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PUBLIC INFORMATION STATEMENT...COMMENT REQUEST
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
135 PM EDT FRI AUG 17 2007

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

FROM: ELI JACKS
CHIEF...FIRE AND PUBLIC WEATHER SERVICES BRANCH

SUBJECT: SOLICITING COMMENTS REGARDING EXPERIMENTAL TABULAR PRODUCT
EVOLUTION IN EXTENSIBLE MARKUP LANGUAGE /TPEX/ PRODUCTS THROUGH MARCH 12
2008

BEGINNING WEDNESDAY SEPTEMBER 12 2007 AND CONTINUING THROUGH WEDNESDAY
MARCH 12 2008...THE NWS IS SEEKING FEEDBACK REGARDING A SUITE OF
EXPERIMENTAL TABULAR PRODUCT EVOLUTION IN EXTENSIBLE MARKUP LANGUAGE
/TPEX/ AND TPEX-DERIVED PRODUCTS. THESE EXPERIMENTAL PRODUCTS ARE
INTENDED TO MAKE BETTER USE OF THE NATIONAL DIGITAL FORECAST DATABASE
/NDFD/ WHILE STREAMLINING AND AUTOMATING THE GENERATION OF THE SELECTED
CITIES WEATHER SUMMARY AND FORECAST PRODUCTS /SCS/.

FOUR NEW EXPERIMENTAL EXTENSIBLE MARKUP LANGUAGE /XML/ PRODUCTS WILL BE
ISSUED: TWO FORECASTS IN XML /FOX3 AND FOX7/ PRODUCTS...ONE OBSERVATIONS
IN XML /OBX/ PRODUCT...AND ONE TEMPERATURE EXTREMES IN XML /TEX/ PRODUCT.
IN ADDITION...THESE EXPERIMENTAL XML PRODUCTS WILL BE USED TO GENERATE AN
EXPERIMENTAL VERSION OF THE OPERATIONAL SCS TEXT PRODUCTS USING EXTENSIBLE
STYLESHEET LANGUAGE TRANSFORMATION /XSLT/ STYLESHEETS.

PRODUCT	WMO HEADING	AWIPS ID
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FOX3	RXUS30 KWBN	XF03DY
FOX7	RXUS30 KWBN	XF07DY
OBX	RXUS30 KWNO	XOBUS
TEX	RXUS30 KWNH	XTEUS
SCS /PART 1/	FPUS20 KWBN	SCS01
SCS /PART 2/	FPUS20 KWBN	SCS02
SCS /PART 3/	FPUS20 KWBN	SCS03
SCS /PART 4/	FPUS20 KWBN	SCS04

THE FOX3 WILL BE ISSUED HOURLY AND CONTAIN FORECASTS OF WEATHER AND
HIGH/LOW TEMPERATURES FOR DAYS ONE THROUGH THREE FOR THE SAME STATIONS AND
CITIES AS IN THE CURRENT OPERATIONAL SCS TEXT PRODUCT.

THE FOX7 WILL ALSO BE ISSUED HOURLY AND CONTAIN FORECASTS OF WEATHER AND
HIGH/LOW TEMPERATURES FOR DAYS ONE THROUGH SEVEN FOR THE SAME STATIONS AND

CITIES AS IN THE CURRENT OPERATIONAL SCS TEXT PRODUCT. THE FOX7 WILL PROVIDE CONSIDERABLY MORE INFORMATION AND COULD BE USED AS A TOOL FOR ADVANCED PLANNING THAT IS NOT AVAILABLE WITHIN THE CURRENT TEXT PRODUCT SUITE.

THE OBX...AGAIN ISSUED HOURLY...WILL CONTAIN OBSERVED MAXIMUM/MINIMUM TEMPERATURES AND OBSERVED PRECIPITATION FOR THE SAME STATIONS AND CITIES AS IN THE CURRENT OPERATIONAL SCS TEXT PRODUCT. AT THE APPROPRIATE TIMES OF DAY...THE OBX WILL ALSO CONTAIN HIGH AND LOW TEMPERATURES SO FAR TODAY/SO FAR TONIGHT IN ADDITION TO THE HIGH AND LOW TEMPERATURES FOR THE MOST RECENT COMPLETE DAY/NIGHT PERIODS.

THE TEX PRODUCT...ISSUED FOUR TIMES A DAY /AROUND 0045...0645...1245 AND 1845 COORDINATED UNIVERSAL TIME /UTC//...WILL CONTAIN THE NATIONAL HIGH/LOW TEMPERATURES OBSERVED IN THE CONTERMINOUS UNITED STATES USING THE SAME CRITERIA CURRENTLY USED IN THE OPERATIONAL TEXT SCS.

THE TPEX-DERIVED SCS TEXT PRODUCT WILL BE ISSUED TWICE A DAY AT AROUND 0045 AND 1245 UTC...A LITTLE BIT LATER THAN THE TIMES THE CURRENT OPERATIONAL SCS TEXT PRODUCT IS ISSUED BY THE NATIONAL CENTERS FOR ENVIRONMENTAL PREDICTION /NCEP/ HYDROMETEOROLOGICAL PREDICTION CENTER /HPC/. THE TPEX-DERIVED SCS WILL CLOSELY MIMIC THE FORECASTS PROVIDED BY THE OPERATIONAL SCS TEXT PRODUCTS.

THE FOX3...OBX AND TEX XML PRODUCTS AND THE TPEX-DERIVED SCS WILL BE ISSUED TO OUR PARTNERS AND USERS VIA THE ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM /AWIPS/ SATELLITE BROADCAST NETWORK /SBN/. THE FOX7 XML PRODUCT...INTENDED FOR MORE ADVANCED PARTNERS AND USERS...WILL BE AVAILABLE VIA THE TELECOMMUNICATION OPERATIONS CENTER /TOC/ FILE TRANSFER PROTOCOL /FTP/ SERVER.

MORE DETAILS REGARDING THESE EXPERIMENTAL PRODUCTS CAN BE FOUND IN THE TPEX PRODUCT DESCRIPTION DOCUMENT LOCATED ON PAGE 2 /PRODUCT DESCRIPTION DOCUMENT /PDD// AT /USE LOWER CASE/:

[HTTP://PRODUCTS.WEATHER.GOV/DETAILS.PHP?SELROW=294](http://products.weather.gov/details.php?selrow=294)

DETAILS REGARDING THE XML SCHEMA USED CAN BE FOUND AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/FORECASTS/XML/DWMLGEN/SCHEMA/DWML.XSD](http://www.weather.gov/forecasts/xml/dwmlgen/schema/dwml.xsd)

USERS OF THESE PRODUCTS ARE ENCOURAGED TO PROVIDE FEEDBACK BY COMPLETING THE BRIEF SURVEY AND COMMENT FORM AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=TPEX](http://www.weather.gov/survey/nws-survey.php?code=tpeX)

IF YOU HAVE QUESTIONS...PLEASE CONTACT:

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NATIONAL PUBLIC INFORMATION STATEMENTS ARE ONLINE AT /USE LOWER CASE/:

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

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