Department of Commerce • National Oceanic & Atmospheric Administration • National Weather Service

NATIONAL WEATHER SERVICE INSTRUCTION 10-302
JULY 14, 2009

Operations and Services

Marine And Coastal Weather Services, NWSPD 10-3

MARINE AND COASTAL SERVICES AREA OF RESPONSIBILITY

NOTICE: This publication is available at: http://www.nws.noaa.gov/directives/.

OPR: W/OS21 (R. May) **Certified by:** W/OS21 (T. Pierce)
Type of Issuance: Non Routine.

SUMMARY OF REVISIONS: This directive supersedes NWSI 10-302 dated October 31, 2008. This directive was updated for:

1. WFOs Seattle, Portland, Medford, and Monterey implementing marine zone reconfiguration for central California, Oregon, and Washington coastal waters. For additional information, see SCN 08-61 posted at: http://www.nws.noaa.gov/om/notif.htm.
2. WFO Boston/Taunton creating new marine zones for southern New England coastal waters. For additional information, see SCN 09-22 posted at: http://www.nws.noaa.gov/om/notif.htm.
3. WFO Baltimore/Washington implementing marine zone changes for portions of the Maryland Chesapeake Bay and tidal Potomac River. For additional information, see SCN 09-23 posted at: http://www.nws.noaa.gov/om/notif.htm.

Signed by June 30, 2009

David B. Caldwell Date
Director, Office of Climate,
Water, and Weather Services

MARINE AND COASTAL SERVICES AREAS OF RESPONSIBILITY

Table of Contents: Page

1. Coastal Waters Forecast Areas of Responsibility 3

2. Great Lakes Forecast Areas of Responsibility 41

3. Offshore Forecast Areas of Responsibility 78

4. NAVTEX Forecast Areas of Responsibility 84

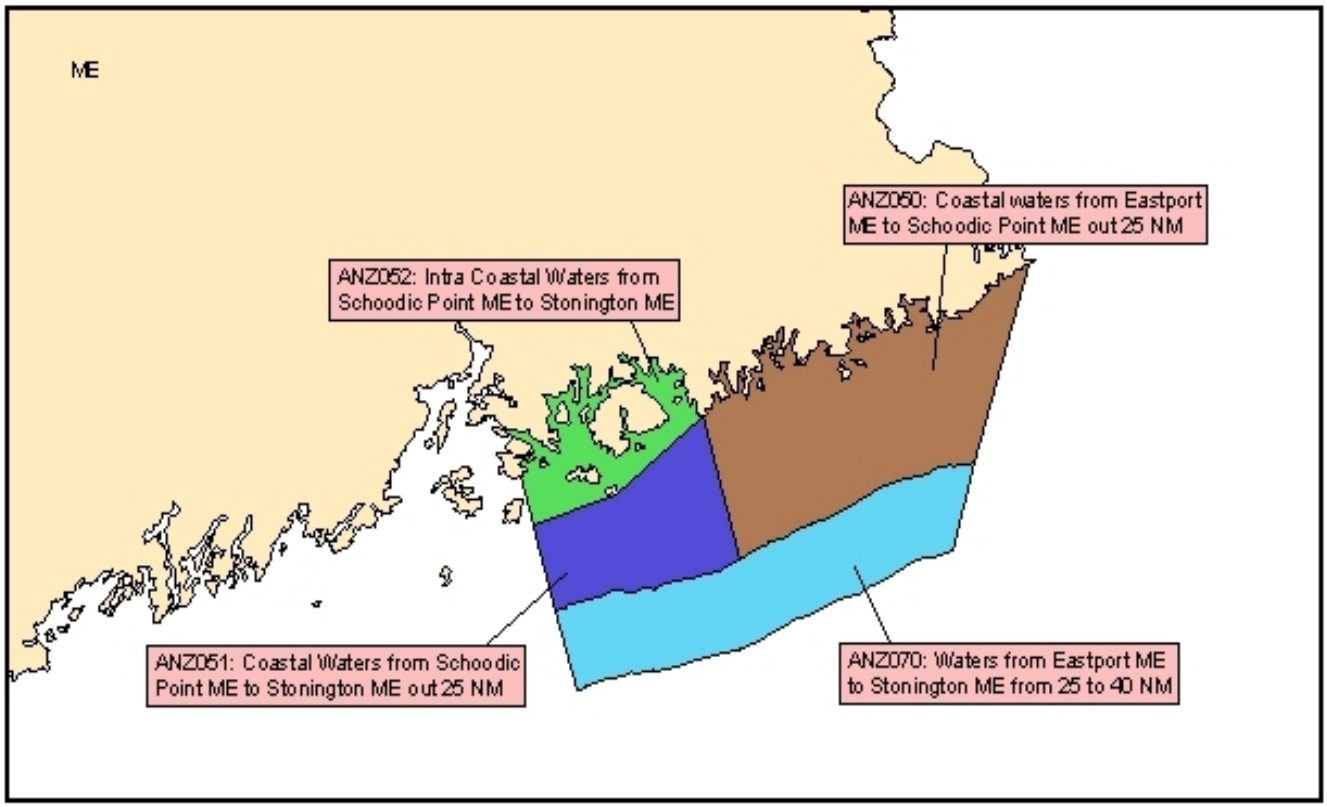
5. High Seas Forecast Areas of Responsibility 86

6. Coastal and Offshore Marine Codes Listings for EAS and NWR Applications 88

7. National Marine Sanctuary Inclusions 90

1. Coastal Waters Forecast Areas of Responsibility.

MARINE ZONES FOR WFO CARIBOU, ME



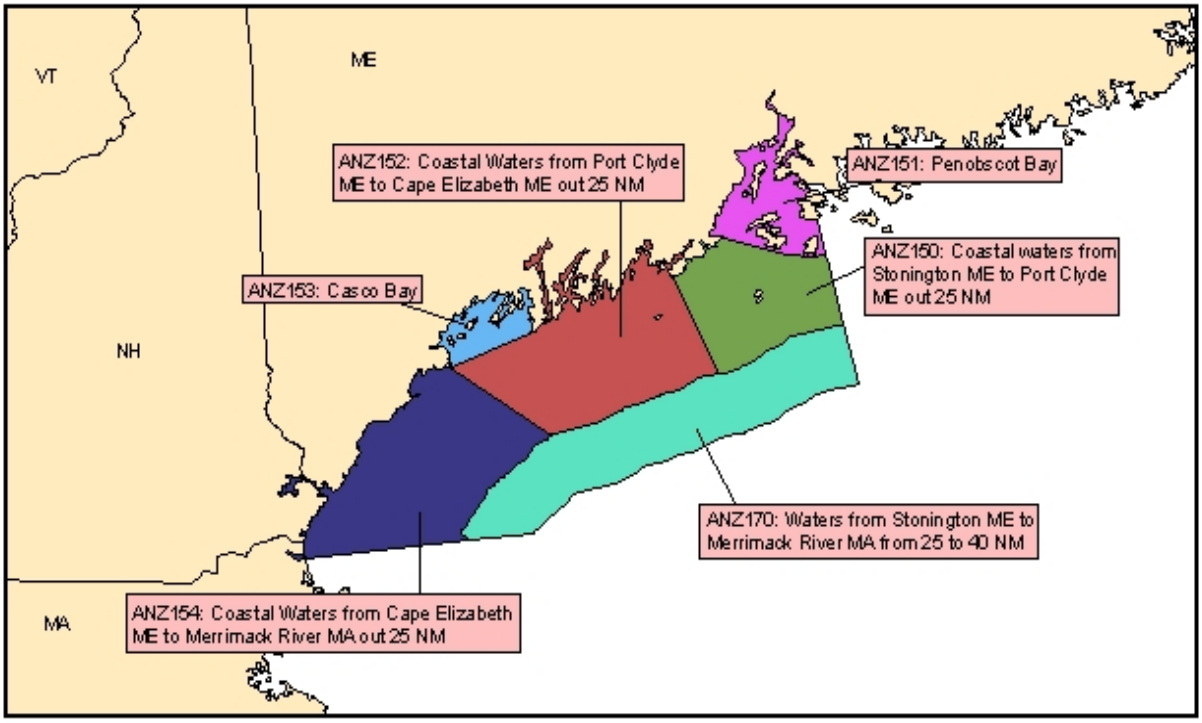
CARIBOU, ME (CAR)

AREA OF RESPONSIBILITY BOUNDARIES
U.S.-Canada border to Stonington, ME, out 25 Nautical Miles (NM)
(Special Marine Warnings out to 40 NM)

ANZ005	Synopsis for Eastport ME to Stonington ME out 25 NM
ANZ050	Coastal Waters from Eastport ME to Schoodic Point ME out 25 NM
ANZ051	Coastal Waters from Schoodic Point ME to Stonington ME out 25 NM
ANZ052	Intra Coastal Waters from Schoodic Point ME to Stonington ME
ANZ070*	*Waters from Eastport ME to Stonington ME from 25 to 40 NM

*For Special Marine Warning purposes only.

MARINE ZONES FOR WFO GRAY, ME



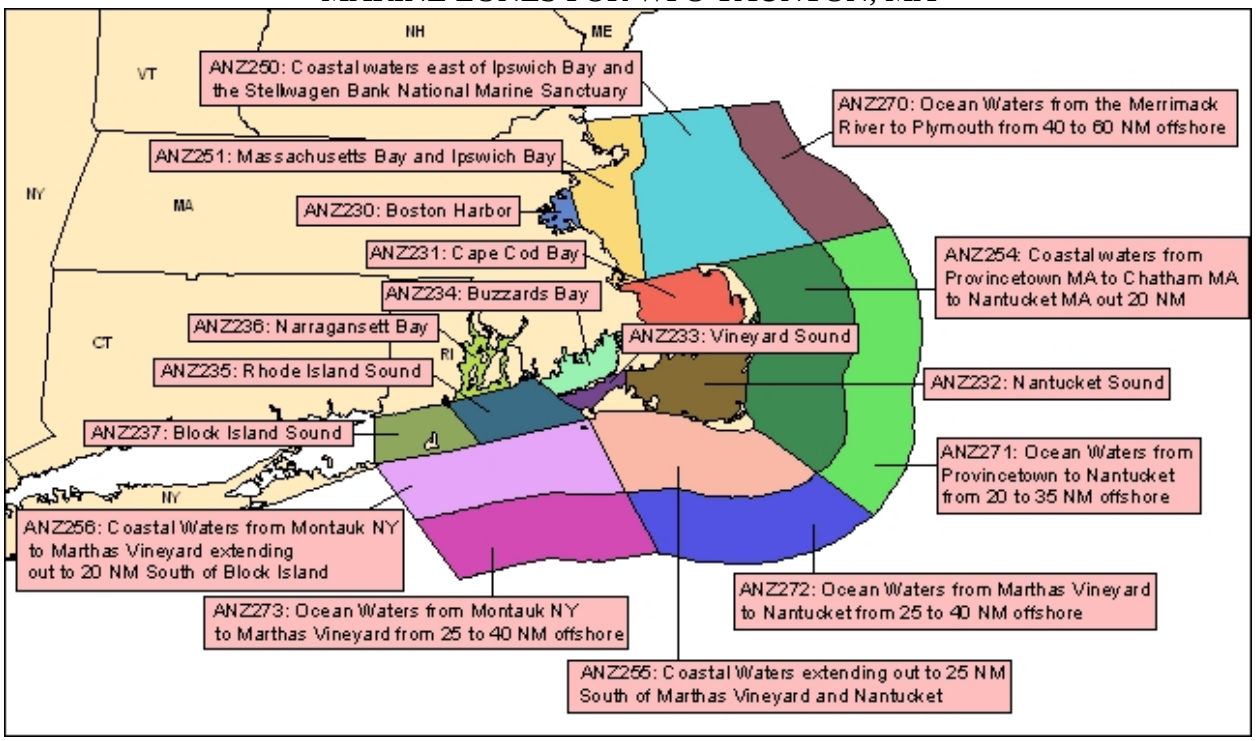
GRAY, ME (GYX)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Stonington, ME to the Merrimack River, MA, out 25 NM
(Special Marine Warnings out to 40 NM)

ANZ100	Synopsis for Stonington ME to Merrimack River MA out 25 NM
ANZ150	Coastal Waters from Stonington ME to Port Clyde ME out 25 NM
ANZ151	Penobscot Bay
ANZ152	Coastal Waters from Port Clyde ME to Cape Elizabeth ME out 25 NM
ANZ153	Casco Bay
ANZ154	Coastal Waters from Cape Elizabeth ME to Merrimack River MA out 25 NM
ANZ170*	*Waters from Stonington ME to Merrimack River MA from 25 to 40 NM

*For Special Marine Warning purposes only.

MARINE ZONES FOR WFO TAUNTON, MA



TAUNTON, MA (BOX)

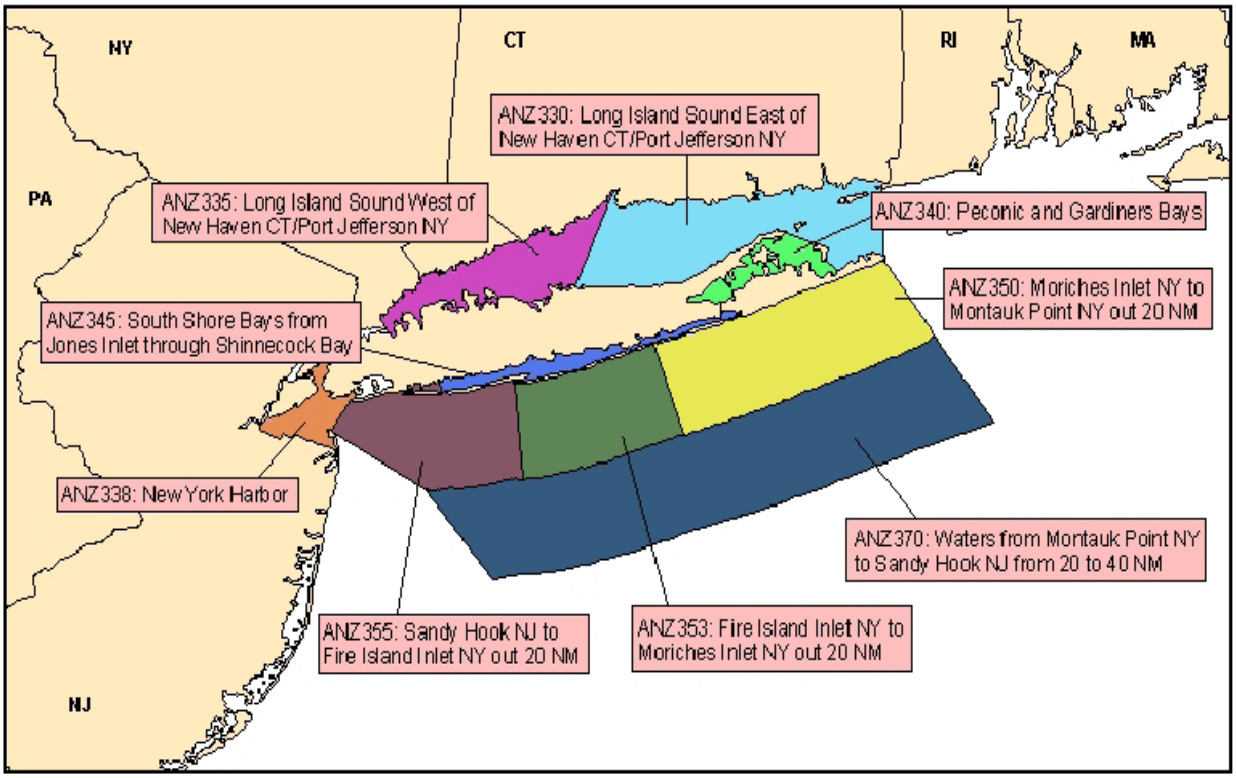
<u>AREA OF RESPONSIBILITY BOUNDARIES</u>

Merrimack River, MA, to CT-RI border, out 40 NM (60 NM for Special Marine Warnings)
Includes the Stellwagen Bank National Marine Sanctuary

ANZ200	Synopsis for MA and RI coastal waters
ANZ230	Boston Harbor
ANZ231	Cape Cod Bay
ANZ232	Nantucket Sound
ANZ233	Vineyard Sound
ANZ234	Buzzards Bay
ANZ235	Rhode Island Sound
ANZ236	Narragansett Bay
ANZ237	Block Island Sound
ANZ250	Coastal waters east of Ipswich Bay and the Stellwagen Bank National Marine Sanctuary
ANZ251	Massachusetts Bay and Ipswich Bay
ANZ254	Coastal waters from Provincetown MA to Chatham MA to Nantucket MA out 20 NM
ANZ255	Coastal waters extending out to 25 NM south of Martha's Vineyard and Nantucket
ANZ256	Coastal waters from Montauk NY to Martha's Vineyard extending out to 20 NM south of Block Island
ANZ270*	*Ocean waters from Merrimack River to Plymouth from 40 to 60 NM offshore
ANZ271*	*Ocean waters from Provincetown to Nantucket from 20 to 35 NM offshore
ANZ272*	*Ocean waters from Martha's Vineyard to Nantucket from 25 to 40 NM offshore
ANZ273*	*Ocean waters from Montauk NY to Martha's Vineyard from 25 to 40 NM offshore

*For Special Marine Warning purposes only.

MARINE ZONES FOR WFO UPTON, NY



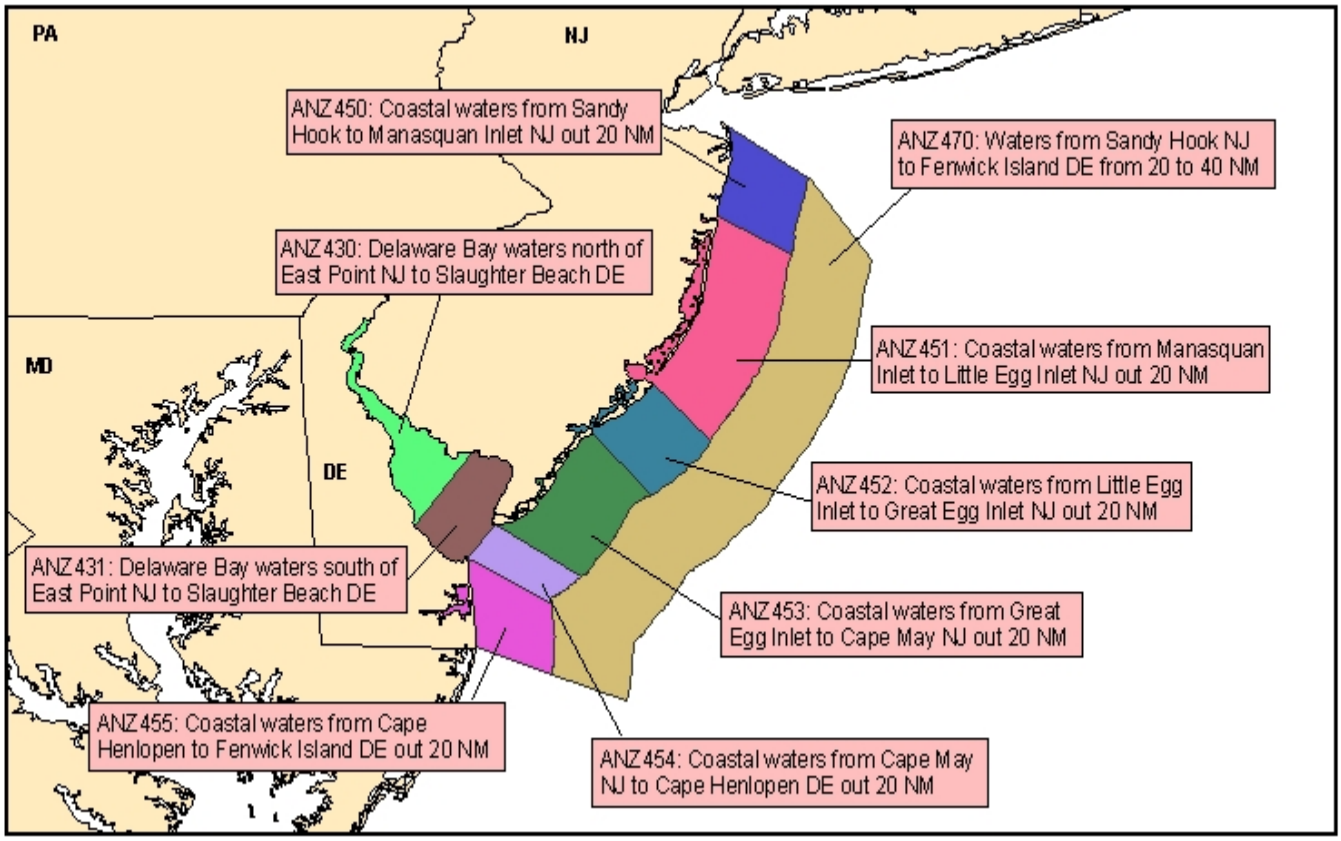
UPTON, NY (OKX)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Montauk Point, NY to northernmost point on Sandy Hook, NJ, out 20 NM
(40 NM for Special Marine Warnings)

ANZ300	Synopsis for Long Island waters and New York Harbor
ANZ350	Moriches Inlet NY to Montauk Point NY out 20 NM
ANZ353	Fire Island Inlet NY to Moriches Inlet NY out 20 NM
ANZ355	Sandy Hook NJ to Fire Island Inlet NY out 20 NM
ANZ330	Long Island Sound East of New Haven CT/Port Jefferson NY
ANZ335	Long Island Sound West of New Haven CT/Port Jefferson NY
ANZ338	New York Harbor
ANZ340	Peconic and Gardiners Bays
ANZ345	South Shore Bays from Jones Inlet through Shinnecock Bay
ANZ370*	*Waters from Montauk Point NY to Sandy Hook NJ from 20 to 40 NM

*For Special Marine Warning purposes only.

MARINE ZONES FOR WFO MT HOLLY, NJ



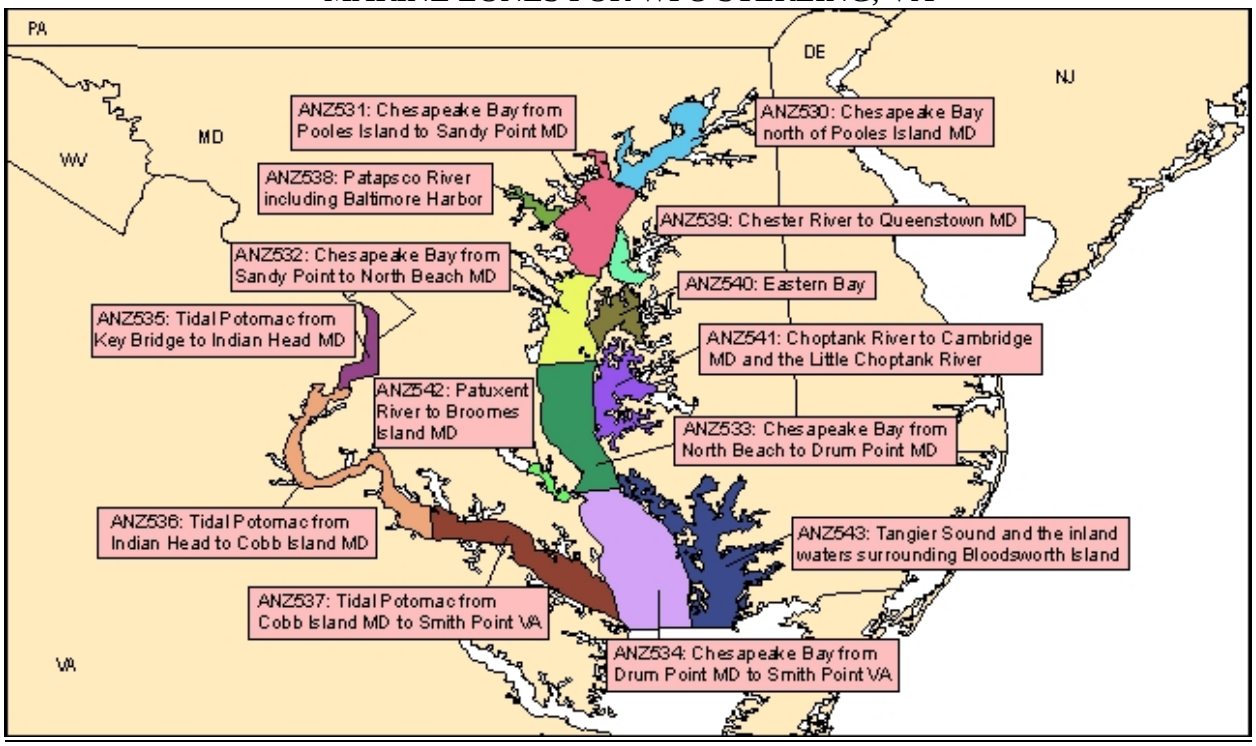
MT. HOLLY, NJ (PHI)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Northernmost point on Sandy Hook, NJ to MD-DE border, out 20 NM
(40 NM for Special Marine Warnings)

ANZ400	Synopsis for the coastal waters from Sandy Hook NJ to Fenwick Island DE and for Delaware Bay
ANZ450	Coastal waters from Sandy Hook to Manasquan Inlet NJ out 20 NM
ANZ451	Coastal waters from Manasquan Inlet to Little Egg Inlet NJ out 20 NM
ANZ452	Coastal waters from Little Egg Inlet to Great Egg Inlet NJ out 20 NM
ANZ453	Coastal waters from Great Egg Inlet to Cape May NJ out 20 NM
ANZ454	Coastal waters from Cape May NJ to Cape Henlopen DE out 20 NM
ANZ455	Coastal waters from Cape Henlopen to Fenwick Island DE out 20 NM
ANZ430	Delaware Bay waters north of East Point NJ to Slaughter Beach DE
ANZ431	Delaware Bay waters south of East Point NJ to Slaughter Beach DE
ANZ470*	*Waters from Sandy Hook NJ to Fenwick Island DE from 20 to 40 NM

*For Special Marine Warning purposes only.

MARINE ZONES FOR WFO STERLING, VA



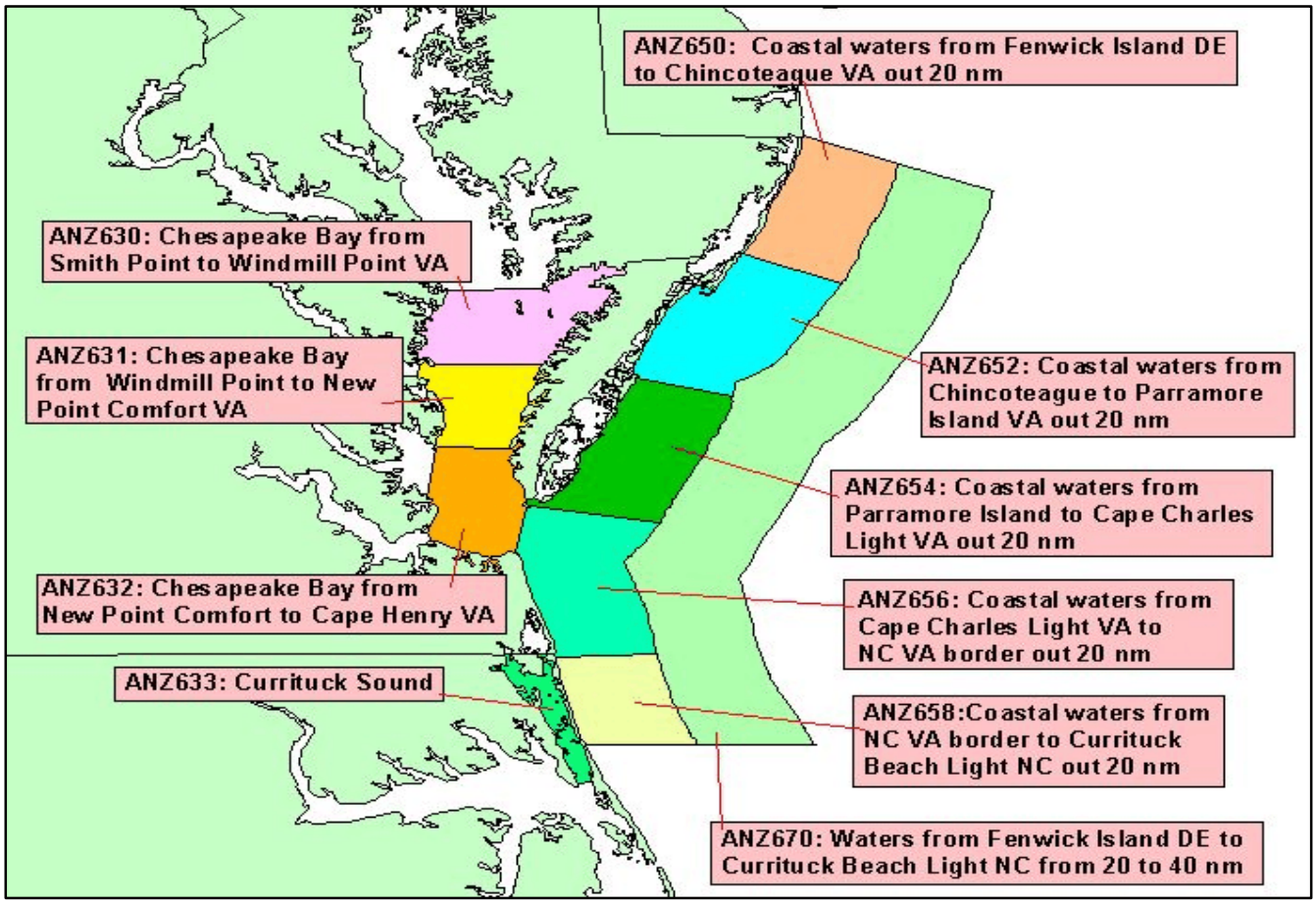
STERLING, VA (LWX)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>

Chesapeake Bay north of VA-MD border South of Susquehanna River, including Potomac River

ANZ500	Synopsis for the Tidal Potomac and MD portion of Chesapeake Bay
ANZ530	Chesapeake Bay north of Pooles Island MD
ANZ531	Chesapeake Bay from Pooles Island to Sandy Point MD
ANZ532	Chesapeake Bay from Sandy Point to North Beach MD
ANZ533	Chesapeake Bay from North Beach to Drum Point MD
ANZ534	Chesapeake Bay from Drum Point MD to Smith Point VA
ANZ535	Tidal Potomac from Key Bridge to Indian Head MD
ANZ536	Tidal Potomac from Indian Head to Cobb Island MD
ANZ537	Tidal Potomac from Cobb Island MD to Smith Point VA
ANZ538	Patapsco River including Baltimore Harbor
ANZ539	Chester River to Queenstown MD
ANZ540	Eastern Bay
ANZ541	Choptank River to Cambridge MD and the Little Choptank River
ANZ542	Patuxent River to Broome's Island MD
ANZ543	Tangier Sound and the Inland Waters surrounding Bloodsworth Island

MARINE ZONES FOR WFO WAKEFIELD, VA



WAKEFIELD, VA (AKQ)

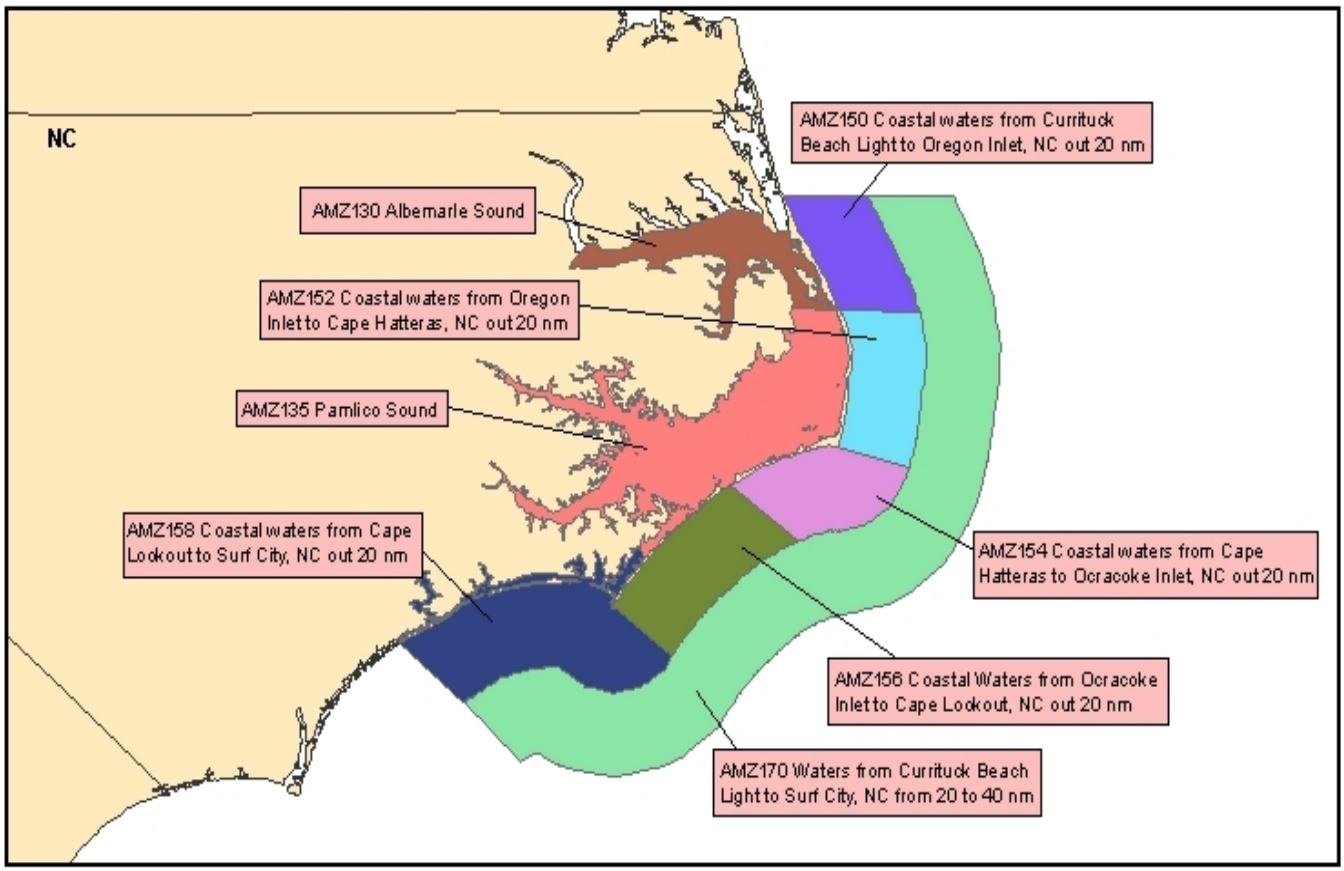
AREA OF RESPONSIBILITY BOUNDARIES

Chesapeake Bay south of VA-MD border to west of a line from Cape Henry to Cape Charles Light, VA
MD-DE border to Dare-Currituck NC county line, out 20 NM including Currituck Sound
(40 NM for Special Marine Warnings)

ANZ600	Synopsis for Fenwick Island DE to Currituck Beach Light NC out 20 NM including Virginia portion of the Chesapeake Bay and Currituck Sound
ANZ630	Chesapeake Bay from Smith Point to Windmill Point VA
ANZ631	Chesapeake Bay from Windmill Point to New Point Comfort VA
ANZ632	Chesapeake Bay from New Point Comfort to Cape Henry VA
ANZ650	Coastal waters from Fenwick Island DE to Chincoteague VA out 20 NM
ANZ652	Coastal waters from Chincoteague to Parramore Island VA out 20 NM
ANZ654	Coastal waters from Parramore Island to Cape Charles Light VA out 20 NM
ANZ656	Coastal waters from Cape Charles Light VA to NC VA border out 20 NM
ANZ658	Coastal waters from NC VA border to Currituck Beach Light NC out 20 NM
ANZ633	Currituck Sound
ANZ670*	*Waters from Fenwick Island DE to Currituck Beach Light NC from 20 to 40 NM

*For Special Marine Warning purposes only.

MARINE ZONES FOR WFO MOREHEAD CITY, NC



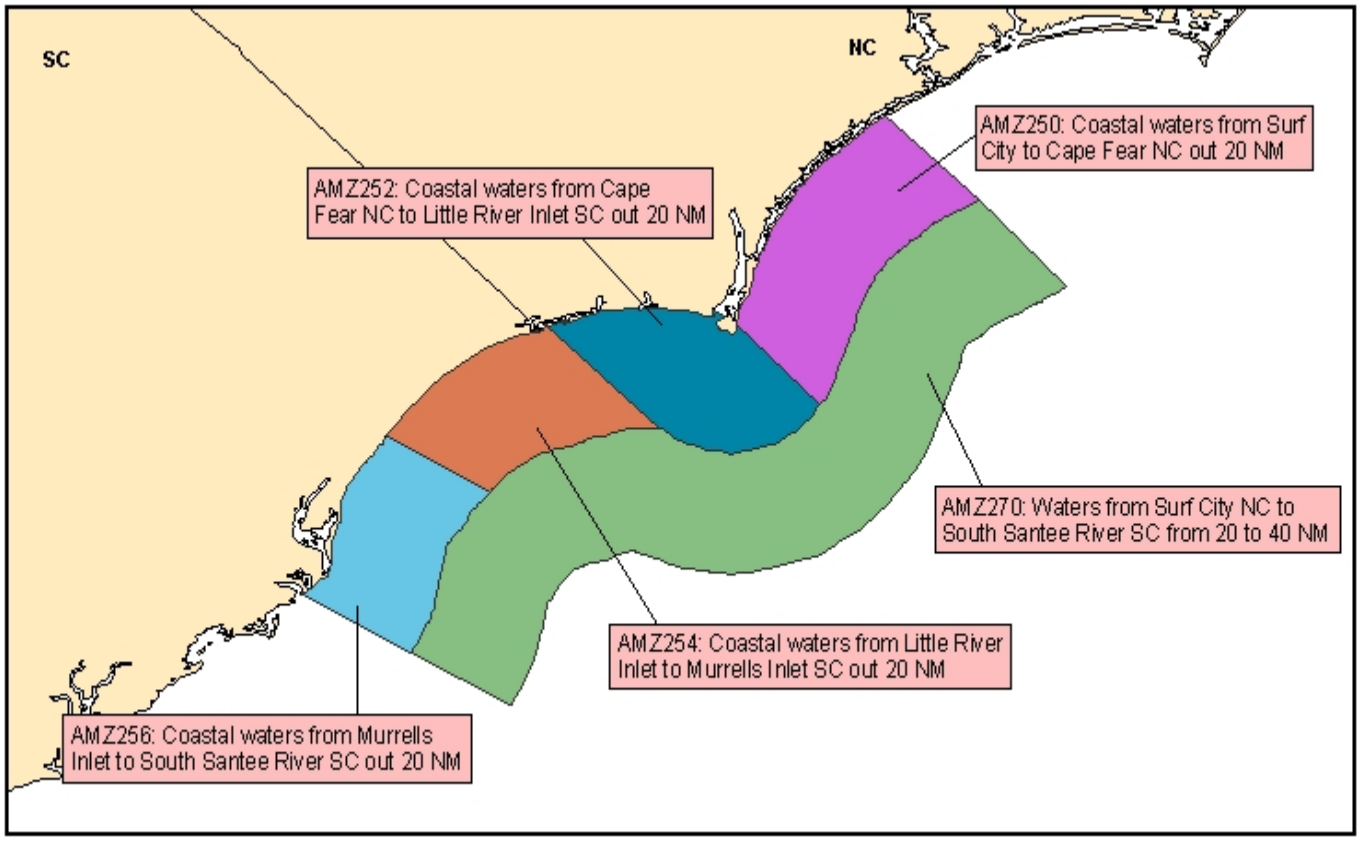
MOREHEAD CITY, NC (MHX)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Dare-Currituck, NC, county line to Pender-Onslow, NC, county line, out 20 NM, including Albemarle Sound and Pamlico Sound (40 NM for Special Marine Warnings)
Includes the Monitor National Marine Sanctuary

AMZ100	Synopsis for eastern North Carolina coastal waters
AMZ150	Coastal waters from Currituck Beach Light to Oregon Inlet NC out 20 NM
AMZ152	Coastal waters from Oregon Inlet to Cape Hatteras NC out 20 NM
AMZ154	Coastal waters from Cape Hatteras to Okracoke Inlet NC out 20 NM
AMZ156	Coastal waters from Okracoke Inlet to Cape Lookout NC out 20 NM
AMZ158	Coastal waters from Cape Lookout to Surf City NC out 20 NM
AMZ130	Albemarle Sound
AMZ135	Pamlico Sound
AMZ170*	*Waters from Currituck Beach Light to Surf City, NC from 20 to 40 NM

*For Special Marine Warning purposes only.

