

NOUS41 KWBC 131735
PNSWSH

SERVICE CHANGE NOTICE 07-08
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
135 PM EDT TUE MAR 7 2007

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA
WEATHER WIRE SERVICE /NWS/ 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: ENHANCEMENT TO THE VORTEX DATA MESSAGE PRODUCT:
EFFECTIVE MAY 15 2007

ITEM F IN THE RECONNAISSANCE VORTEX DATA MESSAGE /VDM/ PRODUCT IS THE MAXIMUM FLIGHT-LEVEL WIND OBSERVED ON THE INBOUND LEG PRIOR TO THE STORM CENTER FIX. CURRENTLY IF A HIGHER WIND IS OBSERVED ON THE OUTBOUND LEG IT IS REPORTED IN ITEM P ON THE SUBSEQUENT VORTEX MESSAGE...USUALLY 2 HOURS LATER. IN ADDITION WIND MAXIMA OBSERVED AFTER THE FINAL FIX OF A MISSION ARE NOT TRANSMITTED THROUGH A SUBSEQUENT VDM.

EFFECTIVE ON MAY 15 2007...IF AN OBSERVED OUTBOUND WIND MAXIMUM IS HIGHER THAN THE INBOUND WIND REPORTED IN ITEM F...THEN THE OUTBOUND MAXIMUM WILL BE REPORTED IN THE VDM FOR THE FIX JUST OBTAINED. IF...AFTER THE TRANSMISSION OF THE VDM...A HIGHER OUTBOUND WIND MAXIMUM IS OBSERVED...THEN A CORRECTED VORTEX MESSAGE WILL BE TRANSMITTED AT THE CONCLUSION OF THE OUTBOUND LEG WITH THE UPDATED OUTBOUND MAXIMUM. OUTBOUND WIND MAXIMA WILL BE REPORTED IN ITEM P.

DOC AND DOD HURRICANE RECONNAISSANCE AIRCRAFT PROVIDE VORTEX DATA MESSAGES /VDM/ AS PART OF THE NATIONAL HURRICANE OPERATIONS PLAN /NHOP/. THESE PRODUCTS AND ASSOCIATED HEADERS ARE PROVIDED IN TABLES 1 AND 2 FOR THE ATLANTIC AND PACIFIC HURRICANE BASINS RESPECTIVELY.

TABLE 1. VDM FOR THE ATLANTIC HURRICANE BASIN

FEDERAL AGENCY WMO HEADING

DOC	URNT12 KWBC
DOD	URNT12 KNHC

TABLE 2. VDM FOR THE EAST...CENTRAL...AND WEST PACIFIC HURRICANE BASINS

FEDERAL AGENCY WMO HEADING

DOC URPN12 KWBC

DOD UPPN12 KNHC

COMPLETE VDM FORMATS ARE PROVIDED IN THE NHOP...SEE TABLE 5-2 AND
FIGURE 5-6. THE NHOP IS ONLINE AT /USE LOWER CASE LETTERS/:

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

THE 2006 NHOP IS NOW POSTED ON THE INTERNET. THE 2007 NHOP WILL
BE POSTED BY JUNE 1 2007.

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT:

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

[WWW.NWS.NOAA.GOV/OM/NOTIF/HTM](http://www.nws.noaa.gov/om/notif/htm)

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