

NOUS41 KWBC 011532
PNSWSH

SERVICE CHANGE NOTICE 10-09
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
1032 AM EST MON FEB 1 2010

TO: SUBSCRIBERS:
-FAMILY OF SERVICES
-NOAA WEATHER WIRE SERVICE
-EMERGENCY MANAGERS WEATHER INFORMATION NETWORK
-NOAAPORT
OTHER NWS PARTNERS...USERS AND EMPLOYEES

FROM: THERESE Z. PIERCE
CHIEF...MARINE AND COASTAL SERVICES BRANCH

SUBJECT: IMPLEMENTING IMPROVED MARINE ZONE COVERAGE FOR MISSISSIPPI AND
SOUTHEAST LOUISIANA COASTAL WATERS: EFFECTIVE JUNE 1 2010

EFFECTIVE TUESDAY JUNE 1 2010 AT 100 PM CENTRAL DAYLIGHT TIME /CDT/ OR
1800 COORDINATED UNIVERSAL TIME /UTC/...THE NWS WEATHER FORECAST OFFICE
/WFO/ IN NEW ORLEANS/BATON ROUGE LOUISIANA WILL RECONFIGURE ITS CURRENT
COASTAL WATERS ZONES FOR MISSISSIPPI AND SOUTHEAST LOUISIANA. THIS
RECONFIGURATION WILL PROVIDE BETTER FORECAST SERVICES BY REALIGNING THE
COASTAL ZONES FOR CLIMATOLOGICAL...GEOGRAPHICAL AND BATHYMETRIC EFFECTS.

FOUR NEW INNER COASTAL MARINE ZONES WILL BE CREATED TO BETTER ACCOUNT FOR
DIURNAL AND NOCTURNAL WIND FLUCTUATIONS FOUND IN THE LARGE INNER COASTAL
WATERS AS WELL AS SHALLOW WATER WAVE PROCESSES THAT CONTRIBUTE TO
DIFFERING SEA STATES. NEW ZONES WILL COVER THE FOLLOWING:

- GMZ532 WILL COVER THE MISSISSIPPI SOUND AREA
- GMZ534 WILL COVER LAKE BORGNE
- GMZ536 WILL COVER THE CHANDELEUR SOUND AREA
- GMZ538 WILL COVER THE BRETON SOUND AREA

GMZ530 COVERING LAKE PONTCHARTRAIN AND LAKE MAUREPAS WILL REMAIN
UNCHANGED. THE REMAINING ORIGINAL ZONES HAVE BEEN DIVIDED AND REALIGNED
TO PROVIDE HIGHER RESOLUTION AND BETTER ACCURACY OF FORECASTED
METEOROLOGICAL VARIABLES WATCHES AND WARNINGS.

TABLE 1 LISTS ALL OF THE PRODUCTS ISSUED BY WFO NEW ORLEANS/BATON ROUGE
THAT WILL BE AFFECTED BY THE MARINE ZONE CHANGES.

TABLE 2 LISTS ALL THE CURRENT MARINE ZONES AND UNIVERSAL GEOGRAPHIC CODES
/UGC/S/ FOR WFO NEW ORLEANS/BATON ROUGE.

TABLE 3 LISTS ALL THE MARINE ZONES AND UGC/S/ FOR WHICH WFO NEW
ORLEANS/BATON ROUGE WILL ISSUE FORECASTS AND WARNINGS EFFECTIVE JUNE 1
2010.

TABLE 1. WFO NEW ORLEANS/BATON ROUGE PRODUCTS AFFECTED BY THE MARINE ZONE CHANGES EFFECTIVE JUNE 1 2010

PRODUCT NAME -----	WMO HEADING -----	AWIPS ID -----
COASTAL WATERS FORECAST	FZUS54 KLIX	CWFLIX
MARINE WEATHER MESSAGE	WHUS74 KLIX	MWWLIX
SPECIAL MARINE WARNING	WHUS54 KLIX	SMWLIX
MARINE WEATHER STATEMENT	FZUS74 KLIX	MWSLIX
HURRICANE LOCAL STATEMENT	WTUS84 KLIX	HLSLIX
HAZARDOUS WEATHER OUTLOOK	FLUS44 KLIX	HWOLIX
WATCH COUNTY NOTIFICATION	WWUS64 KLIX	WCNLIX
SOUTHEAST LOUISIANA AND MISSISSIPPI	SOUS44 KLIX	TIDLIX
TIDE FORECAST		