MARINE ZONES FOR WFO WILMINGTON, NC



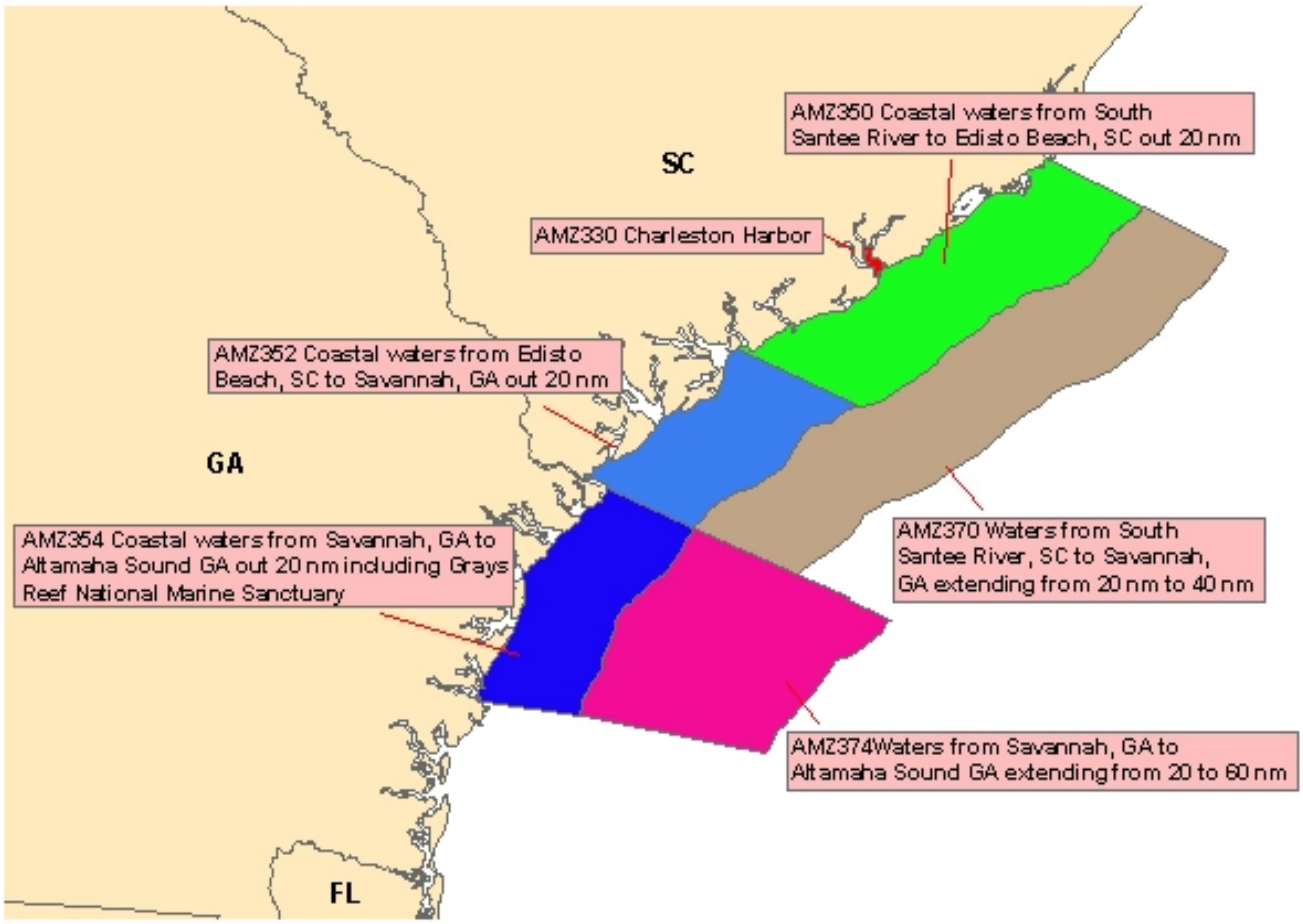
WILMINGTON, NC (ILM)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Pender-Onslow, NC, county line to Georgetown-Charleston, SC, county line, out 20 NM
(40 NM for Special Marine Warnings)

AMZ200	Synopsis for coastal waters from Surf City North Carolina to South Santee River South Carolina out to 20 NM
AMZ250	Coastal waters from Surf City to Cape Fear NC out 20 NM
AMZ252	Coastal waters from Cape Fear NC to Little River Inlet SC out 20 NM
AMZ254	Coastal waters from Little River Inlet to Murrells Inlet SC out 20 NM
AMZ256	Coastal waters from Murrells Inlet to South Santee River SC out 20 NM
AMZ270*	*Waters from Surf City NC to South Santee River SC from 20 to 40 NM

*For Special Marine Warning purposes only.

MARINE ZONES FOR WFO CHARLESTON, SC



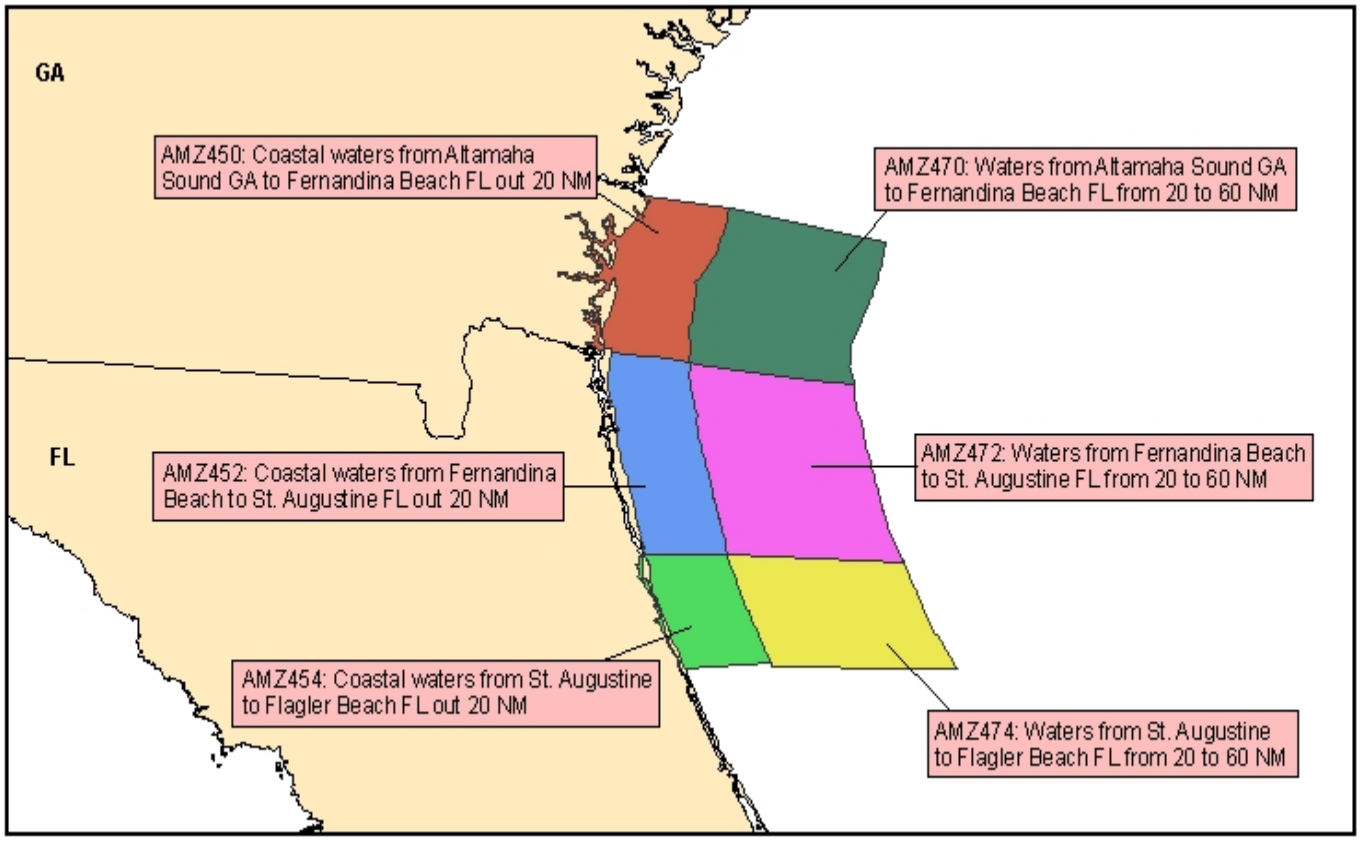
CHARLESTON, SC (CHS)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Georgetown-Charleston, SC, county line to SC-GA border, out 20 NM, including Charleston Harbor. (40 NM for Special Marine Warnings)
SC-GA border to Glynn-McIntosh, GA, county line, out 60 NM
Includes the Grays Reef National Marine Sanctuary

AMZ300	Synopsis for southern South Carolina and northern Georgia waters
AMZ350	Coastal waters from South Santee River to Edisto Beach SC out 20 NM
AMZ352	Coastal waters from Edisto Beach SC to Savannah GA out 20 NM
AMZ330	Charleston Harbor
AMZ370*	*Waters from South Santee River SC to Savannah GA from 20 to 40 NM
AMZ354	Coastal waters from Savannah to Altamaha Sound GA out 20 NM...including Grays Reef National Marine Sanctuary
AMZ374	Waters from Savannah to Altamaha Sound GA from 20 to 60 NM

*For Special Marine Warning purposes only.

MARINE ZONES FOR WFO JACKSONVILLE, FL



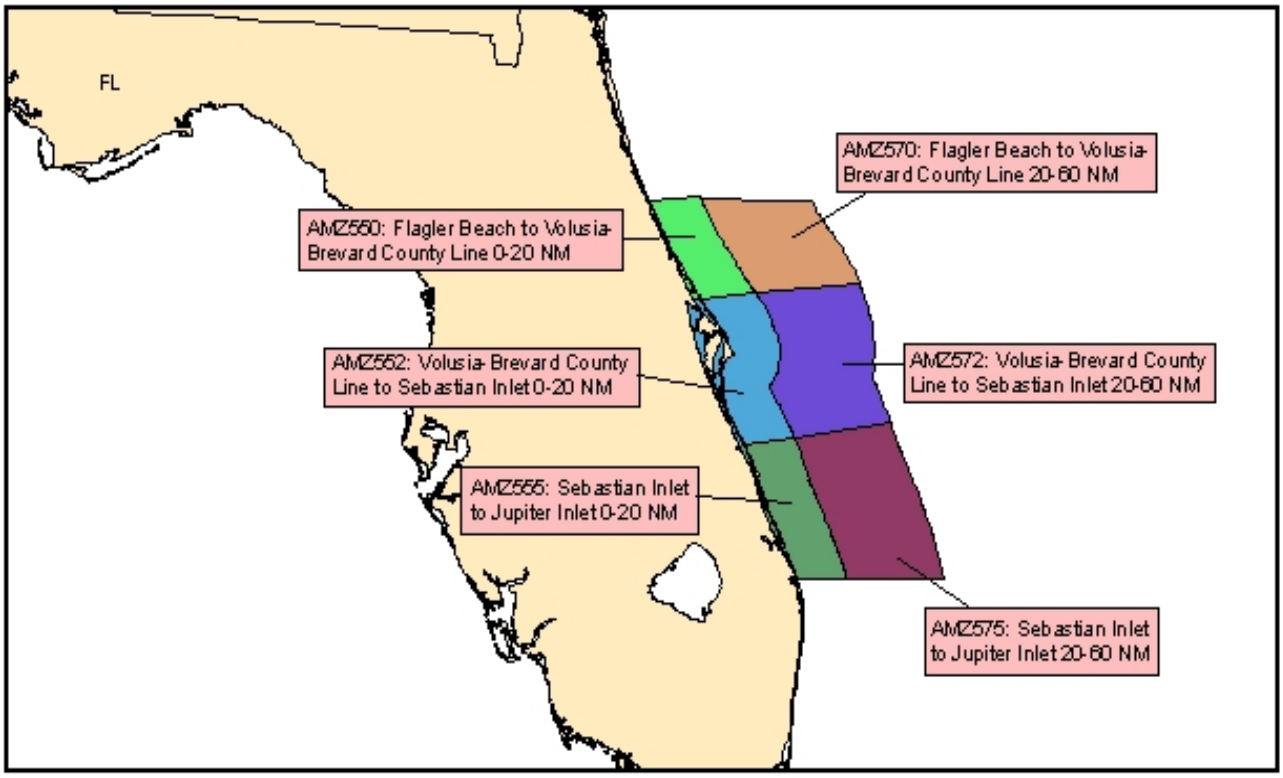
JACKSONVILLE, FL (JAX)

AREA OF RESPONSIBILITY BOUNDARIES

Glynn-McIntosh, GA, county line to Volusia-Flagler, FL, county line, out to 60 NM

AMZ400	Synopsis for Altamaha Sound GA to Flagler Beach FL out 60 NM
AMZ450	Coastal waters from Altamaha Sound GA to Fernandina Beach FL out 20 NM
AMZ470	Waters from Altamaha Sound GA to Fernandina Beach FL from 20 to 60 NM
AMZ452	Coastal waters from Fernandina Beach to St. Augustine FL out 20 NM
AMZ472	Waters from Fernandina Beach to St. Augustine FL from 20 to 60 NM
AMZ454	Coastal waters from St. Augustine to Flagler Beach FL out 20 NM
AMZ474	Waters from St. Augustine to Flagler Beach FL from 20 to 60 NM

MARINE ZONES FOR WFO MELBOURNE, FL

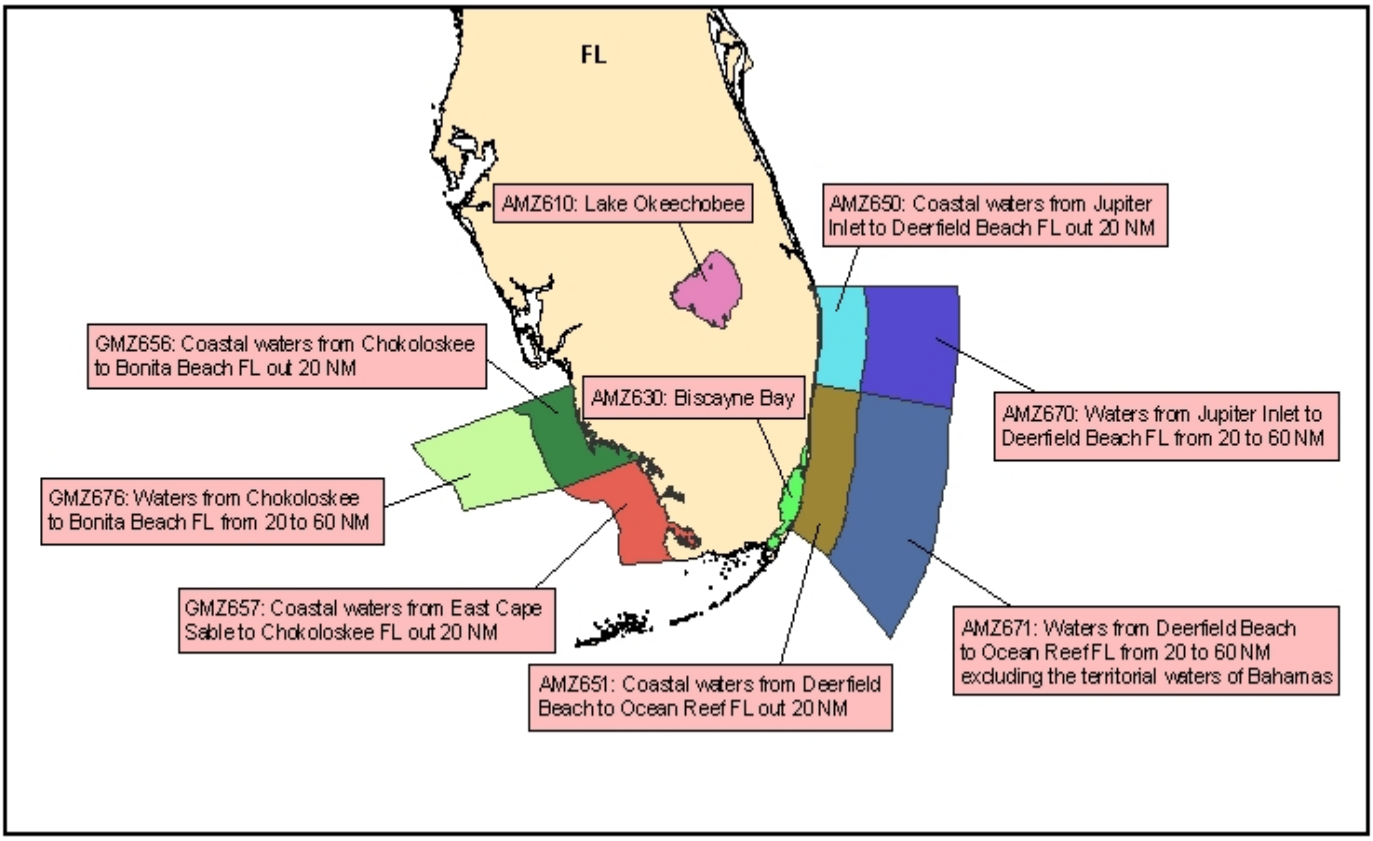


MELBOURNE, FL (MLB)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Volusia-Flagler, FL, county line to Martin-Palm Beach, FL, county line, out 60 NM

AMZ500	Synopsis for Flagler Beach to Jupiter Inlet FL out 60 NM
AMZ550	Flagler Beach to Volusia-Brevard County Line 0-20 NM
AMZ552	Volusia-Brevard County Line to Sebastian Inlet 0-20 NM
AMZ555	Sebastian Inlet to Jupiter Inlet 0-20 NM
AMZ570	Flagler Beach to Volusia-Brevard County Line 20-60 NM
AMZ572	Volusia-Brevard County Line to Sebastian Inlet 20-60 NM
AMZ575	Sebastian Inlet to Jupiter Inlet 20-60 NM

MARINE ZONES FOR WFO MIAMI, FL



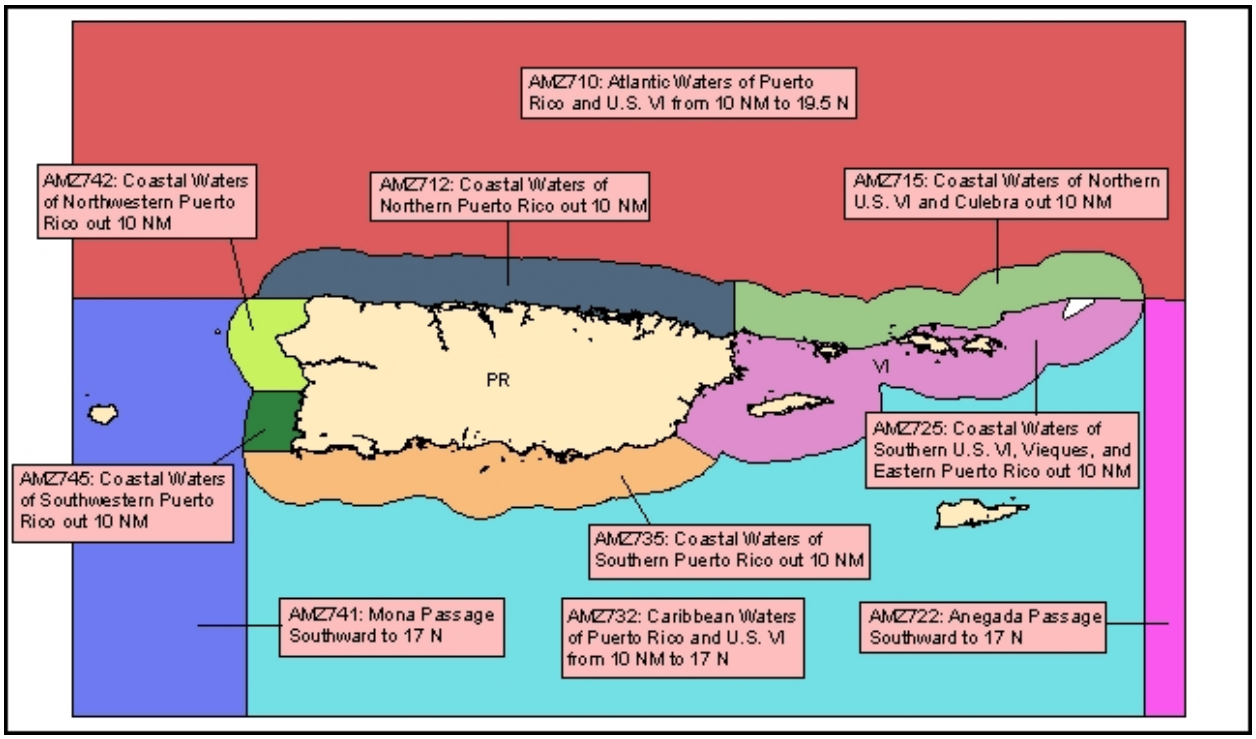
MIAMI, FL (MFL)

AREA OF RESPONSIBILITY BOUNDARIES

Martin-Palm Beach, FL, county line to Lee-Collier, FL, county line, excluding Florida Bay and the Keys, out 60 NM

AMZ600	Synopsis for Jupiter Inlet to Ocean Reef FL including Biscayne Bay out 60 NM
AMZ610	Lake Okeechobee
AMZ650	Coastal waters from Jupiter Inlet to Deerfield Beach FL out 20 NM
AMZ670	Waters from Jupiter Inlet to Deerfield Beach FL from 20 to 60 NM
AMZ630	Biscayne Bay
AMZ651	Coastal waters from Deerfield Beach to Ocean Reef FL out 20 NM
AMZ671	Waters from Deerfield Beach to Ocean Reef FL from 20 to 60 NM, excluding the territorial waters of the Bahamas
GMZ606	Synopsis for East Cape Sable to Bonita Beach FL out 60 NM
GMZ656	Coastal waters from Chokoloskee to Bonita Beach FL out 20 NM
GMZ657	Coastal waters from East Cape Sable to Chokoloskee FL out 20 NM
GMZ676	Waters from Chokoloskee to Bonita Beach FL from 20 to 60 NM

MARINE ZONES FOR WFO SAN JUAN, PR

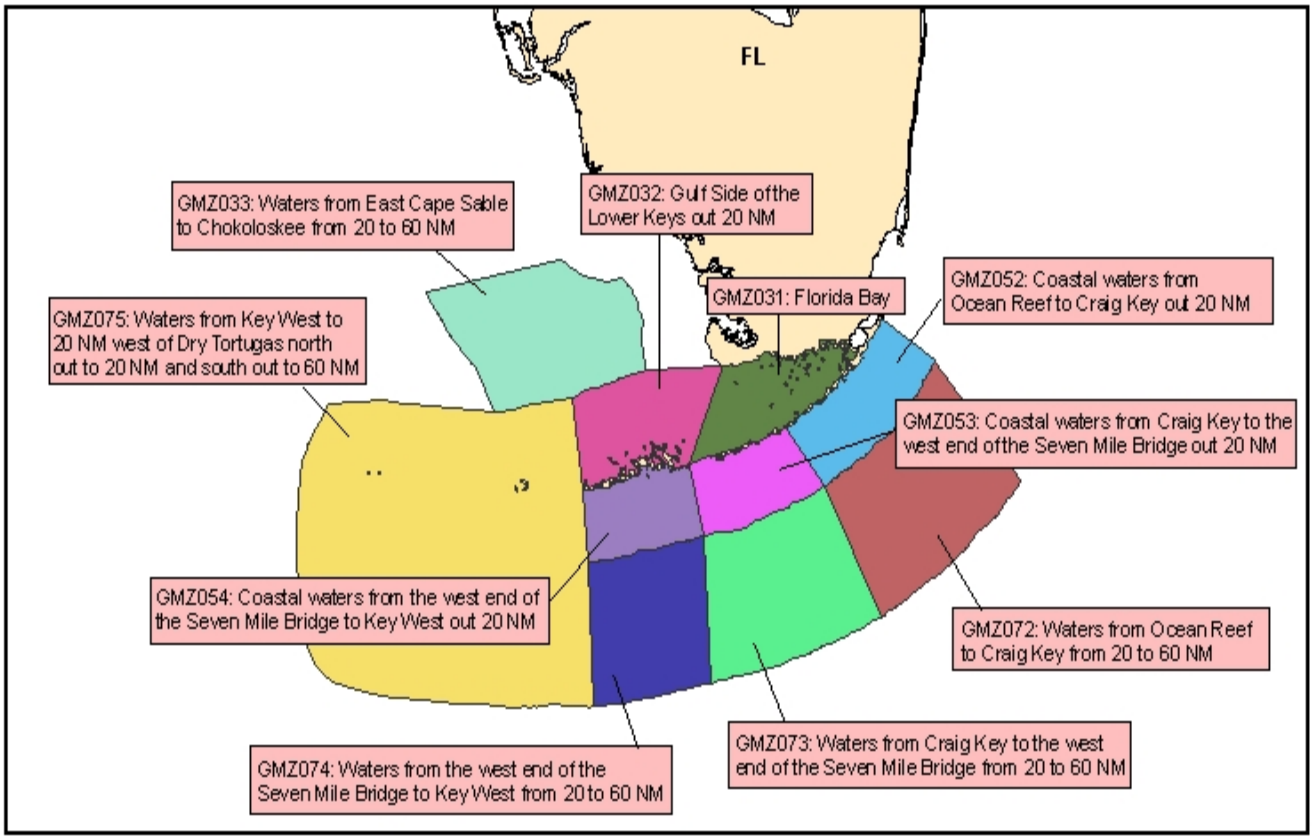


SAN JUAN, PR (SJU)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Puerto Rico and U.S. Virgin Islands Waters

AMZ700	Synopsis for Puerto Rico and U.S. Virgin Islands waters
AMZ710	Atlantic Waters of Puerto Rico and U.S. VI from 10 NM to 19.5 N.
AMZ712	Coastal Waters of Northern Puerto Rico out 10 NM
AMZ715	Coastal Waters of Northern U.S. VI and Culebra out 10 NM
AMZ722	Anegada Passage Southward to 17 N
AMZ725	Coastal Waters of Southern U.S. VI, Vieques, and Eastern Puerto Rico out 10 NM
AMZ732	Caribbean Waters of Puerto Rico and U.S. VI from 10 NM to 17 N
AMZ735	Coastal Waters of Southern Puerto Rico out 10 NM
AMZ741	Mona Passage Southward to 17 N
AMZ742	Coastal Waters of Northwestern Puerto Rico out 10 NM
AMZ745	Coastal Waters of Southwestern Puerto Rico out 10 NM

MARINE ZONES FOR WFO KEY WEST, FL

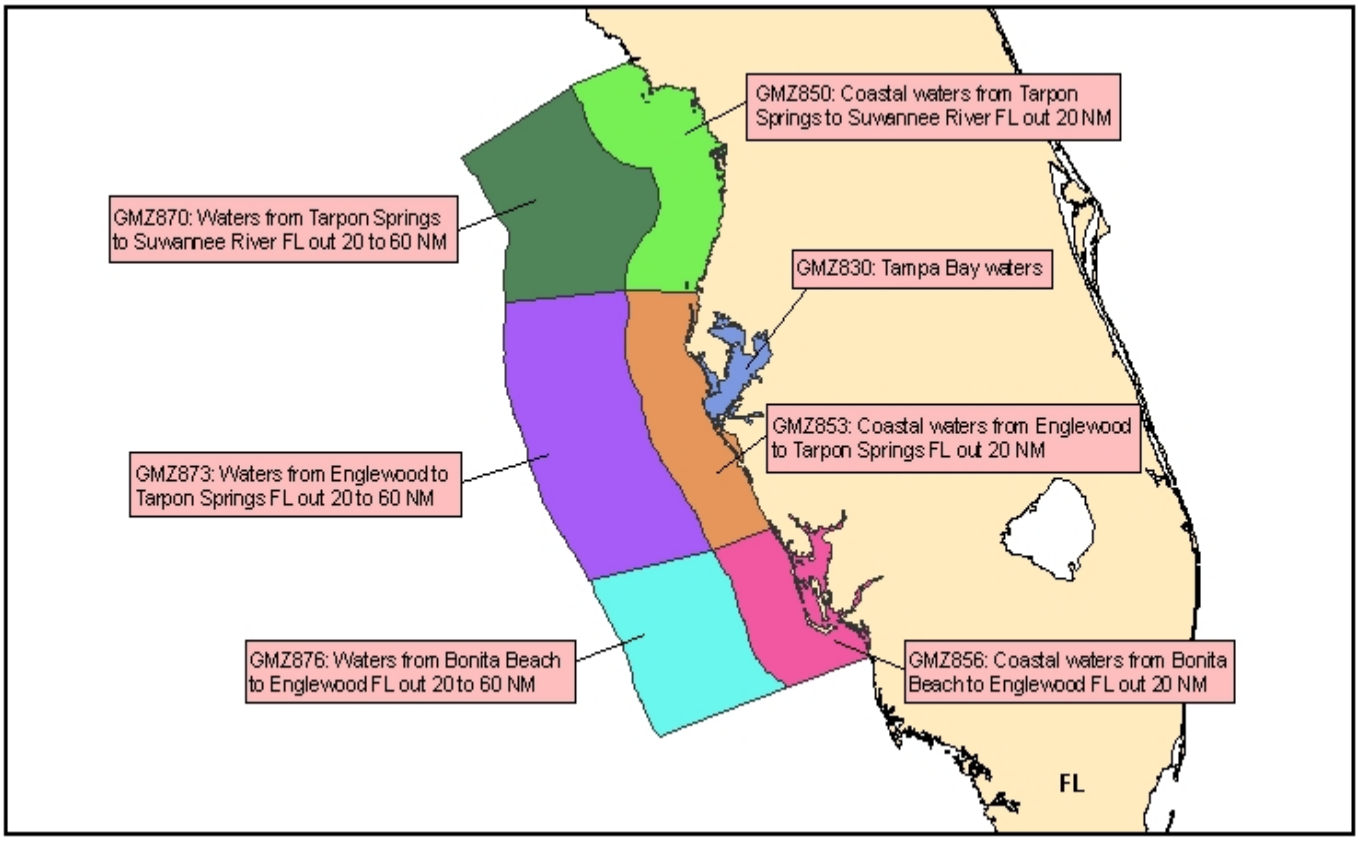


KEY WEST, FL (KEY)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Florida Bay and the Keys
Includes the Florida Keys National Marine Sanctuary

GMZ005	Synopsis for Florida Keys Coastal Waters
GMZ052	Coastal waters from Ocean Reef to Craig Key out 20 NM
GMZ072	Waters from Ocean Reef to Craig Key from 20 to 60 NM
GMZ031	Florida Bay
GMZ032	Gulf Side of the Lower Keys out 20 NM
GMZ053	Coastal waters from Craig Key to the west end of the Seven Mile Bridge out 20 NM
GMZ073	Waters from Craig Key to the west end of the Seven Mile Bridge from 20 to 60 NM
GMZ054	Coastal waters from the west end of the Seven Mile Bridge to Key West out 20 NM
GMZ074	Waters from the west end of the Seven Mile Bridge to Key West from 20 to 60 NM
GMZ075	Waters from Key West to 20 NM west of Dry Tortugas out to 20 NM and south out to 60 NM
GMZ033	Waters from East Cape Sable to Chokoloskee from 20 to 60 NM

MARINE ZONES FOR WFO TAMPA, FL

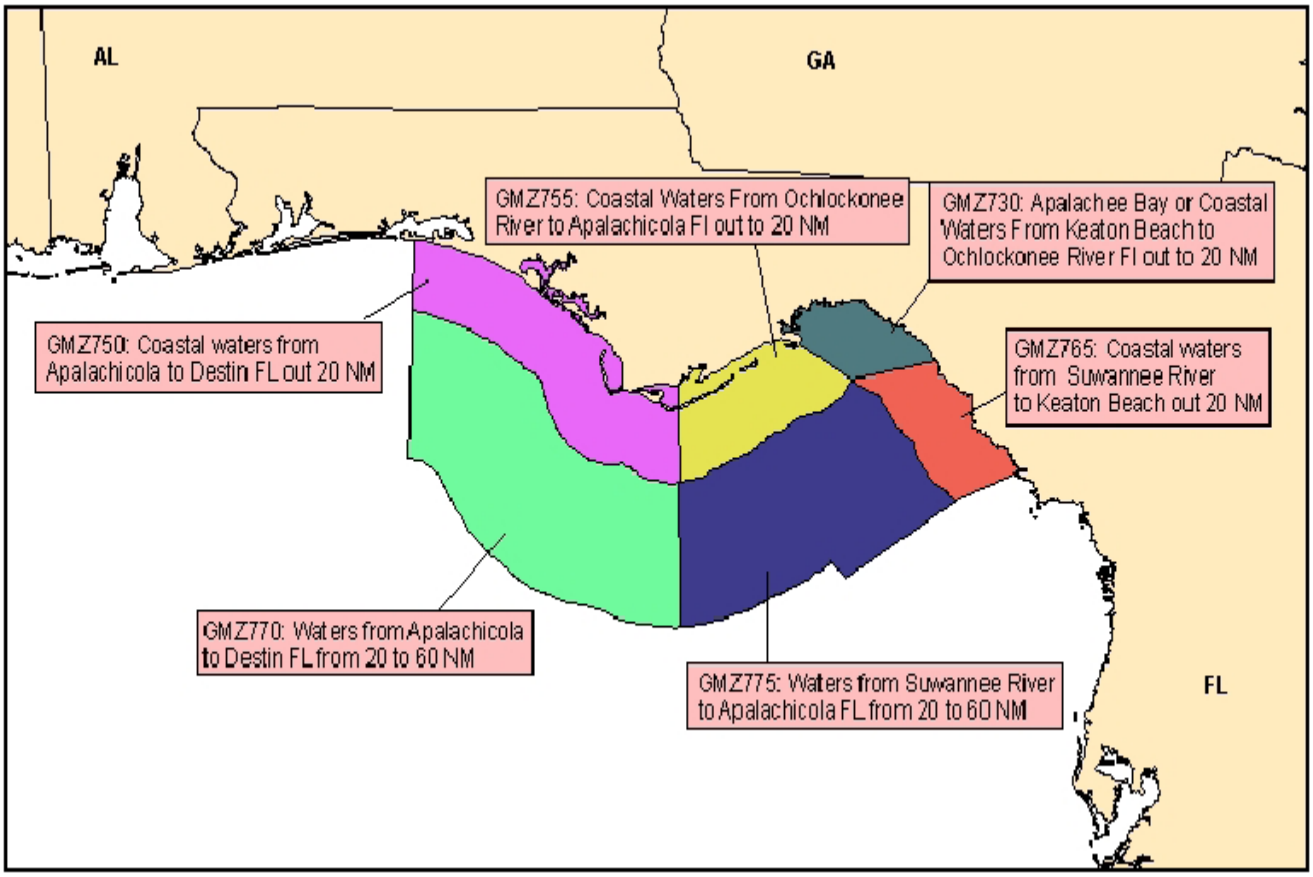


TAMPA, FL (TBW)

AREA OF RESPONSIBILITY BOUNDARIES
Lee-Collier county line to Levy-Dixie, FL county line, out 60 NM

GMZ800	Synopsis for the coastal waters from Bonita Beach to Suwannee River FL out 60 NM
GMZ856	Coastal waters from Bonita Beach to Englewood FL out 20 NM
GMZ876	Waters from Bonita Beach to Englewood FL out 20 to 60 NM
GMZ830	Tampa Bay waters
GMZ853	Coastal waters from Englewood to Tarpon Springs FL out 20 NM
GMZ873	Waters from Englewood to Tarpon Springs FL out 20 to 60 NM
GMZ850	Coastal waters from Tarpon Springs to Suwannee River FL out 20 NM
GMZ870	Waters from Tarpon Springs to Suwannee River FL out 20 to 60 NM

MARINE ZONES FOR WFO TALLAHASSEE, FL

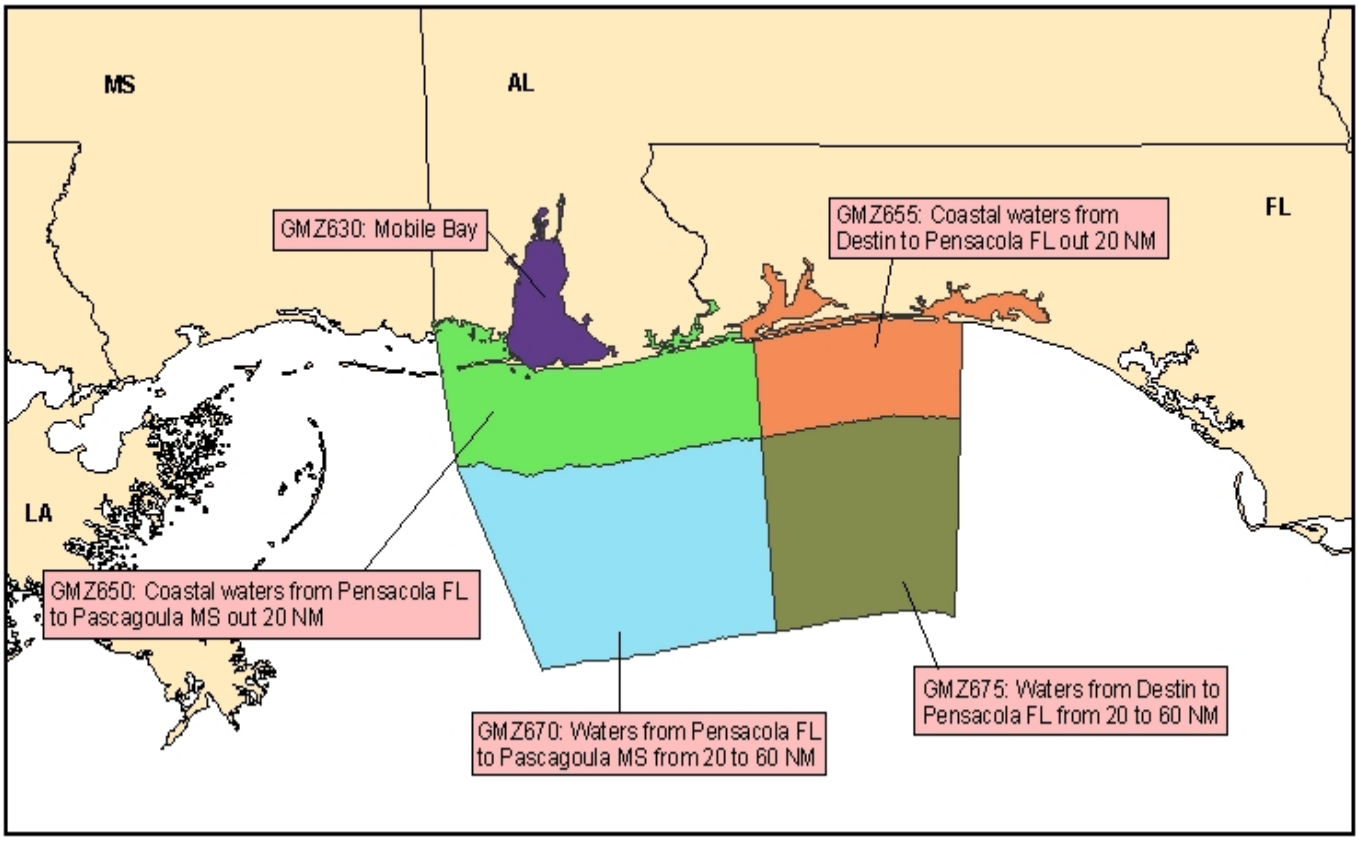


TALLAHASSEE, FL (TAE)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Levy-Dixie county line to Okaloosa-Walton, FL, county line, out 60 NM

