

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
-NOAAPORT
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
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COASTAL WATERS FORECAST	FZCA52 TJSJ	CWFSJU
COASTAL WATERS FORECAST /SPANISH VERSION/	FZCA52 TJSJ	CWFSPN
MARINE WEATHER MESSAGE	WHCA72 TJSJ	MWWSJU
MARINE WEATHER MESSAGE /SPANISH VERSION/	WHCA72 TJSJ	MWWSPN
SPECIAL MARINE WARNING	WHCA52 TJSJ	SMWSJU

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

TABLE 2. CURRENT MARINE ZONES AND CORRESPONDING UNIVERSAL GEOGRAPHIC CODES /UGCS/ 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 FROM 10 NM TO 19.5N	AMZ710
COASTAL WATERS OF NORTHERN PUERTO RICO OUT 10 NM	AMZ712
COASTAL WATERS OF NORTHERN USVI AND CULEBRA OUT 10 NM	AMZ715
ANEGADA PASSAGE SOUTHWARD TO 17N	AMZ722

COASTAL WATERS OF SOUTHERN USVI...VIEQUES AND EASTERN PUERTO RICO OUT 10 NM	AMZ725
CARIBBEAN WATERS OF PUERTO RICO FROM 10 NM TO 17N	AMZ732
COASTAL WATERS OF SOUTHERN PUERTO RICO OUT 10 NM	AMZ735
MONA PASSAGE SOUTHWARD TO 17N	AMZ741
COASTAL WATERS OF NORTHWESTERN PUERTO RICO OUT 10 NM	AMZ742
COASTAL WATERS OF SOUTHWESTERN PUERTO RICO OUT 10 NM	AMZ745

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/:

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/:

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

FOR QUESTIONS OR COMMENTS ABOUT THESE CHANGES...PLEASE 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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