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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 NWS CUSTOMERS...PARTNERS AND 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 /TIN/ 04-30](#)...SENT ON JUNE 17
2004

ON DECEMBER 4 2006 AT 1400 COORDINATED UNIVERSAL TIME /UTC/...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 WEBPAGE 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/:

[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 WEBPAGES 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/:

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

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

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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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