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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 /NWS/ SUBSCRIBERS
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/
SUBSCRIBERS
NOAAPORT SUBSCRIBERS
NATIONAL WEATHER SERVICE /NWS/ PARTNERS...OTHER
USERS...AND 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 /USE
LOWER CASE LETTERS/:
[HTTP://WEATHER.GOV/AHPS/](http://weather.gov/ahps/)

A SUMMARY OF NEW FEATURES IS AVAILABLE AT /USE LOWER CASE
LETTERS/:
[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 /USE LOWER CASE LETTERS/:
[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.

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)

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/)

GIS:

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

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 /USE LOWER CASE LETTERS/:

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

KEYHOLE MARKUP LANGUAGE FILES:

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

NETCDF:

GRIDDED PRECIPITATION WILL ALSO BE AVAILABLE AS NETCDF FILES. FOR MORE INFORMATION...SEE /USE LOWER CASE LETTERS/:

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

NATIONAL SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE LETTERS/:

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

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