2263	—
0 02 034	X _t X _t – Code table 4780	—
0 02 038	s _s – Code table 3850	—
0 02 039	s _w – Code table 3855	—
0 02 040	k ₆ – Code table 2267	—
0 02 042	i _c – Code table 1833	—
0 02 044	I _m – Code table 1744	—
0 02 045	I _p – Code table 1747	—
0 02 051	i _y – Code table 1857	—
0 02 061	s ₁ – Code table 3866	—
0 02 062	s ₂ – Code table 3867	—
0 02 149	B _t B _t – Code table 0370	Additional entries in Code table 0 02 149
0 02 160	R _w – Code table 3555	—

* See note at the end of this attachment.

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0 04 059	g – Code table 1400	More flexible than Code table 1400
0 04 080	m _S , m _T , m _C – Code table 2604	—
0 08 001	TEMP/TEMP SHIP – Sections 2 to 6	—
0 08 002	SYNOP/SHIP – Regulation 12.4.10.1	—
0 08 004	AMDAR – Regulation 42.2	—
0 08 009	i _p i _p i _p – AMDAR	—
0 08 011	F _t – Code table 1152	—
0 08 014	METAR/SPECI – Regulation 15.7.6	—
0 08 016	METAR/SPECI – Regulation 15.14	—
0 08 017	METAR/SPECI – Regulation 15.14.3	—
0 08 050	CLIMAT – Qualifier for number of missing values	—
0 08 052	CLIMAT – Condition for which number of days of occurrence	—
0 08 053	CLIMAT – Day of occurrence	—
0 08 054	METAR/SPECI – Regulation 15.5.6	—
0 08 079	METAR/SPECI/TAF – Product status	—
0 10 063	a – Code table 0200	—
0 11 031	i – Code table 1800	—
	B _A – Code table 0302	—
0 13 041	s _p – Code table 3847	—
0 13 051	R _d – Code table 3534	—
0 19 100	t _e – Code table 4035	—
0 19 101	A _C – Code table 0104	—
0 19 102	S _C – Code table 3704	—
0 19 103	W _C – Code table 4504	—
0 19 104	a _C – Code table 0204	—
0 19 105	r _t – Code table 3652	—
0 19 107	t _m – Code table 4044	—
0 19 108	A _t – Code table 0152	—
0 19 109	W _f – Code table 4536	—
0 19 110	a _t – Code table 0252	—
0 20 003*	ww – Code table 4677	—
	w _a w _a – Code table 4680	—
	w ₁ w ₁ – Code table 4687	—
0 20 004	W ₁ – Code table 4561	—
	W _{a1} – Code table 4531	—
0 20 005	W ₂ – Code table 4561	—
	W _{a2} – Code table 4531	—
0 20 009	METAR/SPECI	—
0 20 011	N – Code table 2700	—
0 20 012	C – Code table 0500	—
	C _H – Code table 0509	—
	C _M – Code table 0515	—
	C _L – Code table 0513	—
0 20 017	C _t – Code table 0552	—
0 20 018	METAR/SPECI – Regulation 15.7.4.3	—
0 20 032	R _S – Code table 3551	—
0 20 033	I _S – Code table 1751	—
0 20 034	c _i – Code table 0639	—

* See note at the end of this attachment.

