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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 08-61  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
317 PM EDT FRI AUG 1 2008

TO: SUBSCRIBERS:  
-FAMILY OF SERVICES  
-NOAA WEATHER WIRE SERVICE  
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK  
-NOAAPORT  
OTHER NWS PARTNERS...USERS AND EMPLOYEES

FROM: JASON TUELL  
CHIEF...SCIENCE PLANS BRANCH  
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: NESDIS HIGH DENSITY GEOSTATIONARY WINDS TO BE ADDED TO  
SBN/NOAAPORT: EFFECTIVE OCTOBER 15 2008

EFFECTIVE WEDNESDAY OCTOBER 15 2008...BEGINNING AT APPROXIMATELY 1500  
COORDINATED UNIVERSAL TIME /UTC/...THE NATIONAL ENVIRONMENTAL  
SATELLITE...DATA AND INFORMATION SERVICE /NESDIS/ AND NWS START  
DISSEMINATING HIGH DENSITY GEOSTATIONARY /MTSAT/ WIND PRODUCTS VIA THE  
SATELLITE BROADCAST NETWORK /SBN//NOAAPORT.

THE MTSAT WINDS /FROM THE JAPANESE SATELLITE/ WILL AUGMENT THE CURRENT  
GOES EAST AND WEST HIGH DENSITY WINDS OVER SPARSE DATA REGIONS...MOST  
BENEFITING THE ALASKA AND PACIFIC REGIONS AND THE AVIATION WEATHER CENTER  
/AWC/.

NESDIS/OSDPD/SSD WILL PROVIDE THE MTSAT WINDS IN BINARY UNIVERSAL FORM FOR  
THE REPRESENTATION OF METEOROLOGICAL DATA /BUFR/ FORMAT TO THE NWS  
TELECOMMUNICATIONS GATEWAY /VIA FILE TRANSFER PROTOCOL /FTP// FOR ROUTING  
OVER THE SBN TO THE ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM  
/AWIPS//NOAAPORT.

THE WORLD METEOROLOGICAL ORGANIZATION /WMO/ HEADERS /T1T2A1A2I1I2 CCCC/  
FOR THESE PRODUCTS WILL BE IN THE FOLLOWING FORM:

T1...J  
T2...U  
A1...T  
A2...X

I1...2 FOR VIS...3 FOR IR...4 FOR WV...5 FOR NIR  
I2...REGION...1 FOR NORTHERN HEMISPHERE /NH/...2 FOR SH /ALSO 1 IF FULL  
DISK IS USED/.  
CCCC...KNES

THE FOUR MTSAT WIND PRODUCTS WILL BE GENERATED EVERY THREE HOURS. EACH  
PRODUCT IS 2 MB...A MAXIMUM OF 8 MB EACH THREE HOURS...64 MB MAXIMUM EACH

DAY. THE VISIBLE IMAGER PRODUCTS ARE SUSPENDED AT NIGHT DUE TO A  
REDUCTION IN QUALITY OF VISIBLE BASED WINDS.

FOR QUESTIONS CONCERNING THE TECHNICAL DETAILS OF THESE PRODUCTS OR THEIR  
GENERATION...PLEASE CONTACT:

JOHN PAQUETTE  
NESDIS...OSDPD...SSD  
CAMP SPRINGS MARYLAND  
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EMAIL: [JOHN.PAQUETTE@NOAA.GOV](mailto:JOHN.PAQUETTE@NOAA.GOV)

FOR QUESTIONS CONCERNING THE SBN/NOAAPORT ACTIVATION OF THESE  
PRODUCTS...PLEASE CONTACT:

DAVE NIVER  
NWS...OFFICE OF SCIENCE AND TECHNOLOGY  
SILVER SPRING MARYLAND  
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NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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