



Environment and Climate Change Canada Meteorological Service of Canada

ICAO Meteorological Information Exchange Model (IWXXM)

File Naming (Bulletins)

Version 2A

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1. Purpose of document

The purpose of this document is to provide information regarding the IWXXM file naming in Canada. It also provides the direct one-to-one relationship between the Traditional Alphanumeric Code bulletins and the equivalent IWXXM files.

2. WMO naming convention for IWXXM files

A_ **TTAAiCCCCYGGgg** **BBB** _C_ **CCCC** _ **YYYYMMddhmmss.xml**. [**compression_suffix**]

- Elements in **black and bold** are fixed elements
- **TTAAiCCCCYGGgg** is the current WMO header with the date time group
- **BBB** is optional (as usual)
- **CCCC** is the repeated CCCC part from TTAAiCCC
- **YYYYMMddhmmss** is the date time groupe
- **xml** is the file extension name
- [**compression_suffix**] is the compressed file extension name, if needed

Details of the WMO naming convention are found in the Manual on the Global Telecommunication System (WMO-No 386).

https://library.wmo.int/index.php?lvl=notice_display&id=21811#.YkxXU-eZO70

3. METAR/SPECI

Traditional Alphanumeric bulletin	IWXXM file header
SACN61 CCCC YYG <i>Ggg</i> BBB	A_LACN61 CCCC YYG <i>Ggg</i> BBB _C_ CCCC _YYYYMMddhhmmss
SPCN62 CCCC YYG <i>Ggg</i> BBB	A_LACN62 CCCC YYG <i>Ggg</i> BBB _C_ CCCC _YYYYMMddhhmmss
SPCN65 CCCC YYG <i>Ggg</i> BBB	A_LACN65 CCCC YYG <i>Ggg</i> BBB _C_ CCCC _YYYYMMddhhmmss

CCCC is the aerodrome identification code
BBB is CCx (x = A, B, C, etc...) when a METAR or SPECI is corrected

4. TAF

Traditional Alphanumeric bulletin	IWXXM file header
FTCN21 CWAO <i>YYGGgg BBB</i>	A_LTCN21CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN22 CWAO <i>YYGGgg BBB</i>	A_LTCN22CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN23 CWAO <i>YYGGgg BBB</i>	A_LTCN23CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN24 CWAO <i>YYGGgg BBB</i>	A_LTCN24CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN25 CWAO <i>YYGGgg BBB</i>	A_LTCN25CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN26 CWAO <i>YYGGgg BBB</i>	A_LTCN26CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN28 CWAO <i>YYGGgg BBB</i>	A_LTCN28CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN31 CWAO <i>YYGGgg BBB</i>	A_LTCN31CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN32 CWAO <i>YYGGgg BBB</i>	A_LTCN32CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN33 CWAO <i>YYGGgg BBB</i>	A_LTCN33CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN34 CWAO <i>YYGGgg BBB</i>	A_LTCN34CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN35 CWAO <i>YYGGgg BBB</i>	A_LTCN35CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN36 CWAO <i>YYGGgg BBB</i>	A_LTCN36CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN37 CWAO <i>YYGGgg BBB</i>	A_LTCN37CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN38 CWAO <i>YYGGgg BBB</i>	A_LTCN38CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss
FTCN39 CWAO <i>YYGGgg BBB</i>	A_LTCN39CWAOYYGGggBBB_C_CWAO_YYYYMMddhhmmss

BBB is AAx (x = A, B, C, etc..) when a bulletin issued to amend a TAF.
BBB is RRx (x = A, B, C, etc..) when a bulletin is used for subsequent TAF issuance.
 TAF correction is not issued in Canada.

