

NOUS41 KWBC 011531
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 TIDE FORECAST	SOUS44 KLIX	TIDLIX

TABLE 2. CURRENT MARINE ZONES AND CORRESPONDING UNIVERSAL GEOGRAPHIC CODES /UGC/S 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 UGC/S/ 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 LOWER ATCHAFALAYA RIVER
LOUISIANA OUT 20 NM

GMZ550

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

GMZ577

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

GMZ575

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

GMZ572

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

GMZ570

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:

TIM ERICKSON

MELINDA BAILEY

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NWS SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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