GMZ700	Synopsis for Suwannee River to Destin FL out 60 NM
GMZ730	Apalachee Bay or Coastal Waters From Keaton Beach to Ochlockonee River FL out to 20 NM
GMZ755	Coastal Waters from Ochlockonee River to Apalachicola FL out to 20 NM
GMZ775	Waters from Suwannee River to Apalachicola FL from 20 to 60 NM
GMZ750	Coastal waters from Apalachicola to Destin FL out 20 NM
GMZ765	Coastal waters from Suwanee River to Keaton Beach out 20 NM
GMZ770	Waters from Apalachicola to Destin FL from 20 to 60 NM

MARINE ZONES FOR WFO MOBILE, AL



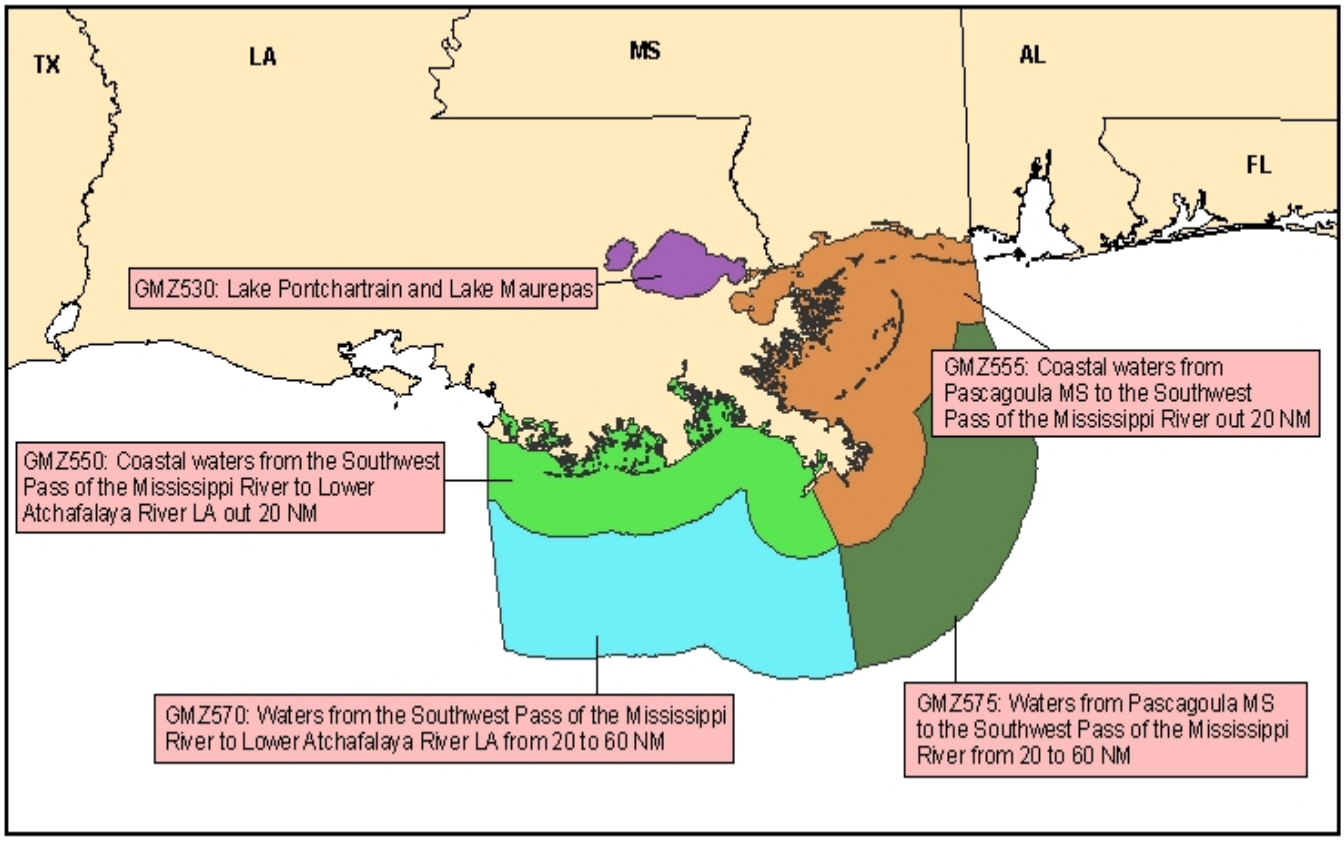
MOBILE, AL (MOB)

AREA OF RESPONSIBILITY BOUNDARIES

Okaloosa-Walton, FL, county line to Alabama-Mississippi state line, out 60 NM

GMZ600	Synopsis for Destin FL to Pascagoula MS out 60 NM including Mobile Bay
GMZ655	Coastal waters from Destin to Pensacola FL out 20 NM
GMZ675	Waters from Destin to Pensacola FL from 20 to 60 NM
GMZ650	Coastal waters from Pensacola FL to Pascagoula MS out 20 NM
GMZ670	Waters from Pensacola FL to Pascagoula MS from 20 to 60 NM
GMZ630	Mobile Bay

MARINE ZONES FOR WFO SLIDELL, LA



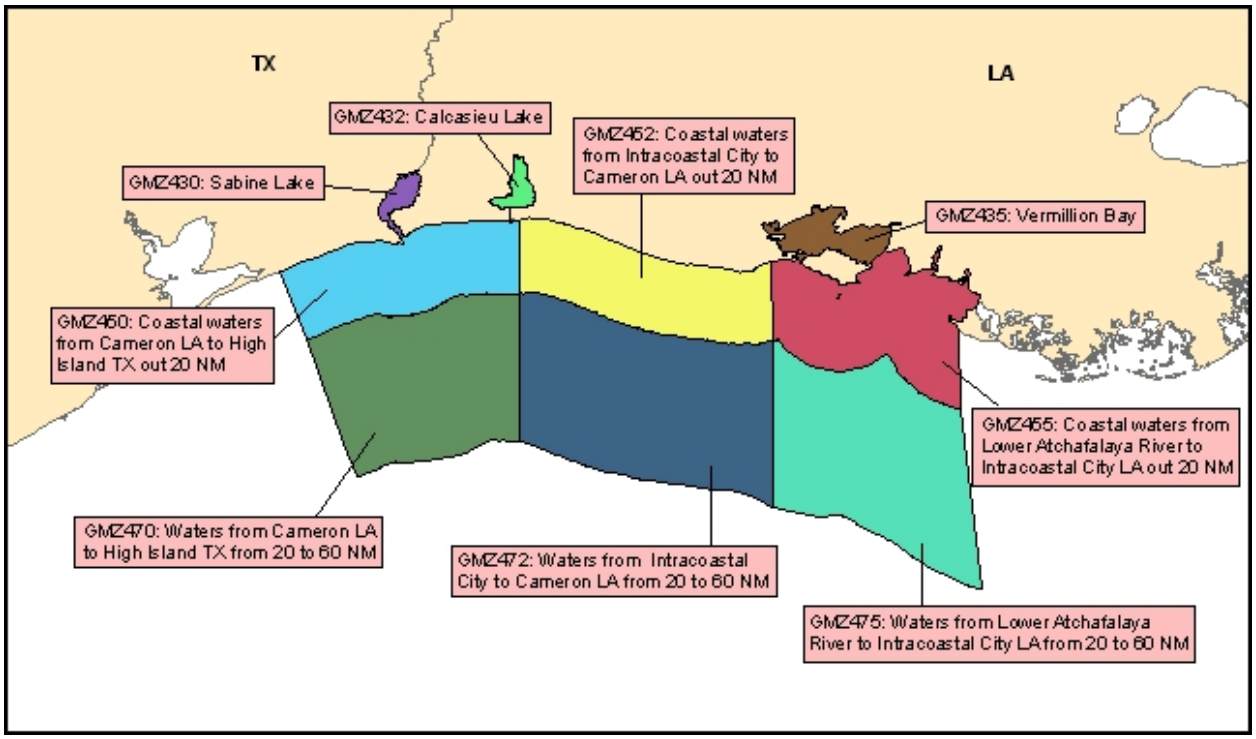
SLIDELL, LA (LIX)

AREA OF RESPONSIBILITY BOUNDARIES

Alabama-Mississippi state line to Terrebone-St. Mary parish line, out 60 NM

GMZ500	Synopsis Pascagoula to SW Pass Mississippi River
GMZ501	Synopsis for SW Pass of the Mississippi River to Atchafalaya River
GMZ530	Lake Pontchartrain and Lake Maurepas
GMZ555	Coastal waters from Pascagoula MS to the Southwest Pass of the Mississippi River out 20 NM
GMZ575	Waters from Pascagoula MS to the Southwest Pass of the Mississippi River from 20 to 60 NM
GMZ550	Coastal waters from the Southwest Pass of the Mississippi River to Lower Atchafalaya River LA out 20 NM
GMZ570	Waters from the Southwest Pass of the Mississippi River to Lower Atchafalaya River LA from 20 to 60 NM

MARINE ZONES FOR WFO LAKE CHARLES, LA



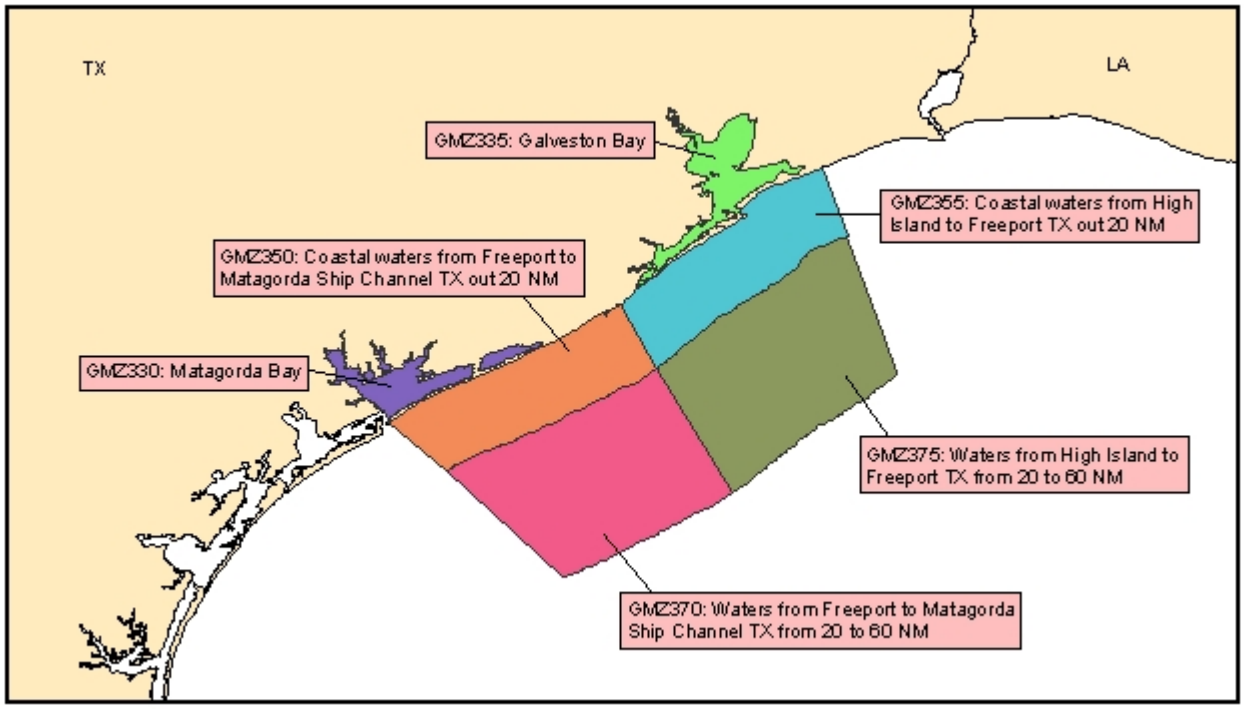
LAKE CHARLES, LA (LCH)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>

Terrebone-St. Mary parish line to the Chambers-Jefferson, TX, county line, out 60 NM

GMZ400	Synopsis for Lower Atchafalaya River LA to High Island TX out 60 NM
GMZ455	Coastal waters from Lower Atchafalaya River to Intracoastal City LA out 20 NM
GMZ475	Waters from Lower Atchafalaya River to Intracoastal City LA from 20 to 60 NM
GMZ452	Coastal waters from Intracoastal City to Cameron LA out 20 NM
GMZ472	Waters from Intracoastal City to Cameron LA from 20 to 60 NM
GMZ450	Coastal waters from Cameron LA to High Island TX out 20 NM
GMZ470	Waters from Cameron LA to High Island TX from 20 to 60 NM
GMZ430	Sabine Lake
GMZ432	Calcasieu Lake
GMZ435	Vermillion Bay

MARINE ZONES FOR WFO HOUSTON-GALVESTON, TX

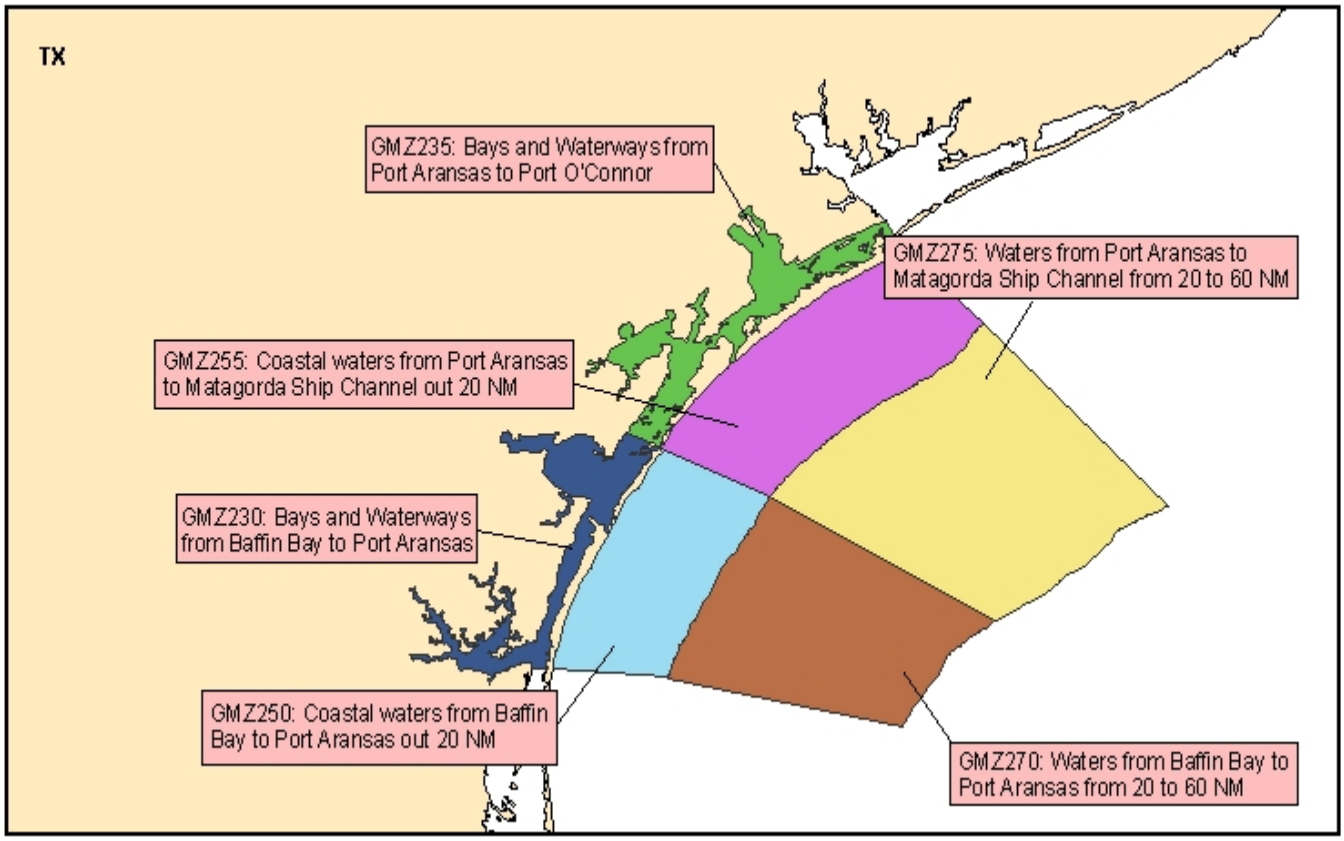


HOUSTON-GALVESTON, TX (HGX)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Chambers-Jefferson county line to Calhoun-Matagorda, TX, county line, out 60 NM

GMZ300	Synopsis for High Island to Matagorda Ship Channel out 60 NM, including Galveston and Matagorda Bays
GMZ335	Galveston Bay
GMZ355	Coastal waters from High Island to Freeport TX out 20 NM
GMZ375	Waters from High Island to Freeport TX from 20 to 60 NM
GMZ330	Matagorda Bay
GMZ350	Coastal waters from Freeport to Matagorda Ship Channel TX out 20 NM
GMZ370	Waters from Freeport to Matagorda Ship Channel TX from 20 to 60 NM

MARINE ZONES FOR WFO CORPUS CHRISTI, TX



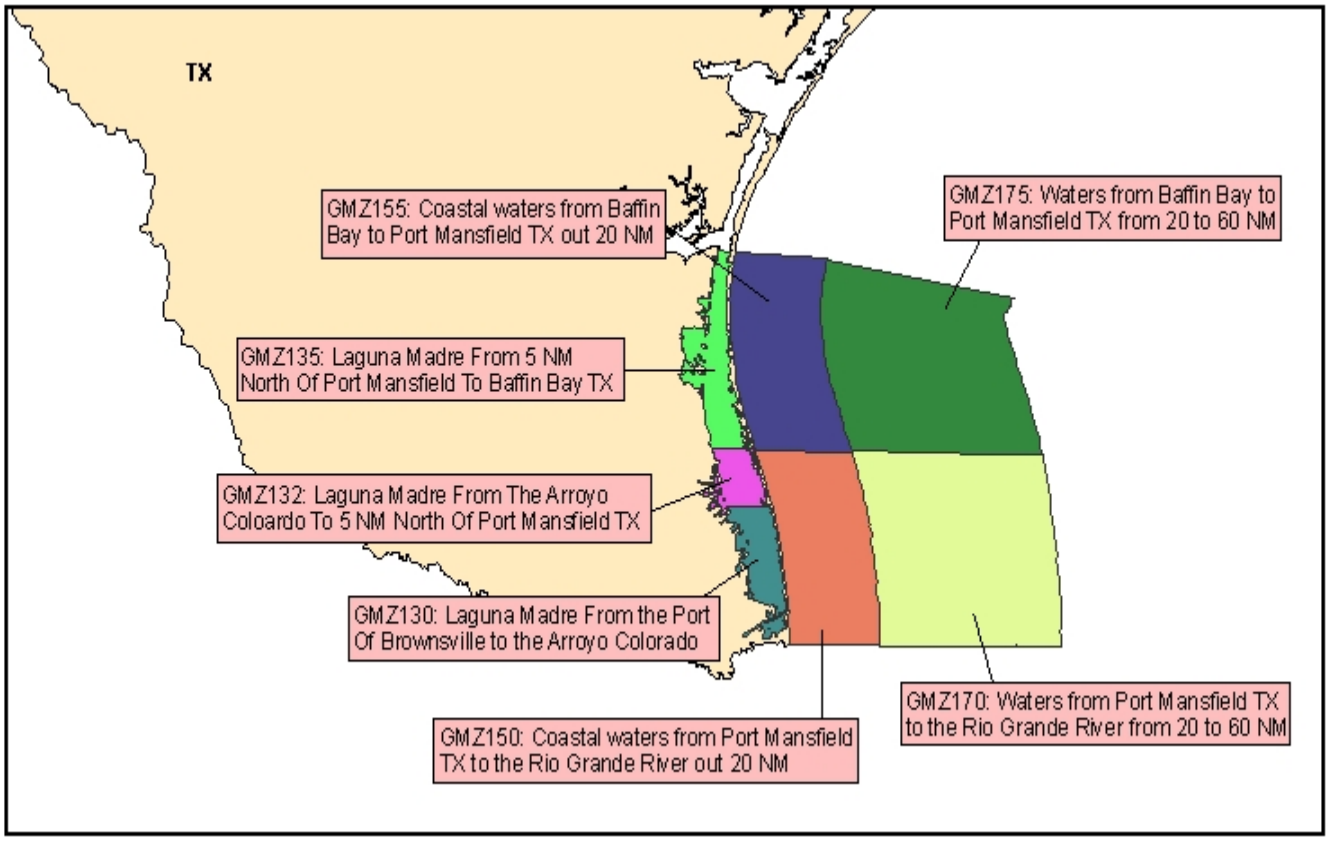
CORPUS CHRISTI, TX (CRP)

AREA OF RESPONSIBILITY BOUNDARIES

Calhoun-Matagorda county line to Kenedy-Kleberg, TX, county line, out 60 NM

GMZ200	Synopsis for the middle Texas coastal waters
GMZ235	Bays and Waterways from Port Aransas to Port O'Connor
GMZ255	Coastal waters from Port Aransas to Matagorda Ship Channel out 20 NM
GMZ275	Waters from Port Aransas to Matagorda Ship Channel from 20 to 60 NM
GMZ230	Bays and Waterways from Baffin Bay to Port Aransas
GMZ250	Coastal waters from Baffin Bay to Port Aransas out 20 NM
GMZ270	Waters from Baffin Bay to Port Aransas from 20 to 60 NM

MARINE ZONES FOR WFO BROWNSVILLE, TX



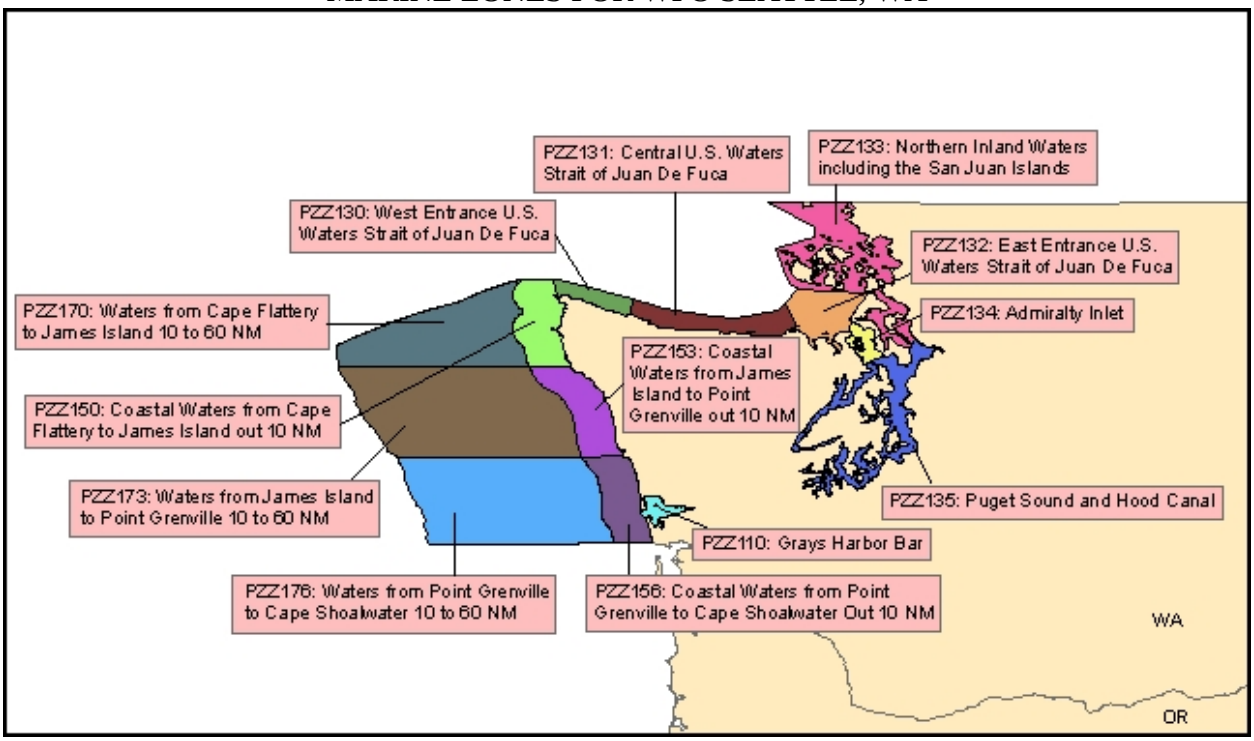
BROWNSVILLE, TX (BRO)

AREA OF RESPONSIBILITY BOUNDARIES

Kenedy-Kleberg, TX, county line to U.S.-Mexican border (Rio Grande River), out 60 NM

GMZ100	Synopsis from Baffin Bay to the Rio Grande River out 60 NM
GMZ155	Coastal waters from Baffin Bay to Port Mansfield TX out 20 NM
GMZ175	Waters from Baffin Bay to Port Mansfield TX from 20 to 60 NM
GMZ130	Laguna Madre from the Port of Brownsville to the Arroyo Colorado
GMZ132	Laguna Madre from the Arroyo Colorado to 5 NM North of Port Mansfield TX
GMZ135	Laguna Madre from 5 nm North of Port Mansfield to Baffin Bay TX
GMZ150	Coastal waters from Port Mansfield TX to the Rio Grande River out 20 NM
GMZ170	Waters from Port Mansfield TX to the Rio Grande River from 20 to 60 NM

MARINE ZONES FOR WFO SEATTLE, WA



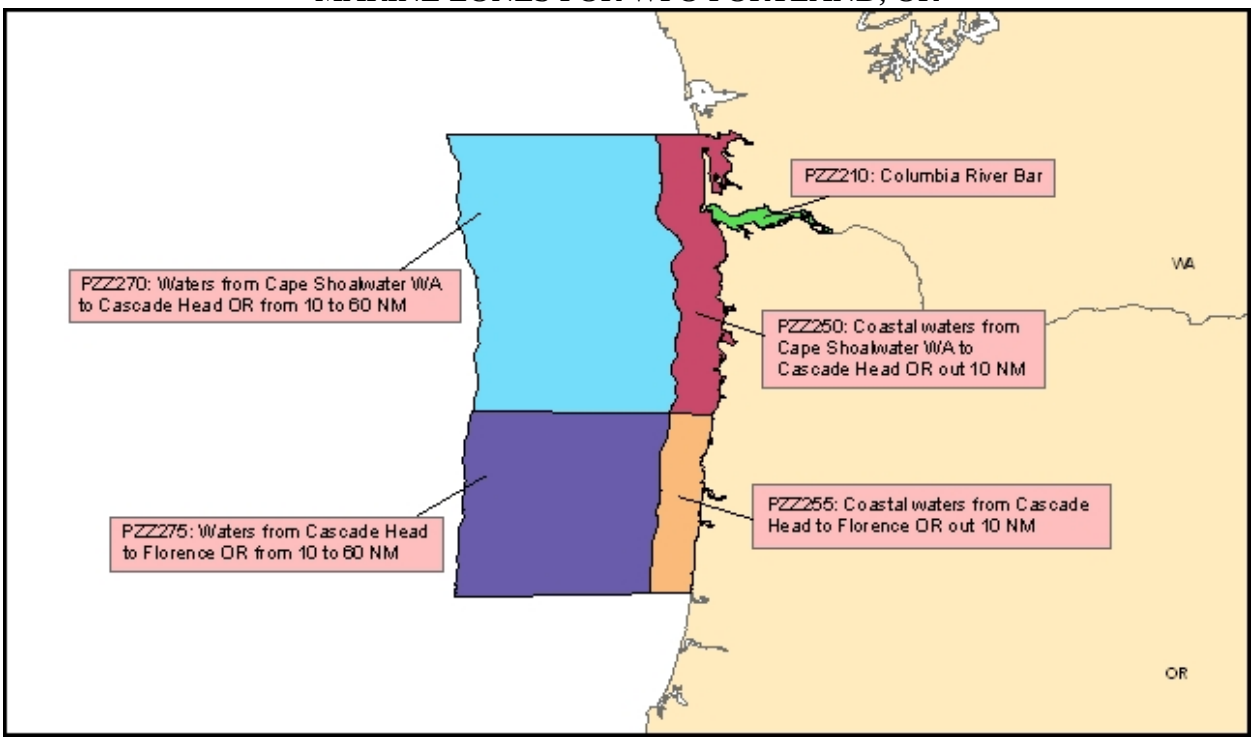
SEATTLE, WA (SEW)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>

Inland Waters of Western Washington and the Northern and Central Washington Coastal Waters
Includes the Olympic Coast National Marine Sanctuary

PZZ100	Synopsis for Northern and Central Washington Coastal and Inland Waters
PZZ133	Northern inland waters including the San Juan Islands
PZZ135	Puget Sound and Hood Canal
PZZ134	Admiralty Inlet
PZZ132	East Entrance U.S. waters Strait of Juan de Fuca
PZZ131	Central U.S. waters Strait of Juan de Fuca
PZZ130	West Entrance U.S. waters Strait of Juan de Fuca
PZZ150	Coastal waters from Cape Flattery to James Island out 10 NM
PZZ170	Waters from Cape Flattery to James Island 10 to 60 NM
PZZ153	Coastal waters from James Island to Point Grenville out 10 NM
PZZ173	Waters from James Island to Point Grenville 10 to 60 NM
PZZ156	Coastal waters from Point Grenville to Cape Shoalwater out 10 NM
PZZ176	Waters from Point Grenville to Cape Shoalwater 10 to 60 NM
PZZ110	Grays Harbor Bar - Two period wave/current forecast only

MARINE ZONES FOR WFO PORTLAND, OR



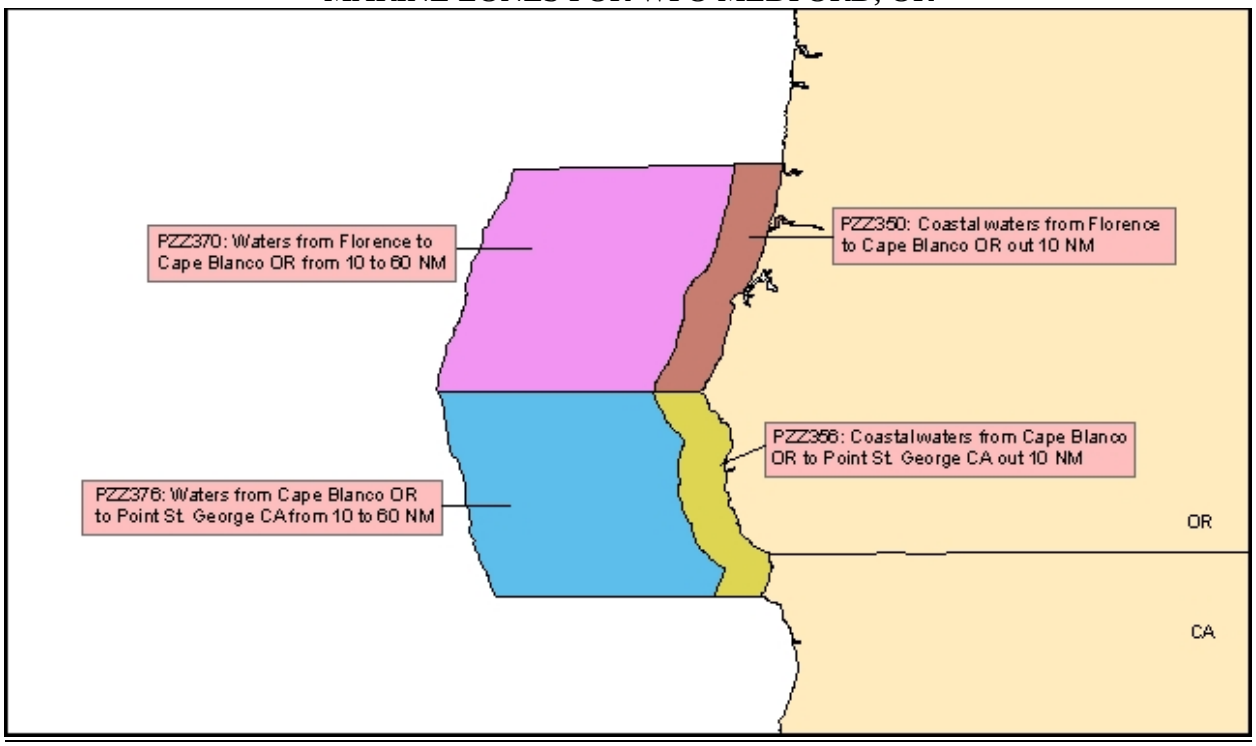
PORTLAND, OR (PQR)

AREA OF RESPONSIBILITY BOUNDARIES

Pacific-Grays Harbor, WA, county line to Douglas-Lane, OR, county line, out 60 NM

PZZ200	Synopsis for Southern Washington and Northern Oregon Coast
PZZ250	Coastal waters from Cape Shoalwater WA to Cascade Head OR out 10 NM
PZZ270	Waters from Cape Shoalwater WA to Cascade Head OR from 10 to 60 NM
PZZ210	Columbia River Bar - Two period wave/current forecast only
PZZ255	Coastal waters from Cascade Head to Florence OR out 10 NM
PZZ275	Waters from Cascade Head to Florence OR from 10 to 60 NM

MARINE ZONES FOR WFO MEDFORD, OR



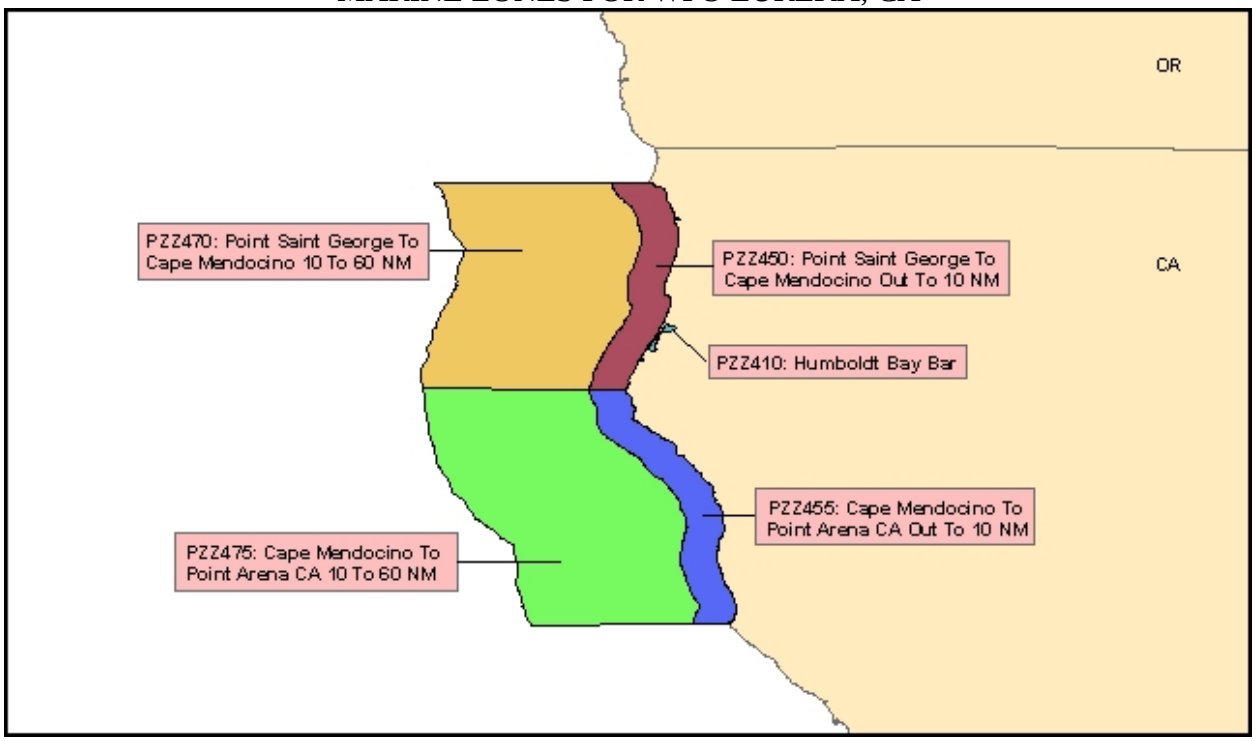
MEDFORD, OR (MFR)

AREA OF RESPONSIBILITY BOUNDARIES

Douglas-Lane, OR, county line to Oregon-California border, out 60 NM

PZZ300	Synopsis for the Southern Oregon Coastal Waters
PZZ350	Coastal waters from Florence to Cape Blanco OR out 10 NM
PZZ370	Waters from Florence to Cape Blanco OR from 10 to 60 NM
PZZ356	Coastal waters from Cape Blanco OR to Pt. St. George CA out 10 NM
PZZ376	Waters from Cape Blanco OR to Pt. St. George CA from 10 to 60 NM

MARINE ZONES FOR WFO EUREKA, CA

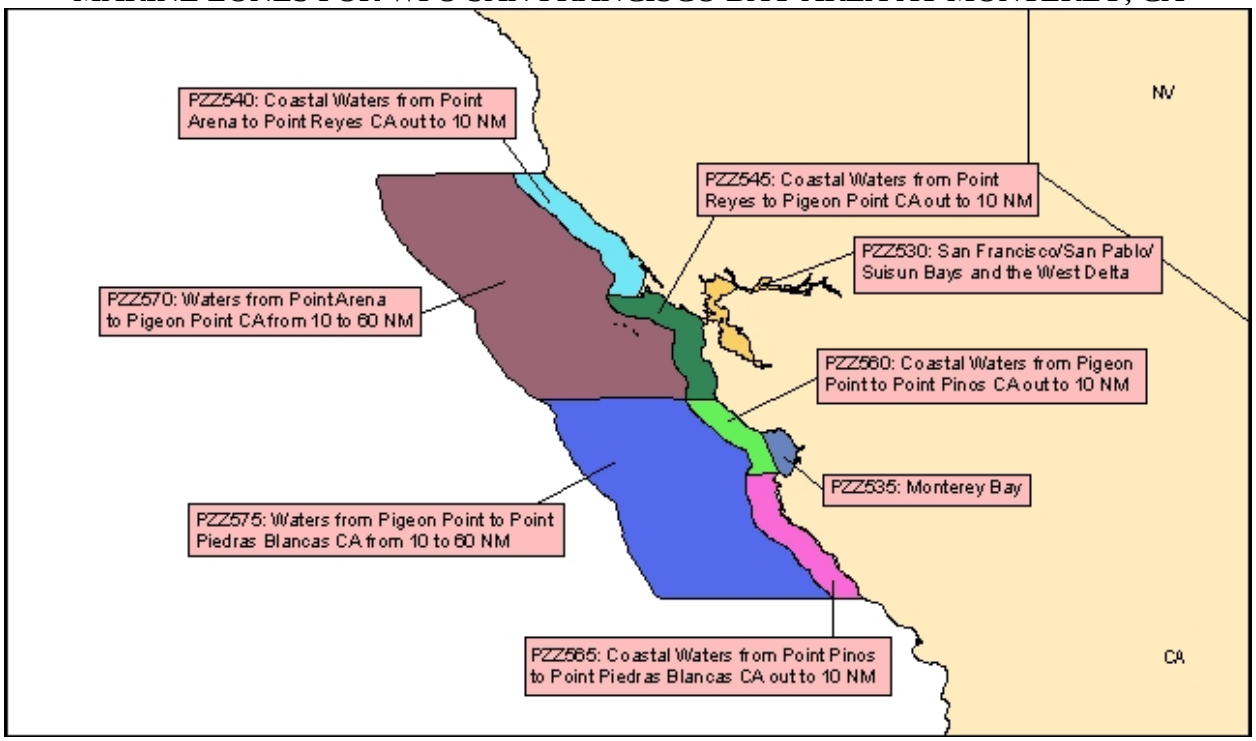


EUREKA, CA (EKA)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Oregon-California border to Sonoma-Mendocino, CA county line, out 60 NM

PZZ400	Synopsis for Northern California Waters
PZZ450	Point St. George to Cape Mendocino out to 10 NM
PZZ470	Point St. George to Cape Mendocino 10 to 60 NM
PZZ455	Cape Mendocino to Point Arena out to 10 NM
PZZ475	Cape Mendocino to Point Arena 10 to 60 NM
PZZ410	Humboldt Bay Bar - Three period wave/current forecast only – The forecast will be provided for the first three days of the corresponding Coastal Waters Forecast.

