

**Table A7-4. Template for advisory message for space weather information**

Key: M = inclusion mandatory, part of every message;  
 C = inclusion conditional, included whenever applicable;  
 = = a double line indicates that the text following it should be placed on the subsequent line.

Note 1.— The explanations for the abbreviations can be found in the PANS-ABC (Doc 8400).

Note 2.— The spatial resolutions are shown in Appendix 7, Table A7-9.

Note 3.— Inclusion of a colon after each element heading is mandatory.

Note 4.— The numbers 1 to 14 are included only for clarity and are not part of the advisory information, as shown in the examples.

Element	Detailed content	Template(s)	Examples
1	Identification of the type of message (M)	Type of message	SWX ADVISORY
2	Status indicator (C) <sup>1</sup>	Indicator of test or exercise	STATUS: TEST or EXER
3	Time of origin (M)	Year, month, day and time in UTC	DTG: nnnnnnnn/nnnnZ
4	Name of SWXC (M)	Name of SWXC	SWXC: nnnnnnnnnnn
5	Space weather effect (M)	Effect of the space weather phenomena	SWX EFFECT: HF COM or SATCOM or GNSS or RADIATION <sup>4</sup>
6	Advisory number (M)	Year in full and unique message number	ADVISORY NR: nnnn/[n][n][n]
7	Number(s) of advisory/ies being replaced (C)	Number(s) of the previously issued advisory/ies being replaced <sup>3</sup>	NR RPLC: nnnn/[n][n][n] [nnnn/[n][n][n]] <sup>3</sup>
8	Observed or expected space weather event (M)	Day and time (in UTC) of observed phenomena (or forecast if phenomena have yet to occur);  Intensity, horizontal extent <sup>4</sup> ;  Altitude of space weather phenomena <sup>5</sup>	OBS (or FCST) SWX: nn/nnnnZ MOD or SEV HNH and/or MNH and/or EQN and/or EQS and/or MSH and/or HSH Wnnn or Ennn – Wnnn or Ennn and/or DAYSIDE or NIGHTSIDE  or MOD or SEV Nnn or Snn Wnnn or Ennn – Nnn or Snn Wnnn or Ennn – Nnn or Snn Wnnn or Ennn –

Element	Detailed content	Template(s)	Examples
		<p>Nnn or Snn Wnnn or Ennn [- Nnn or Snn Wnnn or Ennn]<sup>6,7</sup></p> <p>and<sup>5</sup>, ABV FLnnn or FLnnn- nnn or NO SWX EXP</p>	<p>08/0100Z SEV N80 W180 - N70 W075 - N60 E015 - N70 E075 - N80 W180 MOD N60 W180 - N50 W075 - N40 E015 - N50 E075 - N60 W180 08/0100Z SEV HNH HSH W180 - W090 ABV FL350 MOD HNH HSH W180-W090 FL250-350</p> <p>08/0100Z MOD S20 W170 - S20 W130 - S10 W130 - S10 W170 - S20 W170</p> <p>08/0100Z MOD N80 W180 - N70 W075 - N60 E015 - N70 E075 - N80 W180 ABV FL400</p> <p>NO SWX EXP</p>
9	<p>Forecast of the phenomena (+6 HR) (M)</p> <p>Day and time (in UTC) (6 hours from the time given in Item 8, rounded to the next full hour);</p> <p>Forecast intensity, extent, and altitude for the fixed valid time<sup>4,5</sup></p>	<p>FCST SWX +6 HR: nn/nnnnZ MOD or SEV HNH and/or MNH and/or EQN and/or EQS and/or MSH and/or HSH Wnnn or Ennn - Wnnn or Ennn and/or DAYSIDE or NIGHTSIDE</p> <p>or MOD or SEV Nnn or Snn Wnnn or Ennn - Nnn or Snn Wnnn or Ennn - Nnn or Snn Wnnn or Ennn - Nnn or Snn Wnnn or Ennn [- Nnn or Snn Wnnn or Ennn]<sup>6,7</sup></p> <p>and<sup>5</sup>, ABV FLnnn or FLnnn- nnn</p> <p>or NO SWX EXP or NOT AVBL</p>	<p>FCST SWX +6 HR: 08/0700Z SEV HNH HSH DAYSIDE MOD HNH HSH NIGHTSIDE</p> <p>08/0700Z MOD HNH HSH W180 - W090 ABV FL350</p> <p>08/0700Z SEV HNH HSH W180 -E180 MOD MNH MSH W090-E030 08/0700Z SEV N80 W180 - N70 W075 - N60 E015 - N70 E075 - N80 W180 MOD N60 W180 - N50 W075 - N40 E015 - N50 E075 - N60 W180</p> <p>08/0700Z MOD HNH HSH DAYSIDE</p> <p>08/0700Z MOD S20 W170 - S20 W130 - S10 W130 - S10 W170 - S20 W170</p> <p>08/0700Z MOD N80 W180 - N70 W075 - N60 E015 - N70 E075 - N80 W180 ABV FL400</p> <p>NO SWX EXP</p> <p>NOT AVBL</p>

