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PNSWSH

SERVICE CHANGE NOTICE 06-03
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
125 PM EST TUE JAN 24 2006

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA
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: NEW PRODUCTS FOR UNITED STATES AIR FORCE HIGH
DENSITY OBSERVATION DATA FROM TROPICAL CYCLONE
WC-130J RECONNAISSANCE AIRCRAFT: EFFECTIVE ON OR AFTER
JUNE 1 2006

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/.

ON OR AFTER JUNE 1 2006...THE TROPICAL PREDICTION
CENTER/NATIONAL HURRICANE CENTER /NHC/ WILL BEGIN ISSUANCE OF
THREE NEW PRODUCTS FOR THE TRANSMISSION OF AIR FORCE HDOB.

CURRENTLY...AS A TEMPORARY MEANS OF DISSEMINATION...THIS DATA IS
ROUTED VIA THE NWS FAMILY OF SERVICES /FOS/ SXXX50 MESSAGE.

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:

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...EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/...NOAAPORT...AND NOAA WEATHER WIRE SERVICE /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.

PLEASE NOTE 2006 WILL BE A TRANSITION YEAR. USERS WISHING TO ENSURE THEY RECEIVE ALL AIR FORCE HDOB DATA IN 2006 MUST MAKE THE ABOVE ADDITIONS TO THEIR WMO COMMUNICATIONS DATABASES AND CONTINUE TO MONITOR THE SXXX50 PRODUCT. BY 2007 WE EXPECT ALL AIR FORCE HDOB DATA WILL BE TRANSMITTED PRIMARILY VIA ONE OF THE THREE WMO HEADINGS ABOVE...AND NO AIR FORCE HDOB DATA WILL BE DISSEMINATED VIA THE SXXX50 PRODUCT. THESE DETAILS WILL BE PROVIDED IN AN EARLY 2007 PUBLIC INFORMATION STATEMENT.

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT

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

WWW.NWS.NOAA.GOV/OM/NOTIF/HTM

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