MARINE ZONES FOR WFO SAN FRANCISCO BAY AREA AT MONTEREY, CA



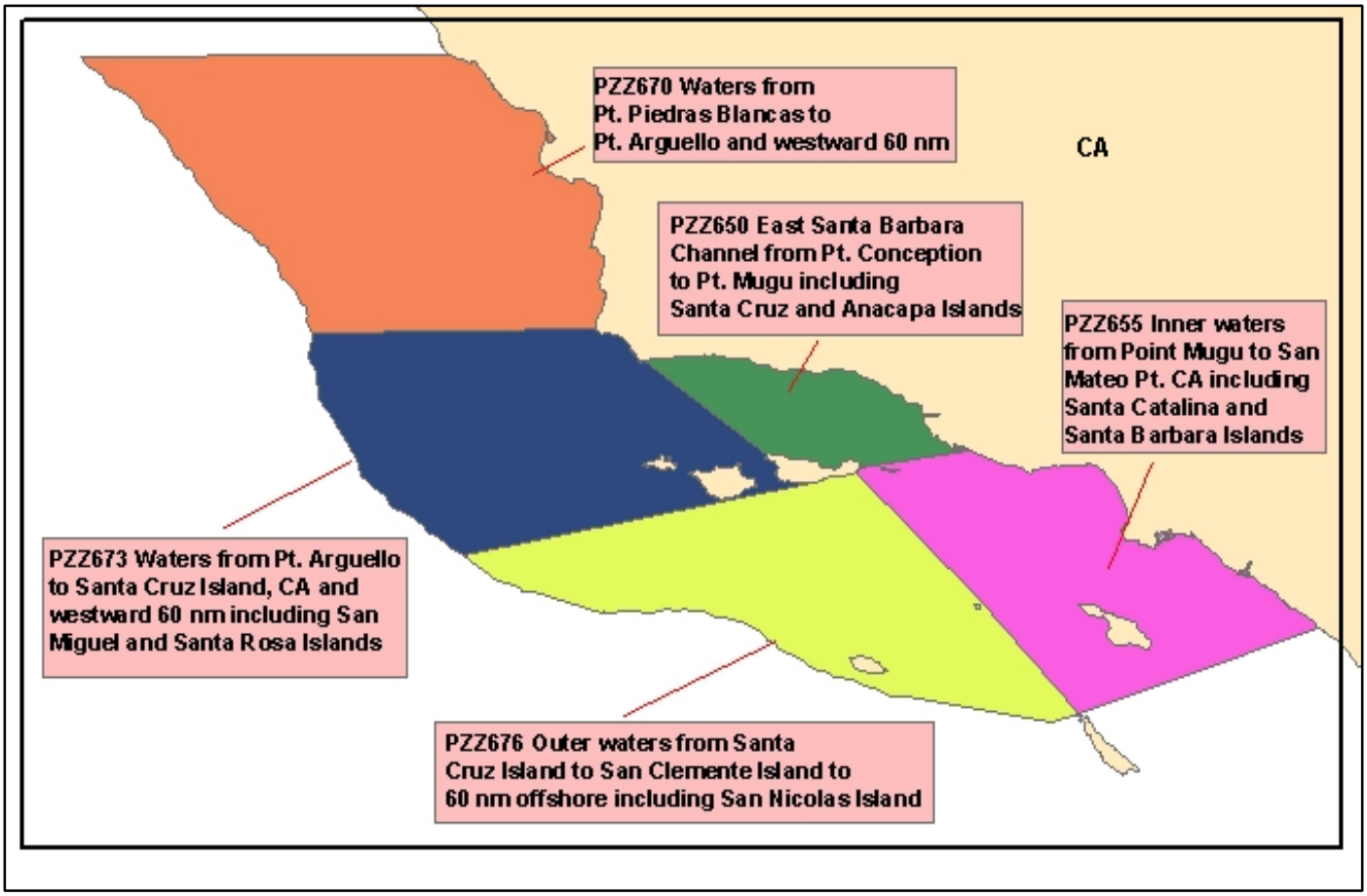
SAN FRANCISCO BAY AREA AT MONTEREY, CA (MTR)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>

Sonoma-Mendocino county line to Monterey-San Luis Obispo, CA county line, out 60 NM
Includes the Monterey Bay, Gulf of the Farallones, and Cordell Bank National Marine Sanctuaries

PZZ500	Synopsis for Central California Coast and Bays including Monterey Bay…Gulf of the Farallones…and Cordell Bank National Marine Sanctuaries
PZZ540	Coastal Waters from Point Arena to Point Reyes CA out to 10 NM
PZZ545	Coastal Waters from Point Reyes to Pigeon Point CA out to 10 NM
PZZ560	Coastal Waters from Pigeon Point to Point Pinos CA out to 10 NM
PZZ565	Coastal Waters from Point Pinos to Point Piedras Blancas CA out to 10 NM
PZZ570	Waters from Point Arena to Pigeon Point CA from 10 to 60 NM
PZZ575	Waters from Pigeon Point to Point Piedras Blancas CA from 10 to 60 NM
PZZ535	Monterey Bay
PZZ530	San Francisco San Pablo Suisun Bays and the West Delta

MARINE ZONES FOR WFO LOS ANGELES, CA

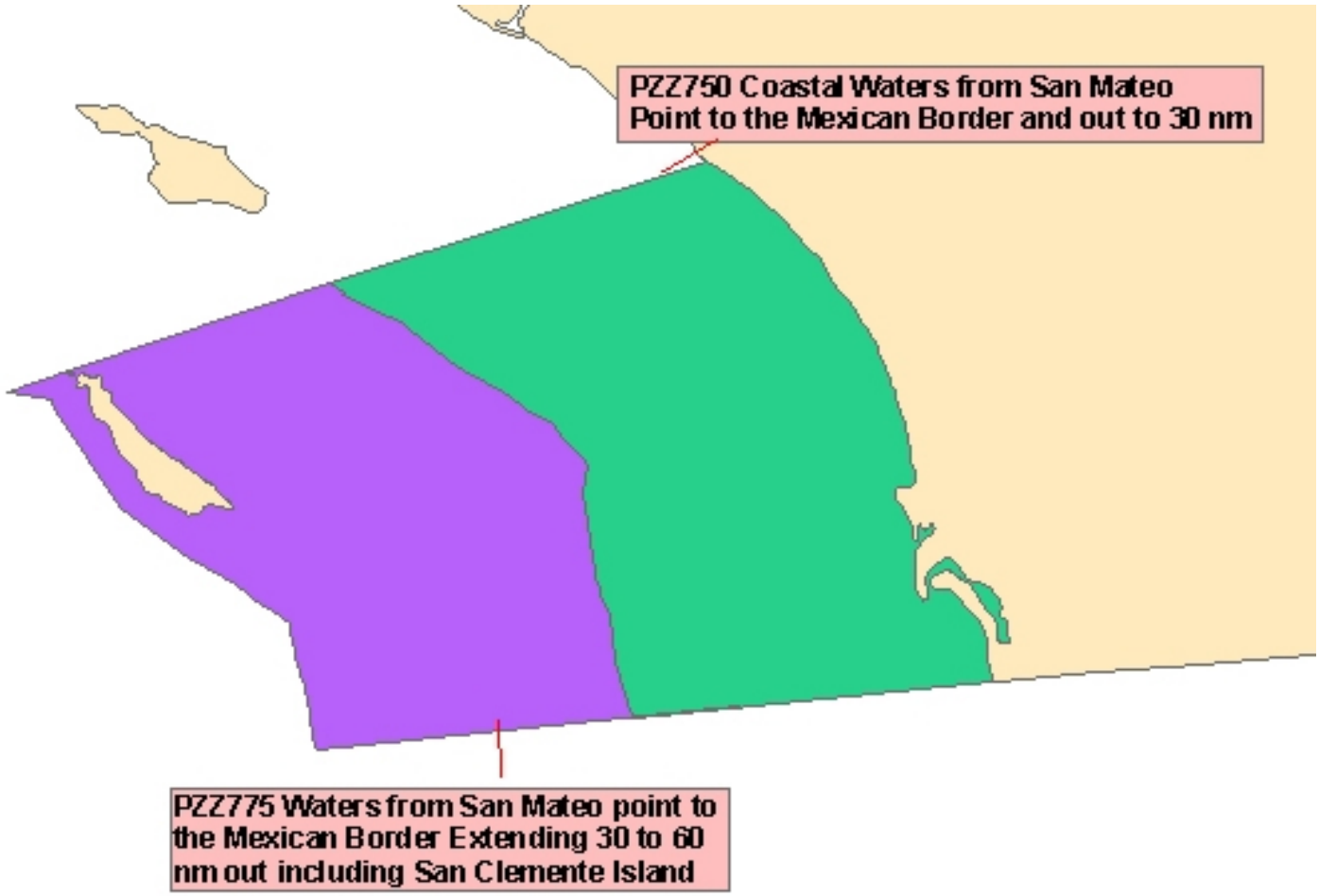


LOS ANGELES, CA (LOX)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Monterey-San Luis Obispo county line to San Diego-Orange, CA county line, out 60 NM
Includes the Channel Islands National Marine Sanctuary

PZZ600	Synopsis for Southern California Coast and Santa Barbara Channel including the Channel Islands National Marine Sanctuary
PZZ670	Waters from Point Piedras Blancas to Point Arguello CA westward 60 NM
PZZ673	Waters from Point Arguello to Santa Cruz Island CA westward 60 NM including San Miguel and Santa Rosa Islands
PZZ650	East Santa Barbara Channel from Point Conception to Point Mugu CA including Santa Cruz and Anacapa Islands
PZZ655	Inner waters from Point Mugu to San Mateo Point CA including Santa Catalina and Santa Barbara Islands
PZZ676	Outer waters from Santa Cruz Island to San Clemente Island to 60 NM offshore including San Nicholas Island

MARINE ZONES FOR WFO SAN DIEGO, CA



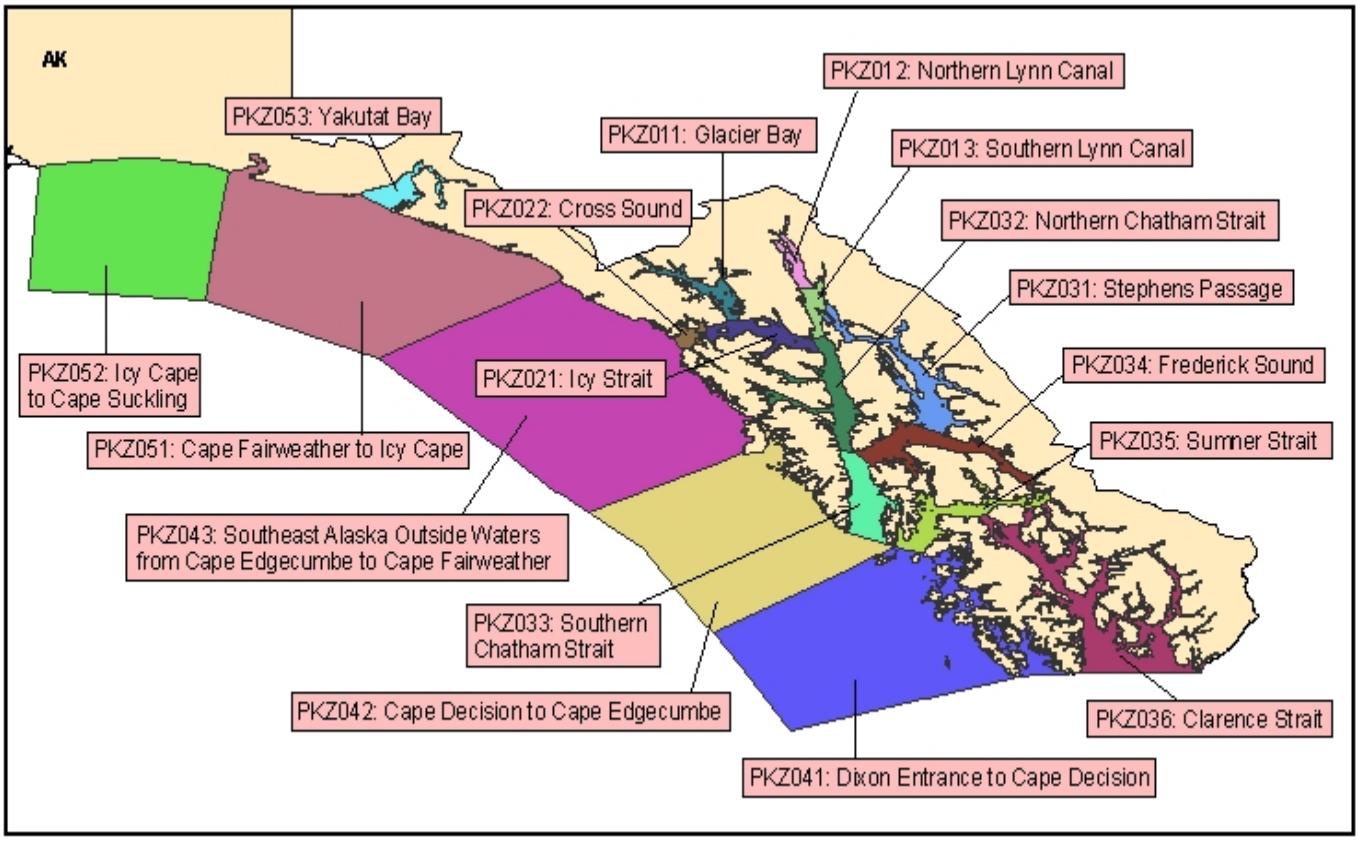
SAN DIEGO, CA (SGX)

AREA OF RESPONSIBILITY BOUNDARIES

San Diego-Orange, CA, county line to U.S.-Mexico border near San Diego, CA, out 60 NM

PZZ700	Synopsis for Far Southern California Coast
PZZ750	Coastal Waters from San Mateo Point to the Mexican border out 30 NM
PZZ775	Waters from San Mateo Point to the Mexican Border extending 30 to 60 NM out including San Clemente Island

MARINE ZONES FOR WFO JUNEAU, AK



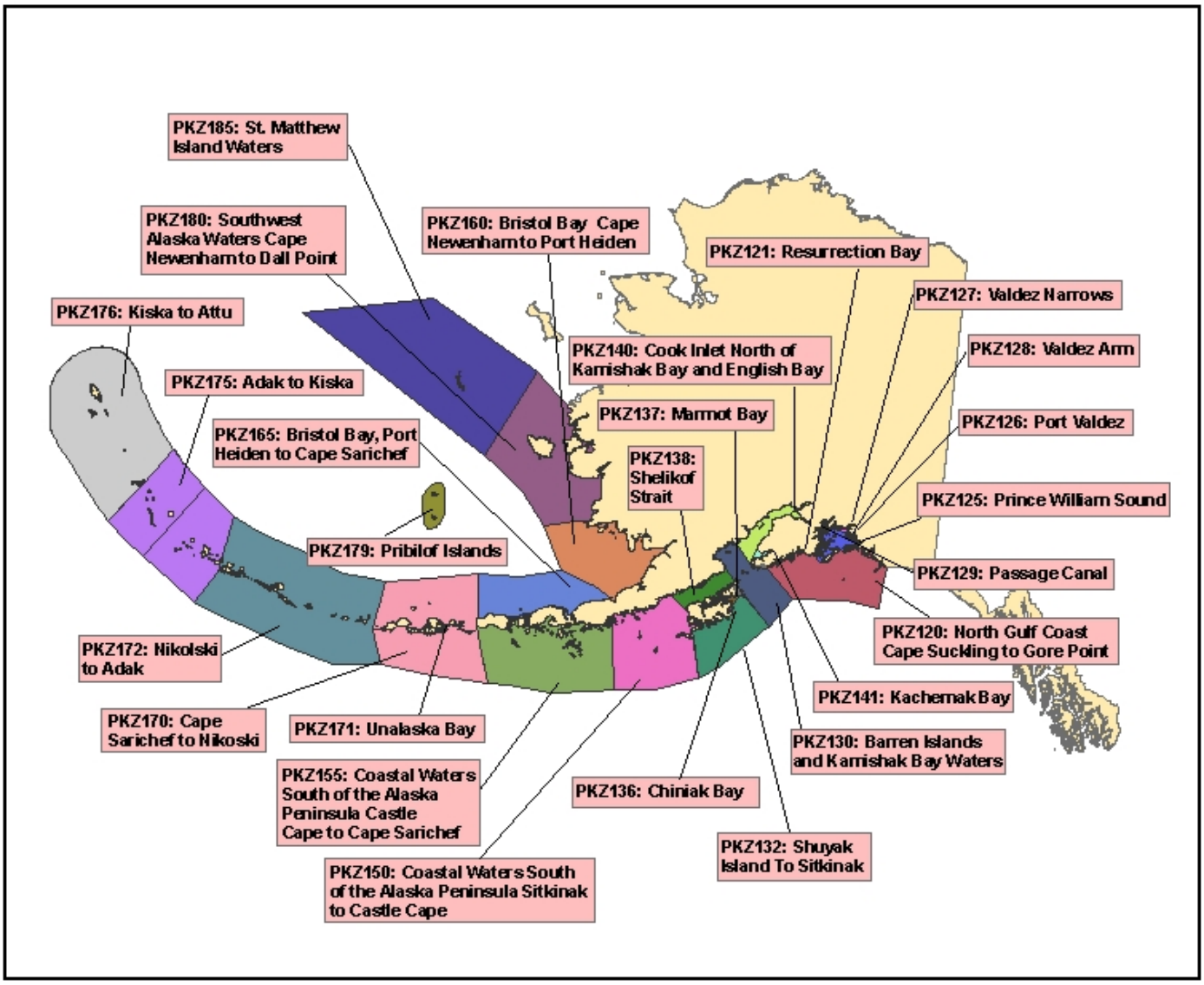
JUNEAU, AK (AJK)	All except Yakutat Bay
YAKATAK, AK (AYA)	Yakutat Bay

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Coastal and Inside Waters Dixon Entrance to Cape Suckling, including Yakutat Bay, out to 100 NM

PKZ098	Synopsis for Southeast Alaska Inner Channels Coastal Waters
PKZ011	Glacier Bay
PKZ012	Northern Lynn Canal
PKZ013	Southern Lynn Canal
PKZ021	Icy Strait
PKZ022	Cross Sound
PKZ031	Stephens Passage
PKZ032	Northern Chatham Strait
PKZ033	Southern Chatham Strait
PKZ034	Frederick Sound
PKZ035	Sumner Strait
PKZ036	Clarence Strait
PKZ099	Synopsis for Outside Waters
PKZ041	Dixon Entrance to Cape Decision
PKZ042	Cape Decision to Cape Edgecumbe

PKZ043	Cape Edgecumbe to Cape Fairweather
PKZ051	Cape Fairweather to Icy Cape
PKZ052	Icy Cape to Cape Suckling
PKZ053	Yakutat Bay

MARINE ZONES FOR WFO ANCHORAGE, AK



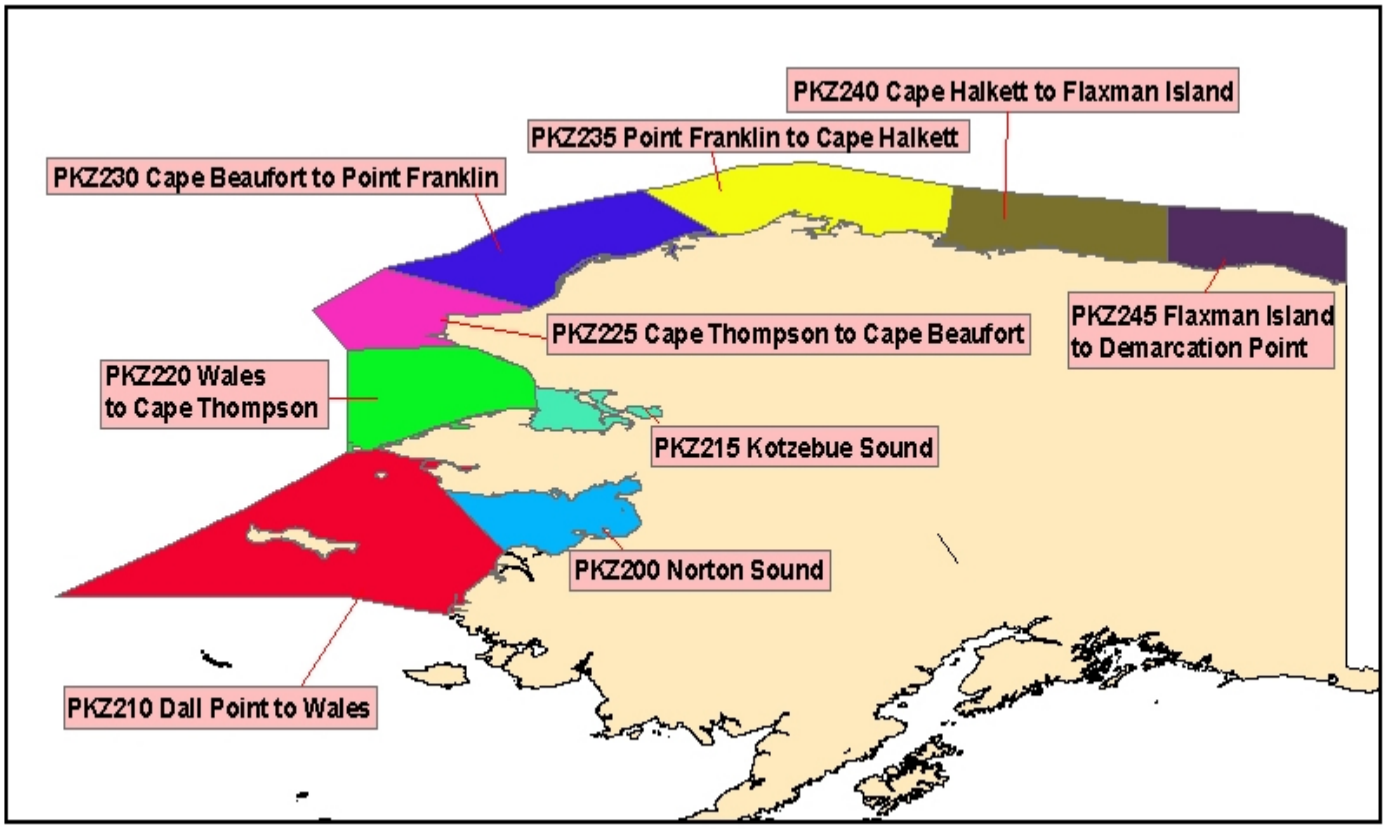
ANCHORAGE, AK (AFC)	North Gulf Coast and Kodiak Island and Cook Inlet Southwest Alaska and Bristol Bay and the Alaska Peninsula Waters and the Aleutian Islands
KODIAK, AK (ADQ)	Chiniak and Marmot Bays
VALDEZ, AK (AVW)	Port of Valdez and Valdez Narrows and Valdez Arm

AREA OF RESPONSIBILITY BOUNDARIES

Cape Suckling to Dall Point including the Aleutian Islands, Pribilof Islands, and St. Matthew Island, out to 100 NM.

PKZ197	Synopsis for the North Gulf Coast…Kodiak Island Waters…and Cook Inlet
PKZ120	Cape Suckling to Gore Point
PKZ121	Resurrection Bay
PKZ125	Prince William Sound
PKZ129	Passage Canal
PKZ130	Barren Islands and Kamishak Bay Waters
PKZ132	Shuyak Island to Sitkinak
PKZ138	Shelikof Strait
PKZ140	Cook Inlet North of Kamishak and English Bay
PKZ141	Kachemak Bay
PKZ199	Synopsis for Southwest Alaska…Bristol Bay…the Alaska Peninsula Waters…and the Aleutian Islands
PKZ150	Sitkinak to Castle Cape
PKZ155	Castle Cape to Cape Sarichef
PKZ160	Cape Newenham to Port Heiden
PKZ165	Port Heiden to Cape Sarichef
PKZ180	Cape Newenham to Dall Point
PKZ170	Cape Sarichef to Nikolski
PKZ171	Unalaska Bay
PKZ172	Nikolski to Adak
PKZ175	Adak to Kiska
PKZ176	Kiska to Attu
PKZ179	Pribilof Islands Nearshore Waters (out 5 NM only)
PKZ185	St. Matthew Island Waters
PKZ136	Chiniak Bay
PKZ137	Marmot Bay
PKZ126	Port Valdez
PKZ127	Valdez Narrows
PKZ128	Valdez Arm

MARINE ZONES FOR WFO FAIRBANKS, AK



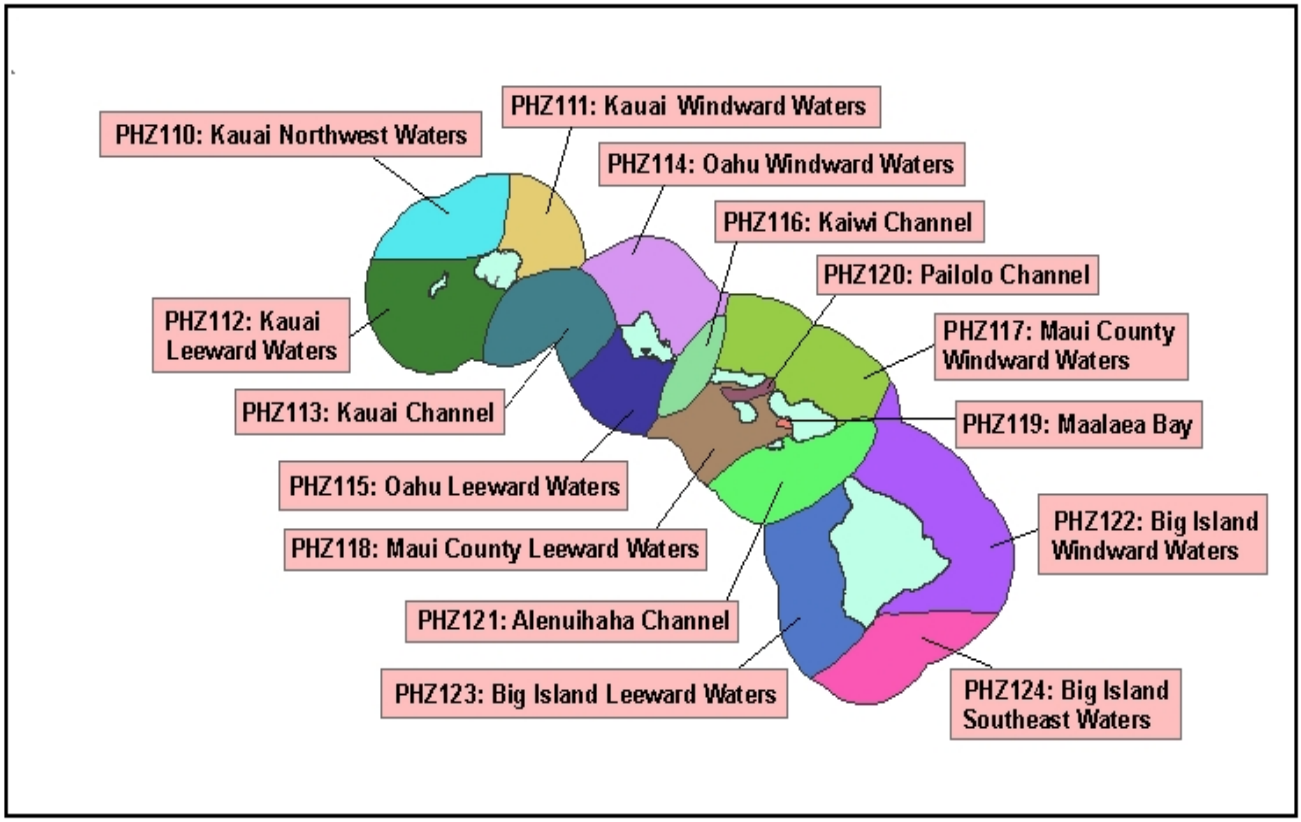
FAIRBANKS, AK (AFG)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Arctic Alaska Coastal Waters Forecast

Cape Thompson to Demarcation Point, out to 100 NM.

PKZ298	Synopsis for Arctic Coast
PKZ225	Cape Thompson to Cape Beaufort
PKZ230	Cape Beaufort to Point Franklin
PKZ235	Point Franklin to Cape Halkett
PKZ240	Cape Halkett to Flaxman Island
PKZ245	Flaxman Island to Demarcation Point
PKZ299	Synopsis for Northwest Coast
PKZ200	Norton Sound
PKZ210	Dall Point to Wales
PKZ215	Kotzebue Sound
PKZ220	Wales to Cape Thompson

MARINE ZONES FOR WFO HONOLULU, HI

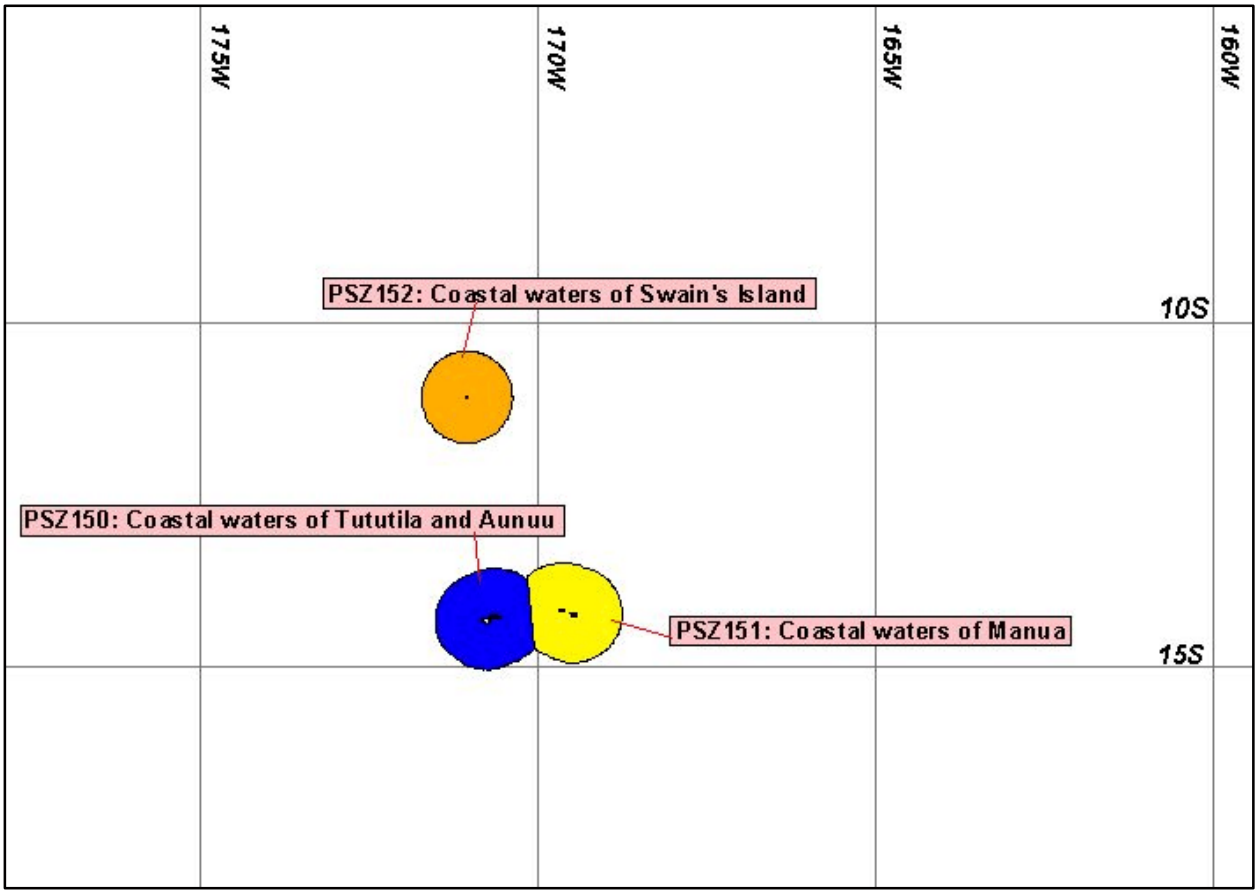


HONOLULU, HI (HFO)

AREA OF RESPONSIBILITY BOUNDARIES
Water area within 40 NM of the main Hawaiian Islands
Includes the Hawaiian Islands Humpback Whale National Marine Sanctuary

PHZ100	Synopsis for Hawaiian Coastal Waters
PHZ110	Kauai Northwest Waters
PHZ111	Kauai Windward Waters
PHZ112	Kauai Leeward Waters
PHZ113	Kauai Channel
PHZ114	Oahu Windward Waters
PHZ115	Oahu Leeward Waters
PHZ116	Kaiwi Channel
PHZ117	Maui County Windward Waters
PHZ118	Maui County Leeward Waters
PHZ119	Maalaea Bay
PHZ120	Pailolo Channel
PHZ121	Alenuihaha Channel
PHZ122	Big Island Windward Waters
PHZ123	Big Island Leeward Waters
PHZ124	Big Island Southeast Waters

MARINE ZONES FOR WSO PAGO PAGO, AMERICAN SAMOA

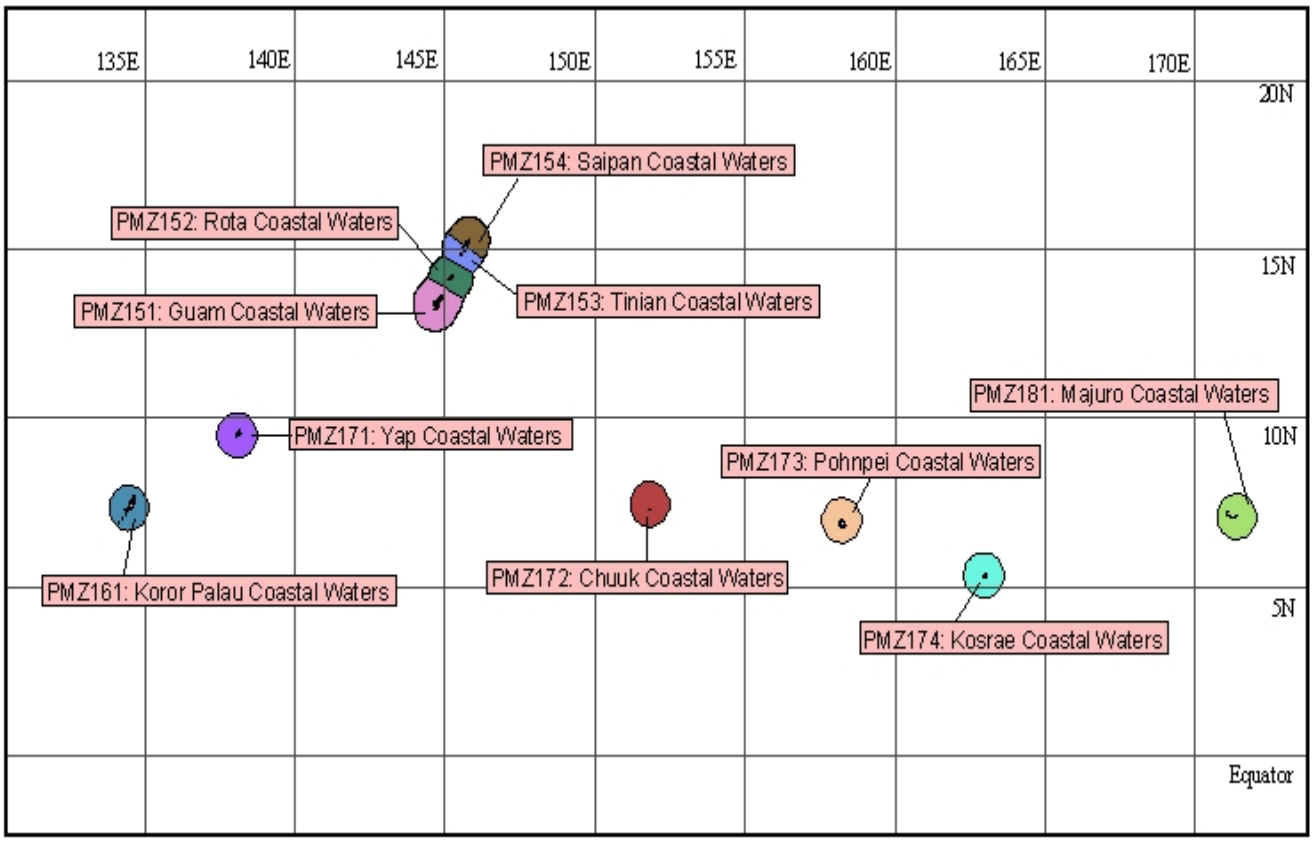


PAGO PAGO, AMERICAN SAMOA (STU)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
American Samoa Coastal Waters
Includes the Fagatele Bay National Marine Sanctuary

PSZ100	Synopsis for American Samoa coastal waters
PSZ150	Tututila and Aunuu coastal waters
PSZ151	Manua coastal waters
PSZ152	Swains Island coastal waters

MARINE ZONES FOR WFO GUAM



GUAM (GUM) Guam and Commonwealth of the North Marianas, Republic of Palau, Federated States of Micronesia, Republic of the Marshall Islands

AREA OF RESPONSIBILITY BOUNDARIES

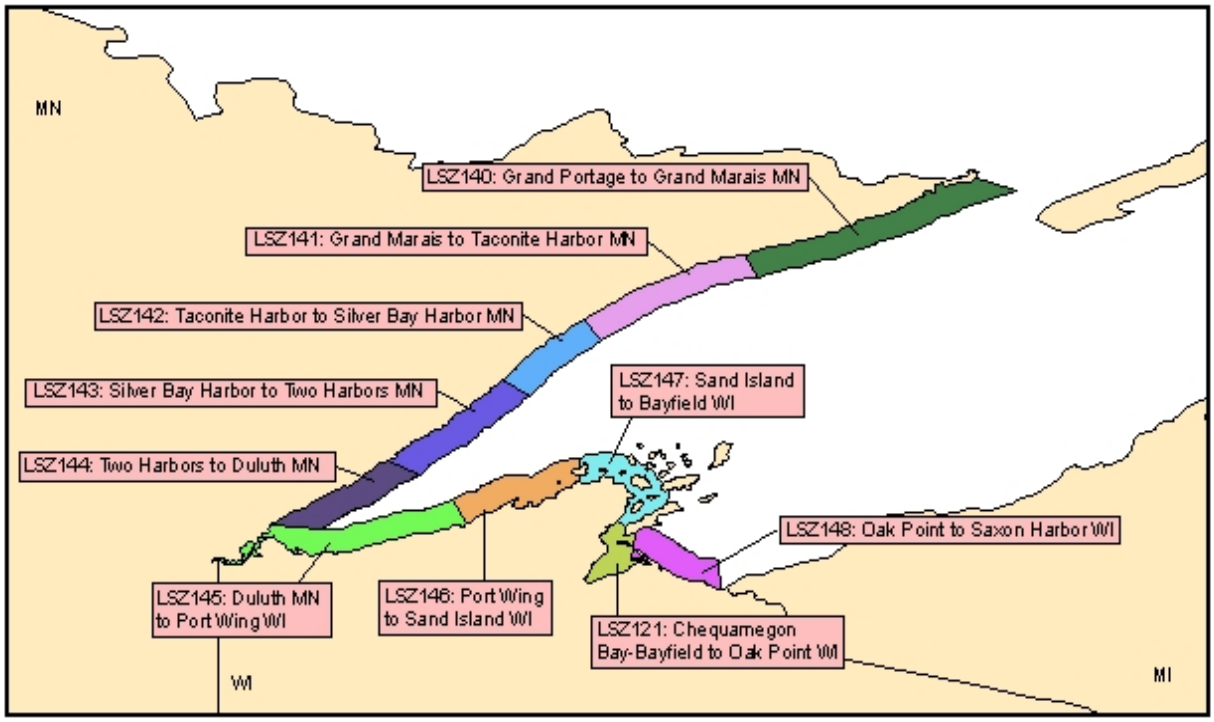
Guam and the Commonwealth of the Northern Mariana Islands within 40 NM of Guam, Rota, Tinian, and Saipan
The Republic of Palau within 40 NM of Koror
The Federated States of Micronesia within 40 NM of Yap, Chuuk, Pohnpei, and Kosrae
The Republic of the Marshall Islands within 40 NM of Majuro

PMZ150	Synopsis for Marianas waters
PMZ151	Guam coastal waters
PMZ152	Rota coastal waters
PMZ153	Tinian coastal waters
PMZ154	Saipan coastal waters
PMZ161	Koror Palau coastal waters
PMZ171	Yap coastal waters
PMZ172	Chuuk coastal waters
PMZ173	Pohnpei coastal waters
PMZ174	Kosrae coastal waters
PMZ181	Majuro coastal waters

Note: Special Marine Warnings/Marine Weather Statements are issued for Marianas coastal waters only.

