

**NATIONAL WEATHER SERVICE INSTRUCTION 10-302**

**AUGUST 9, 2012**

**Operations and Services**

**Marine And Coastal Weather Services, NWSPD 10-3**

**MARINE AND COASTAL SERVICES AREAS OF RESPONSIBILITY**

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

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**OPR:** W/OS21 (R. May)

**Certified by:** W/OS21 (M. Tew)

**Type of Issuance:** Emergency.

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**SUMMARY OF REVISIONS:** This directive supersedes NWSI 10-302 dated October 13, 2011. This directive was updated for:

1. NHC/Tropical Analysis and Forecast Branch changes in Offshore Marine Zones for Caribbean, Southwest North Atlantic, and Gulf of Mexico. For additional information, see SCN 11-40 posted at <http://www.nws.noaa.gov/om/notif.htm>.
2. WFO Wakefield changes for portions of Lower James, York, and Rappahannock Rivers in Southeastern Virginia. For additional information, see SCN 11-41 posted at <http://www.nws.noaa.gov/om/notif.htm>.

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Signed

July 26, 2012

David B. Caldwell

Date

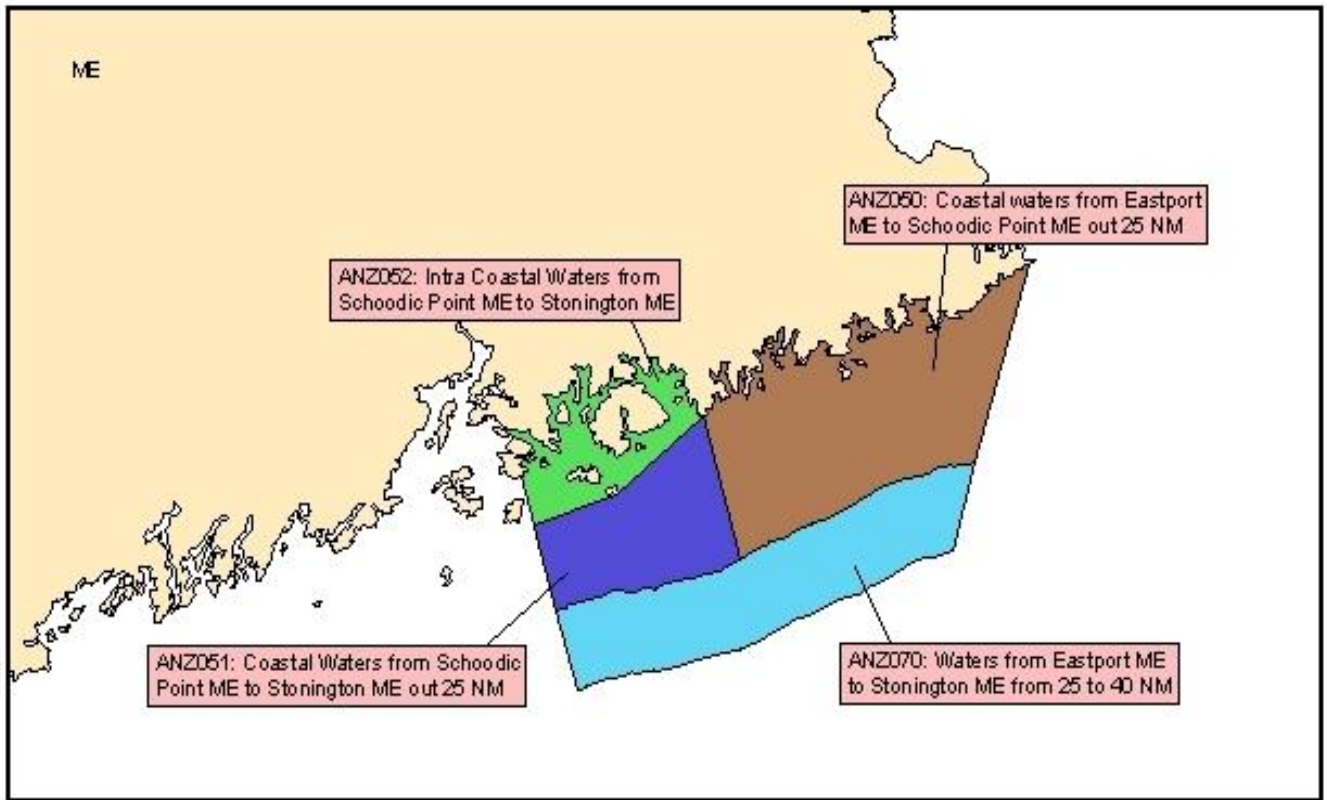
Director, Office of Climate,  
Water, and Weather Services

