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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 /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
NOAAPORT SUBSCRIBERS
OTHER NWS CUSTOMERS...PARTNERS AND EMPLOYEES

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

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
GEOSTATIONARY ORBITING ENVIRONMENTAL SATELLITE /GOES/ SATELLITE SOUNDER
DERIVED PRODUCT IMAGERY /DPI/. THE CURRENT PRODUCTS USE A FIVE BY FIVE
PIXEL /APPROXIMATELY 50 KM BY 50 KM/ AVERAGE FOR PRODUCT GENERATION. THE
IMPROVED RESOLUTION WILL BE GENERATED USING ONE BY ONE PIXEL
/APPROXIMATELY 10 KM BY 10 KM/. 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 ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /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 /USE LOWER CASE/:

[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

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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