

NOUS41 KWBC 041155
PNSWSH

SERVICE CHANGE NOTICE 08-43
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
755 AM EDT WED JUN 4 2008

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

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

SUBJECT: IMPLEMENTING IMPROVED MARINE ZONE COVERAGE
ACROSS THE COASTAL WATERS OF PUERTO RICO AND THE
UNITED STATES VIRGIN ISLANDS: EFFECTIVE
OCTOBER 1 2008

EFFECTIVE WEDNESDAY OCTOBER 1 2008 AT 1430 COORDINATED
UNIVERSAL TIME /UTC/ OR 1030 AM ATLANTIC STANDARD TIME
/AST/...THE NWS FORECAST OFFICE /WFO/ IN SAN JUAN PUERTO
RICO WILL RECONFIGURE ITS CURRENT COASTAL WATERS FORECAST
ZONES FOR PUERTO RICO AND THE U.S. VIRGIN ISLANDS. THIS
RECONFIGURATION WILL PROVIDE BETTER FORECAST SERVICES BY
REALIGNING THE COASTAL ZONES FOR CLIMATOLOGICAL...
GEOGRAPHICAL...AND BATHYMETRICAL EFFECTS.

SIX NEW NEAR SHORE ZONES HAVE BEEN CREATED TO BETTER ACCOUNT
FOR DIURNAL AND NOCTURNAL WIND FLUCTUATIONS FOUND IN THE
TROPICS AS WELL AS SHALLOW WATER WAVE PROCESSES THAT
CONTRIBUTE TO DIFFERING SEA STATES. THE REMAINING ZONES HAVE
BEEN REALIGNED TO BETTER ACCOUNT FOR THE INTERACTION BETWEEN
ATLANTIC WATERS AND CARIBBEAN WATERS. SEE TABLE 3 FOR A LIST
OF ALL THESE NEW ZONES EFFECTIVE OCTOBER 1 2008.

WFO SAN JUAN WILL BE ISSUING FORECASTS AND WARNINGS VIA THE
PRODUCTS LISTED IN TABLE 1 FOR ALL NEW ZONES LISTED IN
TABLE 3 EFFECTIVE OCTOBER 1 2008. TABLE 2 LISTS ALL OF THE
CURRENT ZONES FOR WFO SAN JUAN. THESE ZONES WILL NO LONGER
EXIST EFFECTIVE OCTOBER 1 2008.

TABLE 1. WFO SAN JUAN PRODUCTS AFFECTED BY THE MARINE ZONE
CHANGES EFFECTIVE OCTOBER 1 2008.

PRODUCT NAME	WMO HEADING	AWIPS ID
COASTAL WATERS FORECAST	FZCA52 TJSJ	CWFSJU
COASTAL WATERS FORECAST /SPANISH VERSION/	FZCA52 TJSJ	CWFSPN
MARINE WEATHER MESSAGE	WHCA72 TJSJ	MWWSJU

MARINE WEATHER MESSAGE	WHCA72 TJSJ	MWWSPN
/SPANISH VERSION/		
SPECIAL MARINE WARNING	WHCA52 TJSJ	SMWSJU
SPECIAL MARINE WARNING	WHCA52 TJSJ	SMWSPN
/SPANISH VERSION/		
MARINE WEATHER STATEMENT	FZCA72 TJSJ	MWSSJU
MARINE WEATHER STATEMENT	FZCA72 TJSJ	MWSSPN
/SPANISH VERSION/		
HURRICANE LOCAL STATEMENT	WWCA31 TJSJ	HLSSJU
HURRICANE LOCAL STATEMENT	WWCA39 TJSJ	HLSSPN
/SPANISH VERSION/		
HAZARDOUS WEATHER OUTLOOK	FLCA42 TJSJ	HWOSJU
SHORT TERM FORECAST	FPCA72 TJSJ	NOWSJU

TABLE 2. CURRENT MARINE ZONES AND CORRESPONDING UNIVERSAL GEOGRAPHIC CODES /UGC/S FOR WFO SAN JUAN PUERTO RICO. THESE ZONE NAMES AND UGCS WILL NO LONGER EXIST EFFECTIVE OCTOBER 1 2008.

CURRENT MARINE ZONE NAME	CURRENT UGC
ATLANTIC WATERS NORTHWARD TO 19.5N AND BETWEEN 64W AND 68W FROM NORTHWEST COAST OF PUERTO RICO AT PUNTA CADENA EASTWARD TO MOUTH OF RIO GUAJATACA EXTENDING BEYOND 100 FATHOM LINE TO THE ANEGADA PASSAGE	AMZ710
ATLANTIC NEARSHORE WATERS FROM MOUTH OF RIO GUAJATACA EASTWARD TO CABO SAN JUAN THEN EASTWARD TO CULEBRA ST. THOMAS ST. JOHN AND ADJACENT ISLANDS OUT TO 100 FATHOM LINE	AMZ720
CARIBBEAN WATERS FROM PUNTA VIENTO TO CABO SAN JUAN EXTENDING SOUTHWARD TO 17N AND EASTWARD TO 64W INCLUDING THE CARIBBEAN WATERS OF CULEBRA AND VIEQUES AND OF THE U.S. VIRGIN ISLANDS	AMZ730
CARIBBEAN WATERS FROM PUNTA VIENTO TO PUNTA MELONES AND THE WATERS OUTSIDE OF 12 NM FROM PUNTA MELONES TO PUNTA CADENA EXTENDING SOUTHWARD OF TO 17N AND WESTWARD TO 68W	AMZ740
NEARSHORE WATERS OF WEST COAST OF PUERTO RICO FROM PUNTA CADENA TO PUNTA MELONES WESTWARD OUT 12 NM	AMZ750

TABLE 3. NEW MARINE ZONES AND CORRESPONDING UGCS. THESE ZONE NAMES AND UGCS TAKE EFFECT OCTOBER 1 2008.

NEW MARINE ZONE NAME	NEW UGC
ATLANTIC WATERS OF PUERTO RICO AND USVI	AMZ710

FROM 10 NM TO 19.5N
COASTAL WATERS OF NORTHERN PUERTO RICO AMZ712
OUT 10 NM
COASTAL WATERS OF NORTHERN USVI AND AMZ715
CULEBRA OUT 10 NM
ANEGADA PASSAGE SOUTHWARD TO 17N AMZ722
COASTAL WATERS OF SOUTHERN USVI- AMZ725
VIEQUES-AND EASTERN PUERTO RICO OUT 10 NM
CARIBBEAN WATERS OF PUERTO RICO AMZ732
FROM 10 NM TO 17N
COASTAL WATERS OF SOUTHERN PUERTO RICO AMZ735
OUT 10 NM
MONA PASSAGE SOUTHWARD TO 17N AMZ741
COASTAL WATERS OF NORTHWESTERN PUERTO RICO AMZ742
OUT 10 NM
COASTAL WATERS OF SOUTHWESTERN PUERTO RICO AMZ745
OUT 10 NM

BECAUSE OF THESE RECONFIGURED MARINE ZONES...NEW MARINE ZONE NAMES AND NEW UGCS 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 OCTOBER 1 2008 IS POSTED ON THE WFO SAN JUAN PUERTO RICO MARINE PAGE /USE LOWER CASE LETTERS/:

WWW.SRH.NOAA.GOV/SJU/NEWS/2008/MARINE/INDEX.PHP

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

SCOTT STRIPLING	MELINDA BAILEY
MARINE FOCAL POINT	PUBLIC/MARINE METEOROLOGIST
NATIONAL WEATHER SERVICE	NATIONAL WEATHER SERVICE
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NWS SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE/:

HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM

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