**MARINE AND COASTAL SERVICES AREAS OF RESPONSIBILITY**

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1. Coastal Waters Forecast Areas of Responsibility.

MARINE ZONES FOR WFO CARIBOU, ME



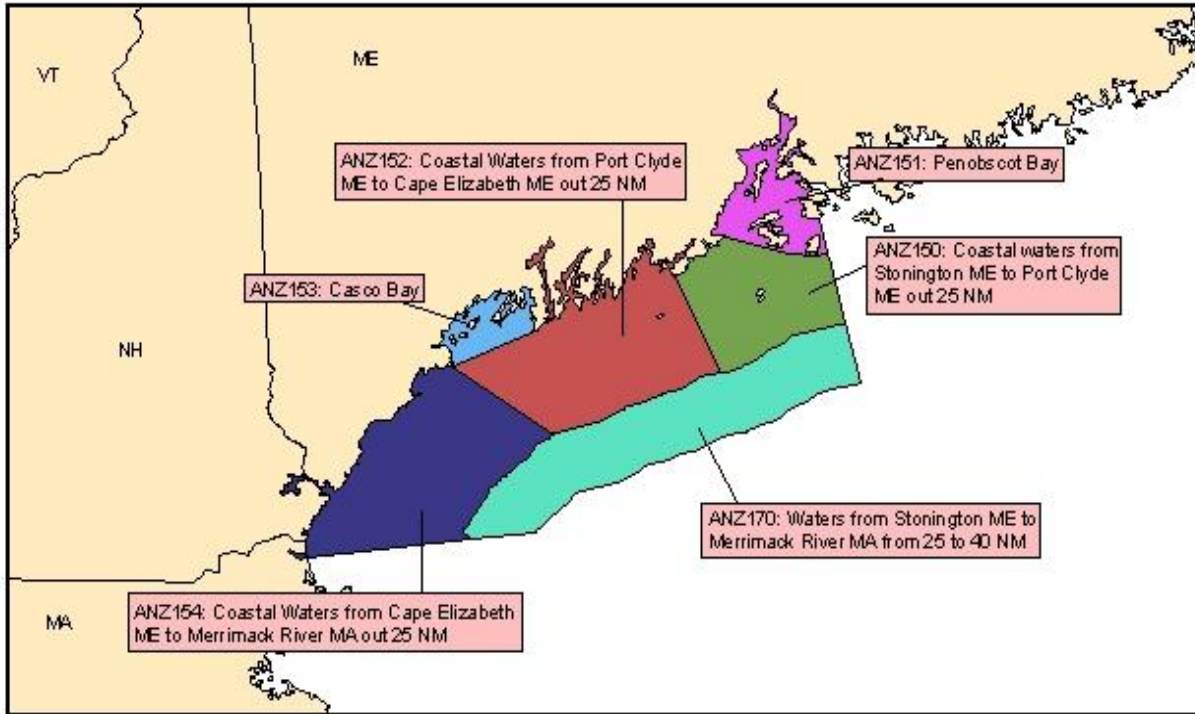
CARIBOU, ME (CAR)

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)