2. <u>Great Lakes Forecast Areas of Responsibility.</u>

MARINE ZONES FOR WFO DULUTH, MN
(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)

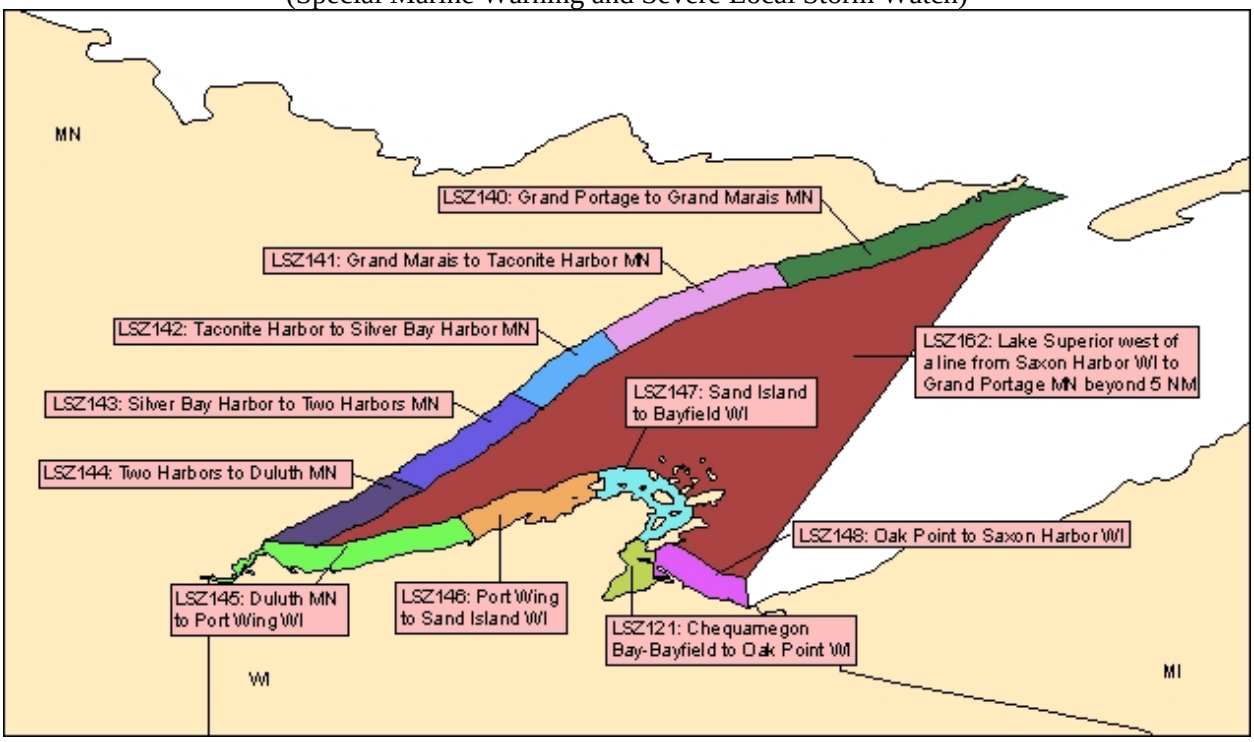


DULUTH, MN (DLH)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Superior – U.S.-Canada border to WI/MI border

LSZ140	Grand Portage to Grand Marais MN
LSZ141	Grand Marais to Taconite Harbor MN
LSZ142	Taconite Harbor to Silver Bay Harbor MN
LSZ143	Silver Bay Harbor to Two Harbors MN
LSZ144	Two Harbors to Duluth MN
LSZ145	Duluth MN to Port Wing WI
LSZ146	Port Wing to Sand Island WI
LSZ147	Sand Island to Bayfield WI
LSZ121	Chequamegon Bay-Bayfield to Oak Point WI
LSZ148	Oak Point to Saxon Harbor WI

MARINE ZONES FOR WFO DULUTH, MN
(Special Marine Warning and Severe Local Storm Watch)

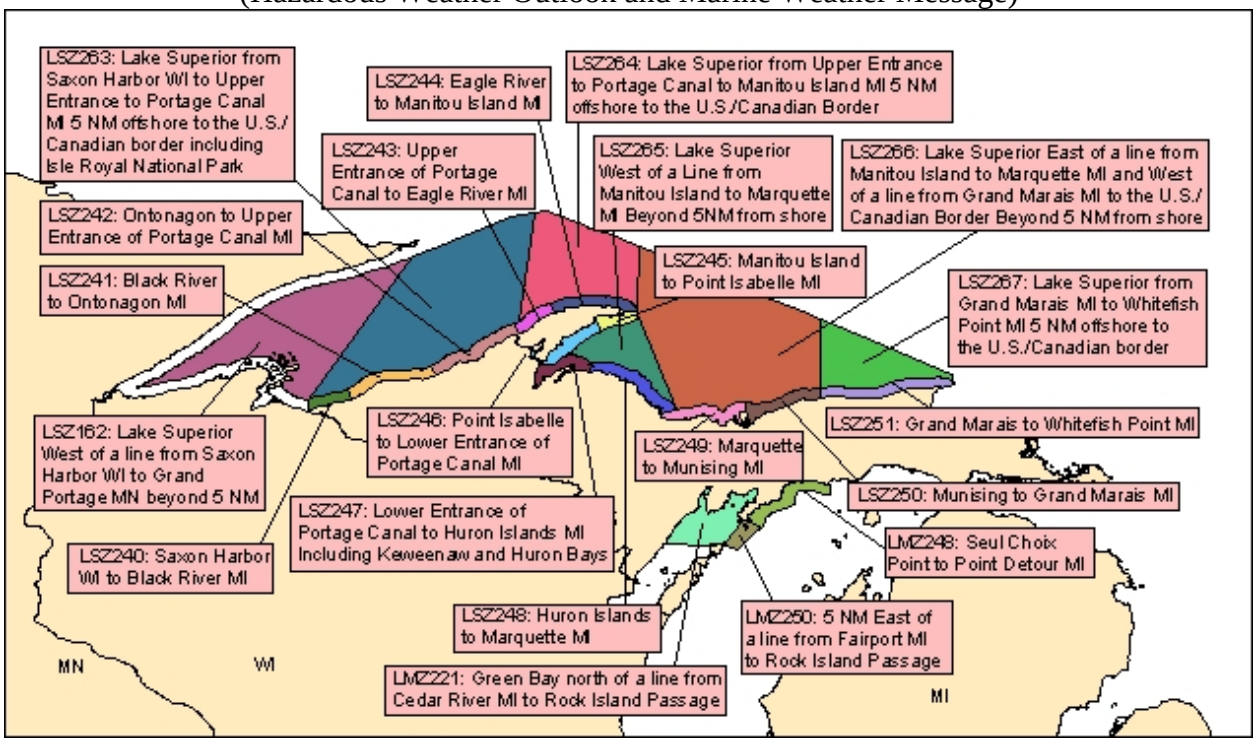


DULUTH, MN (DLH)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Superior – U.S.-Canada border to WI/MI border

LSZ140	Grand Portage to Grand Marais MN
LSZ141	Grand Marais to Taconite Harbor MN
LSZ142	Taconite Harbor to Silver Bay Harbor MN
LSZ143	Silver Bay Harbor to Two Harbors MN
LSZ144	Two Harbors to Duluth MN
LSZ145	Duluth MN to Port Wing WI
LSZ146	Port Wing to Sand Island WI
LSZ147	Sand Island to Bayfield WI
LSZ121	Chequamegon Bay-Bayfield to Oak Point WI
LSZ148	Oak Point to Saxon Harbor WI
LSZ162	Lake Superior west of a line from Saxon Harbor WI to Grand Portage MN beyond 5 NM

MARINE ZONES FOR WFO MARQUETTE, MI
(Hazardous Weather Outlook and Marine Weather Message)



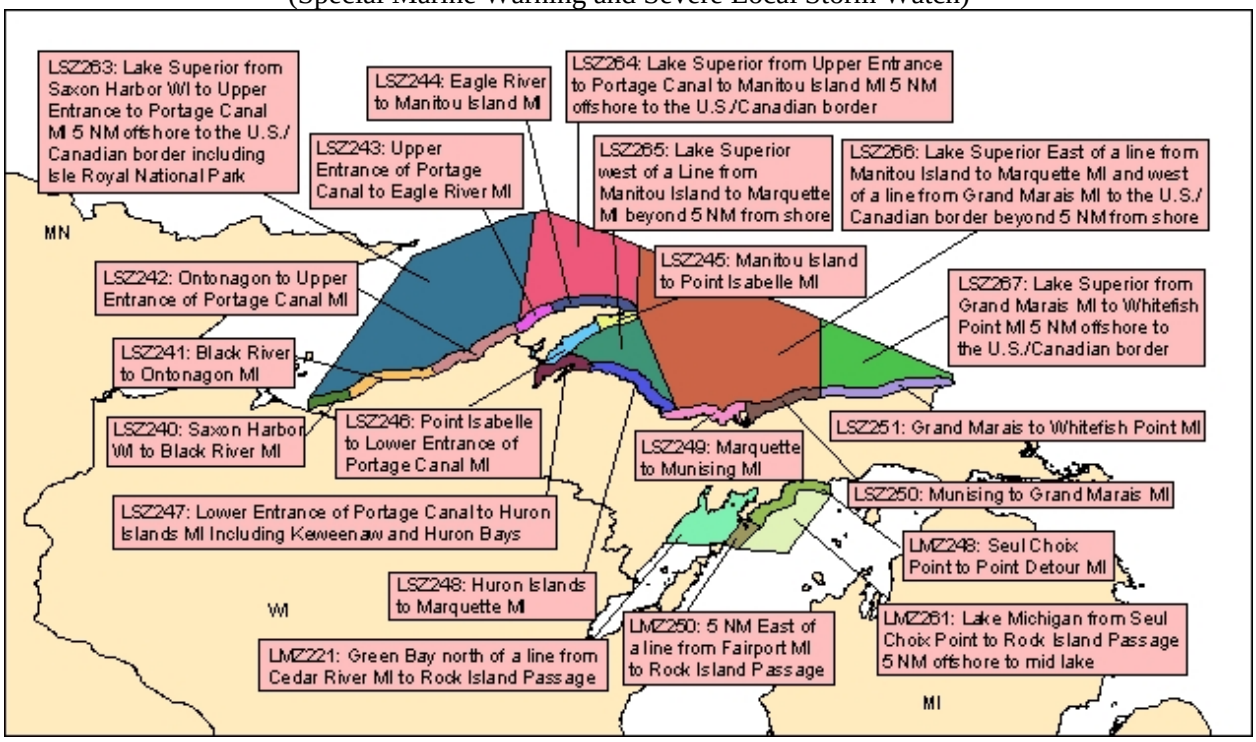
MARQUETTE, MI (MQT)

<u>AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior</u>
Lake Superior - WI/MI border to Whitefish Point, MI

LSZ240	Saxon Harbor WI to Black River MI
LSZ241	Black River to Ontonagon MI
LSZ242	Ontonagon to Upper Entrance of Portage Canal MI
LSZ243	Upper Entrance of Portage Canal to Eagle River MI
LSZ244	Eagle River to Manitou Island MI
LSZ245	Manitou Island to Point Isabelle MI
LSZ246	Point Isabelle to Lower Entrance of Portage Canal MI
LSZ247	Lower Entrance of Portage Canal to Huron Islands MI including Keweenaw and Huron Bays
LSZ248	Huron Islands to Marquette MI
LSZ249	Marquette to Munising MI
LSZ250	Munising to Grand Marais MI
LSZ251	Grand Marais to Whitefish Point MI
LMZ221	Green Bay north of a line from Cedar River MI to Rock Island Passage
LMZ248	Seul Choix Point to Point Detour MI
LMZ250	5 NM east of a line from Fairport MI to Rock Island Passage
LSZ162	Lake Superior west of a line from Saxon Harbor WI to Grand Portage MN beyond 5 NM
LSZ263	Lake Superior from Saxon Harbor WI to Upper Entrance to Portage Canal MI 5 NM off-shore to the U.S./Canadian border including Isle Royal National Park
LSZ264	Lake Superior from Upper Entrance to Portage Canal to Manitou Island MI 5 NM off-shore to the U.S./Canadian border

LSZ265	Lake Superior west of a line from Manitou Island to Marquette MI beyond 5 NM from shore
LSZ266	Lake Superior east of a line from Manitou Island to Marquette MI and west of a line from Grand Marais MI to the U.S./Canadian border beyond 5 NM from shore
LSZ267	Lake Superior from Grand Marais MI to Whitefish Point MI 5 NM offshore to the U.S./Canadian border

MARINE ZONES FOR WFO MARQUETTE, MI
(Special Marine Warning and Severe Local Storm Watch)



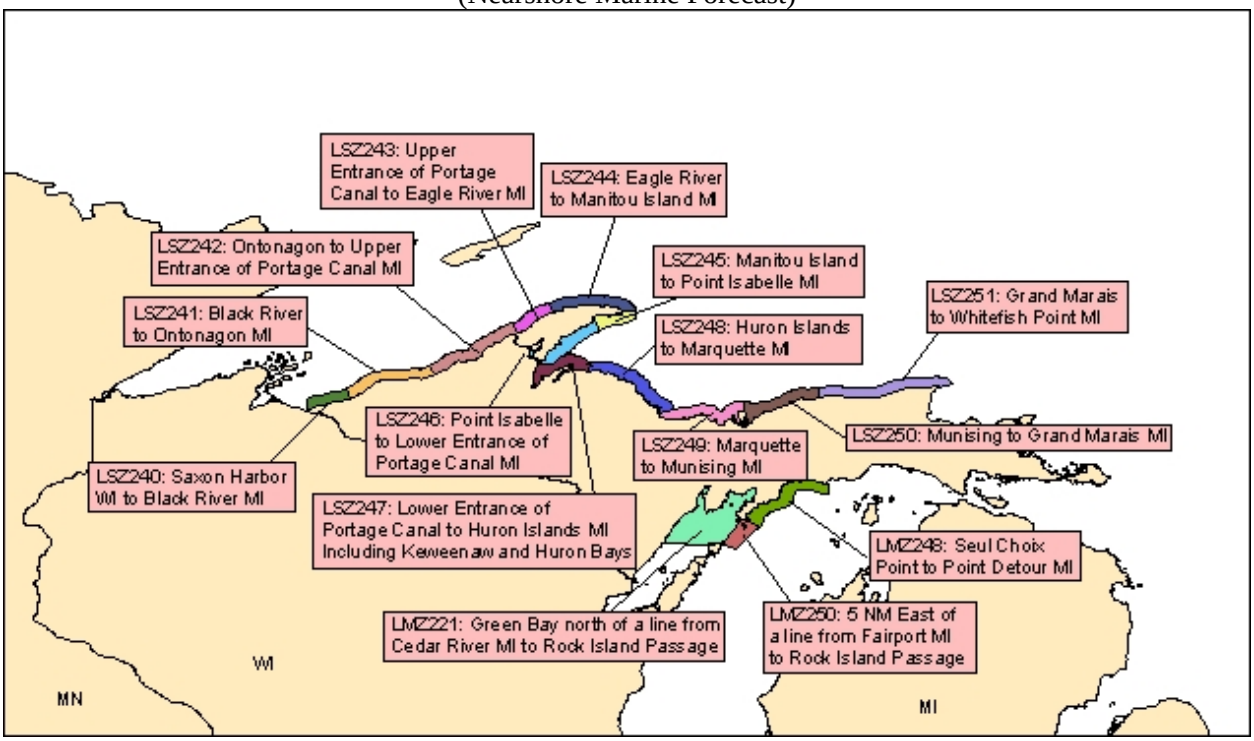
MARQUETTE, MI (MQT)

<u>AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior</u>
Lake Superior - WI/MI border to Whitefish Point, MI

LSZ240	Saxon Harbor WI to Black River MI
LSZ241	Black River to Ontonagon MI
LSZ242	Ontonagon to Upper Entrance of Portage Canal MI
LSZ243	Upper Entrance of Portage Canal to Eagle River MI
LSZ244	Eagle River to Manitou Island MI
LSZ245	Manitou Island to Point Isabelle MI
LSZ246	Point Isabelle to Lower Entrance of Portage Canal MI
LSZ247	Lower Entrance of Portage Canal to Huron Islands MI including Keweenaw and Huron Bays
LSZ248	Huron Islands to Marquette MI
LSZ249	Marquette to Munising MI
LSZ250	Munising to Grand Marais MI
LSZ251	Grand Marais to Whitefish Point MI
LMZ221	Green Bay north of a line from Cedar River MI to Rock Island Passage
LMZ248	Seul Choix Point to Point Detour MI
LMZ250	5 NM East of a line from Fairport MI to Rock Island Passage
LMZ261	Lake Michigan from Seul Choix Point to Rock Island Passage 5 NM offshore to mid lake
LSZ263	Lake Superior from Saxon Harbor WI to Upper Entrance to Portage Canal MI 5 NM off-shore to the U.S./Canadian border including Isle Royal National Park
LSZ264	Lake Superior from Upper Entrance to Portage Canal to Manitou Island MI 5 NM off-shore to the U.S./Canadian border

LSZ265	Lake Superior west of a line from Manitou Island to Marquette MI beyond 5 NM from shore
LSZ266	Lake Superior east of a line from Manitou Island to Marquette MI and west of a line from Grand Marais MI to the US/Canadian border beyond 5 NM from shore
LSZ267	Lake Superior from Grand Marais MI to Whitefish Point MI 5 NM offshore to the U.S./Canadian border

MARINE ZONES FOR WFO MARQUETTE, MI
(Nearshore Marine Forecast)

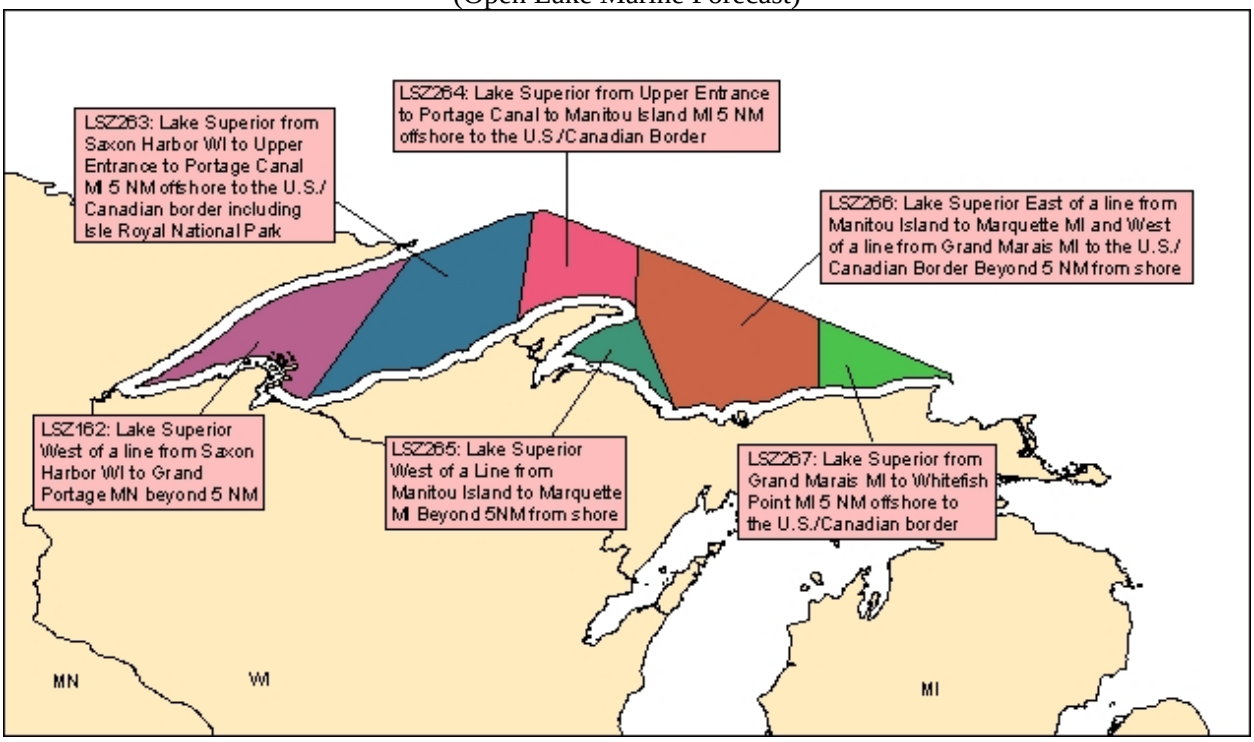


MARQUETTE, MI (MQT)

<u>AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior</u>
Lake Superior - WI/MI border to Whitefish Point, MI

LSZ240	Saxon Harbor WI to Black River MI
LSZ241	Black River to Ontonagon MI
LSZ242	Ontonagon to Upper Entrance of Portage Canal MI
LSZ243	Upper Entrance of Portage Canal to Eagle River MI
LSZ244	Eagle River to Manitou Island MI
LSZ245	Manitou Island to Point Isabelle MI
LSZ246	Point Isabelle to Lower Entrance of Portage Canal MI
LSZ247	Lower Entrance of Portage Canal to Huron Islands MI including Keweenaw and Huron Bays
LSZ248	Huron Islands to Marquette MI
LSZ249	Marquette to Munising MI
LSZ250	Munising to Grand Marais MI
LSZ251	Grand Marais to Whitefish Point MI
LMZ221	Green Bay north of a line from Cedar River MI to Rock Island Passage
LMZ248	Seul Choix Point to Point Detour MI
LMZ250	5 NM east of a line from Fairport MI to Rock Island Passage

MARINE AREAS FOR WFO MARQUETTE, MI
(Open Lake Marine Forecast)

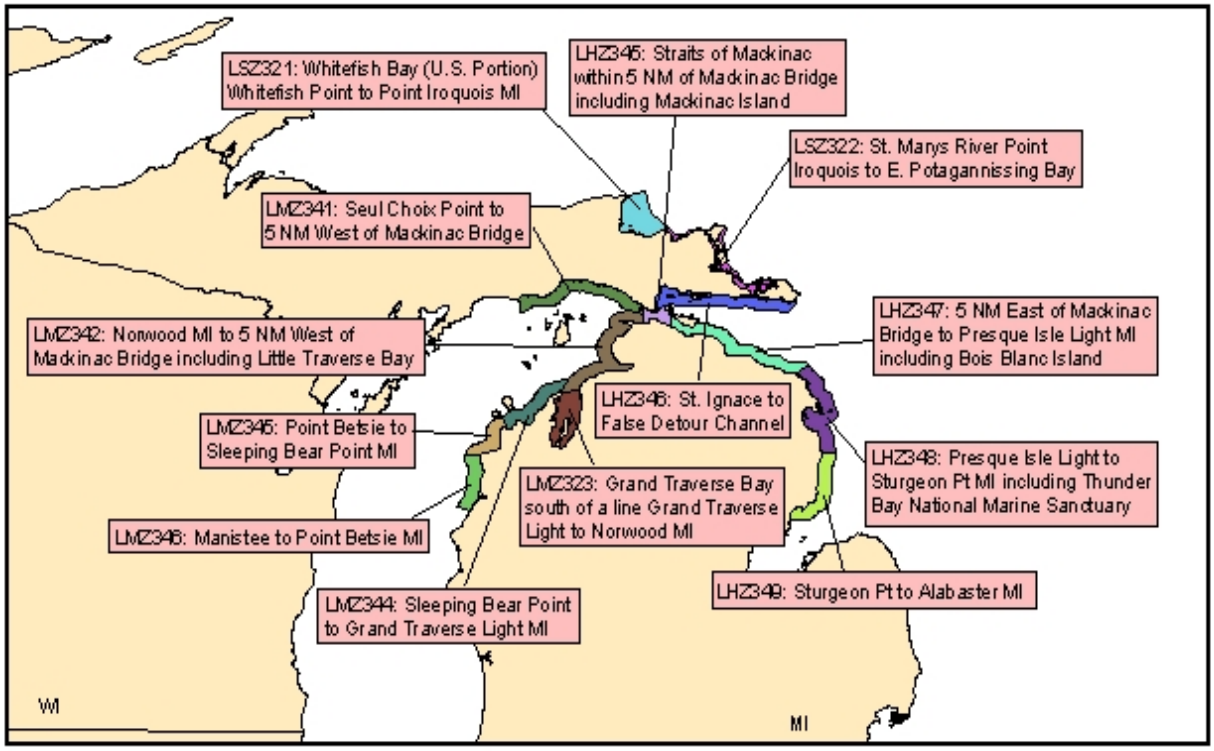


MARQUETTE, MI (MQT)

<u>AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior</u>
Lake Superior - WI/MI border to Whitefish Point, MI

LSZ162	Lake Superior west of a line from Saxon Harbor WI to Grand Portage MN beyond 5 NM
LSZ263	Lake Superior from Saxon Harbor WI to Upper Entrance to Portage Canal MI 5 NM off-shore to the U.S./Canadian border including Isle Royal National Park
LSZ264	Lake Superior from Upper Entrance to Portage Canal to Manitou Island MI 5 NM off-shore to the U.S./Canadian border
LSZ265	Lake Superior west of a line from Manitou Island to Marquette MI beyond 5 NM from shore
LSZ266	Lake Superior east of a line from Manitou Island to Marquette MI and west of a line from Grand Marais MI to the U.S./Canadian border beyond 5 NM from shore
LSZ267	Lake Superior from Grand Marais MI to Whitefish Point MI 5 NM offshore to the U.S./Canadian border
LSZ261	Lake Superior MAFOR

MARINE ZONES FOR WFO GAYLORD, MI
(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)

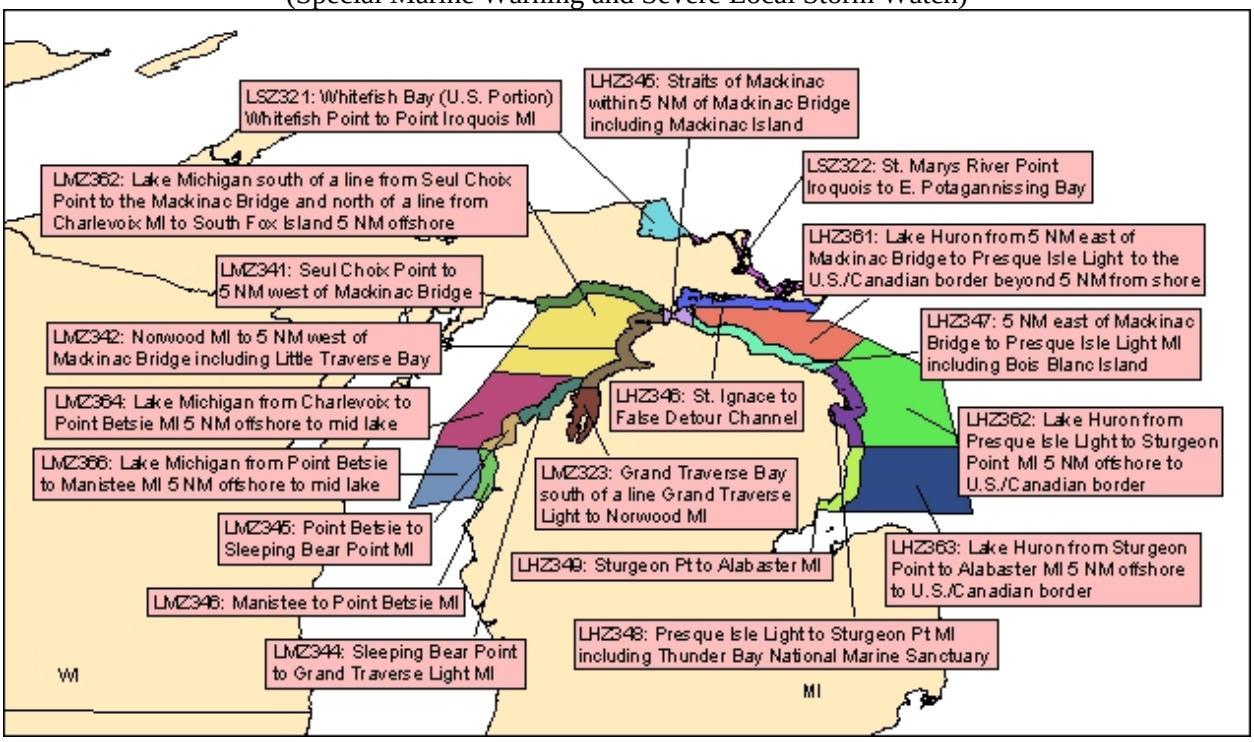


GAYLORD, MI (APX)

<u>AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior and Lake Michigan</u>
Lake Superior- U.S. Portion Whitefish Bay, St. Mary's River, and Potagannissing Bay
Lake Michigan - Mackinac Bridge to Schoolcraft/Mackinac county line and Mackinac Bridge to Manistee/Mason, MI county line
Includes the Thunder Bay National Marine Sanctuary

LSZ321	Whitefish Bay (U.S. Portion) Whitefish Point to Point Iroquois MI
LSZ322	St. Marys River Point Iroquois to E. Potagannissing Bay
LMZ341	Seul Choix Point to 5 NM west of Mackinac Bridge
LMZ342	Norwood MI to 5 NM west of Mackinac Bridge including Little Traverse Bay
LMZ323	Grand Traverse Bay south of a line Grand Traverse Light to Norwood MI
LMZ344	Sleeping Bear Point to Grand Traverse Light MI
LMZ345	Point Betsie to Sleeping Bear Point MI
LMZ346	Manistee to Point Betsie MI
LHZ345	Straits of Mackinac within 5 NM of Mackinac Bridge including Mackinac Island
LHZ346	St. Ignace to False Detour Channel
LHZ347	5 NM east of Mackinac Bridge to Presque Isle Light MI including Bois Blanc Island
LHZ348	Presque Isle Light to Sturgeon Point MI including Thunder Bay National Marine Sanctuary
LHZ349	Sturgeon Point to Alabaster MI

MARINE ZONES FOR WFO GAYLORD, MI
(Special Marine Warning and Severe Local Storm Watch)



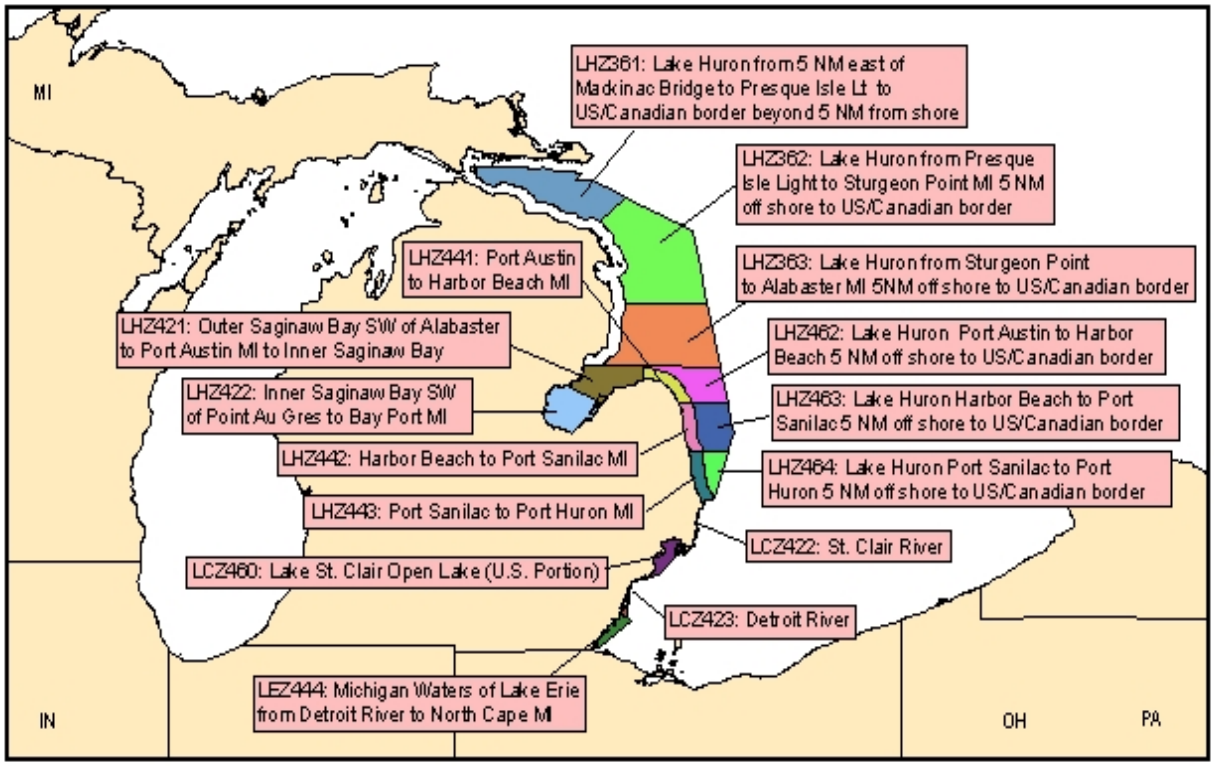
GAYLORD, MI (APX)

<u>AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior and Lake Michigan</u>
Lake Superior- U.S. Portion Whitefish Bay, St. Mary's River, and Potagannissing Bay
Lake Michigan - Mackinac Bridge to Schoolcraft/Mackinac county line and Mackinac Bridge to Manistee/Mason, MI county line
Includes the Thunder Bay National Marine Sanctuary

LSZ321	Whitefish Bay (U.S. Portion) Whitefish Point to Point Iroquois MI
LSZ322	St. Marys River Point Iroquois to E. Potagannissing Bay
LMZ341	Seul Choix Point to 5 NM west of Mackinac Bridge
LMZ342	Norwood MI to 5 NM west of Mackinac Bridge including Little Traverse Bay
LMZ323	Grand Traverse Bay south of a line Grand Traverse Light to Norwood MI
LMZ344	Sleeping Bear Point to Grand Traverse Light MI
LMZ345	Point Betsie to Sleeping Bear Point MI
LMZ346	Manistee to Point Betsie MI
LHZ345	Straits of Mackinac within 5 NM of Mackinac Bridge including Mackinac Island
LHZ346	St. Ignace to False Detour Channel
LHZ347	5 NM east of Mackinac Bridge to Presque Isle Light MI including Bois Blanc Island
LHZ348	Presque Isle Light to Sturgeon Point MI including Thunder Bay National Marine Sanctuary
LHZ349	Sturgeon Point to Alabaster MI
LMZ362	Lake Michigan south of a line from Seul Choix Point to the Mackinac Bridge and north of a line from Charlevoix MI to South Fox Island 5 NM offshore
LMZ364	Lake Michigan from Charlevoix to Point Betsie MI 5 NM offshore to mid lake
LMZ366	Lake Michigan from Point Betsie to Manistee MI 5 NM offshore to mid lake

LHZ361	Lake Huron from 5 NM east of Mackinac Bridge to Presque Isle Light to the U.S./Canadian border beyond 5 NM from shore
LHZ362	Lake Huron from Presque Isle Light to Sturgeon Point MI 5 NM offshore to the U.S./Canadian border
LHZ363	Lake Huron from Sturgeon Point to Alabaster MI 5 NM offshore to the U.S./Canadian border

MARINE ZONES FOR WFO DETROIT, MI
(Hazardous Weather Outlook and Marine Weather Message)

