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SERVICE CHANGE NOTICE 07-50  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
1045 AM EDT MON SEP 24 2007

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/ PARTNERS  
AND OTHER USERS...AND NWS EMPLOYEES

FROM: GLENN AUSTIN  
CHIEF...HYDROLOGIC SERVICES DIVISION

SUBJECT: NEW ADVANCED HYDROLOGIC PREDICTION SERVICE  
/AHPS/ FLOOD INUNDATION MAPS: EFFECTIVE MONDAY  
OCTOBER 22 2007

EFFECTIVE MONDAY OCTOBER 22 2007...NWS AND THE NATIONAL  
OCEAN SERVICE COASTAL SERVICES CENTER WILL PROVIDE THE FIRST  
SERIES OF AHPS FLOOD INUNDATION MAPS. THESE INUNDATION MAPS  
PROVIDE INFORMATION ON THE SPATIAL EXTENT AND DEPTH OF FLOOD  
WATERS IN THE VICINITY OF NWS RIVER FORECAST LOCATIONS.  
USERS WILL BE ABLE TO DISPLAY FLOOD INUNDATION MAPS FOR  
FORECAST RIVER LEVELS RANGING FROM MINOR FLOODING THROUGH  
THE LARGEST OBSERVED FLOOD ON RECORD. FLOOD INUNDATION  
MAPS...COMBINED WITH RIVER OBSERVATIONS AND NWS  
FORECASTS...ENHANCE THE COMMUNICATION OF FLOOD RISK AND  
PROVIDE USERS ADDITIONAL INFORMATION NEEDED TO BETTER  
MITIGATE THE IMPACTS OF FLOODING AND BUILD MORE RESILIENT  
COMMUNITIES.

THESE FLOOD INUNDATION MAPS AND ASSOCIATED GEOSPATIAL DATA  
/SHAPEFILES/ CAN BE ACCESSED THROUGH THE AHPS WEB PORTAL AT  
/USE LOWER CASE LETTERS/:

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

THIS SERVICE WILL INITIALLY BE AVAILABLE FOR THE FOLLOWING  
LOCATIONS IN NORTH CAROLINA:

WILLIAMSTON... ON THE ROANOKE RIVER  
TAR RIVER... ON THE TAR RIVER  
LOUISBURG... ON THE TAR RIVER  
TARBORO... ON THE TAR RIVER  
ENFIELD... ON FISHING CREEK  
GREENVILLE... ON THE TAR RIVER  
CLAYTON... ON THE NEUSE RIVER  
SMITHFIELD... ON THE NEUSE RIVER  
GOLDSBORO... ON THE NEUSE RIVER

KINSTON... ON THE NEUSE RIVER  
HOOKERTON... ON CONTENTNEA CREEK  
HAW RIVER... ON THE HAW RIVER  
BYNUM... ON THE HAW RIVER  
MANCHESTER... ON THE LOWER LITTLE RIVER  
CHINQUAPIN... ON THE NORTHEAST CAPE FEAR RIVER  
BURGAW... ON THE NORTHEAST CAPE FEAR RIVER  
LUMBERTON... ON THE LUMBER RIVER

DIRECT LINKS TO FLOOD INUNDATION MAPS FOR THESE LOCATIONS  
ARE AVAILABLE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/AHPS/INUNDATION.PHP](http://www.weather.gov/ahps/inundation.php)

A USERS GUIDE FOR THE FLOOD INUNDATION MAP WEB INTERFACE IS  
AVAILABLE AT /USE LOWER CASE LETTERS/:

[HTTP://NEWWEB.ERH.NOAA.GOV/AHPS2/INUNDATION/INUNDATION\\_  
MAPPING\\_USER\\_GUIDE.PDF](http://newweb.erh.noaa.gov/ahps2/inundation/inundation_mapping_user_guide.pdf)

IF YOU HAVE ANY QUESTIONS OR COMMENTS...PLEASE CONTACT:

VICTOR HOM  
NATIONAL WEATHER SERVICE  
NATIONAL INUNDATION MAPPING PROGRAM LEADER  
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THIS NOTICE 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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