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TECHNICAL IMPLEMENTATION NOTICE 06-73
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
830 AM EDT MON OCT 30 2006

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

FROM: ROBERT BUNGE
INTERNET DISSEMINATION OFFICER
OFFICE OF THE CHIEF INFORMATION OFFICER
NATIONAL WEATHER SERVICE

SUBJECT: UPGRADE NWS XML SERVICES TO OPERATIONAL STATUS
EFFECTIVE DECEMBER 4 2006

REFER TO: TECHNICAL IMPLEMENTATION NOTICE 04-30...SENT ON
JUNE 17 2004

ON DECEMBER 4 2006 AT 1400 COORDINATED UNIVERSAL TIME...THE NWS
WILL UPGRADE THE EXTENSIBLE MARKUP LANGUAGE /XML/ DATA FEEDS OF
CURRENT OBSERVATIONS AND NATIONAL DIGITAL FORECAST DATABASE
/NDFD/ INFORMATION TO OPERATIONAL STATUS. XML IS DESIGNED FOR
COMPUTER TO COMPUTER EXCHANGE OF DATA.

THESE XML DATA FEEDS HAVE BEEN EXPERIMENTAL SINCE JUNE 18 2004
...AS ANNOUNCED IN TIN 04-30.

FEEDBACK RECEIVED DURING AN EXTENDED PERIOD OF TESTING INDICATED
TREMENDOUS INTEREST IN THESE TWO SERVICES.

CURRENT OBSERVATION DATA ARE AVAILABLE FOR ABOUT 1800 SURFACE
OBSERVATION SITES IN TWO XML FORMATS AS DESCRIBED ON THE WEB
PAGE LISTED BELOW. THE NDFD-XML IS AN INTERFACE FOR SPECIFIC
GEOGRAPHIC LOCATIONS AND USES THE SIMPLE OBJECT ACCESS PROTOCOL
/SOAP/.

ADDITIONAL INFORMATION DESCRIBING THESE TWO XML SERVICES IS
AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/DATA/CURRENT_OBS/](http://www.weather.gov/data/current_obs/)
[HTTP://WWW.WEATHER.GOV/XML/](http://www.weather.gov/xml/)

BOTH OF THESE WEB PAGES WILL BE UPDATED ON OR BEFORE
DECEMBER 4 2006 TO REFLECT THE SERVICES WILL BE UPGRADED TO
OPERATIONAL STATUS ON THAT DATE.

THE NWS OFFERS A THIRD XML SERVICE TO PROVIDE ACTIVE ALERTS BY STATE REGARDING WATCHES/WARNINGS/ADVISORIES. THIS SERVICE WAS ALSO DESCRIBED IN TIN 04-30. HOWEVER...THIS XML SERVICE WILL REMAIN IN EXPERIMENTAL STATUS UNTIL FURTHER NOTICE. TO LEARN MORE ABOUT THIS EXPERIMENTAL SERVICE...SEE /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/ALERTS/](http://www.weather.gov/alerts/)

IF YOU HAVE ANY QUESTIONS CONCERNING THESE SERVICE CHANGES... PLEASE CONTACT:

ROBERT BUNGE
NATIONAL WEATHER SERVICE
OFFICE OF THE CHIEF INFORMATION OFFICER
PHONE: 301-713-1381 X140
E-MAIL: ROBERT.BUNGE@NOAA.GOV

THIS AND OTHER TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ONLINE 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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