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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
OTHER NWS PARTNERS...USERS AND EMPLOYEES

FROM: THOMAS GRAZIANO
ACTING CHIEF...HYDROLOGIC SERVICES DIVISION

SUBJECT: AMENDED: ENHANCEMENTS TO ADVANCED HYDROLOGIC PREDICTION SERVICE
WEBPAGES: 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 WEBPAGES 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/:

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

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

[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/:

[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 WEBPAGES WILL BE
AVAILABLE FOR DOWNLOAD THROUGH THE MECHANISMS DESCRIBED IN THE FOLLOWING
PARAGRAPHS.

EXTENSIBLE MARKUP LANGUAGE /XML/:

OBSERVATIONS AND FORECAST VALUES AT OVER 3700 LOCATIONS WILL BE AVAILABLE
FOR DOWNLOAD IN AN XML FORMAT. NOTE: THIS CAPABILITY ALREADY EXISTS. IT
IS NOT A NEW FEATURE. THE SCHEMA USED IS DOCUMENTED AT /USE LOWER CASE/:

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

REALLY SIMPLE SYNDICATION /RSS/:

OBSERVED AND FORECAST RIVER LEVELS WILL BE AVAILABLE THROUGH A 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/:

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

GEOGRAPHIC INFORMATION SYSTEMS /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/:

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

KML 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/:

[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/:

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

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