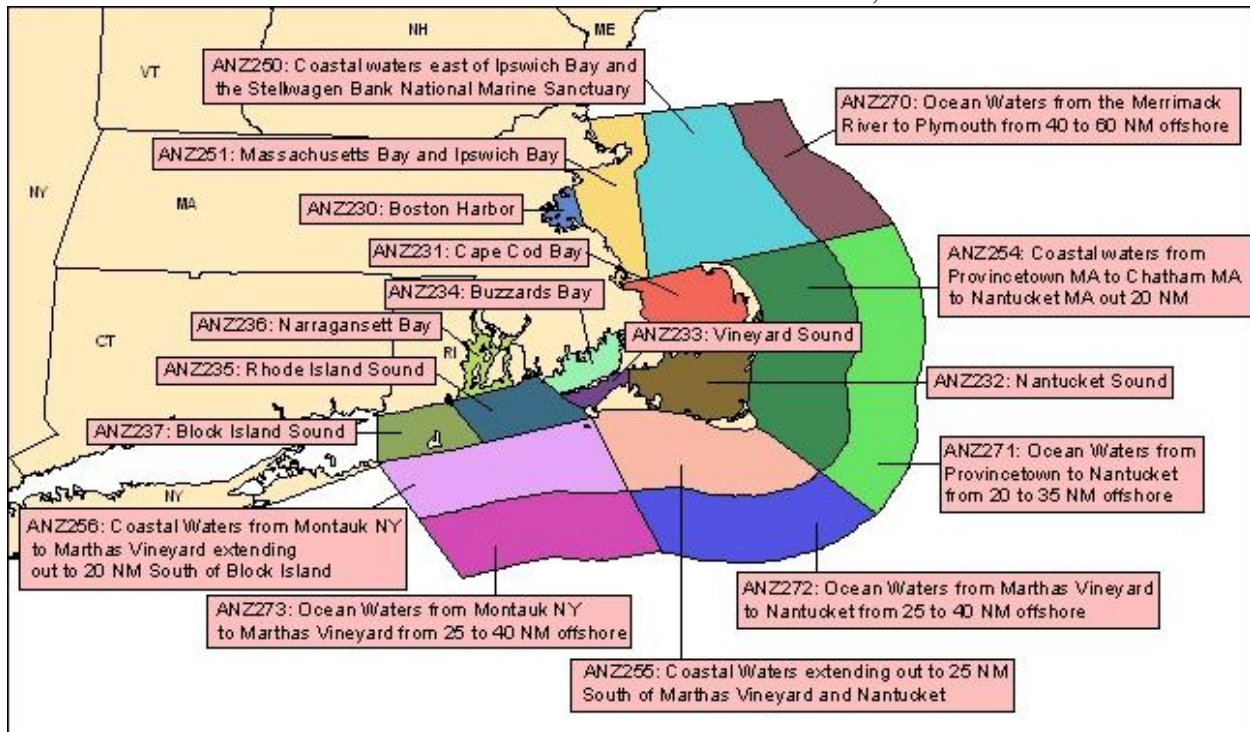
AREA OF RESPONSIBILITY BOUNDARIES

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



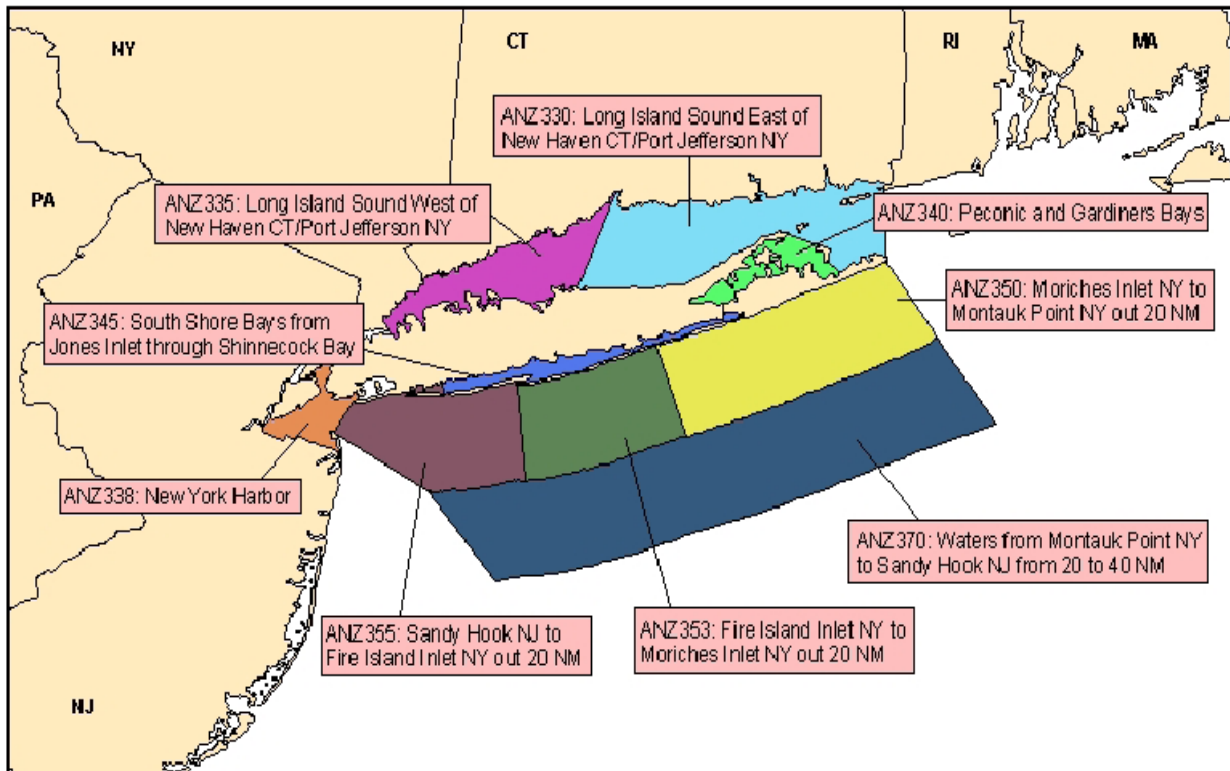
