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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 /NWWS/ SUBSCRIBERS...EMERGENCY MANAGERS
        WEATHER INFORMATION NETWORK /EMWIN/ SUBSCRIBERS...
        NOAAPORT SUBSCRIBERS...NATIONAL WEATHER SERVICE /NWS/
        PARTNERS AND OTHER USERS...AND NWS 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 |
|---|---|---|
| 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 /PDD/ AT /USE LOWER CASE LETTERS/:

  HTTP://PRODUCTS.WEATHER.GOV/DETAILE.PHP?SELROW=294

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

  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 LETTERS/:

  HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=TPEX

IF YOU HAVE QUESTIONS...PLEASE CONTACT:

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

  HTTP://WWW.WEATHER.GOV/OS/NOTIF.HTM

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