TABLE 2. CURRENT MARINE ZONES AND CORRESPONDING UNIVERSAL GEOGRAPHIC CODES /UGCS/ FOR WFO NEW ORLEANS/BATON ROUGE

CURRENT MARINE ZONE NAME -----	CURRENT UGC -----
LAKE PONTCHARTRAIN/LAKE MAUREPAS	GMZ530
COASTAL WATERS FROM THE SOUTHWEST PASS OF THE MISSISSIPPI RIVER TO LOWER ATCHAFALAYA RIVER LOUISIANA OUT 20 NM	GMZ550
COASTAL WATERS FROM PASCAGOULA MISSISSIPPI TO THE SOUTHWEST PASS OF THE MISSISSIPPI RIVER OUT 20 NM	GMZ555
COASTAL WATERS FROM THE SOUTHWEST PASS OF THE MISSISSIPPI RIVER TO LOWER ATCHAFALAYA RIVER LOUISIANA FROM 20 TO 60 NM	GMZ570
COASTAL WATERS FROM PASCAGOULA MISSISSIPPI TO THE SOUTHWEST PASS OF THE MISSISSIPPI RIVER FROM 20 TO 60 NM	GMZ575

TABLE 3. MARINE ZONES AND CORRESPONDING UGCS FOR WHICH WFO NEW ORLEANS/BATON ROUGE WILL ISSUE FORECASTS AND WARNINGS EFFECTIVE JUNE 1 2010.

NEW MARINE ZONE NAME -----	NEW UGC -----
LAKE PONTCHARTRAIN/LAKE MAUREPAS	GMZ530
MISSISSIPPI SOUND	GMZ532
LAKE BORGNE	GMZ534
CHANDELEUR SOUND	GMZ536
BRETON SOUND	GMZ538
COASTAL WATERS FROM PASCAGOULA MISSISSIPPI TO STAKE ISLAND LOUISIANA OUT 20 NM	GMZ557
COASTAL WATERS FROM STAKE ISLAND LOUISIANA TO SOUTHWEST PASS OF THE MISSISSIPPI RIVER OUT 20 NM	GMZ555
COASTAL WATERS FROM SOUTHWEST PASS OF THE MISSISSIPPI RIVER TO PORT FOURCHON LOUISIANA OUT 20 NM	GMZ552

COASTAL WATERS FROM PORT FOURCHON LOUISIANA TO GMZ550
LOWER ATCHAFALAYA RIVER LOUISIANA OUT 20 NM

COASTAL WATERS FROM PASCAGOULA MISSISSIPPI TO GMZ577
STAKE ISLAND LOUISIANA FROM 20 TO 60 NM

COASTAL WATERS FROM STAKE ISLAND LOUISIANA TO GMZ575
SOUTHWEST PASS OF THE MISSISSIPPI RIVER FROM 20 TO 60 NM

COASTAL WATERS FROM SOUTHWEST PASS OF THE GMZ572
MISSISSIPPI RIVER TO PORT FOURCHON LOUISIANA FROM 20 TO 60 NM

COASTAL WATERS FROM PORT FOURCHON LOUISIANA TO GMZ570
LOWER ATCHAFALAYA RIVER LOUISIANA FROM 20 TO 60 NM

BECAUSE OF THESE RECONFIGURED MARINE ZONES...NEW MARINE ZONE NAMES AND NEW
UGC/S/ IN TABLE 3...CUSTOMERS MUST REPROGRAM AFFECTED HARDWARE AND
SOFTWARE TO CONTINUE PROCESSING THE PRODUCTS IN TABLE 1.

AN UPDATED ZONE MAP SHAPEFILE CONTAINING THE NEW BOUNDARIES FOR THESE
MARINE ZONES IS AVAILABLE FOR DOWNLOAD FROM THE FOLLOWING WEBSITE /USE
LOWER CASE LETTERS/:

WWW.NWS.NOAA.GOV/GEODATA/CATALOG/WSOM/HTML/MARINEZONES.HTM

A MAP SHOWING THE EXISTING AND ADDITIONAL MARINE ZONES THAT WILL BE
EFFECTIVE JUNE 1 2010 IS POSTED ON THE WFO NEW ORLEANS/BATON ROUGE MARINE
PAGE AT /USE LOWER CASE LETTERS/:

WWW.SRH.NOAA.GOV/LIX/?N=MARINEZONECHANGES

FOR QUESTIONS OR COMMENTS ABOUT THESE CHANGES...CONTACT:

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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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