

NOUS41 KWBC 121434
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-31
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1035 AM EDT FRI MAY 12 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: STANDARDIZATION OF AIRMET TEXT PRODUCTS ISSUED FOR THE
CONUS: EFFECTIVE JULY 25 2006.

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

EFFECTIVE TUESDAY JULY 25 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
WAUS41 KKCI	MKCWA1S	AIRMET SIERRA	NORTHEASTERN
WAUS41 KKCI	MKCWA1T	AIRMET TANGO	NORTHEASTERN

WAUS41	KKCI	MKCWA1Z	AIRMET ZULU	NORTHEASTERN

WAUS42	KKCI	MKCWA2S	AIRMET SIERRA	SOUTHEASTERN
WAUS42	KKCI	MKCWA2T	AIRMET TANGO	SOUTHEASTERN
WAUS42	KKCI	MKCWA2Z	AIRMET ZULU	SOUTHEASTERN

WAUS43	KKCI	MKCWA3S	AIRMET SIERRA	NORTH CENTRAL
WAUS43	KKCI	MKCWA3T	AIRMET TANGO	NORTH CENTRAL
WAUS43	KKCI	MKCWA3Z	AIRMET ZULU	NORTH CENTRAL

WAUS44	KKCI	MKCWA4S	AIRMET SIERRA	SOUTH CENTRAL
WAUS44	KKCI	MKCWA4T	AIRMET TANGO	SOUTH CENTRAL
WAUS44	KKCI	MKCWA4Z	AIRMET ZULU	SOUTH CENTRAL

WAUS45	KKCI	MKCWA5S	AIRMET SIERRA	ROCKY MOUNTAIN
WAUS45	KKCI	MKCWA5T	AIRMET TANGO	ROCKY MOUNTAIN
WAUS45	KKCI	MKCWA5Z	AIRMET ZULU	ROCKY MOUNTAIN

WAUS46	KKCI	MKCWA6S	AIRMET SIERRA	PACIFIC COAST
WAUS46	KKCI	MKCWA6T	AIRMET TANGO	PACIFIC COAST
WAUS46	KKCI	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:

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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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