Element	Detailed content	Template(s)	Examples
10	<p>Forecast of the phenomena (+12 HR) (M)</p> <p>Day and time (in UTC) (12 hours from the time given in Item 8, rounded to the next full hour).</p> <p>Forecast intensity, extent, and altitude for the fixed valid time<sup>4, 5</sup></p>	<p>FCST SWX +12 HR: nn/nnnnZ            MOD or SEV HNH and/or MNH            and/or EQN and/or EQS and/or MSH            and/or HSH Wnnn or Ennn – Wnnn or            Ennn and/or DAYSIDE or            NIGHTSIDE</p> <p>or</p> <p>MOD or SEV Nnn or Snn Wnnn or            Ennn – Nnn or Snn Wnnn or Ennn –            Nnn or Snn Wnnn or Ennn –            Nnn or Snn Wnnn or Ennn [–            Nnn or Snn Wnnn or Ennn]<sup>6, 7</sup></p> <p>and<sup>5</sup>,            ABV FLnnn or FLnnn–nnn</p> <p>or</p> <p>NO SWX EXP</p> <p>or</p> <p>NOT AVBL</p>	<p>FCST SWX +12 HR: 08/1300Z MOD            DAYSIDE</p> <p>08/1300Z MOD HNH            HSH W180 – W090            ABV FL350</p> <p>08/1300Z MOD HNH            HSH W180 –WE180</p> <p>08/1300Z MOD HNH            HSH DAYSIDE</p> <p>08/1300Z MOD EQN            W090-E030</p> <p>08/1300Z MOD S20            W170 – S20 W130 –            S10 W130 – S10 W170            – S20 W170</p> <p>08/1300Z MOD N80            W180 - N70 W075 - N60            E015 - N70 E075 -            N80 W180 ABV FL400</p> <p>NO SWX EXP</p>
11	<p>Forecast of the phenomena (+18 HR) (M)</p> <p>Day and time (in UTC) (18 hours from the time given in Item 8, rounded to the next full hour).</p> <p>Forecast intensity, extent, and altitude for the fixed valid time<sup>4, 5</sup></p>	<p>FCST SWX +18 HR: nn/nnnnZ            MOD or SEV HNH and/or MNH            and/or EQN and/or EQS and/or MSH            and/or HSH Wnnn or Ennn – Wnnn or            Ennn and/or DAYSIDE or            NIGHTSIDE</p> <p>or</p> <p>MOD or SEV Nnn or Snn Wnnn or            Ennn – Nnn or Snn Wnnn or Ennn –            Nnn or Snn Wnnn or Ennn –            Nnn or Snn Wnnn or Ennn [–            Nnn or Snn Wnnn or Ennn]<sup>6, 7</sup></p> <p>and<sup>5</sup>,            ABV FLnnn or FLnnn–nnn</p> <p>or</p> <p>NO SWX EXP</p> <p>or</p> <p>NOT AVBL</p>	<p>FCST SWX +18 HR: 08/1900Z MOD            DAYSIDE</p> <p>08/1900Z MOD HNH            HSH W180 – W090            ABV FL350</p> <p>08/1900Z MOD HNH            HSH W180 –E180</p> <p>08/1900Z MOD HNH            HSH DAYSIDE</p> <p>08/1900Z MOD EQN            W090-E030</p> <p>08/1900Z MOD S20            W170 – S20 W130 –            S10 W130 – S10 W170            – S20 W170</p> <p>08/1900Z MOD N80            W180 - N70 W075 - N60            E015 - N70 E075 -            N80 W180 ABV FL400</p> <p>NO SWX EXP</p> <p>NOT AVBL</p>