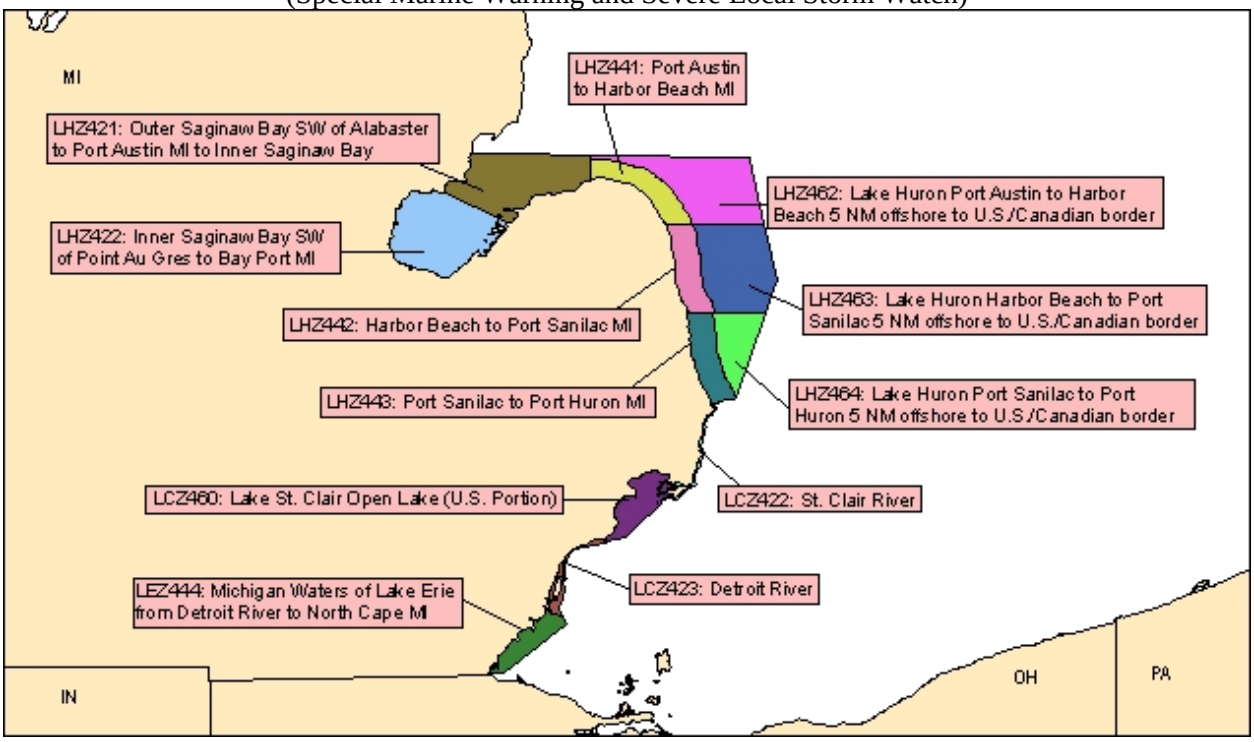


DETROIT, MI (DTX)

<u>AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River</u>
Lake Huron - Iosco/Arenac, MI county line to Port Huron

LHZ421	Outer Saginaw Bay SW of Alabaster to Port Austin MI to Inner Saginaw Bay
LHZ422	Inner Saginaw Bay SW of Point Au Gres to Bay Port MI
LHZ441	Port Austin to Harbor Beach MI
LHZ442	Harbor Beach to Port Sanilac MI
LHZ443	Port Sanilac to Port Huron MI
LCZ422	St. Clair River
LCZ423	Detroit River
LCZ460	Lake St. Clair Open Lake (U.S. Portion)
LEZ444	Michigan waters of Lake Erie from Detroit River to North Cape MI
LHZ361	Lake Huron from 5 NM east of Mackinac Bridge to Presque Isle Light MI to the U.S./Canadian border 5 NM offshore
LHZ362	Lake Huron from Presque Isle Light to Sturgeon Point MI 5 NM offshore to the U.S./Canadian border
LHZ363	Lake Huron from Sturgeon Point to Alabaster MI 5 NM offshore to the U.S./Canadian border
LHZ462	Lake Huron Port Austin to Harbor Beach MI 5 NM offshore to U.S./Canadian border
LHZ463	Lake Huron Harbor Beach to Port Sanilac MI 5 NM offshore to U.S./Canadian border
LHZ464	Lake Huron Port Sanilac to Port Huron 5 NM offshore to U.S./Canadian border

MARINE ZONES FOR WFO DETROIT, MI
(Special Marine Warning and Severe Local Storm Watch)

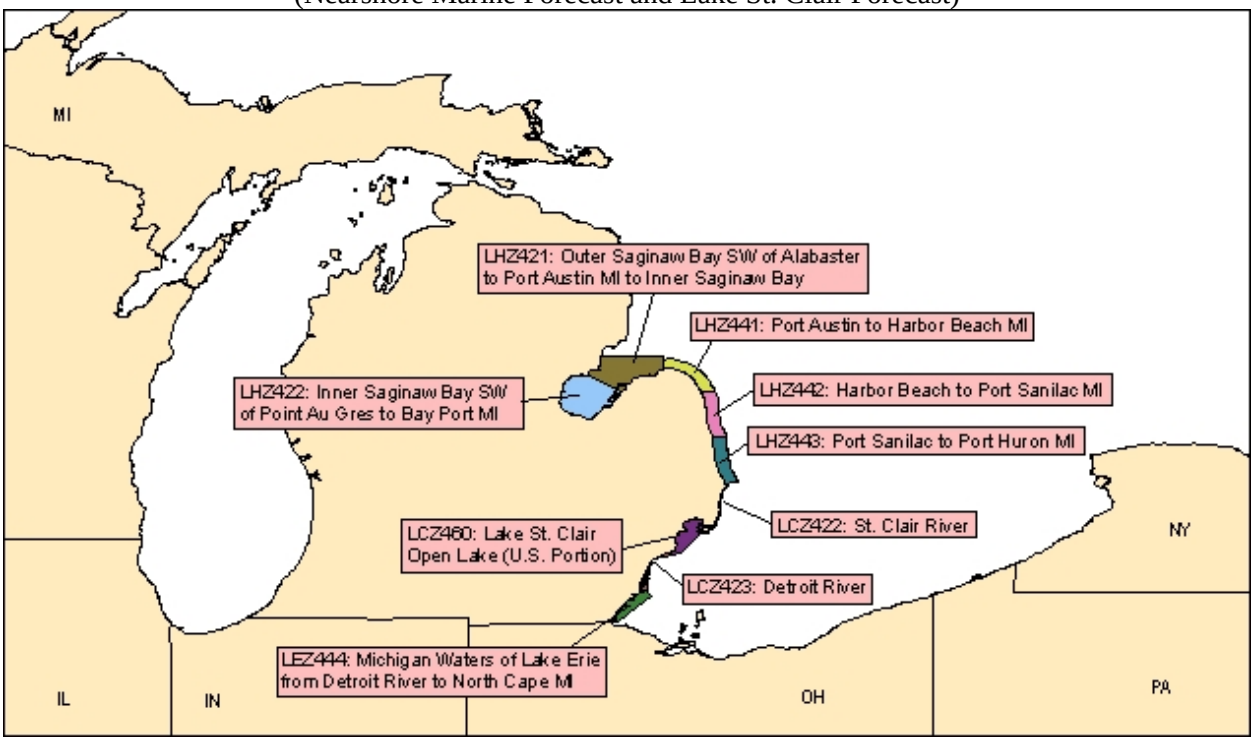


DETROIT, MI (DTX)

<u>AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River</u>
Lake Huron - Iosco/Arenac, MI county line to Port Huron

LHZ421	Outer Saginaw Bay SW of Alabaster to Port Austin MI to Inner Saginaw Bay
LHZ422	Inner Saginaw Bay SW of Point Au Gres to Bay Port MI
LHZ441	Port Austin to Harbor Beach MI
LHZ442	Harbor Beach to Port Sanilac MI
LHZ443	Port Sanilac to Port Huron MI
LCZ422	St. Clair River
LCZ423	Detroit River
LCZ460	Lake St. Clair Open Lake (U.S. Portion)
LEZ444	Michigan waters of Lake Erie from Detroit River to North Cape MI
LHZ462	Lake Huron from Port Austin to Harbor Beach MI 5 NM offshore to U.S./Canadian border
LHZ463	Lake Huron from Harbor Beach to Port Sanilac MI 5 NM offshore to U.S./Canadian border
LHZ464	Lake Huron from Port Sanilac to Port Huron 5 NM offshore to U.S./Canadian border

MARINE ZONES FOR WFO DETROIT, MI
(Nearshore Marine Forecast and Lake St. Clair Forecast)

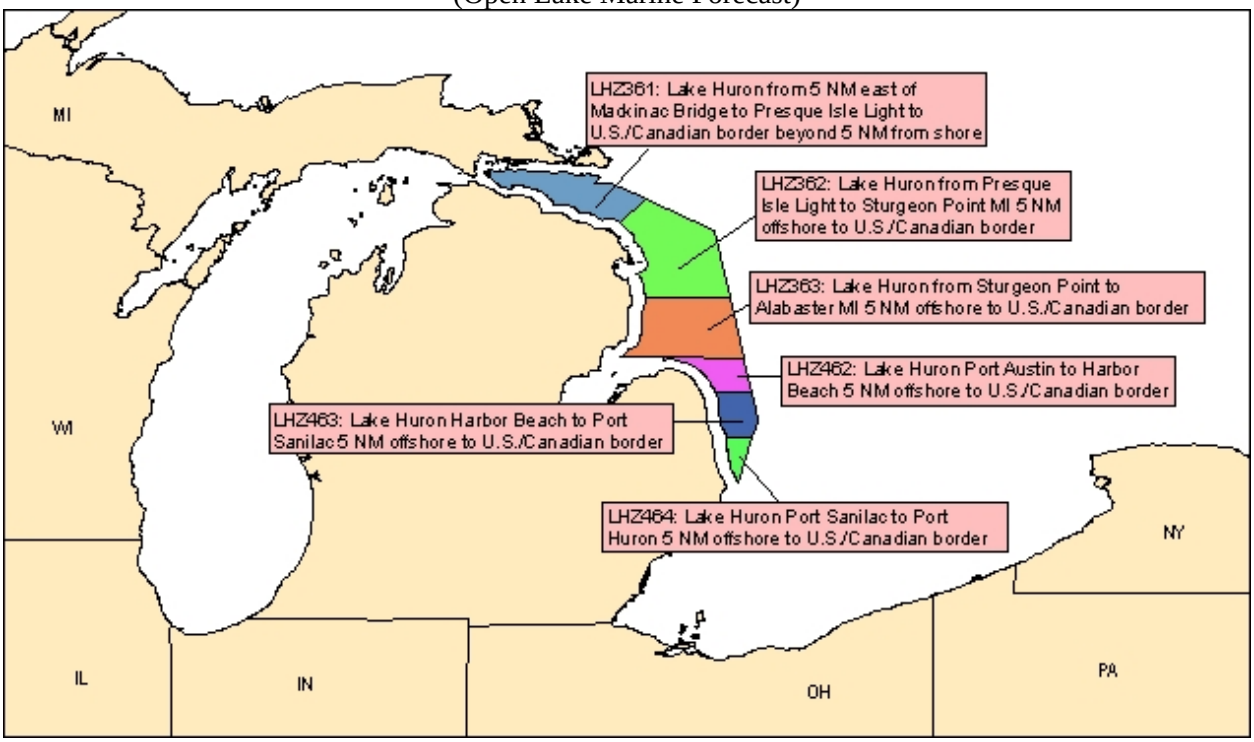


DETROIT, MI (DTX)

<u>AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River</u>
Lake Huron - Iosco/Arenac, MI county line to Port Huron

LHZ421	Outer Saginaw Bay SW of Alabaster to Port Austin MI to Inner Saginaw Bay
LHZ422	Inner Saginaw Bay SW of Point Au Gres to Bay Port MI
LHZ441	Port Austin to Harbor Beach MI
LHZ442	Harbor Beach to Port Sanilac MI
LHZ443	Port Sanilac to Port Huron MI
LCZ422	St. Clair River
LCZ423	Detroit River
LCZ460	Lake St. Clair Open Lake (U.S. Portion)
LEZ444	Michigan waters of Lake Erie from Detroit River to North Cape MI

(Open Lake Marine Forecast)

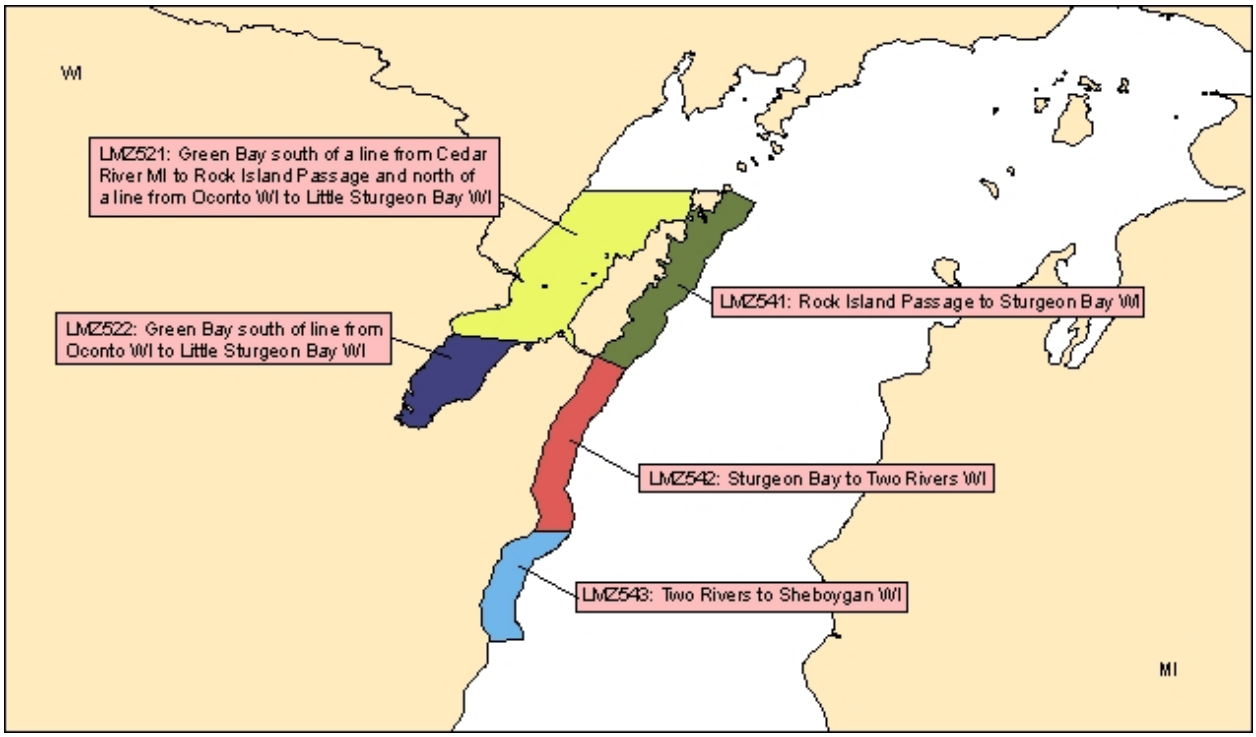


DETROIT, MI (DTX)

<u>AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River</u>
Lake Huron - Iosco/Arenac, MI county line to Port Huron

LHZ361	Lake Huron from 5 NM east of Mackinac Bridge to Presque Isle Light MI to the U.S./Canadian border 5 NM offshore
LHZ362	Lake Huron from Presque Isle Light to Sturgeon Point MI 5 NM offshore to the U.S./Canadian border
LHZ363	Lake Huron from Sturgeon Point to Alabaster MI 5 NM offshore to the U.S./Canadian border
LHZ462	Lake Huron Port Austin to Harbor Beach MI 5 NM offshore to U.S./Canadian border
LHZ463	Lake Huron Harbor Beach to Port Sanilac MI 5 NM offshore to U.S./Canadian border
LHZ464	Lake Huron Port Sanilac to Port Huron 5 NM offshore to U.S./Canadian border
LHZ461	Lake Huron MAFOR

MARINE ZONES FOR WFO GREEN BAY, WI
(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)



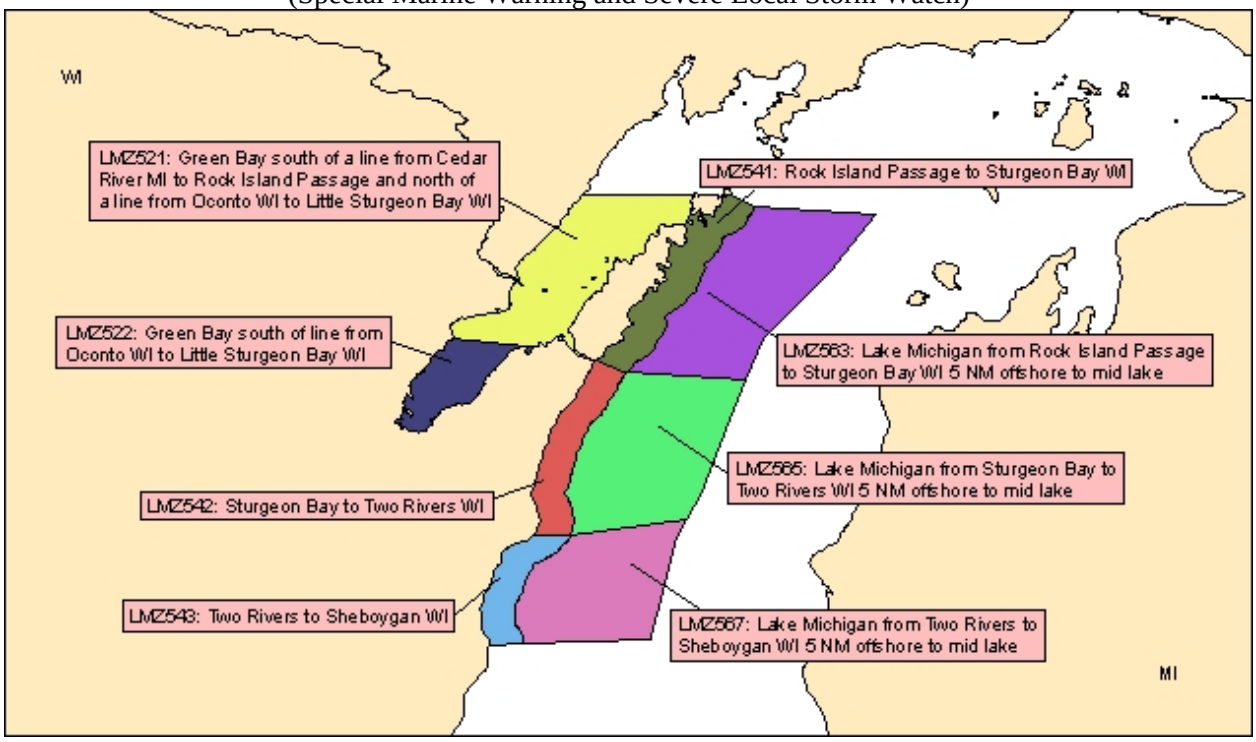
GREEN BAY, WI (GRB)

AREA OF RESPONSIBILITY BOUNDARIES

Lake Michigan - Rock Island Passage to Manitowoc/Sheboygan, WI county line including southern three-quarters of Bay of Green Bay

LMZ521	Green Bay south of line from Cedar River MI to Rock Island Passage and north of a line from Oconto WI to Little Sturgeon Bay WI
LMZ522	Green Bay south of a line from Oconto WI to Little Sturgeon Bay WI
LMZ541	Rock Island Passage to Sturgeon Bay WI
LMZ542	Sturgeon Bay to Two Rivers WI
LMZ543	Two Rivers to Sheboygan WI

MARINE ZONES FOR WFO GREEN BAY, WI
(Special Marine Warning and Severe Local Storm Watch)



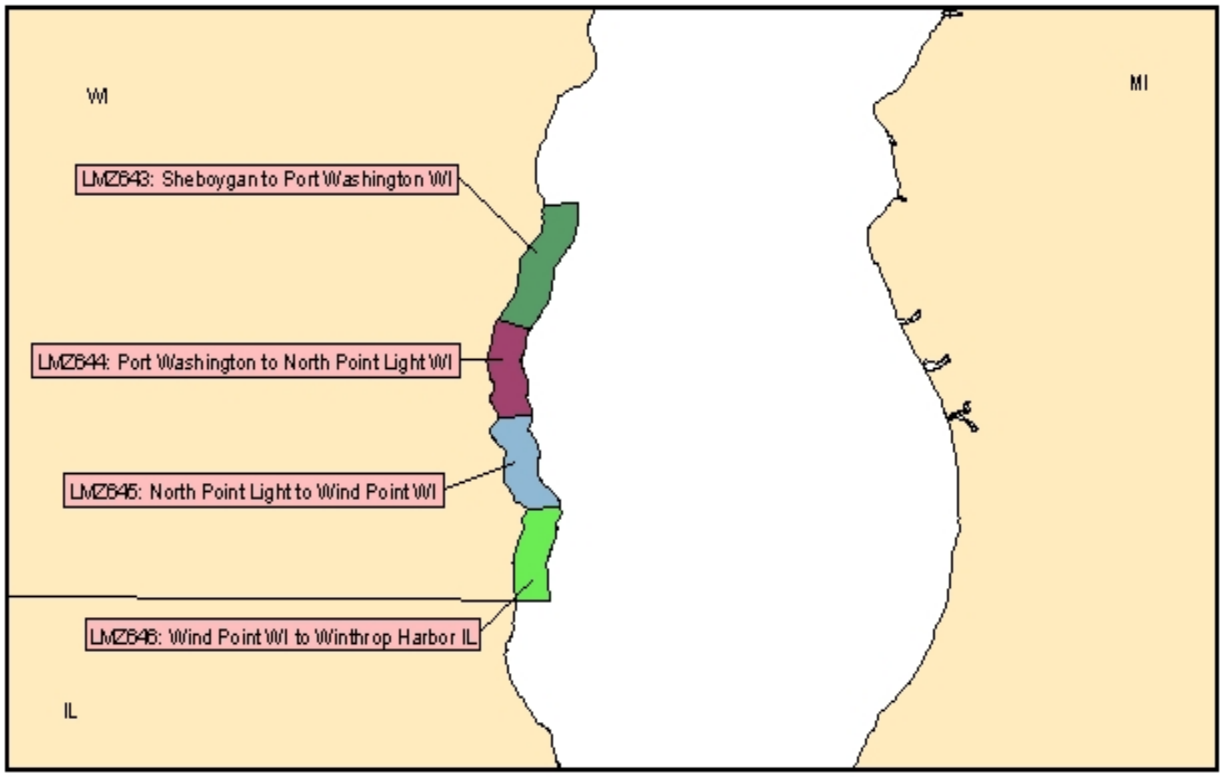
GREEN BAY, WI (GRB)

AREA OF RESPONSIBILITY BOUNDARIES

Lake Michigan - Rock Island Passage to Manitowoc/Sheboygan, WI county line including southern three-quarters of Bay of Green Bay

LMZ521	Green Bay south of line from Cedar River MI to Rock Island Passage and north of a line from Oconto WI to Little Sturgeon Bay WI
LMZ522	Green Bay south of a line from Oconto WI to Little Sturgeon Bay WI
LMZ541	Rock Island Passage to Sturgeon Bay WI
LMZ542	Sturgeon Bay to Two Rivers WI
LMZ543	Two Rivers to Sheboygan WI
LMZ563	Lake Michigan from Rock Island Passage to Sturgeon Bay WI 5 NM offshore to mid lake
LMZ565	Lake Michigan from Sturgeon Bay to Two Rivers WI 5 NM offshore to mid lake
LMZ567	Lake Michigan from Two Rivers to Sheboygan WI 5 NM offshore to mid lake

MARINE ZONES FOR WFO MILWAUKEE - SULLIVAN, WI
(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)

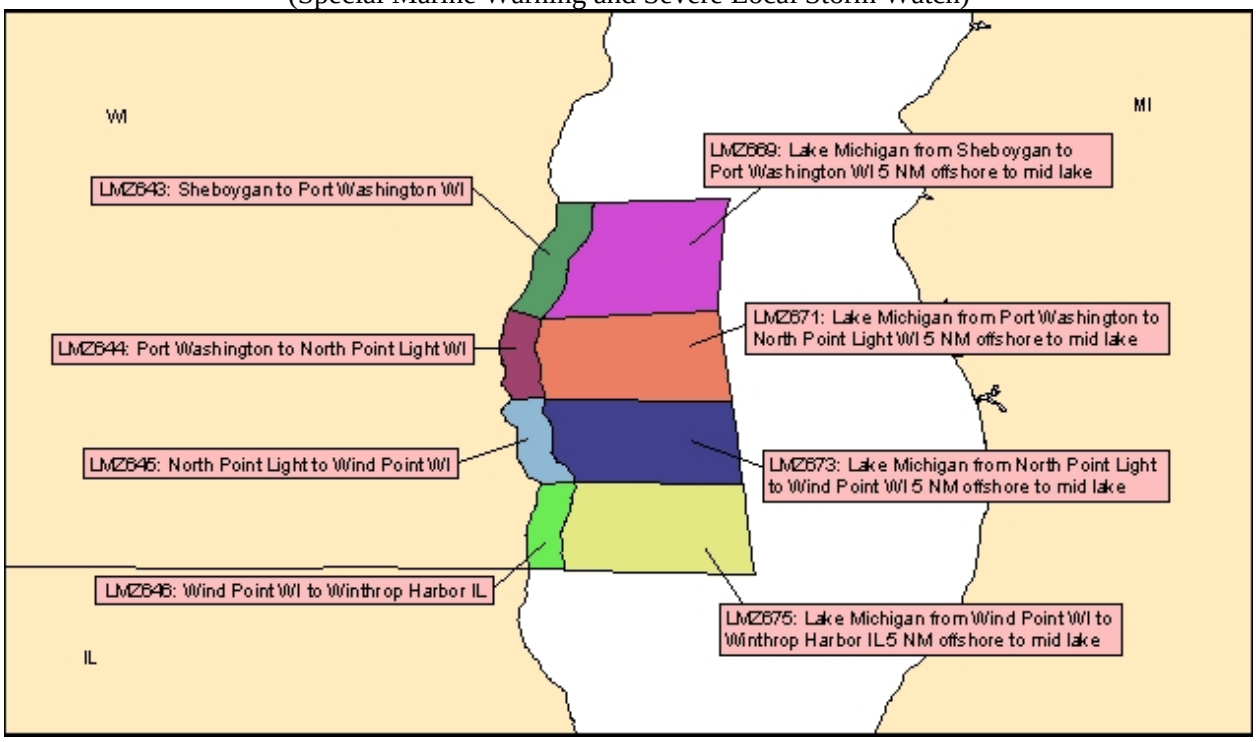


MILWAUKEE - SULLIVAN, WI (MKX)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Michigan - Manitowoc/ Sheboygan, WI county line to IL/WI border

LMZ643	Sheboygan to Port Washington WI
LMZ644	Port Washington to North Point Light WI
LMZ645	North Point Light to Wind Point WI
LMZ646	Wind Point WI to Winthrop Harbor IL

MARINE ZONES FOR WFO MILWAUKEE - SULLIVAN, WI
(Special Marine Warning and Severe Local Storm Watch)

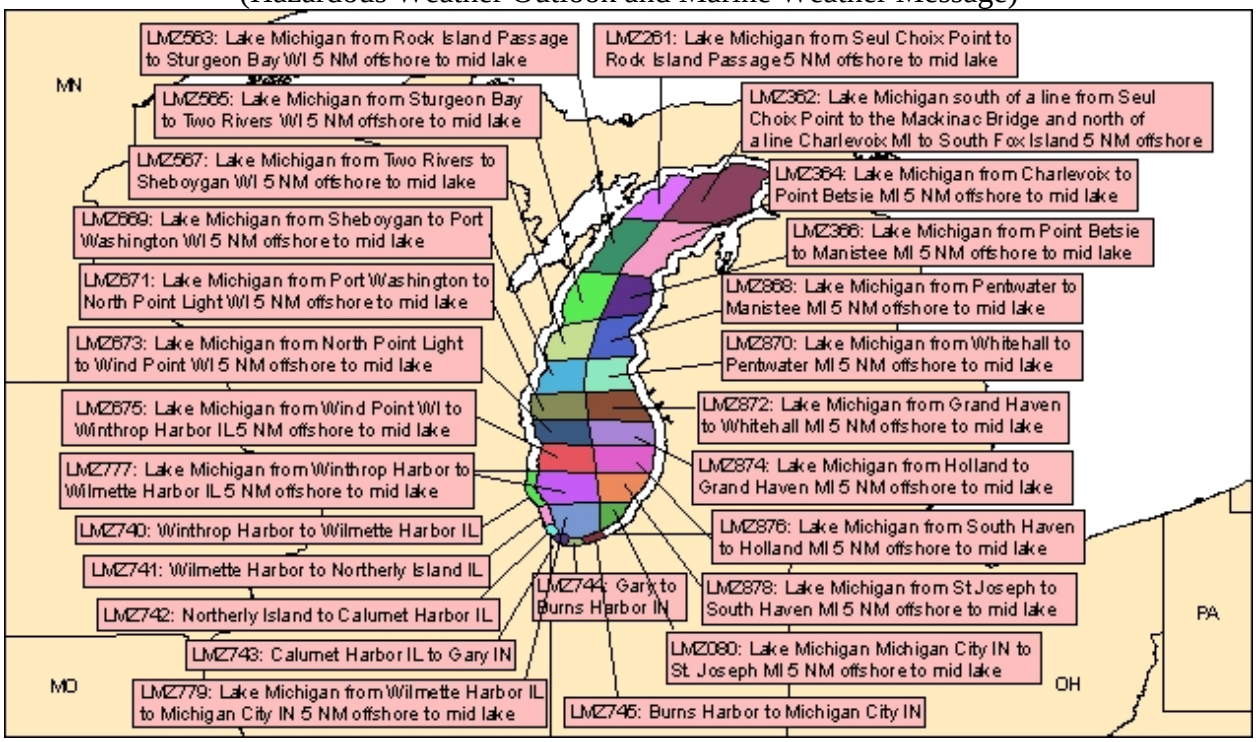


MILWAUKEE - SULLIVAN, WI (MKX)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Michigan - Manitowoc/ Sheboygan, WI county line to IL/WI border

LMZ643	Sheboygan to Port Washington WI
LMZ644	Port Washington to North Point Light WI
LMZ645	North Point Light to Wind Point WI
LMZ646	Wind Point WI to Winthrop Harbor IL
LMZ669	Lake Michigan from Sheboygan to Port Washington WI 5 NM offshore to mid lake
LMZ671	Lake Michigan from Port Washington to North Point Light WI 5 NM offshore to mid lake
LMZ673	Lake Michigan from North Point Light to Wind Point WI 5 NM offshore to mid lake
LMZ675	Lake Michigan from Wind Point WI to Winthrop Harbor IL 5 NM offshore to mid lake

MARINE ZONES FOR WFO CHICAGO, IL
(Hazardous Weather Outlook and Marine Weather Message)



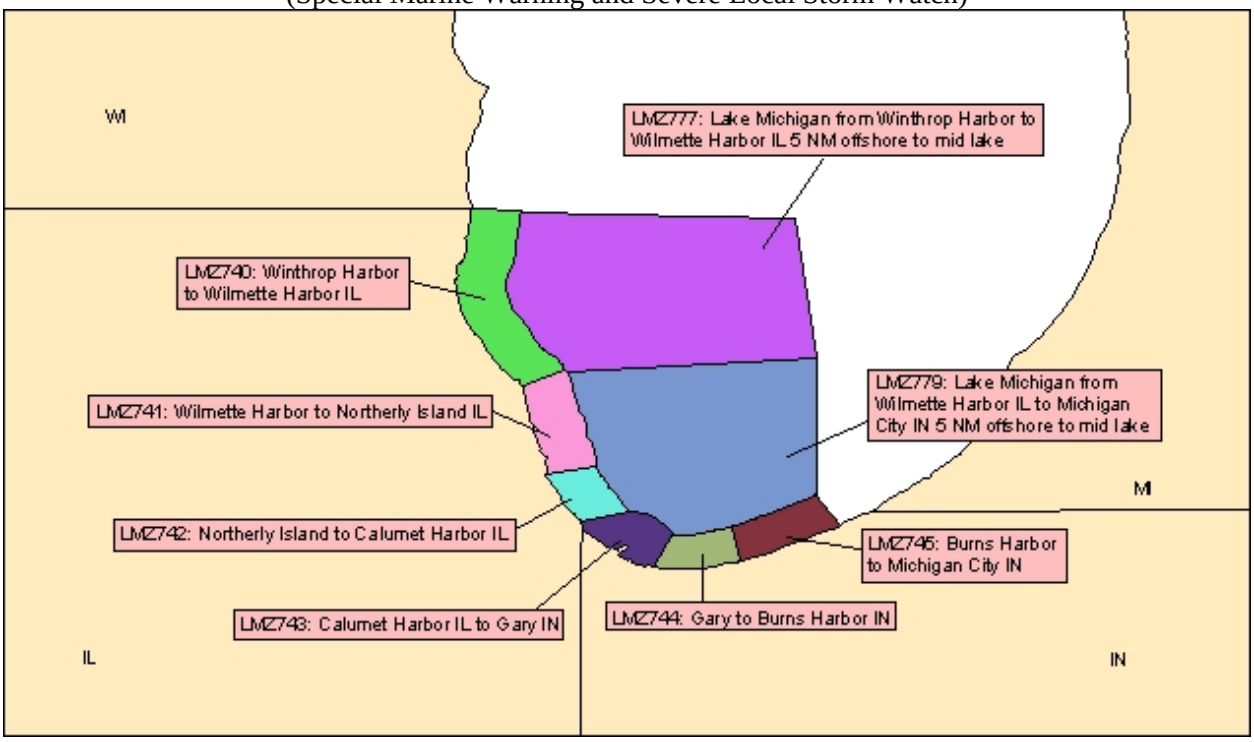
CHICAGO, IL (LOT)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Michigan - IL/WI border to Michigan City IN

LMZ740	Winthrop Harbor to Wilmette Harbor IL
LMZ741	Wilmette Harbor to Northerly Island IL
LMZ742	Northerly Island to Calumet Harbor IL
LMZ743	Calumet Harbor IL to Gary IN
LMZ744	Gary to Burns Harbor IN
LMZ745	Burns Harbor to Michigan City IN
LMZ261	Lake Michigan from Seul Choix Point to Rock Island Passage 5 NM offshore to mid lake
LMZ362	Lake Michigan south of a line from Seul Choix Point to the Mackinac Bridge and north of a line from Charlevoix MI to South Fox Island 5 NM offshore
LMZ364	Lake Michigan from Charlevoix to Point Betsie MI 5 NM offshore to mid lake
LMZ366	Lake Michigan from Point Betsie to Manistee MI 5 NM offshore to mid lake
LMZ563	Lake Michigan from Rock Island Passage to Sturgeon Bay WI 5 NM offshore to mid lake
LMZ565	Lake Michigan from Sturgeon Bay to Two Rivers WI 5 NM offshore to mid lake
LMZ567	Lake Michigan from Two Rivers to Sheboygan WI 5 NM offshore to mid lake
LMZ669	Lake Michigan from Sheboygan to Port Washington WI 5 NM offshore to mid lake
LMZ671	Lake Michigan from Port Washington to North Point Light WI 5 NM offshore to mid lake
LMZ673	Lake Michigan from North Point Light to Wind Point WI 5 NM offshore to mid lake
LMZ675	Lake Michigan from Wind Point WI to Winthrop Harbor IL 5 NM offshore to mid lake
LMZ777	Lake Michigan from Winthrop Harbor to Wilmette Harbor IL 5 NM offshore to mid lake
LMZ779	Lake Michigan from Wilmette Harbor IL to Michigan City IN 5 NM offshore to mid lake
LMZ080	Lake Michigan from Michigan City IN to St. Joseph MI 5 NM offshore to mid lake

LMZ878	Lake Michigan from St. Joseph to South Haven MI 5 NM offshore to mid lake
LMZ876	Lake Michigan from South Haven to Holland MI 5 NM offshore to mid lake
LMZ874	Lake Michigan from Holland to Grand Haven MI 5 NM offshore to mid lake
LMZ872	Lake Michigan from Grand Haven to Whitehall MI 5 NM offshore to mid lake
LMZ870	Lake Michigan from Whitehall to Pentwater MI 5 NM offshore to mid lake
LMZ868	Lake Michigan from Pentwater to Manistee MI 5 NM offshore to mid lake

MARINE ZONES FOR WFO CHICAGO, IL
(Special Marine Warning and Severe Local Storm Watch)

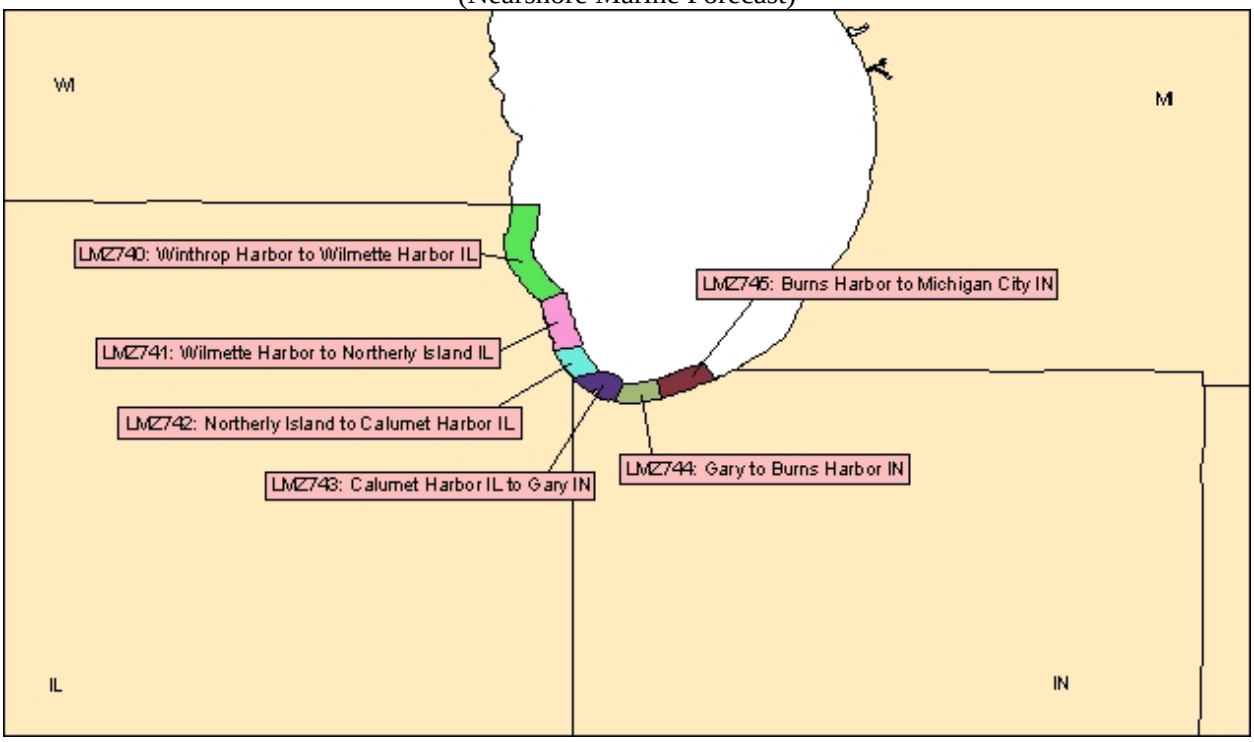


CHICAGO, IL (LOT)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Michigan - IL/WI border to Michigan City IN

