

NOUS41 KWBC 241814 AAA
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-31...AMENDED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
220 PM EDT MON JUL 24 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: AMEND TIN 06-31 TO POSTPONE IMPLEMENTATION OF
STANDARDIZATION OF AIRMET TEXT PRODUCTS ISSUED FOR
THE CONUS: FROM JULY 25 2006 TO AUGUST 15 2006.

REFER TO: TECHNICAL IMPLEMENTATION NOTICE /TIN/ 06-31
TRANSMITTED MAY 12 2006. THIS NOTICE AMENDS
TIN 06-31 TO DELAY THE IMPLEMENTATION DATE FROM
JULY 25 2006 TO AUGUST 15 2006.

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

EFFECTIVE TUESDAY AUGUST 15 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:

CLINTON WALLACE
CHIEF AVIATION SUPPORT BRANCH
AVIATION WEATHER CENTER
KANSAS CITY MISSOURI 64153
PHONE: 816-584-7248
E-MAIL: CLINTON.WALLACE@NOAA.GOV

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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