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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-31...AMENDED  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
742 AM EST TUE NOV 7 2006

TO: NATIONAL WEATHER SERVICE /NWS/ OFFICES  
FAMILY OF SERVICES /FOS/ SUBSCRIBERS  
FEDERAL AVIATION ADMINISTRATION /FAA/ OFFICES  
OTHER NWS AVIATION CUSTOMERS AND PARTNERS

FROM: KEVIN L. JOHNSTON  
CHIEF...AVIATION SERVICES BRANCH

SUBJECT: AMENDED STANDARDIZATION OF AIRMET TEXT PRODUCTS ISSUED  
FOR THE CONUS EFFECTIVE NOVEMBER 28 2006.

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 06-31  
TRANSMITTED MAY 12 2006 AND AMENDED TIN 06-31  
TRANSMITTED JULY 24 2006.

NOTE: THE FOLLOWING IMPLEMENTATION WILL HAVE NO IMPACT ON  
NOAA WEATHER WIRE SERVICE SUBSCRIBERS.

AMENDED TO SET NOVEMBER 28 2006 AS THE IMPLEMENTATION DATE OF THE  
STANDARDIZATION OF AIRMET TEXT PRODUCTS ISSUED FOR THE CONUS.

EFFECTIVE TUESDAY NOVEMBER 28 2006 ... BEGINNING AT 1345  
COORDINATED UNIVERSAL TIME /UTC/ ... NWS WILL IMPLEMENT  
FORMAT CHANGES TO STANDARDIZE THE AIRMENS METEOROLOGICAL  
INFORMATION /AIRMET/ TEXT PRODUCTS. THE PRODUCT IS ISSUED BY  
THE AVIATION WEATHER CENTER /AWC/ IN KANSAS CITY MISSOURI  
FOR THE CONTERMINOUS UNITED STATES /CONUS/ AND ADJACENT  
COASTAL WATERS. SEE TABLE 1 BELOW.

THE FOLLOWING AIRMET STANDARDS WILL BE IMPLEMENTED FOR ALL  
AIRMETS:

1. THE FREQUENCY OF THE HAZARD OCCURRENCE /OCNL/ AND /FRQ/  
WILL NO LONGER BE INCLUDED.
2. TREND REMARKS WILL NO LONGER BE INCLUDED.
3. THE 6 TO 12-HOUR FORECAST OUTLOOK AREAS WILL BE DELINEATED  
WITH HIGH ALTITUDE VOR LOCATIONS PRECEDED WITH THE /BOUNDED BY/  
DESCRIPTOR.
4. THE REASON FOR AMENDING ... CORRECTING OR CANCELING AN AIRMET  
WILL NO LONGER BE INCLUDED.
5. SIGMET REFERENCE STATEMENTS WILL NOT REFER TO THE SIGMET  
HAZARD. STATEMENTS SUCH AS /FOR AREAS OF POSS SEV TURB/ AND /FOR

AREAS OF POSS SEV ICE/ WILL NO LONGER BE INCLUDED. INSTEAD THE STATEMENT /SEE SIGMET XXXX SERIES/ WILL BE USED. FOR EXAMPLE ... /SEE SIGMET TANGO SERIES/.

THE FOLLOWING AIRMET STANDARDS WILL BE IMPLEMENTED FOR ALL AIRMET SIERRA:

1. AIRMET IFR: THE CAUSE OF THE VISIBILITY RESTRICTION WILL BE LIMITED TO /PCPN/ ... /FU/ ... /HZ/ ... /BR/ ... /FG/ AND /BLSN/.

2. AIRMET MTN OBSCN: THE CAUSE OF THE OBSCURATION WILL BE LIMITED TO /CLDS/ ... /PCPN/ ... /FU/ ... /HZ/ ... /BR/ AND /FG/.

THE FOLLOWING AIRMET STANDARDS WILL BE IMPLEMENTED FOR ALL AIRMET TANGO:

1. AIRMET TURB: THE CAUSE OF THE TURBULENCE WILL NO LONGER BE INCLUDED.

2. AIRMET STG SFC WND: THE CAUSE AND DIRECTION OF THE WIND WILL NO LONGER BE INCLUDED.

3. LLWS POTENTIAL: WILL INCLUDE A LIST OF AFFECTED STATES.

4. LLWS POTENTIAL: WILL BE DELINEATED USING HIGH ALTITUDE VOR LOCATIONS PRECEDED BY THE /BOUNDED BY/ DESCRIPTOR.

5. LLWS POTENTIAL: LLWS INFORMATION WILL NOT INCLUDE PHRASES SUCH AS /BLW 2000 FT/ OR /BLW AGL 020/.

6. LLWS POTENTIAL: THE CAUSE OF THE LLWS WILL NO LONGER BE INCLUDED.

THE FOLLOWING AIRMET STANDARDS WILL BE IMPLEMENTED FOR ALL AIRMET ZULU:

1. AIRMET ICE: THE ICING TYPES /RIME/ ... /MXD/ AND /CLR/ WILL NO LONGER BE INCLUDED.

2. AIRMET ICE: THE LOCATION OF ICING WITH RESPECT TO CLOUDS AND PRECIPITATION /ICGICP/ ... /ICGIC/ AND /ICGIP/ WILL NO LONGER BE INCLUDED. INSTEAD THE TERM /ICE/ WILL BE USED.

3. THE FREEZING LEVEL WILL BE DEFINED AS THE LOWEST FREEZING LEVEL ABOVE GROUND LEVEL OR /SFC/ AS APPROPRIATE.

4. FREEZING LEVELS WILL BE DELINEATED USING HIGH ALTITUDE VOR LOCATIONS AT INTERVALS OF 4000 FEET ABOVE MEAN SEA LEVEL OR /SFC/ AS APPROPRIATE. FREEZING LEVEL DESCRIPTIONS WILL NOT INCLUDE STATES ... PORTIONS OF STATES OR GEOGRAPHICAL AREAS.

5. AREAS WITH MULTIPLE FREEZING LEVELS ABOVE THE GROUND WILL BE

DELINEATED USING HIGH ALTITUDE VOR LOCATIONS PRECEDED WITH THE /BOUNDED BY/ DESCRIPTOR.

6. THE RANGE OF FREEZING LEVELS OVER THE AREA WILL BE INCLUDED.

TABLE 1: PRODUCTS AFFECTED BY THIS CHANGE

WMO HEADER	AWIPS ID	DESCRIPTION	PORTION OF CONUS
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WAUS41 KPCI	MKCWA1S	AIRMET SIERRA	NORTHEASTERN
WAUS41 KPCI	MKCWA1T	AIRMET TANGO	NORTHEASTERN
WAUS41 KPCI	MKCWA1Z	AIRMET ZULU	NORTHEASTERN
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WAUS42 KPCI	MKCWA2S	AIRMET SIERRA	SOUTHEASTERN
WAUS42 KPCI	MKCWA2T	AIRMET TANGO	SOUTHEASTERN
WAUS42 KPCI	MKCWA2Z	AIRMET ZULU	SOUTHEASTERN
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WAUS43 KPCI	MKCWA3S	AIRMET SIERRA	NORTH CENTRAL
WAUS43 KPCI	MKCWA3T	AIRMET TANGO	NORTH CENTRAL
WAUS43 KPCI	MKCWA3Z	AIRMET ZULU	NORTH CENTRAL
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WAUS44 KPCI	MKCWA4S	AIRMET SIERRA	SOUTH CENTRAL
WAUS44 KPCI	MKCWA4T	AIRMET TANGO	SOUTH CENTRAL
WAUS44 KPCI	MKCWA4Z	AIRMET ZULU	SOUTH CENTRAL
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WAUS45 KPCI	MKCWA5S	AIRMET SIERRA	ROCKY MOUNTAIN
WAUS45 KPCI	MKCWA5T	AIRMET TANGO	ROCKY MOUNTAIN
WAUS45 KPCI	MKCWA5Z	AIRMET ZULU	ROCKY MOUNTAIN
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WAUS46 KPCI	MKCWA6S	AIRMET SIERRA	PACIFIC COAST
WAUS46 KPCI	MKCWA6T	AIRMET TANGO	PACIFIC COAST
WAUS46 KPCI	MKCWA6Z	AIRMET ZULU	PACIFIC COAST

A DETAILED DESCRIPTION OF THESE CHANGES WITH EXAMPLES MAY BE FOUND ON THE INTERNET AT /USE LOWER CASE LETTERS/:

[HTTP://AVIATIONWEATHER.GOV/NOTICE/AIRMET/](http://AVIATIONWEATHER.GOV/NOTICE/AIRMET/)

IF YOU HAVE ANY QUESTIONS CONCERNING THESE CHANGES CONTACT:

CLINTON WALLACE  
CHIEF AVIATION SUPPORT BRANCH  
AVIATION WEATHER CENTER  
KANSAS CITY MISSOURI 64153  
PHONE: 816-584-7248  
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THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM)

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