TAUNTON, MA (BOX)

AREA OF RESPONSIBILITY BOUNDARIES

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



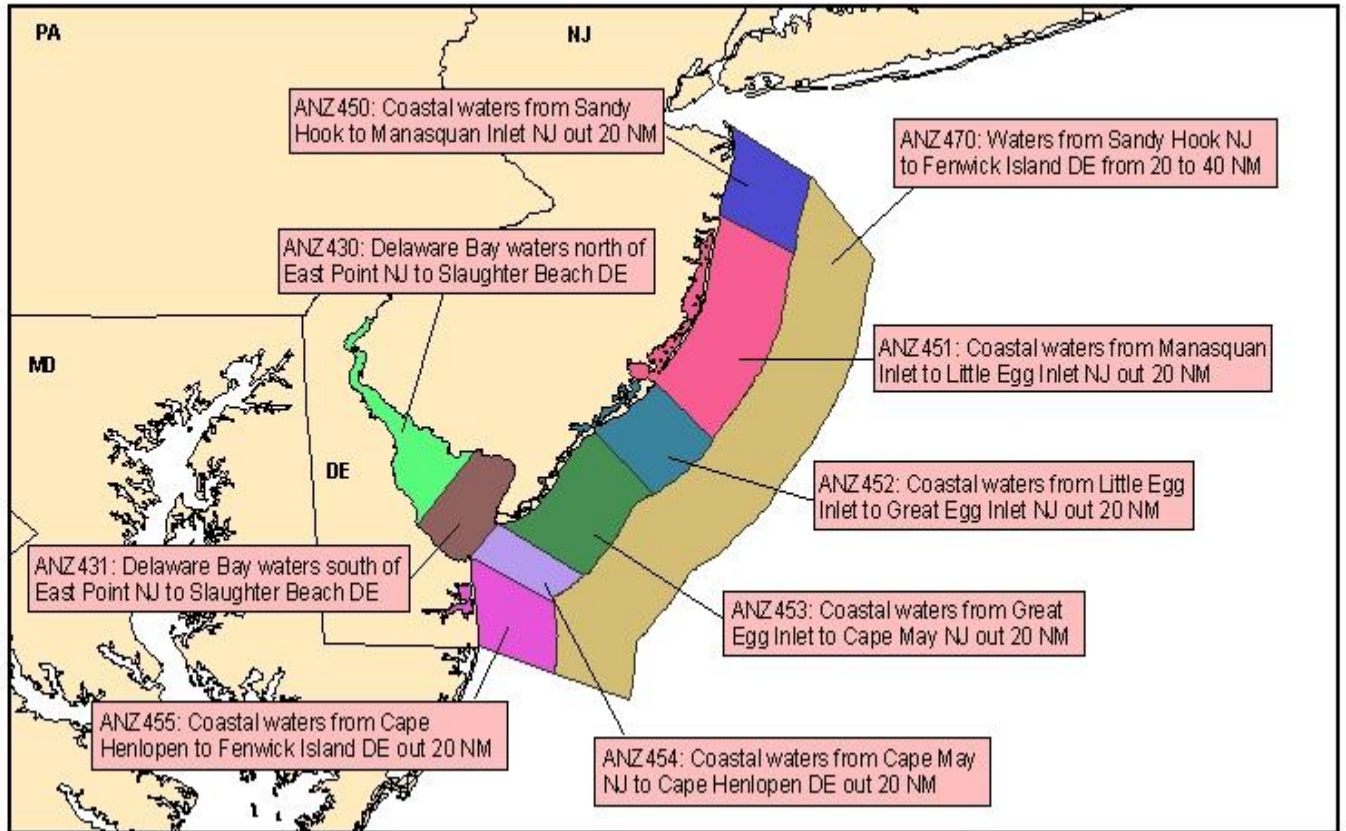
UPTON, NY (OKX)

