

NOUS41 KWBC DDHHMM
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-17
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1000 AM EST FRI MAR 4 2005

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

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

SUBJECT: ADDITION OF NEW WORLD AREA FORECAST SYSTEM /WAFS/
SIGNIFICANT WEATHER PRODUCTS IN BUFR FORMAT:
EFFECTIVE JUNE 30 2005.

NOTE: THE FOLLOWING CHANGES HAVE NO IMPACT ON NOAA WEATHER
WIRE SERVICE SUBSCRIBERS

EFFECTIVE THURSDAY JUNE 30 2005 AT 1300Z COORDINATED UNIVERSAL
TIME /UTC/...THE NWS AVIATION WEATHER CENTER...ON BEHALF OF THE
WASHINGTON WORLD AREA FORECAST CENTER /WAFC/... WILL BEGIN
ISSUING SIGNIFICANT WEATHER FORECAST INFORMATION /SIGWX/ IN
BINARY UNIVERSAL FORM FOR THE REPRESENTATION OF METEOROLOGICAL
DATA /BUFR/.

THE FOLLOWING COMMUNICATION HEADERS WILL BE ADDED /TABLE 1/:

TABLE 1.

WMO HEADER DESCRIPTION OF CONTENTS

JUWE96 KKCI JETSTREAM FL250-FL630
JUCE00 KKCI CLEAR AIR TURBULENCE FL250-FL630
JUBE99 KKCI CUMULONIMBUS CLOUD FL250-FL630
JUTE97 KKCI TROPOPAUSE HEIGHT FL250-FL630
JUFE00 KKCI SURFACE FRONT
JUVE00 KKCI TROPICAL CYCLONE..VOLCANIC ERUPTION..SANDSTORM
JUOE00 KKCI TROPOPAUSE HEIGHT FL100-FL450
JUTE00 KKCI JETSTREAM FL100-FL450
JUJE00 KKCI SURFACE FRONTS..LIMITED AREAS
JUNE00 KKCI CLOUD..ICING..TURBULENCE FL100-FL450
JUME00 KKCI CLEAR AIR TURBULENCE FL100-FL450

IF YOU HAVE ANY QUESTIONS REGARDING THE BUFR SIGNIFICANT WEATHER
PRODUCTS...PLEASE CONTACT:

MICHAEL MERCER
NATIONAL WEATHER SERVICE

1325 EAST-WEST HIGHWAY RM. 13316
SILVER SPRING MARYLAND 20910
PHONE: 301-713-1726 EXT. 130
E:MAIL: MICHAEL.MERCER@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE
ON THE INTERNET AT /USE LOWER CASE LETTERS/:

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

\$\$
NNNN