Element	Detailed content	Template(s)	Examples	
12	Forecast of the phenomena (+24 HR) (M)  Forecast intensity, extent, and altitude for the fixed valid time <sup>4, 5</sup>	FCST SWX +24 HR:  nn/nnnnZ MOD or SEV HNH and/or MNH and/or EQN and/or EQS and/or MSH and/or HSH Wnnn or Ennn – Wnnn or Ennn and/or DAYSIDE or NIGHTSIDE  or MOD or SEV Nnn or Snn Wnnn or Ennn – Nnn or Snn Wnnn or Ennn – Nnn or Snn Wnnn or Ennn – Nnn or Snn Wnnn or Ennn [- Nnn or Snn Wnnn or Ennn] <sup>6, 7</sup>  and <sup>5</sup> , ABV FLnnn or FLnnn- nnn  or NO SWX EXP or NOT AVBL	FCST SWX +24 HR: 09/0100Z MOD DAYSIDE  09/0100Z MOD HNH HSH W180 – W090 ABV FL350  09/0100Z MOD HNH HSH W180 –E180  09/0100Z MOD HNH HSH DAYSIDE  09/0100Z MOD EQN W090-E030  09/0100Z MOD S20 W170 – S20 W130 – S10 W130 – S10 W170 – S20 W170  09/0100Z MOD N80 W180 - N70 W075 - N60 E015 - N70 E075 - N80 W180 ABV FL400  NO SWX EXP  NOT AVBL	
13	Remarks (M)	Remarks, as necessary	RMK:  Free text up to 256 characters or NIL	RMK:  END OF SWX RADIATION EVENT  WWW.SPACEWEATHE R PROVIDER.GOV  NIL
14	Next advisory (M)	Year, month, day and time in UTC	NXT ADVISORY:  nnnnnnnn/nnnnZ or NO FURTHER ADVISORIES or WILL BE ISSUED BY nnnnnnnn/nnnnZ	NXT ADVISORY: 20161108/0700Z  NO FURTHER ADVISORIES  WILL BE ISSUED BY 20210726/1800Z

## Notes.—

- To be used only when a test (TEST) or an exercise (EXER) is taking place. When the word "TEST" or the abbreviation "EXER" is included, the advisory may contain information that should not be used operationally or will otherwise end immediately after the word "TEST".
- Fictitious location.
- Up to four advisories may be replaced.
- More than one intensity and extent area may be included in the space weather advisory information.
- Altitude information only applies to radiation events.
- The end point is a repeat of the start point.
- When disseminated in abbreviated plain language, the number of coordinates should be kept to a minimum and should not normally exceed seven.

**Table A7-5. Template for SIGMET and AIRMET information**

Key: M = inclusion mandatory, part of every message;  
 C = inclusion conditional, included whenever applicable;  
 = = a double line indicates that the text following it should be placed on the subsequent line.

Note 1.— The ranges and resolutions for the numerical elements included in SIGMET and AIRMET information are shown in Table A7-8 of this appendix.

Note 2.— Criteria for meteorological phenomena included in SIGMET and AIRMET information are listed in Appendix 8.

Note 3.— In accordance with 6.4.5 and 6.5.5, severe or moderate icing and severe or moderate turbulence (SEV ICE, MOD ICE, SEV TURB, MOD TURB) associated with thunderstorms, cumulonimbus clouds or tropical cyclones should not be included.

Note 4.— The location indicators and their significations can be found in Location Indicators (Doc 7910).

Element	Detailed content	SIGMET template	AIRMET template	SIGMET information examples	AIRMET information examples
Location indicator of FIR/CTA (M) <sup>1</sup>	ICAO location indicator of the ATS unit serving the FIR or CTA to which the SIGMET/AIRMET refers	nnnn		YUCC <sup>2</sup> YUDD <sup>2</sup>	
Identification (M)	Message identification and sequence number <sup>3</sup>	SIGMET [n][n]n	AIRMET [n][n]n	SIGMET 1 SIGMET 01 SIGMET A01	AIRMET 9 AIRMET 19 AIRMET B19
Validity period (M)	Day-time groups indicating the period of validity in UTC	VALID nnnnnn/nnnnnn		VALID 010000/010400 VALID 221215/221600 VALID 101520/101800 VALID 251600/252200 VALID 152000/160000 VALID 192300/200300	
Location indicator of MWO (M)	Location indicator of MWO originating the message with a separating hyphen	nnnn-		YUDO <sup>-2</sup> YUSO <sup>-2</sup>	
Name of the FIR/CTA (M)	Location indicator and name of the FIR/CTA <sup>4</sup> for which the SIGMET/AIRMET is issued	nnnn nnnnnnnnnn FIR or UIR or FIR/UIR or nnnn nnnnnnnnnn CTA	nnnn nnnnnnnnnn FIR/[n]	YUCC AMSWELL FIR <sup>2</sup> YUDD SHANLON FIR <sup>2</sup> YUDD SHANLON FIR/UIR <sup>2</sup> YUDD SHANLON UIR YUDD SHANLON CTA <sup>2</sup>	YUCC AMSWELL FIR/ <sup>2</sup> YUDD SHANLON FIR <sup>2</sup> YUDD SHANLON FIR/UIR <sup>2</sup> YUDD SHANLON UIR
IF THE SIGMET OR AIRMET INFORMATION IS TO BE CANCELLED, SEE DETAILS AT THE END OF THE TEMPLATE.					
Status indicator (C) <sup>5</sup>	Indicator of test or exercise	TEST or EXER	TEST or EXER	TEST EXER	TEST EXER