AREA OF RESPONSIBILITY BOUNDARIES

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



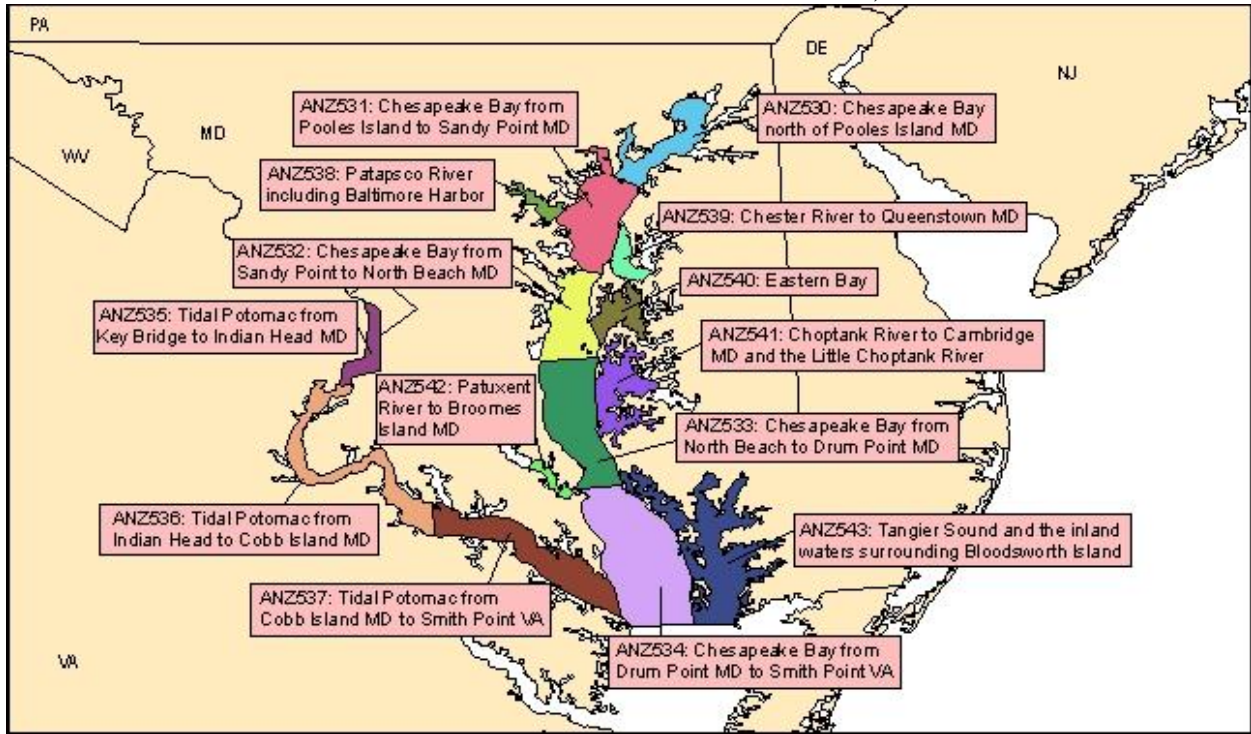
MT. HOLLY, NJ (PHI)

