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PNSWSH

SERVICE CHANGE NOTICE 07-18...AMENDED
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1113 AM EDT FRI JUL 13 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: THOMAS GRAZIANO
ACTING CHIEF...HYDROLOGIC SERVICES DIVISION

SUBJECT: AMENDED: ENHANCEMENTS TO ADVANCED HYDROLOGIC
PREDICTION SERVICE WEB PAGES: EFFECTIVE DATE OF
JULY 18 2007 POSTPONED: NEW DATE JULY 25 2007

AMENDED TO INDICATE THE EFFECTIVE DATE FOR ENHANCING SERVICES
PROVIDED BY NOAA/S NATIONAL WEATHER SERVICE ON ITS ADVANCED
HYDROLOGIC PREDICTION SERVICE WEB PAGES IS POSTPONED FROM JULY
18 2007 UNTIL JULY 25 2007. ALSO AMENDED TO INCLUDE A WEBSITE
FOR A SUMMARY OF NEW FEATURES.

BOTH CURRENT AND ENHANCED FEATURES ARE/WILL BE AVAILABLE AT:

[HTTP://WEATHER.GOV/AHPS/](http://weather.gov/AHPS/)

A SUMMARY OF NEW FEATURES IS AVAILABLE AT:

[HTTP://WWW.WEATHER.GOV/AHPS/AHPS_PHASE_V_END_USER_GUIDE.PDF](http://www.weather.gov/AHPS/AHPS_PHASE_V_END_USER_GUIDE.PDF)

NEW CAPABILITIES WILL INCLUDE BOTH NATIONAL AND LOCAL MAPS
SHOWING FORECAST RIVER LEVELS AND DISTRIBUTION OF OBSERVED
PRECIPITATION. THE RIVER LEVEL FORECASTS WILL COMPLEMENT
EXISTING MAPS OF OBSERVED RIVER LEVELS.

PRECIPITATION INFORMATION WILL DISPLAY SPATIAL VARIATION AT A
RESOLUTION OF 4 KM. PRECIPITATION INFORMATION WILL BE SIMILAR TO
AN EXISTING EXPERIMENTAL SERVICE AT:

[HTTP://WWW.SRH.NOAA.GOV/RFCSHARE/PRECIP_ANALYSIS_NEW.PHP](http://www.srh.noaa.gov/rfcshare/precip_analysis_new.php)

IN ADDITION MUCH OF THE INFORMATION DISPLAYED ON THESE WEB PAGES
WILL BE AVAILABLE FOR DOWNLOAD THROUGH THE MECHANISMS DESCRIBED
IN THE FOLLOWING PARAGRAPHS.

1. XML

OBSERVATIONS AND FORECAST VALUES AT OVER 3700 LOCATIONS WILL BE
AVAILABLE FOR DOWNLOAD IN AN EXTENSIBLE MARKUP LANGUAGE /XML/

FORMAT. NOTE: THIS CAPABILITY ALREADY EXISTS. IT IS NOT A NEW FEATURE. THE SCHEMA USED IS DOCUMENTED AT /USE LOWER CASE LETTERS/:

[HTTP://WEATHER.GOV/OHD/HYDROXC/SCHEMAS/HYDROGEN/HYDROGENDATA.XSD](http://weather.gov/oHD/HYDROXC/SCHEMAS/HYDROGEN/HYDROGENDATA.XSD)

2. RSS

OBSERVED AND FORECAST RIVER LEVELS WILL BE AVAILABLE THROUGH A REAL SIMPLE SYNDICATION /RSS/ SUBSCRIPTION. AN OPTION OF THE SUBSCRIPTION SERVICE WILL PROVIDE INFORMATION ONLY WHEN RIVER LEVELS APPROACH OR EXCEED FLOOD STAGE. THIS SERVICE IS CURRENTLY AVAILABLE ON AN EXPERIMENTAL BASIS IN NORTHEASTERN PORTIONS OF THE COUNTRY. INFORMATION ON THE EXPERIMENTAL SERVICE IS AVAILABLE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/AHPS/RSS/](http://www.weather.gov/AHPS/RSS/)

3. GIS

INFORMATION WILL BE PROVIDED IN TWO GEOSPATIAL FORMATS: /3.1/ SHAPEFILES AND /3.2/ KEYHOLE MARKUP LANGUAGE / KML/KMZ /.

3.1 SHAPEFILES

A SHAPEFILE CONTAINING RIVER OBSERVATIONS AND A SECOND SHAPEFILE CONTAINING RIVER FORECASTS WILL BE UPDATED HOURLY. THESE SHAPEFILES WILL INCLUDE INFORMATION ABOUT OBSERVATION/FORECAST LOCATIONS INCLUDING LATITUDE...LONGITUDE...LOCATION NAME AND RIVER.

GRIDDED PRECIPITATION BASED ON A CURRENT EXPERIMENTAL SITE WILL ALSO BE AVAILABLE IN SHAPEFILE FORMAT. FOR MORE INFORMATION SEE:

[HTTP://WWW.SRH.NOAA.GOV/RFCSHARE/PRECIP_DOWNLOAD.PHP](http://www.srh.noaa.gov/rfcshare/precip_download.php)

3.2 KEYHOLE MARKUP LANGUAGE FILES

KML FILES DEPICTING BOTH RIVER OBSERVATIONS AND RIVER FORECASTS WILL BE AVAILABLE FOR THE CONTIGUOUS UNITED STATES /CONUS/ AND ALASKA.

4. NETCDF

GRIDDED PRECIPITATION WILL ALSO BE AVAILABLE AS NETCDF FILES. FOR MORE INFORMATION...SEE:

[HTTP://WWW.SRH.NOAA.GOV/RFCSHARE/PRECIP_DOWNLOAD.PHP](http://www.srh.noaa.gov/rfcshare/precip_download.php)

THIS AND OTHER NWS SERVICE CHANGE 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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