LMZ740	Winthrop Harbor to Wilmette Harbor IL
LMZ741	Wilmette Harbor to Northerly Island IL
LMZ742	Northerly Island to Calumet Harbor IL
LMZ743	Calumet Harbor IL to Gary IN
LMZ744	Gary to Burns Harbor IN
LMZ745	Burns Harbor to Michigan City IN
LMZ777	Lake Michigan from Winthrop Harbor to Wilmette Harbor IL 5 NM offshore to mid lake
LMZ779	Lake Michigan from Wilmette Harbor IL to Michigan City IN 5 NM offshore to mid lake

MARINE ZONES FOR WFO CHICAGO, IL
(Nearshore Marine Forecast)

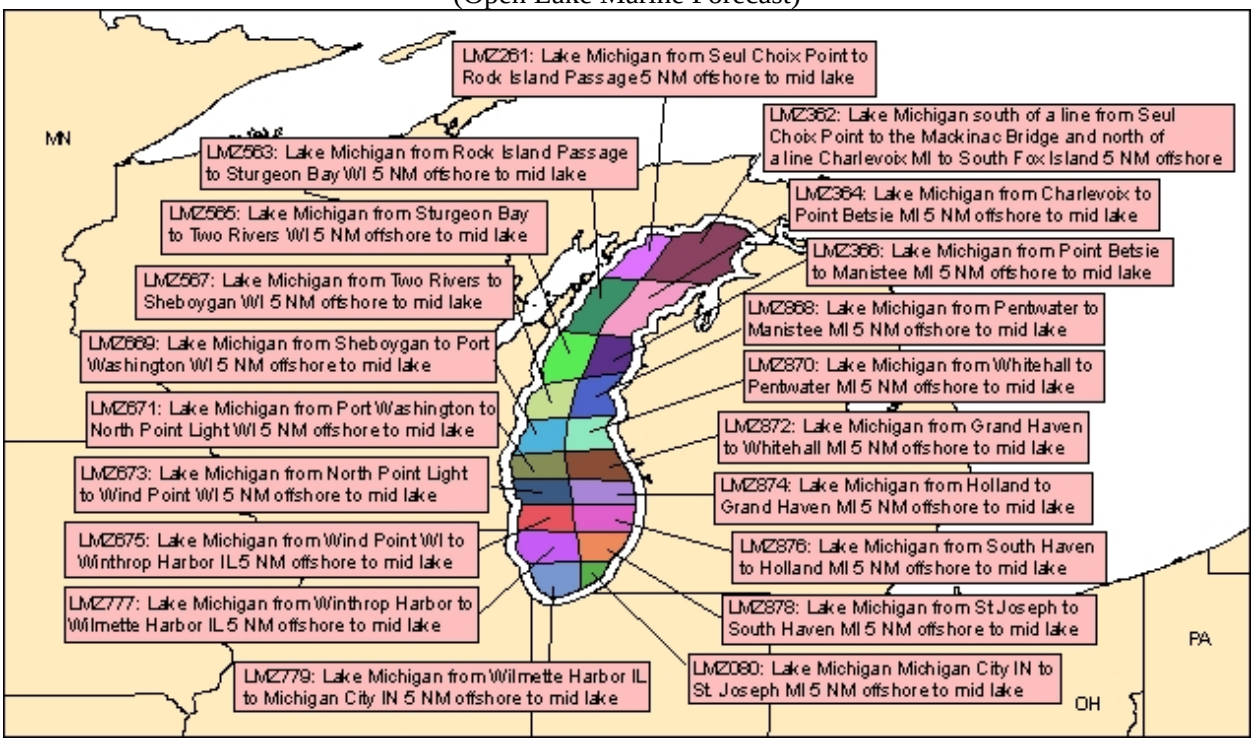


CHICAGO, IL (LOT)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Michigan - IL/WI border to Michigan City IN

LMZ740	Winthrop Harbor to Wilmette Harbor IL
LMZ741	Wilmette Harbor to Northerly Island IL
LMZ742	Northerly Island to Calumet Harbor IL
LMZ743	Calumet Harbor IL to Gary IN
LMZ744	Gary to Burns Harbor IN
LMZ745	Burns Harbor to Michigan City IN

(Open Lake Marine Forecast)

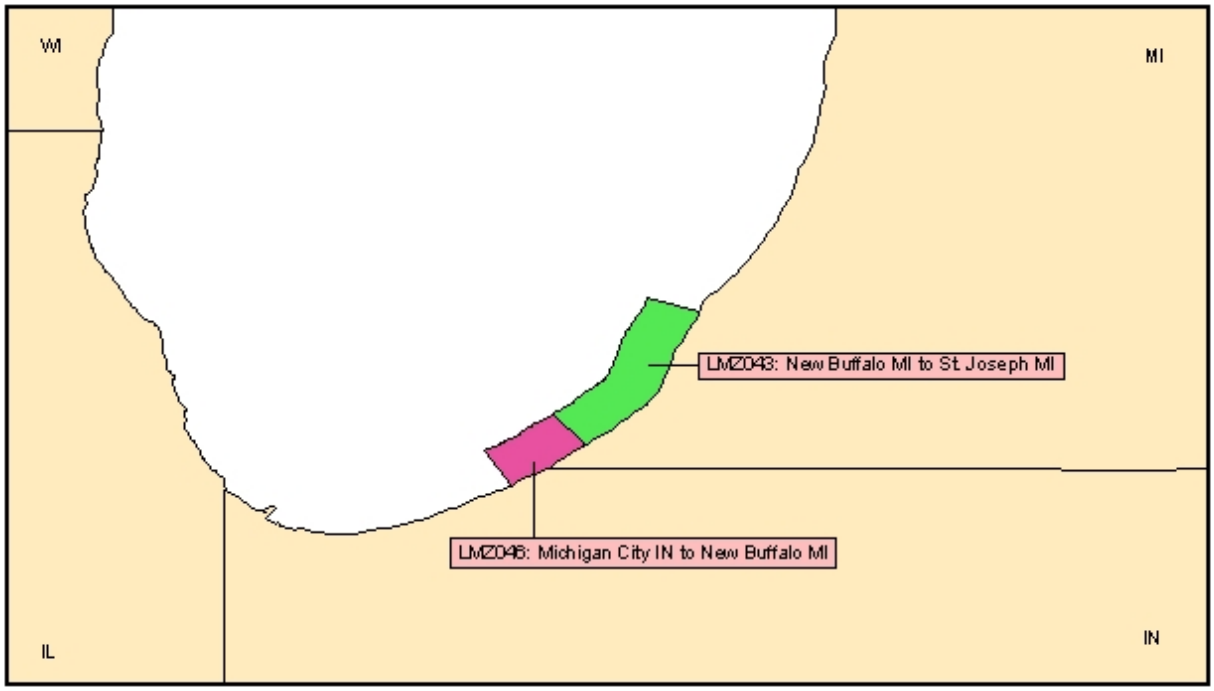


CHICAGO, IL (LOT)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Michigan - IL/WI border to Michigan City IN

LMZ261	Lake Michigan from Seul Choix Point to Rock Island Passage 5 NM offshore to mid lake
LMZ362	Lake Michigan south of a line from Seul Choix Point to the Mackinac Bridge and north of a line from Charlevoix MI to South Fox Island 5 NM offshore
LMZ364	Lake Michigan from Charlevoix to Point Betsie MI 5 NM offshore to mid lake
LMZ366	Lake Michigan from Point Betsie to Manistee MI 5 NM offshore to mid lake
LMZ563	Lake Michigan from Rock Island Passage to Sturgeon Bay WI 5 NM offshore to mid lake
LMZ565	Lake Michigan from Sturgeon Bay to Two Rivers WI 5 NM offshore to mid lake
LMZ567	Lake Michigan from Two Rivers to Sheboygan WI 5 NM offshore to mid lake
LMZ669	Lake Michigan from Sheboygan to Port Washington WI 5 NM offshore to mid lake
LMZ671	Lake Michigan from Port Washington to North Point Light WI 5 NM offshore to mid lake
LMZ673	Lake Michigan from North Point Light to Wind Point WI 5 NM offshore to mid lake
LMZ675	Lake Michigan from Wind Point WI to Winthrop Harbor IL 5 NM offshore to mid lake
LMZ777	Lake Michigan from Winthrop Harbor to Wilmette Harbor IL 5 NM offshore to mid lake
LMZ779	Lake Michigan from Wilmette Harbor IL to Michigan City IN 5 NM offshore to mid lake
LMZ080	Lake Michigan from Michigan City IN to St. Joseph MI 5 NM offshore to mid lake
LMZ878	Lake Michigan from St. Joseph to South Haven MI 5 NM offshore to mid lake
LMZ876	Lake Michigan from South Haven to Holland MI 5 NM offshore to mid lake
LMZ874	Lake Michigan from Holland to Grand Haven MI 5 NM offshore to mid lake
LMZ872	Lake Michigan from Grand Haven to Whitehall MI 5 NM offshore to mid lake
LMZ870	Lake Michigan from Whitehall to Pentwater MI 5 NM offshore to mid lake
LMZ868	Lake Michigan from Pentwater to Manistee MI 5 NM offshore to mid lake

LMZ761 Lake Michigan MAFOR

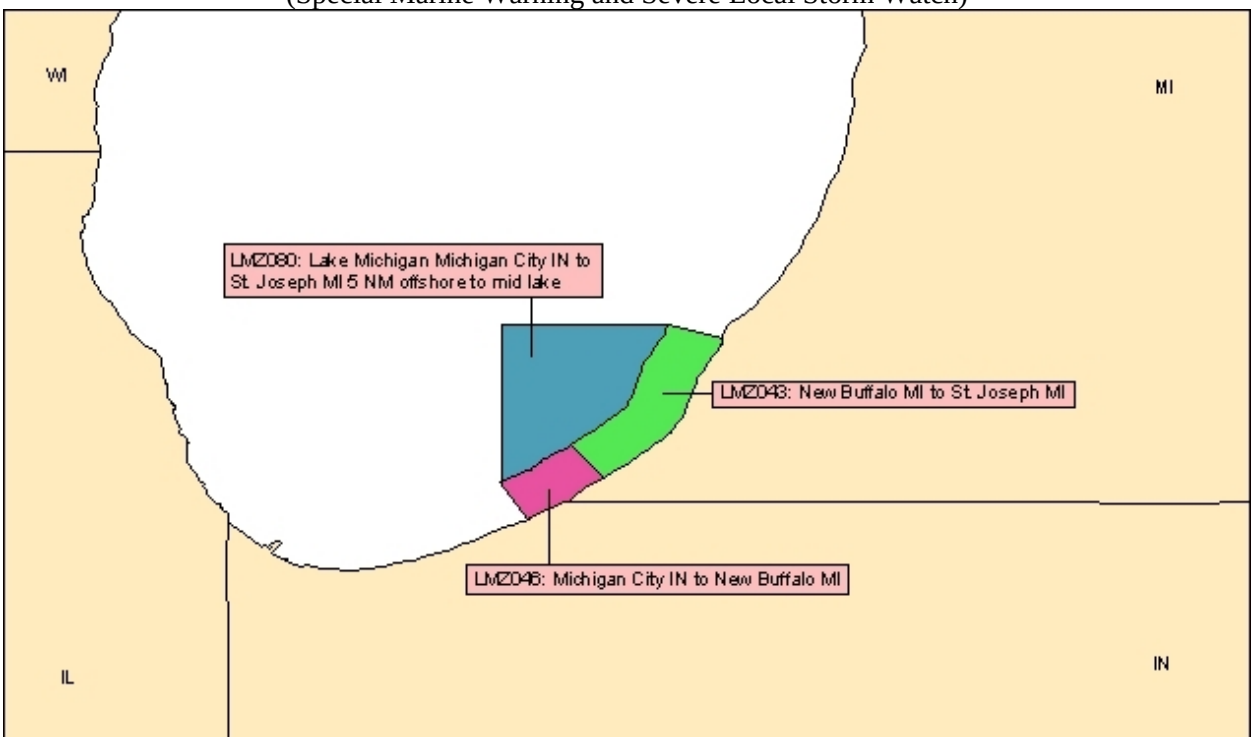


NORTHERN INDIANA, IN (IWX)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Michigan – Michigan City, IN to St Joseph, MI

LMZ046	Michigan City IN to New Buffalo MI
LMZ043	New Buffalo MI to St. Joseph MI

MARINE ZONES FOR WFO NORTHERN INDIANA, IN
(Special Marine Warning and Severe Local Storm Watch)

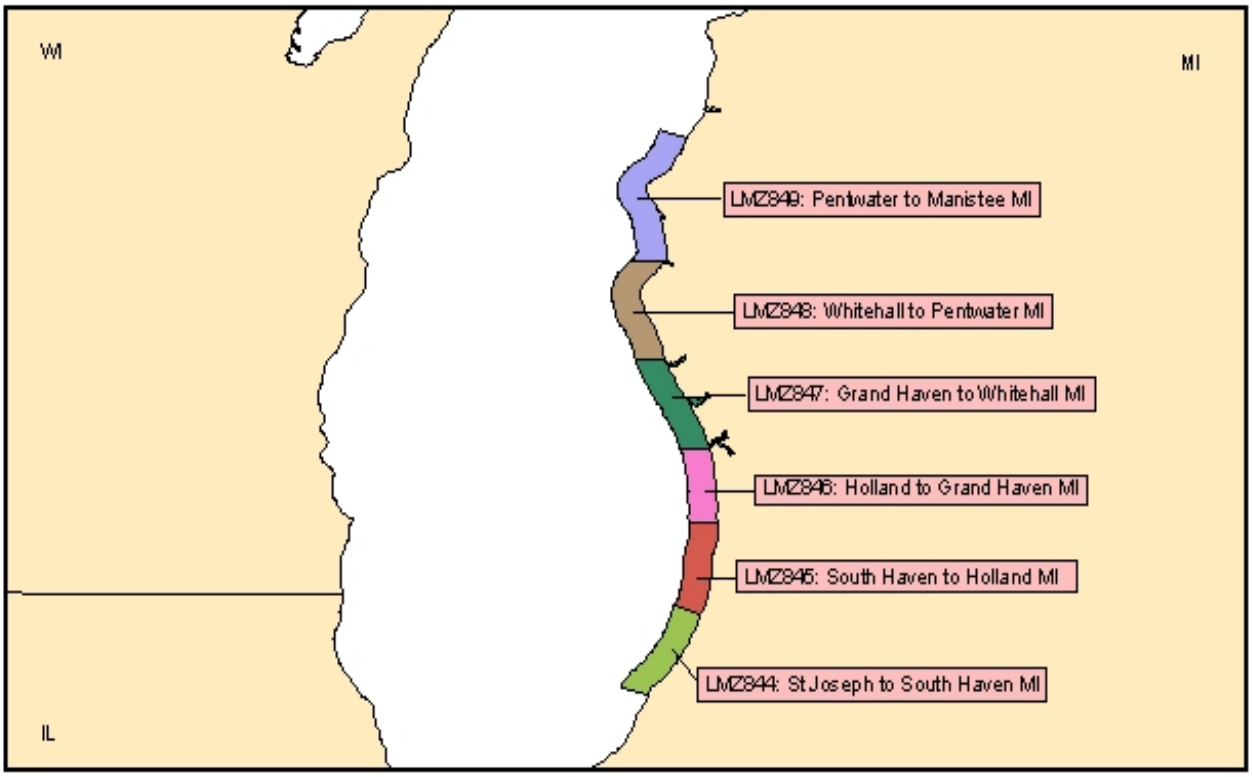


NORTHERN INDIANA, IN (IWX)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Michigan – Michigan City, IN to St Joseph, MI

LMZ046	Michigan City IN to New Buffalo MI
LMZ043	New Buffalo MI to St. Joseph MI
LMZ080	Lake Michigan from Michigan City IN to St. Joseph MI to 5 NM offshore to mid lake

MARINE ZONES FOR WFO GRAND RAPIDS, MI
(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)

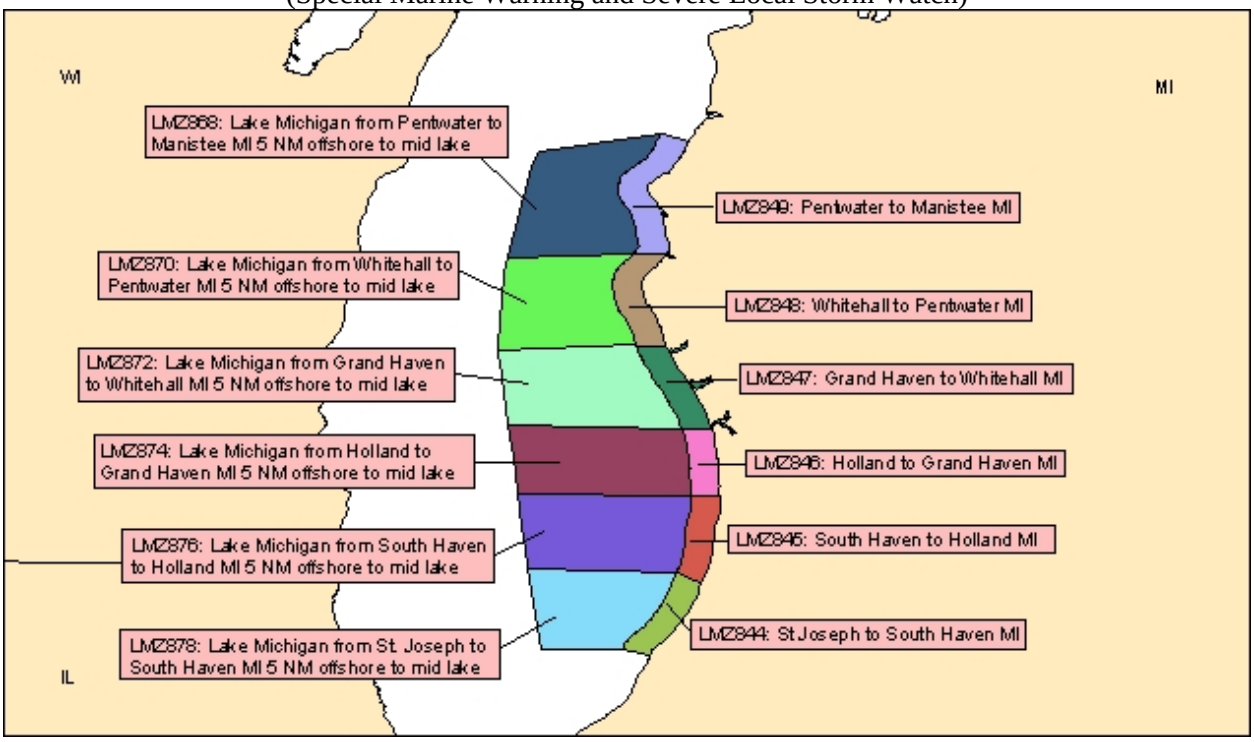


GRAND RAPIDS, MI (GRR)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Michigan - St. Joseph, MI to Manistee/Mason, MI county line

LMZ844	St Joseph to South Haven MI
LMZ845	South Haven to Holland MI
LMZ846	Holland to Grand Haven MI
LMZ847	Grand Haven to Whitehall MI
LMZ848	Whitehall to Pentwater MI
LMZ849	Pentwater to Manistee MI

MARINE ZONES FOR WFO GRAND RAPIDS, MI
(Special Marine Warning and Severe Local Storm Watch)

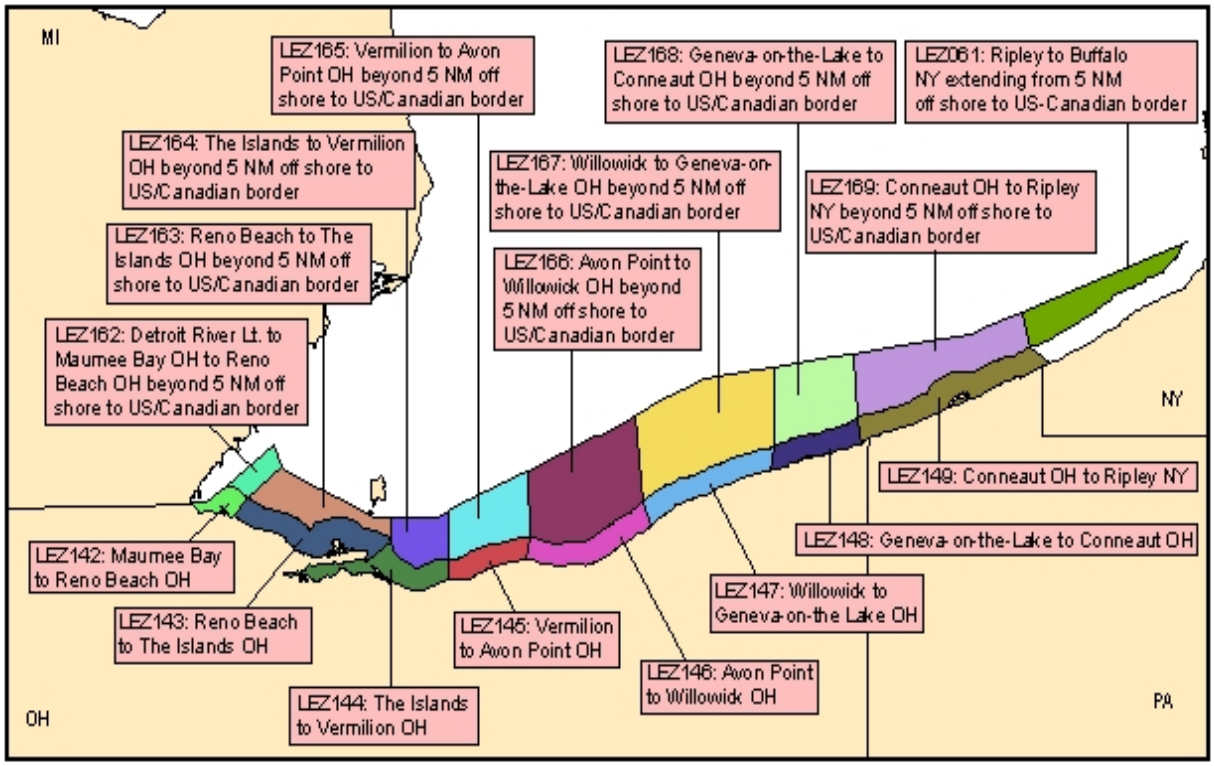


GRAND RAPIDS, MI (GRR)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Michigan - St. Joseph, MI to Manistee/Mason, MI county line

LMZ844	St Joseph to South Haven MI
LMZ845	South Haven to Holland MI
LMZ846	Holland to Grand Haven MI
LMZ847	Grand Haven to Whitehall MI
LMZ848	Whitehall to Pentwater MI
LMZ849	Pentwater to Manistee MI
LMZ878	Lake Michigan from St. Joseph to South Haven MI 5 NM offshore to mid lake
LMZ876	Lake Michigan from South Haven to Holland MI 5 NM offshore to mid lake
LMZ874	Lake Michigan from Holland to Grand Haven MI 5 NM offshore to mid lake
LMZ872	Lake Michigan from Grand Haven to Whitehall MI 5 NM offshore to mid lake
LMZ870	Lake Michigan from Whitehall to Pentwater MI 5 NM offshore to mid lake
LMZ868	Lake Michigan from Pentwater to Manistee MI 5 NM offshore to mid lake

MARINE ZONES FOR WFO CLEVELAND, OH
(Hazardous Weather Outlook and Marine Weather Message)

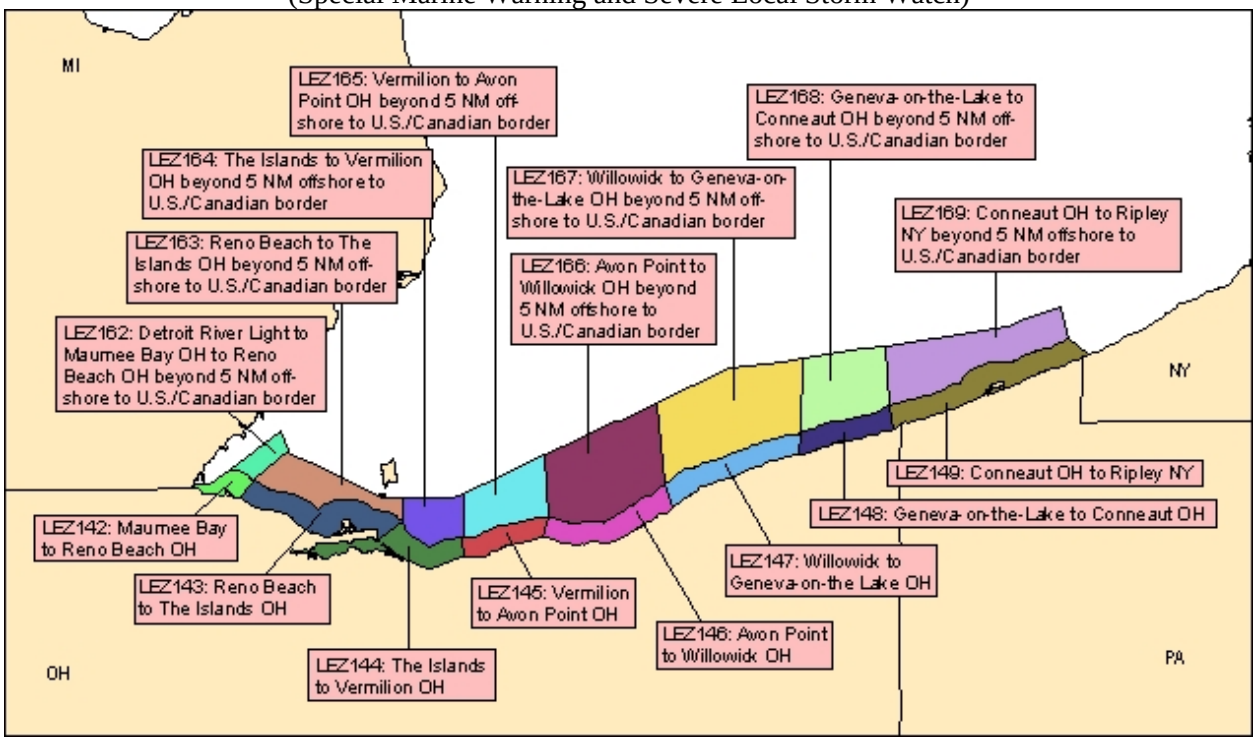


CLEVELAND, OH (CLE)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Erie - MI/OH border to NY/PA border

LEZ142	Maumee Bay to Reno Beach OH
LEZ143	Reno Beach to The Islands OH
LEZ144	The Islands to Vermilion OH
LEZ145	Vermilion to Avon Point OH
LEZ146	Avon Point to Willowick OH
LEZ147	Willowick to Geneva-on-the Lake OH
LEZ148	Geneva-on-the-Lake to Conneaut OH
LEZ149	Conneaut OH to Ripley NY
LEZ162	Detroit River Light to Maumee Bay OH to Reno Beach OH beyond 5 NM off-shore to U.S./Canadian border
LEZ163	Reno Beach to The Islands OH beyond 5 NM offshore to U.S./Canadian border
LEZ164	The Islands to Vermilion OH beyond 5 NM offshore to U.S./Canadian border
LEZ165	Vermilion to Avon Point OH beyond 5 NM offshore to U.S./Canadian border
LEZ166	Avon Point to Willowick OH beyond 5 NM offshore to U.S./Canadian border
LEZ167	Willowick to Geneva-on-the Lake OH beyond 5 NM offshore to U.S./Canadian border
LEZ168	Geneva-on-the-Lake to Conneaut OH beyond 5 NM offshore to U.S./Canadian border
LEZ169	Conneaut OH to Ripley NY beyond 5 NM offshore to U.S./Canadian border
LEZ061	Ripley to Buffalo NY extending from 5 NM offshore to U.S./Canadian border

MARINE ZONES FOR WFO CLEVELAND, OH
(Special Marine Warning and Severe Local Storm Watch)

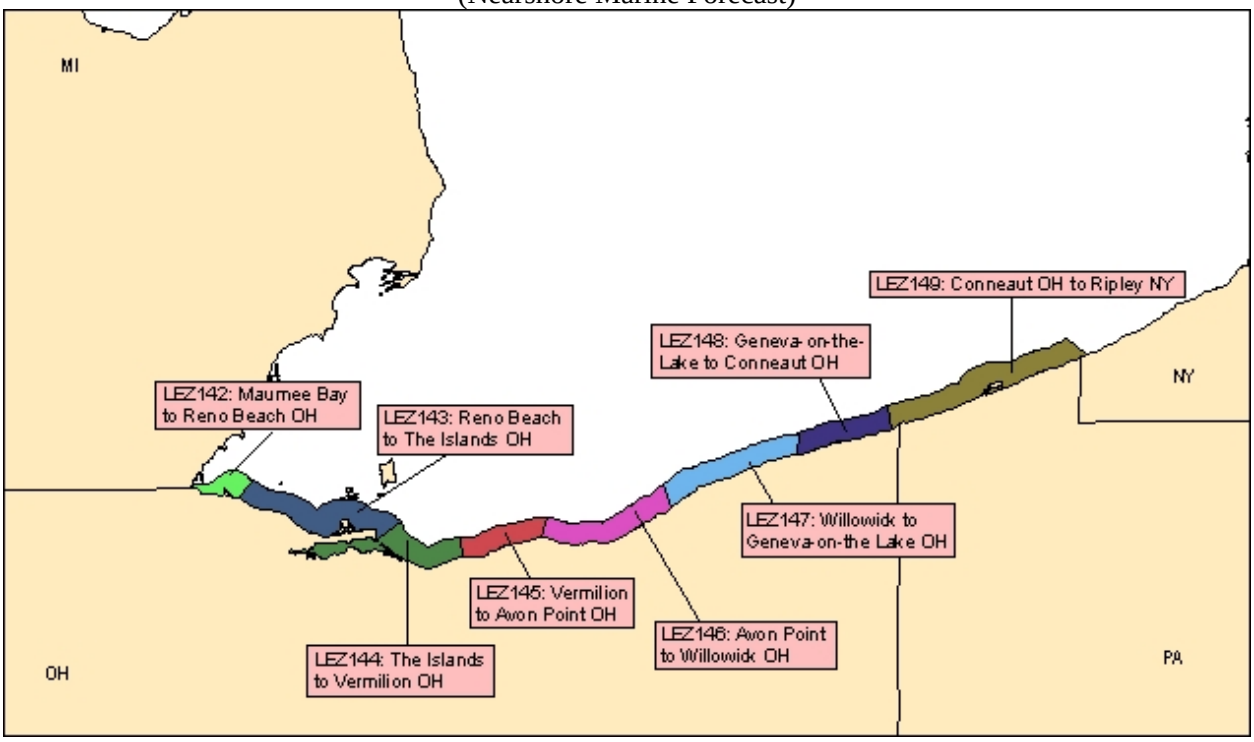


CLEVELAND, OH (CLE)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Erie - MI/OH border to NY/PA border

LEZ142	Maumee Bay to Reno Beach OH
LEZ143	Reno Beach to The Islands OH
LEZ144	The Islands to Vermilion OH
LEZ145	Vermilion to Avon Point OH
LEZ146	Avon Point to Willowick OH
LEZ147	Willowick to Geneva-on-the Lake OH
LEZ148	Geneva-on-the-Lake to Conneaut OH
LEZ149	Conneaut OH to Ripley NY
LEZ162	Detroit River Light to Maumee Bay OH to Reno Beach OH beyond 5 NM offshore to U.S./Canadian border
LEZ163	Reno Beach to The Islands OH beyond 5 NM offshore to U.S./Canadian border
LEZ164	The Islands to Vermilion OH beyond 5 NM offshore to U.S./Canadian border
LEZ165	Vermilion to Avon Point OH beyond 5 NM offshore to U.S./Canadian border
LEZ166	Avon Point to Willowick OH beyond 5 NM offshore to U.S./Canadian border
LEZ167	Willowick to Geneva-on-the Lake OH beyond 5 NM offshore to U.S./Canadian border
LEZ168	Geneva-on-the-Lake to Conneaut OH beyond 5 NM offshore to U.S./Canadian border
LEZ169	Conneaut OH to Ripley NY beyond 5 NM offshore to U.S./Canadian border

MARINE ZONES FOR WFO CLEVELAND, OH
(Nearshore Marine Forecast)

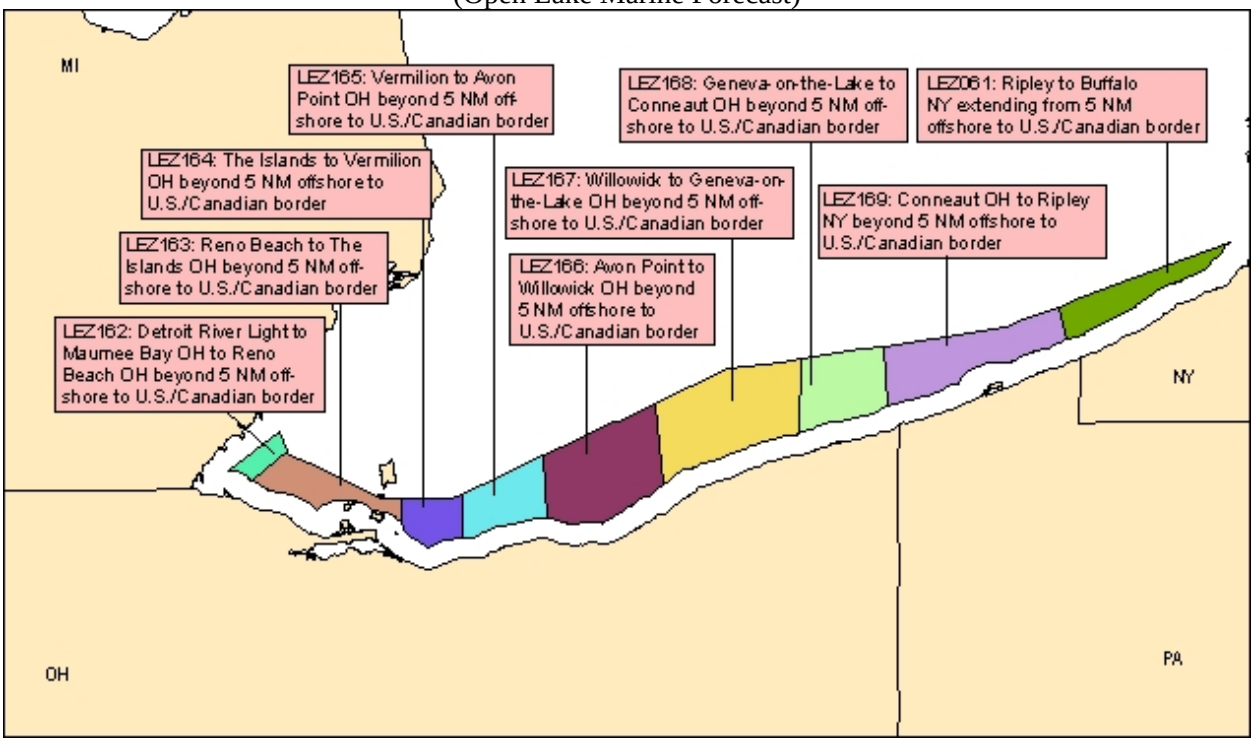


CLEVELAND, OH (CLE)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Erie - MI/OH border to NY/PA border

LEZ142	Maumee Bay to Reno Beach OH
LEZ143	Reno Beach to The Islands OH
LEZ144	The Islands to Vermilion OH
LEZ145	Vermilion to Avon Point OH
LEZ146	Avon Point to Willowick OH
LEZ147	Willowick to Geneva-on-the Lake OH
LEZ148	Geneva-on-the-Lake to Conneaut OH
LEZ149	Conneaut OH to Ripley NY

(Open Lake Marine Forecast)

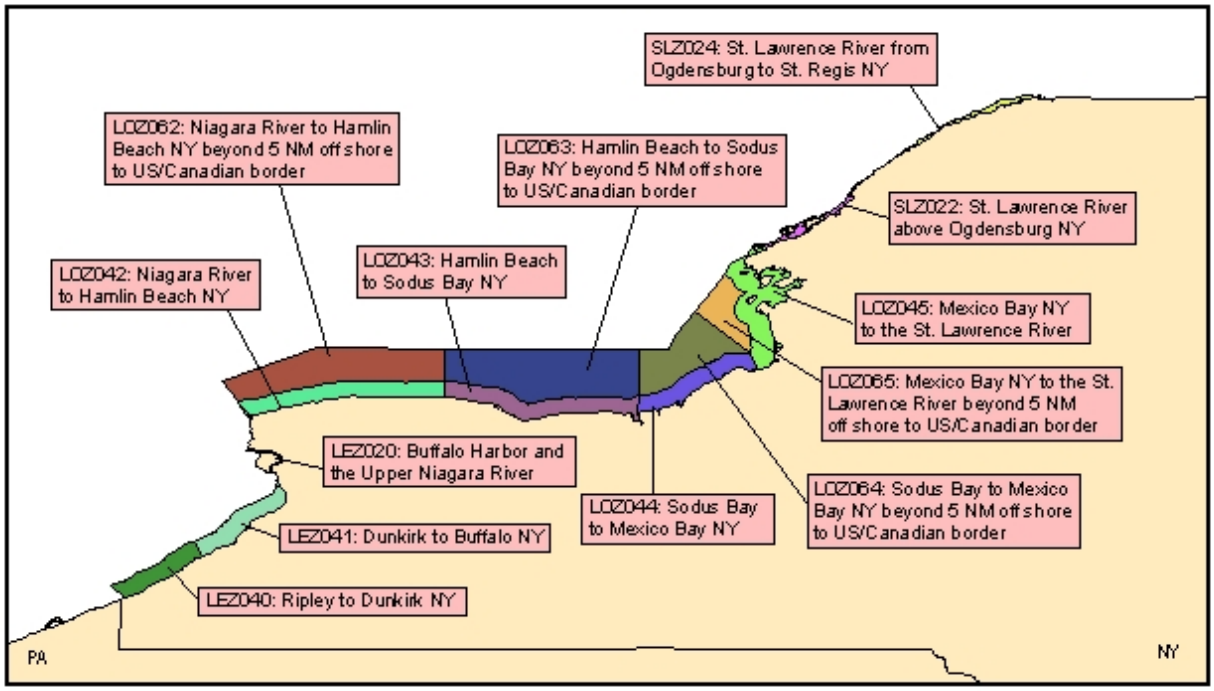


CLEVELAND, OH (CLE)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Erie - MI/OH border to NY/PA border

LEZ162	Detroit River Light to Maumee Bay OH to Reno Beach OH beyond 5 NM off-shore to U.S./Canadian border
LEZ163	Reno Beach to The Islands OH beyond 5 NM offshore to U.S./Canadian border
LEZ164	The Islands to Vermilion OH beyond 5 NM offshore to U.S./Canadian border
LEZ165	Vermilion to Avon Point OH beyond 5 NM offshore to U.S./Canadian border
LEZ166	Avon Point to Willowick OH beyond 5 NM offshore to U.S./Canadian border
LEZ167	Willowick to Geneva-on-the Lake OH beyond 5 NM offshore to U.S./Canadian border
LEZ168	Geneva-on-the-Lake to Conneaut OH beyond 5 NM offshore to U.S./Canadian border
LEZ169	Conneaut OH to Ripley NY beyond 5 NM offshore to U.S./Canadian border
LEZ061	Ripley to Buffalo NY extending from 5 NM offshore to U.S./Canadian border
LEZ161	Lake Erie MAFOR

(Hazardous Weather Outlook and Marine Weather Message)

