

EMWIN GOES-R FILENAME CONVENTION

**(A/Z)_TTAAiiCCCCYYGGgg[BBB]_C_KWIN_YYYYMMddhhmmss_nnnnnn-p-NNNxxxqq.
(TXT, ZIS, GIF, PNG, JPG)**

Examples:

- a. US Tornado Warning:
A_WFUS54KBMX260104_C_KWIN_20160126010535_000179-1-TORBMXAL.TXT
- b. US Area Forecast Discussion:
A_FXUS65KABQ121804AAB_C_KWIN_201601121809_008996-2-AFDABQNM.TXT
- c. Radar image:
Z_QATA00KWBC221605_C_KWIN_20160122161502_000542-3-RADGRTLK.GIF

1. General file naming conventions:

pflag_productidentifier_oflag_originator_YYYYMMddhhmmss[_freeformat].type[.compression]

a. **pflag** is a character or combination of characters indicating how to decode the product identifier field. At this time, the pflag field has only the following acceptable value:

pflag	Meaning
A	The productidentifier field will be decoded as a standard Abbreviated Heading, including BBB as appropriate, space characters being discarded, e.g. T ₁ T ₂ A ₁ A ₂ iiCCCCYYGGgg[BBB]
Z	Originating center's local product identifier

b. **productidentifier** is a variable length field containing information that describes the nature of the data in the file. The **productidentifier** field should be decoded according to the **pflag**:

T₁T₂A₁A₂iiCCCCYYGGgg[BBB]

Note – the BBB field appears in the file name only when it appears as part of the included WMO bulletin.

c. **oflag** is a character or combination of characters indicating how to decode the **originator** field. At this time, the **oflag** field has only the following acceptable value:

oflag	Meaning
C	The originator field will be decoded as a standard CCCC country code

d. **originator** is a variable length field containing information that states where the file originated from. The originator field should be decoded according to the oflag:

KWIN System Name: Emergency Managers Weather Information Network (EMWIN),
Washington (National Meteorological COM Centre), DC, United States of
America

e. **yyyyMMddhhmmss** is a fixed length date and time stamp field representing the date and time the file was created and assigned the filename

f. **freeformat** is a variable length field containing further descriptors as required by a given originator. Elements identified for use by *KWIN* are:

- (1) *nnnnnn* Message sequence number to guarantee uniqueness – six digit fixed length field, right justified with leading zeros as necessary. Resets to “000000” after “999999”.
- (2) *p* EMWIN assigned product priority integer: 1 (highest), to 4 (lowest).
- (3) *NNNxxxqq* Eight character EMWIN file name convention used for GOES-R.
 NNN Product category (nominally)
 xxx Originator field (nominally)
 qq State abbreviation (nominally)

g. **file extension** identifies the native file format and is preceded by a period “.” Authorized file extensions are:

- TXT** – alpha numeric text format
- ZIS** – compressed file format
- GIF** – Graphics Interchange Format
- PNG** – Portable Network Graphics file format
- JPG** – Shorter extension for JPEG which stands for Joint Photographic Experts Group.