5. SIGMET

Traditional Alphanumeric bulletin	IWXXM file header
WSCN01 CWAO YYGGgg	A_LSCN01CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN21 CWAO YYGGgg	A_LSCN21CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN01 CWAO YYGGgg	A_LYCN01CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN21 CWAO YYGGgg	A_LYCN21CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN01 CWAO YYGGgg	A_LVCN01CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN21 CWAO YYGGgg	A_LVCN21CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN02 CWAO YYGGgg	A_LSCN02CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN22 CWAO YYGGgg	A_LSCN22CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN02 CWAO YYGGgg	A_LYCN02CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN22 CWAO YYGGgg	A_LYCN22CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN02 CWAO YYGGgg	A_LVCN02CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN22 CWAO YYGGgg	A_LVCN22CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN03 CWAO YYGGgg	A_LSCN03CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN23 CWAO YYGGgg	A_LSCN23CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN03 CWAO YYGGgg	A_LYCN03CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN23 CWAO YYGGgg	A_LYCN23CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN03 CWAO YYGGgg	A_LVCN03CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN23 CWAO YYGGgg	A_LVCN23CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN04 CWAO YYGGgg	A_LSCN04CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN24 CWAO YYGGgg	A_LSCN24CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN04 CWAO YYGGgg	A_LYCN04CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN24 CWAO YYGGgg	A_LYCN24CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN04 CWAO YYGGgg	A_LVCN04CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN24 CWAO YYGGgg	A_LVCN24CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN05 CWAO YYGGgg	A_LSCN05CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN25 CWAO YYGGgg	A_LSCN25CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN05 CWAO YYGGgg	A_LYCN05CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN25 CWAO YYGGgg	A_LYCN25CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN05 CWAO YYGGgg	A_LVCN05CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN25 CWAO YYGGgg	A_LVCN25CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN06 CWAO YYGGgg	A_LSCN06CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN26 CWAO YYGGgg	A_LSCN26CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN06 CWAO YYGGgg	A_LYCN06CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN26 CWAO YYGGgg	A_LYCN26CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN06 CWAO YYGGgg	A_LVCN06CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WVCN26 CWAO YYGGgg	A_LVCN26CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN07 CWAO YYGGgg	A_LSCN07CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WSCN27 CWAO YYGGgg	A_LSCN27CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WCCN07 CWAO YYGGgg	A_LYCN07CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss

WCCN27 CWAO YYG Ggg A_LYCN27CWAOPYYG Ggg_C_CWAO_YYYYMMddhhmmss
WVCN07 CWAO YYG Ggg A_LVCN07CWAOPYYG Ggg_C_CWAO_YYYYMMddhhmmss
WVCN27 CWAO YYG Ggg A_LVCN27CWAOPYYG Ggg_C_CWAO_YYYYMMddhhmmss
WSNT01 CWAO YYG Ggg A_LSNT01CWAOPYYG Ggg_C_CWAO_YYYYMMddhhmmss
WSNT21 CWAO YYG Ggg A_LSNT21CWAOPYYG Ggg_C_CWAO_YYYYMMddhhmmss
WCNT01 CWAO YYG Ggg A_LYNT01CWAOPYYG Ggg_C_CWAO_YYYYMMddhhmmss
WCNT21 CWAO YYG Ggg A_LYNT21CWAOPYYG Ggg_C_CWAO_YYYYMMddhhmmss
WVNT01 CWAO YYG Ggg A_LVNT01CWAOPYYG Ggg_C_CWAO_YYYYMMddhhmmss
WVNT21 CWAO YYG Ggg A_LVNT21CWAOPYYG Ggg_C_CWAO_YYYYMMddhhmmss.

SIGMET is not amended nor corrected in Canada but rather updated. Therefore, **BBB** is not used.

6. AIRMET

Traditional Alphanumeric bulletin	IWXXM file header
WACN01 CWAO YYGGgg	A_LWCN01CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN21 CWAO YYGGgg	A_LWCN21CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN02 CWAO YYGGgg	A_LWCN02CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN22 CWAO YYGGgg	A_LWCN22CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN03 CWAO YYGGgg	A_LWCN03CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN23 CWAO YYGGgg	A_LWCN23CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN04 CWAO YYGGgg	A_LWCN04CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN24 CWAO YYGGgg	A_LWCN24CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN05 CWAO YYGGgg	A_LWCN05CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN25 CWAO YYGGgg	A_LWCN25CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN06 CWAO YYGGgg	A_LWCN06CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN26 CWAO YYGGgg	A_LWCN26CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN07 CWAO YYGGgg	A_LWCN07CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WACN27 CWAO YYGGgg	A_LWCN27CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WANT01 CWAO YYGGgg	A_LWNT01CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss
WANT21 CWAO YYGGgg	A_LWNT21CWAOYYGGgg_C_CWAO_YYYYMMddhhmmss

AIRMET is not amended nor corrected in Canada but rather updated. Therefore, **BBB** is not used.

7. VAA

Traditional Alphanumeric bulletin	IWXXM file header
FVCN01 CWAO YYGGgg BBB	A_LUCN01CWAOPYGGggBBB_C_CWAO_YYYYMMddhmmss
<p>BBB is CCx (x = A, B, C, etc...) when a VAA is corrected and AAx (x = A, B, C, etc...) when a VAA is amended.</p>	

8. QVA

Traditional Alphanumeric bulletin	IWXXM file header
No TAC bulletin exist	To be determined

9. History of document

Rev#	Date	State	Initials	Description of Changes
1Dv01	April 7 2022	Draft	GR	Document created.
1Dv02	Dec 11 2024	Draft	GR	Update to content
1A	Oct 2 2025	Approved	GR	
2Dv01	May 6 2026	Draft	GR	Update to content
2A	May 11 2026	Approved	GR	