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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 05-65
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
135 PM EDT TUE SEP 20 2005

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

FROM: PAUL HIRSCHBERG
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY /OST/

SUBJECT: IMPROVED RESOLUTION OF GOES SATELLITE SOUNDER DERIVED
PRODUCT IMAGERY /DPI/...EFFECTIVE NOVEMBER 1 2005

EFFECTIVE NOVEMBER 1 2005: THE NATIONAL ENVIRONMENTAL SATELLITE...
DATA... AND INFORMATION SERVICE /NESDIS/ IS IMPROVING THE
RESOLUTION OF ITS GOES SATELLITE SOUNDER DERIVED PRODUCT IMAGERY
/DPI/. THE CURRENT PRODUCTS USE A 5 BY 5 PIXEL /APPROXIMATELY
50KM BY 50 KM/ AVERAGE FOR PRODUCT GENERATION. THE IMPROVED
RESOLUTION WILL BE GENERATED USING 1 BY 1 PIXELS /APPROXIMATELY
10 KM BY 10KM/. THE ENHANCEMENT WILL TAKE PLACE WITHIN THE
PRODUCT GENERATION AT NESDIS. THIS WILL NOT IMPACT THE FILE SIZE
NESDIS SENDS TO CUSTOMERS FOR EACH OF THE SOUNDER DPI. IT WILL
IMPROVE PRODUCT PRESENTATION. THESE DPI PRODUCTS COME UNDER THE
BULLETIN HEADERS TIGN16 KNES... TIGN17 KNES... TIGN18 KNES... AND
TIGN27 KNES.

FOR NWS AWIPS CUSTOMERS: OPTIONAL ENHANCEMENT CURVES /COLOR
TABLES/ FOR THESE PRODUCTS DEVELOPED BY THE COOPERATIVE INSTITUTE
FOR METEOROLOGICAL SATELLITE STUDIES /CIMSS/ ARE SCHEDULED TO BE
DELIVERED AS PART OF AWIPS RELEASE BUILD OB6. UNTIL OB6 IS
DEPLOYED... THESE ENHANCEMENT CURVES COULD BE RECREATED LOCALLY
WITH INFORMATION FOUND AT:

[HTTP://CIMSS.SSEC.WISC.EDU/GOES/VISIT/SOUNDER_ENHANCEMENTS.HTML](http://CIMSS.SSEC.WISC.EDU/GOES/VISIT/SOUNDER_ENHANCEMENTS.HTML)

IF YOU HAVE QUESTIONS CONCERNING THESE PRODUCTS...PLEASE CONTACT:

DAVID T. MILLER
AWIPS DATA MANAGEMENT
SYSTEMS ENGINEERING CENTER
OFFICE OF SCIENCE AND TECHNOLOGY
PHONE: 301 713-1570 EXT 146
EMAIL: DAVID.T.MILLER@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE

AT /USE LOWER CASE LETTERS/:

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

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