

NOUS41 KWBC 301253 AAA  
PNSWSH

SERVICE CHANGE NOTICE 06-03...AMENDED  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
745 AM EST THU MAR 30 2006

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA WEATHER  
WIRE SERVICE /NWWS/ SUBSCRIBERS...EMERGENCY MANAGERS  
WEATHER INFORMATION NETWORK /EMWIN/ SUBSCRIBERS  
...NOAAPORT SUBSCRIBERS...OTHER NATIONAL WEATHER  
SERVICE /NWS/ CUSTOMERS AND PARTNERS...AND NWS  
EMPLOYEES

FROM: THERESE Z. PIERCE  
CHIEF...MARINE AND COASTAL SERVICES BRANCH

SUBJECT: AMENDED...NEW PRODUCTS FOR UNITED STATES AIR FORCE  
HIGH DENSITY OBSERVATION DATA FROM TROPICAL CYCLONE  
WC-130J RECONNAISSANCE AIRCRAFT: EFFECTIVE JUNE 1 2007

AMENDED TO CHANGE EFFECTIVE DATE FROM JUNE 1 2006 TO JUNE 1 2007  
IN THE SUBJECT LINE AND MESSAGE BODY.

THE DEPARTMENT OF DEFENSE IS NOW USING WC-130J AIRCRAFT AS ITS  
FLEET OF HURRICANE HUNTER PLANES...REPLACING THE OLDER WC-130H  
AIRCRAFT FOR THIS MISSION. THE ENHANCED CAPABILITY OFFERED BY  
THE WC-130J IS COLLECTION AND TRANSMISSION OF HIGH DENSITY/HIGH  
ACCURACY DATA COLLECTIVELY REFERRED TO AS HIGH DENSITY  
OBSERVATIONS /HDOB/.

THE TRANSMISSION OF THESE NEW PRODUCTS...ORIGINALLY EXPECTED IN  
2006 AND DETAILED IN SCN 06-03 ON JANUARY 24 2006...HAS BEEN  
DELAYED DUE TO CHANGES IN THE RETROFIT AND SOFTWARE  
IMPLEMENTATION SCHEDULE FOR THE WC-130J AIRCRAFT.

THEREFORE THROUGH THE ENTIRE 2006 HURRICANE SEASON...THIS DATA  
WILL BE ROUTED VIA THE NWS FAMILY OF SERVICES /FOS/ SXXX50  
MESSAGE. USERS MUST MONITOR THE SXXX50 MESSAGE TO RECEIVE ALL AIR  
FORCE HDOB DATA THROUGH 2006.

EFFECTIVE JUNE 1 2007 THE TROPICAL PREDICTION CENTER/NATIONAL  
HURRICANE CENTER /NHC/ WILL BEGIN ISSUANCE OF THREE NEW PRODUCTS  
FOR THE TRANSMISSION OF AIR FORCE HDOB.

ONCE INTRODUCED THE NEW PRODUCTS WILL SERVE AS THE PRIMARY MEANS  
OF DISSEMINATION FOR AIR FORCE HDOB DATA. USERS WHO WISH TO  
CONTINUE RECEIVING THIS DATA WILL NEED TO MAKE THE FOLLOWING  
CHANGES IN THEIR WMO COMMUNICATIONS DATABASES BY JUNE 1 2007:

FOR THE ATLANTIC:

PRODUCT NAME	WMO HEADING/ACTION
AIRCRAFT HIGH DENSITY OBSERVATIONS	URNT15 KNHC/ADD

FOR THE EASTERN AND CENTRAL PACIFIC:

PRODUCT NAME                      WMO HEADING/ACTION  
AIRCRAFT HIGH DENSITY OBSERVATIONS      URPN15 KNHC/ADD

FOR THE WESTERN PACIFIC:

PRODUCT NAME                      WMO HEADING/ACTION  
AIRCRAFT HIGH DENSITY OBSERVATIONS      URPA15 KNHC/ADD

THESE NEW PRODUCTS WILL BE PROVIDED ON THE FOS... EMWIN...  
NOAAPORT...AND NWWS.

HDOB MESSAGE FORMATS ARE PROVIDED IN NATIONAL HURRICANE  
OPERATIONS PLAN /NHOP/ APPENDIX G. THE NHOP IS PROVIDED ONLINE AT  
/USE LOWER CASE LETTERS/:

[HTTP://WWW.OFCM.GOV](http://www.ofcm.gov)

THE 2005 NHOP IS NOW POSTED ON THE INTERNET AND THE 2006 NHOP  
WILL BE POSTED BY JUNE 1 2006.

A NEW SERVICE CHANGE NOTICE WILL BE ISSUED IN EARLY 2007 ALERTING  
USERS TO THE HDOB PRODUCT CHANGES EFFECTIVE WITH THE 2007  
HURRICANE SEASON.

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT:

TIMOTHY SCHOTT  
NATIONAL WEATHER SERVICE  
1325 EAST WEST HIGHWAY  
ROOM 13124  
SILVER SPRING MARYLAND 20910

PHONE: /301/ 713 1677 EXTENSION 122

THIS NOTICE AND OTHER SERVICE CHANGE NOTICES CAN BE FOUND ONLINE  
AT /USE LOWER CASE LETTERS/:

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

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