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BUFR/CREX code or flag table	Related code table, regulation or code form in alphanumeric codes	Remarks
0 20 035	b _i – Code table 0439	—
0 20 036	z _i – Code table 5239	—
0 20 037	S _i – Code table 3739	—
0 20 040	S' ₈ – Code table 3776	—
0 20 041	I _c – Code table 1733	Additional entries in Code table 0 20 041
0 20 055	C _s – Code table 430 (Vol. II)	—
0 20 062	E – Code table 0901	—
	E' – Code table 0975	—
0 20 063	S _P S _P S _P S _P – Code table 3778	—
	A – Code table 0101	—
	A ₃ – Code table 0163	—
	C _c – Code table 0533	—
	S ₀ – Code table 3761	—
	S _q – Code table 3848	—
	T _w – Code table 3955	—
	Z ₀ – Code table 5161	—
0 20 071	A _i – Code table 0139	—
0 20 085	METAR/SPECI – Regulation 15.13.6.1	—
0 20 086	E _R – Code table 0919	—
0 20 087	C _R – Code table 0519	—
0 20 089	B _R B _R – Code table 0366	—
0 20 090	C _s – Code table 0521	—
0 20 101	L _n – Code table 162 (Vol. II)	—
0 20 102	L _c – Code table 159 (Vol. II)	—
0 20 103	L _d – Code table 160 (Vol. II)	—
0 20 104	L _g – Code table 161 (Vol. II)	—
0 20 105	s _L – Code table 173 (Vol. II)	—
0 20 106	d _L – Code table 139 (Vol. II)	—
0 20 107	D _L – Code table 140 (Vol. II)	—
0 20 108	v _e – Code table 182 (Vol. II)	—
0 20 136	C _a – Code table 0531	—
	C ₀ – Code table 0561	—
	N _m – Code table 2745	—
	N _t – Code table 2752	—
	N _v – Code table 2754	—
0 20 137	n ₃ – Code table 2863	—
0 22 061	S – Code table 3700	—
0 22 067	I _X I _X I _X – Code table 1770	Common Code table C–3
0 22 068	X _R X _R – Code table 4770	Common Code table C–4
0 23 001	A _a – Code table 0131	—
0 23 002	AA – Code table 0177	—
0 23 003	B _T – Code table 0324	—
0 23 004	P _a – Code table 3131	—
0 23 005	A _c – Code table 0133	—
0 23 006	A _e – Code table 0135	—
0 23 007	E _c – Code table 0933	—
0 23 008 } 0 23 009 }	E _s – Code table 0943	—
0 23 016	R _e – Code table 3535	—
0 23 018	E _e – Code table 0935	—
0 23 031	R _p – Code table 3548	—

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0 23 032	I _n – Code table 1743	—
0 24 003	R _c – Code table 3533	—
0 25 041	D _s – Code table 0700	—
0 25 042	v _s – Code table 4451	—
0 25 086	Q _z – Code table 3318	—
0 29 001	g _r g _r – Code table 1487	—
0 33 020	Q _d , Q _{d1} , Q _{d2} , Q _l , Q _t – Code table 3334	—
0 33 021	Q _p , Q _{TW} – Code tables 3315 - 3319	—
0 33 022	Q _N – Code table 3313	—
0 33 023	Q _L – Code table 3311	—
0 33 024	i _m – Code table 1845	—
0 33 027	Q _A – Code table 3302	—

Note: Encoding/decoding of SYNOP/SHIP i_x – Code table 1860

Code figure	Type of station operation	0 02 001 Type of station	0 20 003 Present weather
1	Manned station (group 7wwW ₁ W ₂ included) (but actually missing)	1 (1)	00–99 (200–299) (510)
2	Manned station (group 7ww W ₁ W ₂ omitted, no significant phenomenon to report)	1	508
3	Manned station (group 7ww W ₁ W ₂ omitted, no observation, data not available)	1	509
4	Automatic station (group 7ww W ₁ W ₂ included, using Code tables 4677 and 4561) (but actually missing)	0 (0)	00–99 (200–299) (510)
5	Automatic station (group 7w _a w _a W _{a1} W _{a2} omitted, no significant phenomenon to report)	0	508
6	Automatic station (group 7 w _a w _a W _{a1} W _{a2} omitted, no observation, data not available)	0	509
7	Automatic station (group 7 w _a w _a W _{a1} W _{a2} included, using Code tables 4680 and 4531) (but actually missing)	0 (0)	100–199 (200–299) (510)