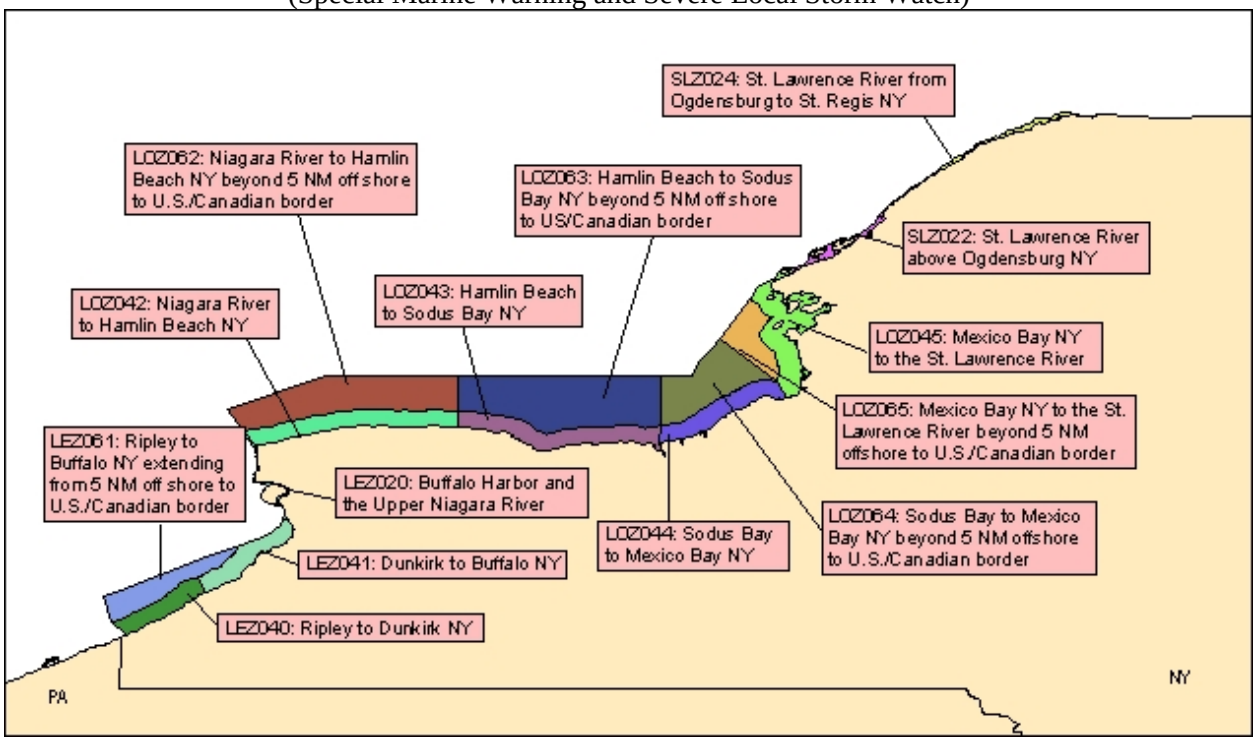


BUFFALO, NY (BUF)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Erie - NY/PA border to Buffalo Harbor, Buffalo Harbor and Niagara River
Lake Ontario – U.S./Canada border near Niagara River to U.S./Canada border at St. Lawrence River

LEZ040	Ripley to Dunkirk NY
LEZ041	Dunkirk to Buffalo NY
LEZ020	Buffalo Harbor and the Upper Niagara River
LOZ042	Niagara River to Hamlin Beach NY
LOZ043	Hamlin Beach to Sodus Bay NY
LOZ044	Sodus Bay to Mexico Bay NY
LOZ045	Mexico Bay NY to the St. Lawrence River
LOZ062	Niagara River to Hamlin Beach NY beyond 5 NM offshore to U.S./Canadian border
LOZ063	Hamlin Beach to Sodus Bay NY beyond 5 NM offshore to U.S./Canadian border
LOZ064	Sodus Bay to Mexico Bay NY beyond 5 NM offshore to U.S./Canadian border
LOZ065	Mexico Bay NY to the St. Lawrence River beyond 5 NM offshore to U.S./Canadian border
SLZ022	St. Lawrence River above Ogdensburg NY
SLZ024	St. Lawrence River from Ogdensburg to St. Regis NY

MARINE ZONES FOR WFO BUFFALO, NY
(Special Marine Warning and Severe Local Storm Watch)



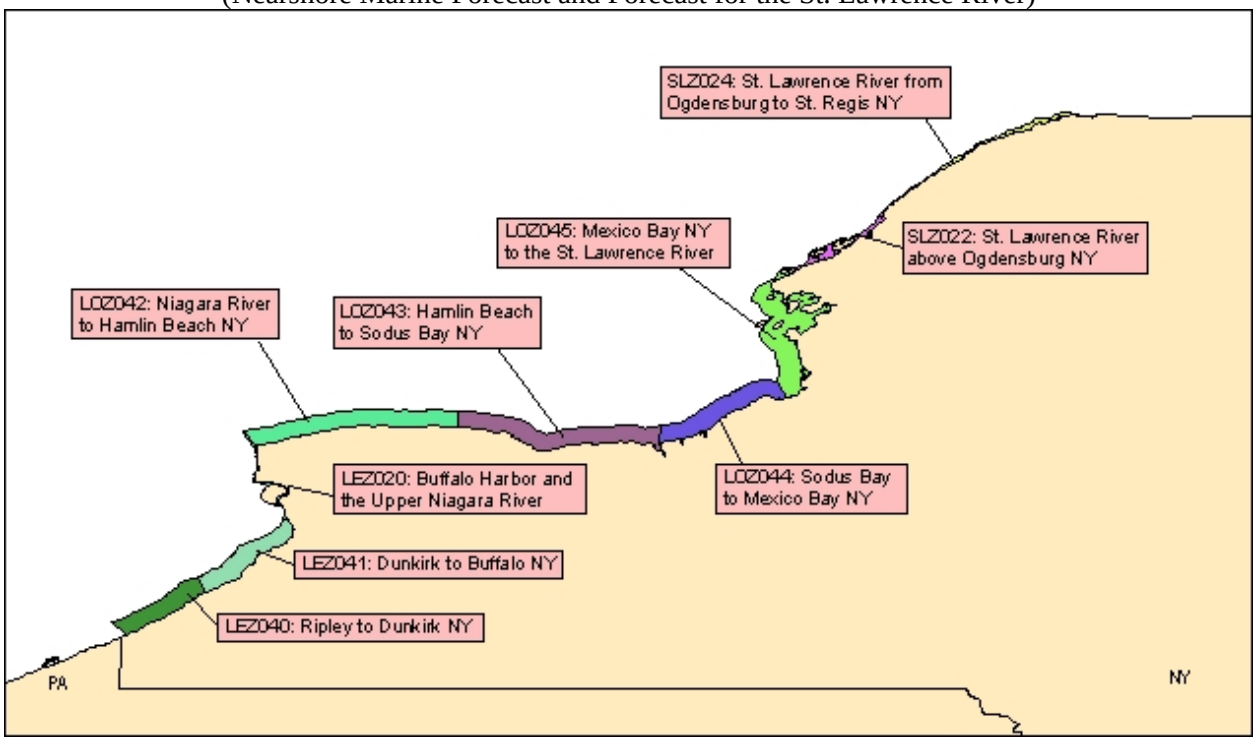
BUFFALO, NY (BUF)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>

Lake Erie - NY/PA border to Buffalo Harbor, Buffalo Harbor and Niagara River
Lake Ontario – U.S./Canada border near Niagara River to U.S./Canada border at St. Lawrence River

LEZ040	Ripley to Dunkirk NY
LEZ041	Dunkirk to Buffalo NY
LEZ061	Ripley to Buffalo NY extending from 5 NM offshore to U.S./Canadian border
LEZ020	Buffalo Harbor and the Upper Niagara River
LOZ042	Niagara River to Hamlin Beach NY
LOZ043	Hamlin Beach to Sodus Bay NY
LOZ044	Sodus Bay to Mexico Bay NY
LOZ045	Mexico Bay NY to the St. Lawrence River
LOZ062	Niagara River to Hamlin Beach NY beyond 5 NM offshore to U.S./Canadian border
LOZ063	Hamlin Beach to Sodus Bay NY beyond 5 NM offshore to U.S./Canadian border
LOZ064	Sodus Bay to Mexico Bay NY beyond 5 NM offshore to U.S./Canadian border
LOZ065	Mexico Bay NY to the St. Lawrence River beyond 5 NM offshore to U.S./Canadian border
SLZ022	St. Lawrence River above Ogdensburg NY
SLZ024	St. Lawrence River from Ogdensburg to St. Regis NY

MARINE ZONES FOR WFO BUFFALO, NY
(Nearshore Marine Forecast and Forecast for the St. Lawrence River)

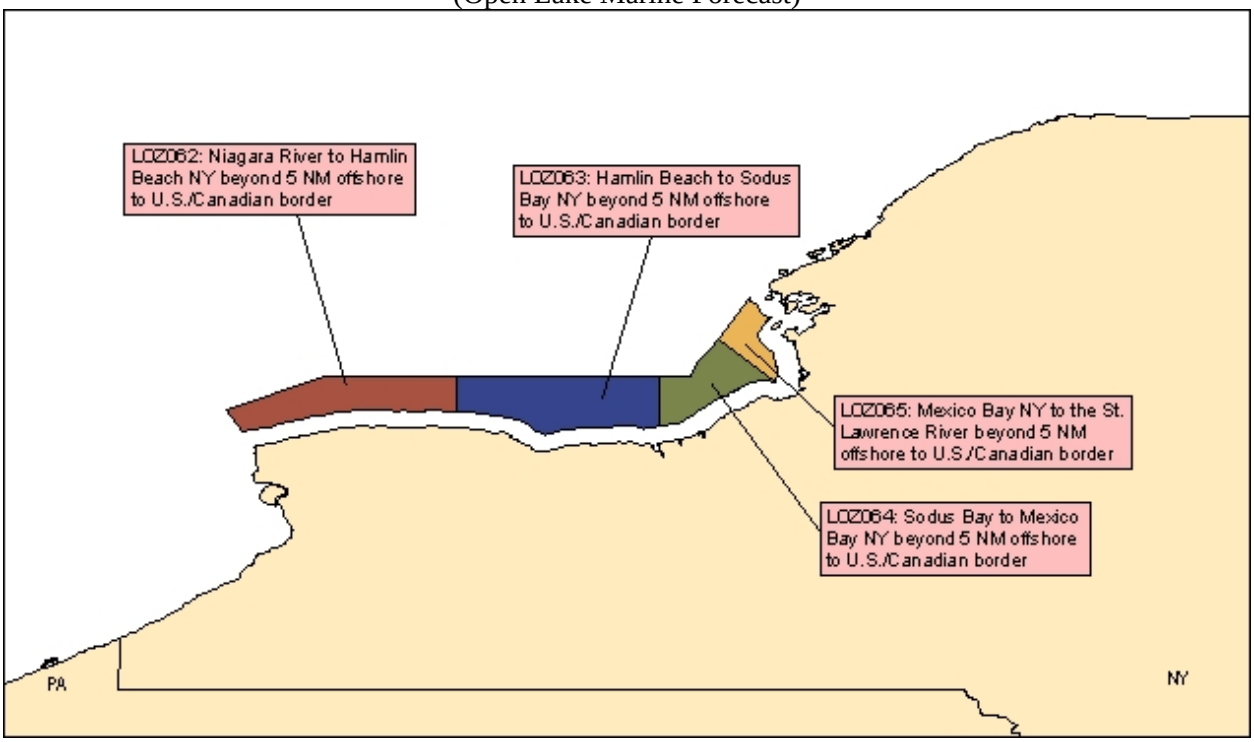


BUFFALO, NY (BUF)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Erie - NY/PA border to Buffalo Harbor, Buffalo Harbor and Niagara River
Lake Ontario – U.S./Canada border near Niagara River to U.S./Canada border at St. Lawrence River

LEZ040	Ripley to Dunkirk NY
LEZ041	Dunkirk to Buffalo NY
LEZ020	Buffalo Harbor and the Upper Niagara River
LOZ042	Niagara River to Hamlin Beach NY
LOZ043	Hamlin Beach to Sodus Bay NY
LOZ044	Sodus Bay to Mexico Bay NY
LOZ045	Mexico Bay NY to the St. Lawrence River
SLZ022	St. Lawrence River above Ogdensburg NY
SLZ024	St. Lawrence River from Ogdensburg to St. Regis NY

(Open Lake Marine Forecast)



BUFFALO, NY (BUF)

<u>AREA OF RESPONSIBILITY BOUNDARIES</u>
Lake Erie - NY/PA border to Buffalo Harbor, Buffalo Harbor and Niagara River
Lake Ontario – U.S./Canada border near Niagara River to U.S./Canada border at St. Lawrence River

LOZ062	Niagara River to Hamlin Beach NY beyond 5 NM offshore to U.S./Canadian border
LOZ063	Hamlin Beach to Sodus Bay NY beyond 5 NM offshore to U.S./Canadian border
LOZ064	Sodus Bay to Mexico Bay NY beyond 5 NM offshore to U.S./Canadian border
LOZ065	Mexico Bay NY to the St. Lawrence River beyond 5 NM offshore to U.S./Canadian border
LOZ061	Lake Ontario MAFOR

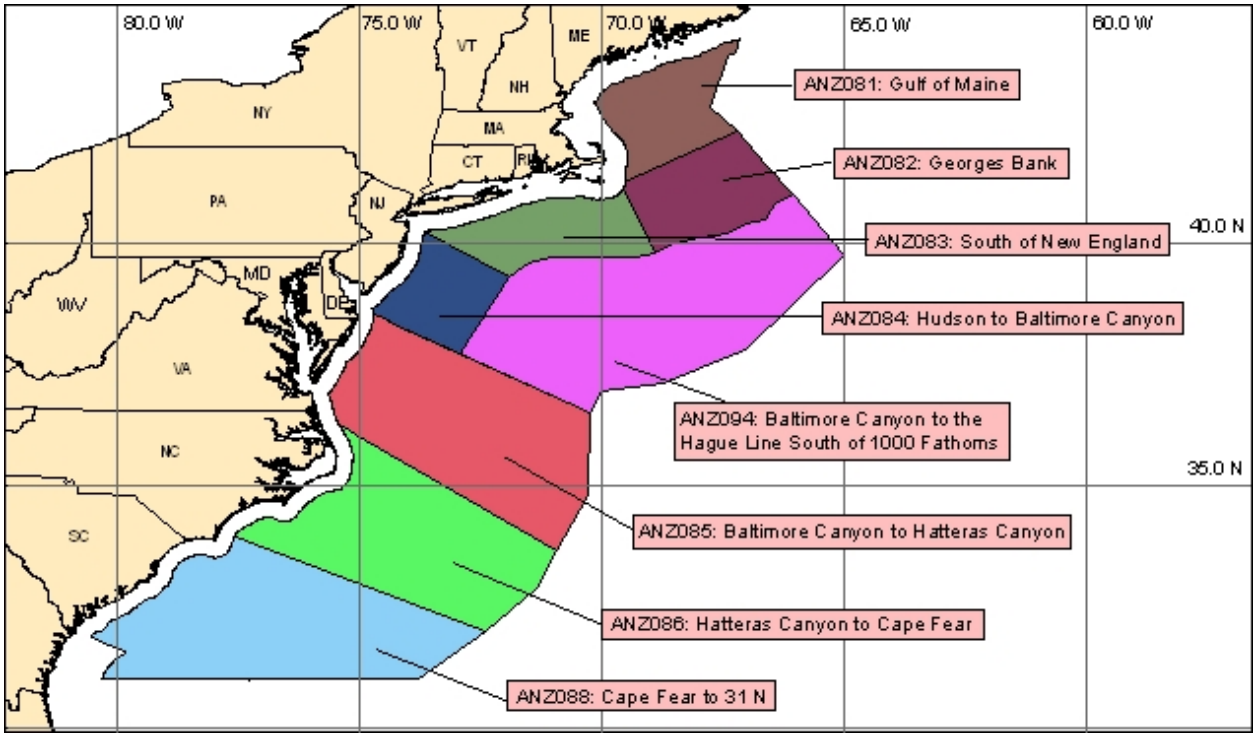
3. Offshore Forecast Areas of Responsibility.

OFFSHORE MARINE FORECASTS

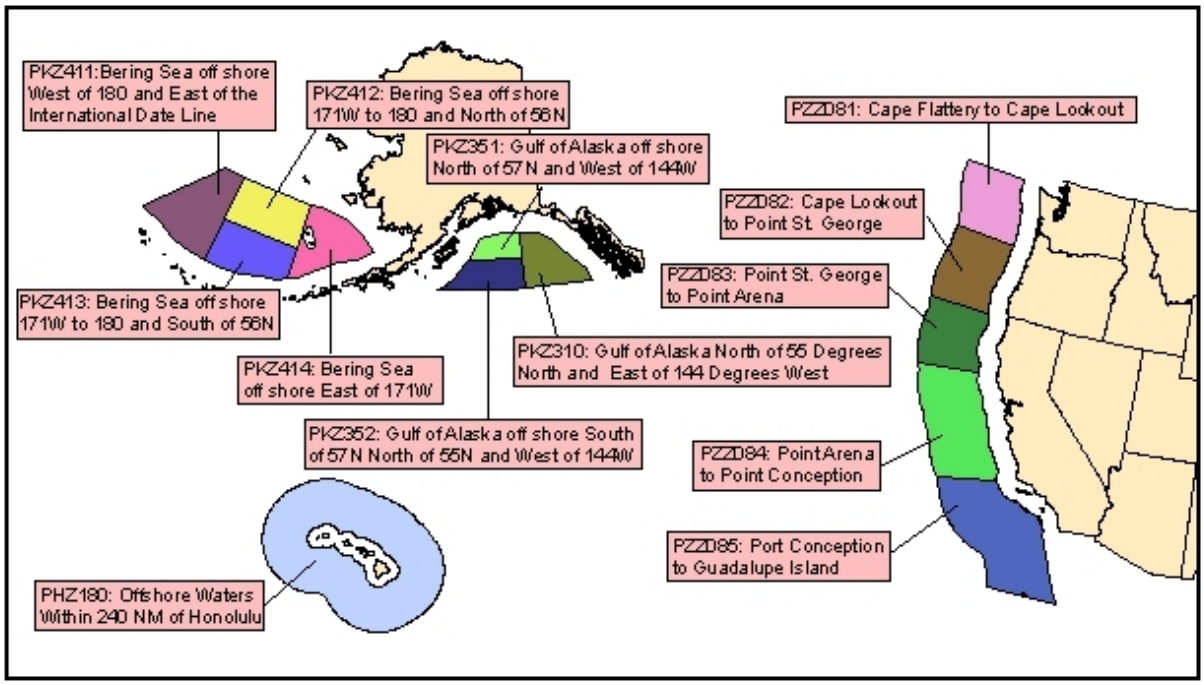
Issuing Office	Official Area of Responsibility	Warning and Forecast Headings	UGC	Area ID
NCEP/ OPC	Waters of the West Atlantic Ocean adjacent to the U.S. southwest of the	New England Continental Shelf and Slope Waters from 25 NM Offshore to The Hague Line…except to 1000 fathoms S of New England.		
	Hague Line and north of 31N and between the Coastal Waters Forecast and 250 NM off shore	Synopsis for New England Waters.	ANZ080	NTI
		Gulf of Maine to the Hague Line.	ANZ081	
		Georges Bank from the Northeast Channel to the Great South Channel including the waters east of Cape Cod to the Hague Line.	ANZ082	
		South of New England from the Great South Channel to Hudson Canyon including the waters south of Martha's Vineyard and Nantucket Island out to 1000 fathoms.	ANZ083	
		W Central N Atlantic Shelf and Slope Waters Beyond 20 NM to 250 NM Offshore…Including S of Georges Bank from 1000 fathoms to 250 NM Offshore:		
		Synopsis for Mid Atlantic Waters.	ANZ089	NT2
		Hudson to Baltimore Canyon.	ANZ084	
		Baltimore Canyon to The Hague Line South of 1000 Fathoms	ANZ094	
		Baltimore Canyon to Hatteras Canyon out to 36N 70W to 34N 71W.	ANZ085	
		Hatteras Canyon to Cape Fear out to 34N 71W to 32N 73W.	ANZ086	
		Cape Fear to 31N out to 32N 73W to 31N 74W.	ANZ088	

	Waters of the Eastern Pacific Ocean adjacent to the contiguous U.S. between 60 NM and 250 NM from shore	Washington and Oregon waters from 60 NM to 250 NM off shore:		
		Synopsis for Washington and Oregon Waters.	PZZ080	PZ5
		Cape Flattery to Cape Lookout.	PZZ081	
		Cape Lookout to Point St. George.	PZZ082	
		California waters from 60 NM to 250 NM Offshore:		
		Synopsis for California Waters Offshore.	PZZ089	PZ6
		Point St. George to Point Arena.	PZZ083	
		Point Arena to Point Conception.	PZZ084	
		Point Conception to Guadalupe Island.	PZZ085	
NCEP/ TPC	The Gulf of Mexico outside the Coastal Marine Forecast areas.	Offshore Waters Forecast for Gulf of Mexico: Includes the Flower Gardens National Marine Sanctuary		
		Synopsis for the Gulf of Mexico.	GMZ089	NT4
		NW Gulf N of 25N and W of 90W.	GMZ080	
		SW Gulf S of 25N and W of 90W.	GMZ082	
		Middle Gulf between 85W and 90W.	GMZ084	
		E Gulf between 81W and 85W.	GMZ086	
	The Southwest North Atlantic south of 31N and west of 65W, the Caribbean Sea, and the tropical North Atlantic east of the Lesser Antilles and west of 55W between the coastal waters of South America and 22N	Offshore Waters Forecast for the Caribbean Sea and Tropical N Atlc from 07N to 22N between 55W and 65W and southwest N Atlc S of 31N W of 65W:		
		Synopsis for Caribbean Sea and Tropical N Atlantic from 7N to 22N between 55W and 65W.	AMZ089	NT3
		NW Caribbean North of 15N West of 75W.	AMZ082	
		SW Caribbean S of 15N West of 75W.	AMZ084	
		E Caribbean E of 75W to the Leeward and Windward Islands.	AMZ086	
		Tropical N Atlantic from 7N to 22N between 55W and 65W.	AMZ087	
		Synopsis for SW North Atlantic including the Bahamas.	AMZ088	
		SW North Atlantic S of 31N West of 65W including the Bahamas.	AMZ080	

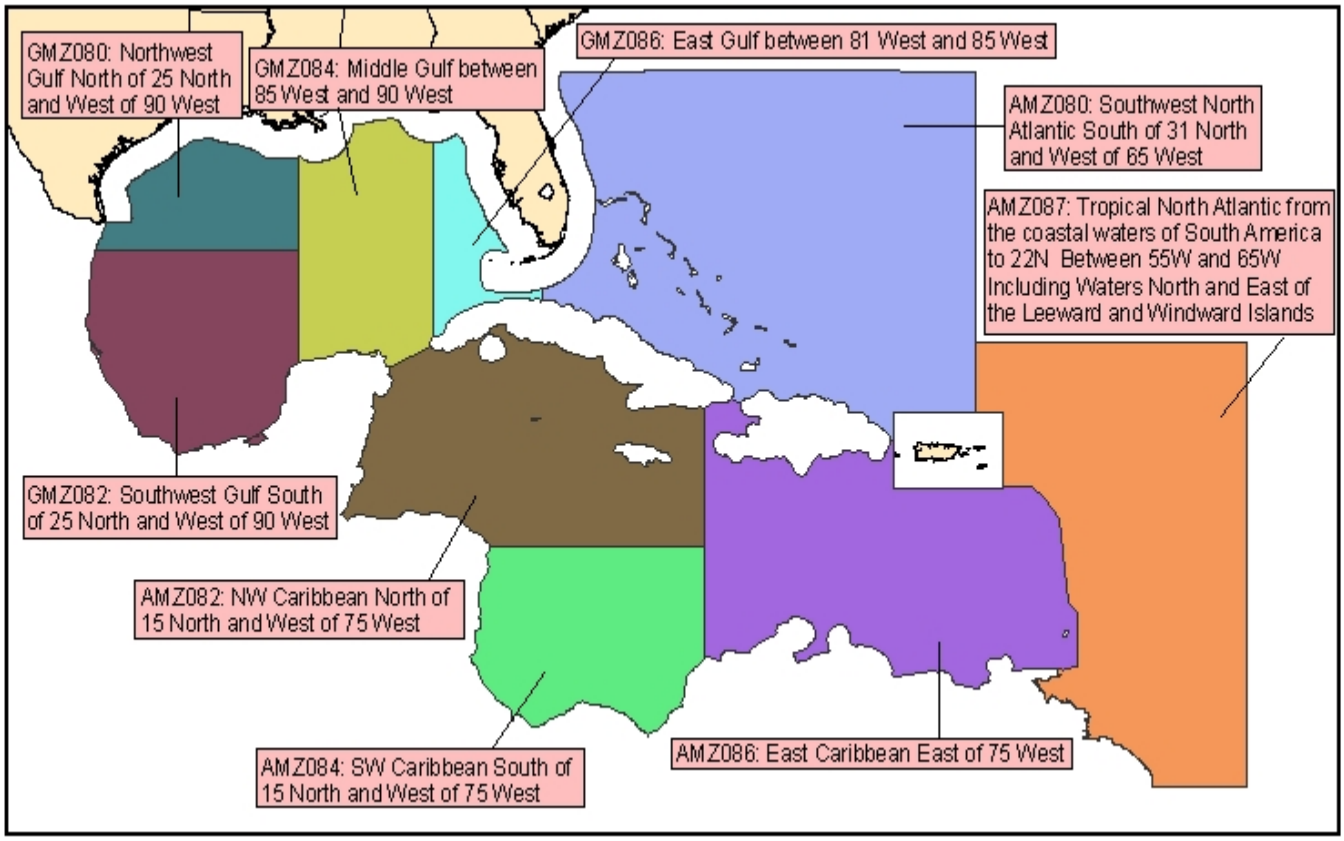
WFO AFC	The Gulf of Alaska north of 55 degrees North and west of 144 degrees West	Gulf of Alaska Offshore Waters Forecast:		
		Synopsis for Gulf of Alaska north of 55 degrees North and west of 144 degrees West.	PKZ399	AFC
		Gulf of Alaska offshore north of 57 degrees North and west of 144 degrees West.	PKZ351	
		Gulf of Alaska offshore south of 57 degrees North north of 55 degrees North and west of 144 degrees West.	PKZ352	
	The Bering Sea east of the International Date Line outside the Coastal Waters	Central Bering Sea Offshore Waters Forecast:		
		Synopsis for the Central Bering Sea.	PKZ499	AFC
		Bering Sea offshore west of 180 degrees and east of the International Date Line.	PKZ411	
		Bering Sea offshore 171 degrees West to 180 degrees and north of 56 degrees North	PKZ412	
		Bering Sea offshore 171 degrees West to 180 degrees and south of 56 degrees North	PKZ413	
		Bering Sea offshore east of 171 degrees West	PKZ414	
WFO AJK	The Gulf of Alaska north of 55 degrees North and east of 144 degrees West	Gulf of Alaska Offshore Waters Forecast:		
		Synopsis for Gulf of Alaska north of 55 degrees North and east of 144 degrees West.	PKZ398	AJK
		Gulf of Alaska north of 55 degrees North and east of 144 degrees West.	PKZ310	
WFO HFO	Hawaiian Offshore Waters Beyond 40 Nautical Miles out to 240 Nautical Miles	Hawaiian Offshore Waters Beyond 40 Nautical Miles out to 240 Nautical Miles:		
		Synopsis for Hawaiian Offshore Waters	PHZ105	HFO
		Hawaiian Offshore Waters	PHZ180	



North Atlantic



Alaska, Hawaii and Pacific



South Atlantic, Gulf of Mexico, and Caribbean

4. NAVTEX Forecast Areas of Responsibility (pages 84-85)

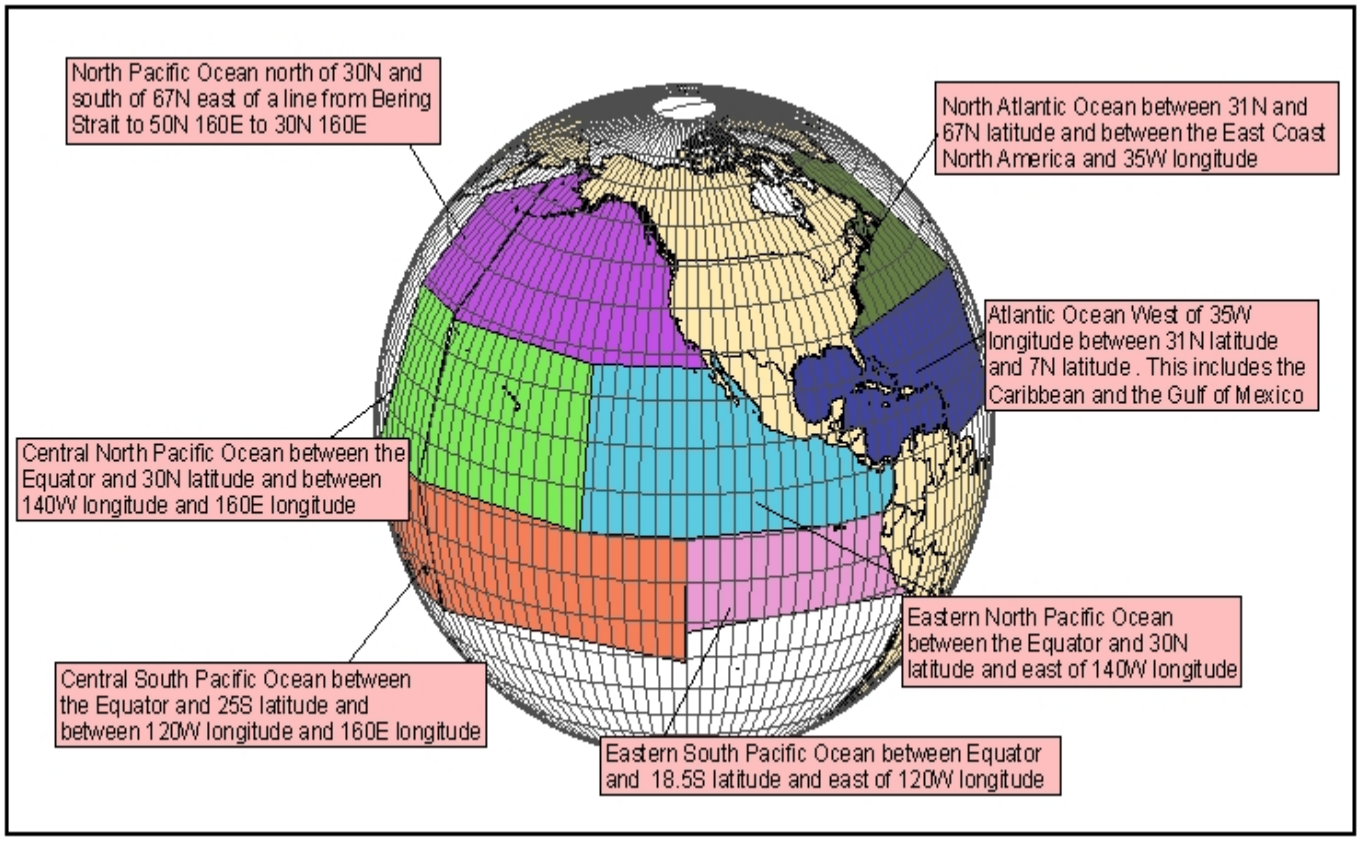
Issuing Office	Geographic Heading	Prod. ID	WMO Header	Product Coverage (out to 200 NM)	NAVTEX Transmitter
OPC/ ATL	Northeast U.S. waters	OFFN01	FZNT23KWNM	Eastport ME to Sandy Hook NJ	Boston MA
	Mid Atl. states waters	OFFN02	FZNT24KWNM	Sandy Hook NJ to Murrells Inlet SC	Chesapeake VA
	Southeastern U.S. waters	OFFN03	FZNT25KWNM	Murrells Inlet SC to Flagler Beach FL	Savannah GA
TPC	SW North Atlantic E half of the Gulf of Mexico and NW Caribbean waters	OFFN04	FZNT25KNHC	Flagler Beach FL to Suwannee River FL	Miami FL
	Puerto Rico and U.S. Virgin Isls. waters	OFFN05	FZNT26KNHC	Surrounding San Juan	San Juan PR
	Gulf of Mexico waters	OFFN06	FZNT27KNHC	Suwannee River FL to Rio Grande	New Orleans LA
OPC/ PAC.	Southern Calif. waters	OFFN07	FZPN22KWNM	Mexican Border to Point Piedras Blancas CA	Cambria CA
	Northern Calif. waters	OFFN08	FZPN23KWNM	Point Piedras Blancas CA to Point St. George CA	Pt.Reyes CA
	WA and OR waters	OFFN09	FZPN24KWNM	Point St.George CA to Canadian Border	Astoria OR
WFO HFO	Hawaiian waters	OFFN10	FZHW61 PHFO	Hawaiian waters	Honolulu, HI

4. NAVTEX Forecast Areas of Responsibility (continued from page 84)

Issuing Office	Geographic Heading	Prod. ID	WMO Header	Product Coverage	NAVTEX Transmitter
WFO AJK	SE Alaska coastal. waters	OFFN11	FZAK61 PAJK	Dixon Entrance to Cape Suckling (out to 100 NM)	Kodiak, AK
WFO AFC	S Central Alaska coastal waters	OFFN12	FZAK63 PAFC	S Central Alaska coastal waters (out to 100 NM)	Kodiak, AK
WFO AFC	SW Alaska coastal waters	OFFN13	FZAK64 PAFC	Alaska Peninsula Waters and Aleutian Islands (out to 100 NM)	Kodiak, AK
WFO AFG	NW Coast	OFFN14	FZAK62 PAFG	Norton Sound, Kotzebue Sound, Dall Point to Cape Thompson	Kodiak, AK
WFO AFG	Arctic Coast	OFFN15	FZAK61 PAFG	Cape Thompson to Demarcation Point	Kodiak, AK

5. High Seas Forecast Areas of Responsibility.

Issuing Office	Area
NCEP/OPC	North Atlantic Ocean between 31 N and 67 N latitude and between the East Coast of the U.S. and 35 W longitude. WMO METAREA IV
	North Pacific Ocean north of 30 N and south of 67 N east of a line from Bering Strait to 50 N 160 E to 30 N 160 E. WMO METAREA XII
NCEP/TPC	Atlantic Ocean west of 35 W longitude between 31 N latitude and 7 N latitude including the Caribbean Sea and the Gulf of Mexico. WMO METAREA IV
	Eastern North Pacific Ocean between the Equator and 30 N latitude and east of 140 W longitude. WMO METAREA XII
	Eastern South Pacific Ocean between the Equator and 18.5 S latitude and east of 120 W longitude. WMO METAREA XVI
WFO Honolulu	Central North Pacific Ocean between the Equator and 30 N latitude and between 140 W longitude and 160 E longitude. WMO METAREA XII
	Central South Pacific Ocean between the Equator and 25 S latitude and between 120 W longitude and 160 E longitude. WMO METAREA XIV


North Pacific Ocean north of 30N and south of 67N east of a line from Bering Strait to 50N 160E to 30N 160E
North Atlantic Ocean between 31N and 67N latitude and between the East Coast North America and 35W longitude
Atlantic Ocean West of 35W longitude between 31N latitude and 7N latitude . This includes the Caribbean and the Gulf of Mexico
Central North Pacific Ocean between the Equator and 30N latitude and between 140W longitude and 160E longitude
Eastern North Pacific Ocean between the Equator and 30N latitude and east of 140W longitude
Central South Pacific Ocean between the Equator and 25S latitude and between 120W longitude and 160E longitude
Eastern South Pacific Ocean between Equator and 18.5S latitude and east of 120W longitude

6. Coastal and Offshore Marine Codes Listings for Emergency Alert System (EAS) and NOAA Weather Radio (NWR) Applications.

Numeric	Alpha	Abbreviated Name of Marine Area Full Name of Marine Area
57	PZ	EASTERN N. PACIFIC OCEAN Eastern North Pacific Ocean and along U.S. West Coast from Canadian border to Mexican border
58	PK	N. PACIFIC OCEAN NEAR ALASKA North Pacific Ocean near Alaska and along Alaska coastline including the Bering Sea and the Gulf of Alaska
59	PH	CENTRAL PACIFIC OCEAN Central Pacific Ocean including Hawaiian waters
61	PS	S. CENTRAL PACIFIC OCEAN South Central Pacific Ocean including American Samoa waters
65	PM	WESTERN PACIFIC OCEAN Western Pacific Ocean including Mariana Island waters
73	AN	NORTHWEST N. ATLANTIC OCEAN Western North Atlantic Ocean and along U.S. East Coast from Canadian border south to Currituck Beach Light NC
75	AM	WEST N. ATLANTIC OCEAN Western North Atlantic Ocean and along U.S. East Coast south of Currituck Beach Light NC following the coastline into Gulf of Mexico to Ocean Reef FL including the Caribbean

Numeric	Alpha	Abbreviated Name of Marine Area Full Name of Marine Area
77	GM	GULF OF MEXICO Gulf of Mexico and along the U.S. Gulf Coast from the Mexican border to Ocean Reef FL.
91	LS	LAKE SUPERIOR Lake Superior
92	LM	LAKE MICHIGAN Lake Michigan
93	LH	LAKE HURON Lake Huron
94	LC	LAKE ST. CLAIR Lake St. Clair
96	LE	LAKE ERIE Lake Erie
97	LO	LAKE ONTARIO Lake Ontario
98	SL	ST. LAWRENCE RIVER St. Lawrence River above St. Regis

Note: The above table can be accessed under the Code Listings for Special Applications section on the NWS' Advanced Weather Interactive Processing System (AWIPS) Map Database website found at the following URL: http://www.nws.noaa.gov/geodata/.

7. National Marine Sanctuary Inclusions.

OFFICE	INCLUSION
WFO Taunton/Boston	THE STELLWAGEN BANK NATIONAL MARINE SANCTUARY
WFO Morehead City/Newport	THE MONITOR NATIONAL MARINE SANCTUARY
WFO Charleston, SC	THE GRAYS REEF NATIONAL MARINE SANCTUARY
WFO Key West	THE FLORIDA KEYS NATIONAL MARINE SANCTUARY
NCEP/TPC	THE FLOWER GARDEN BANKS NATIONAL MARINE SANCTUARY
WFO Los Angeles	THE CHANNEL ISLANDS NATIONAL MARINE SANCTUARY
WFO San Fran. Bay Area at /Monterey	THE MONTEREY BAY/GULF OF THE FARALLONES/AND CORDELL BANK NATIONAL MARINE SANCTUARIES
WFO Seattle	THE OLYMPIC COAST NATIONAL MARINE SANCTUARY
WFO Honolulu	THE HAWAIIAN ISLANDS HUMPBACK WHALE NATIONAL MARINE SANCTUARY
WFO Honolulu	THE NORTHWESTERN HAWAIIAN ISLANDS MARINE NATIONAL MONUMENT
WSO Pago Pago	THE FAGATELE BAY NATIONAL MARINE SANCTUARY
WFO Gaylord	THE THUNDER BAY NATIONAL MARINE SANCTUARY

Note 1: Please refer to NWSI 10-310, 10-311, and 10-312 for guidance on inclusion of the National Marine Sanctuaries in marine forecast products.

Note 2: The National Marine Sanctuary boundaries are available for downloading to AWIPS from the NOAA1 server.