AREA OF RESPONSIBILITY BOUNDARIES

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)

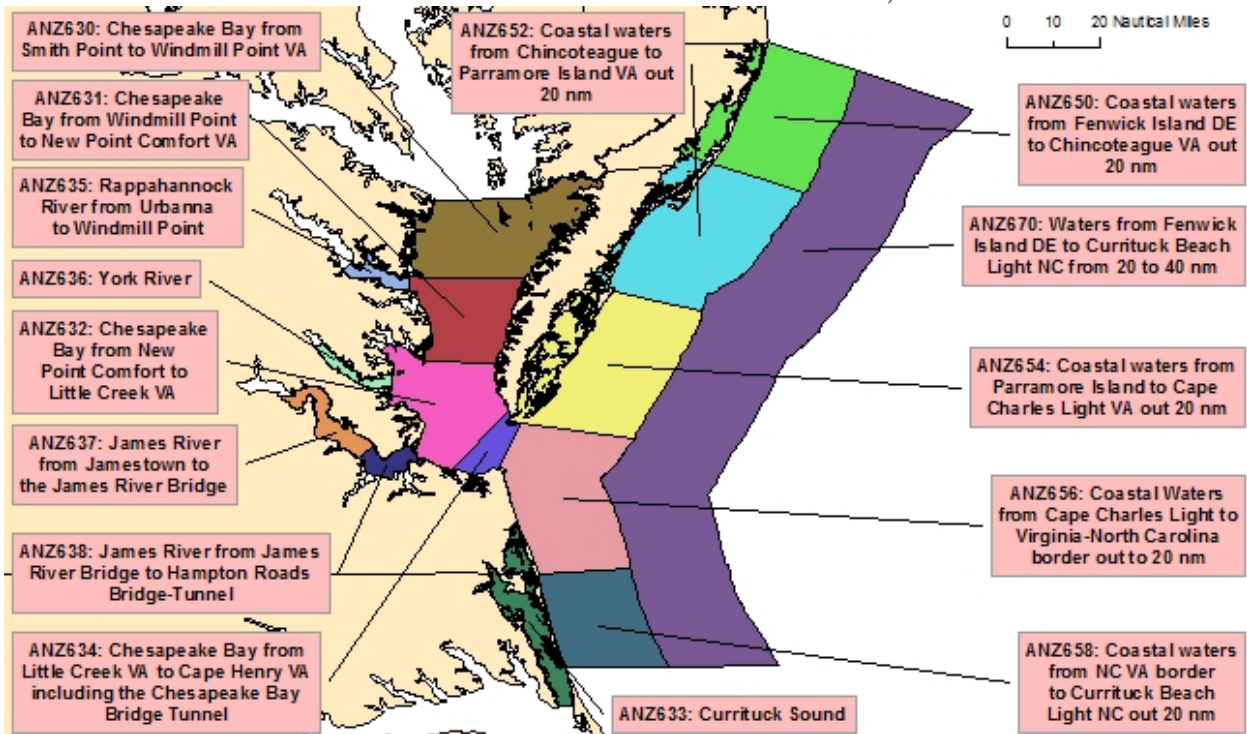
AREA OF RESPONSIBILITY BOUNDARIES

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



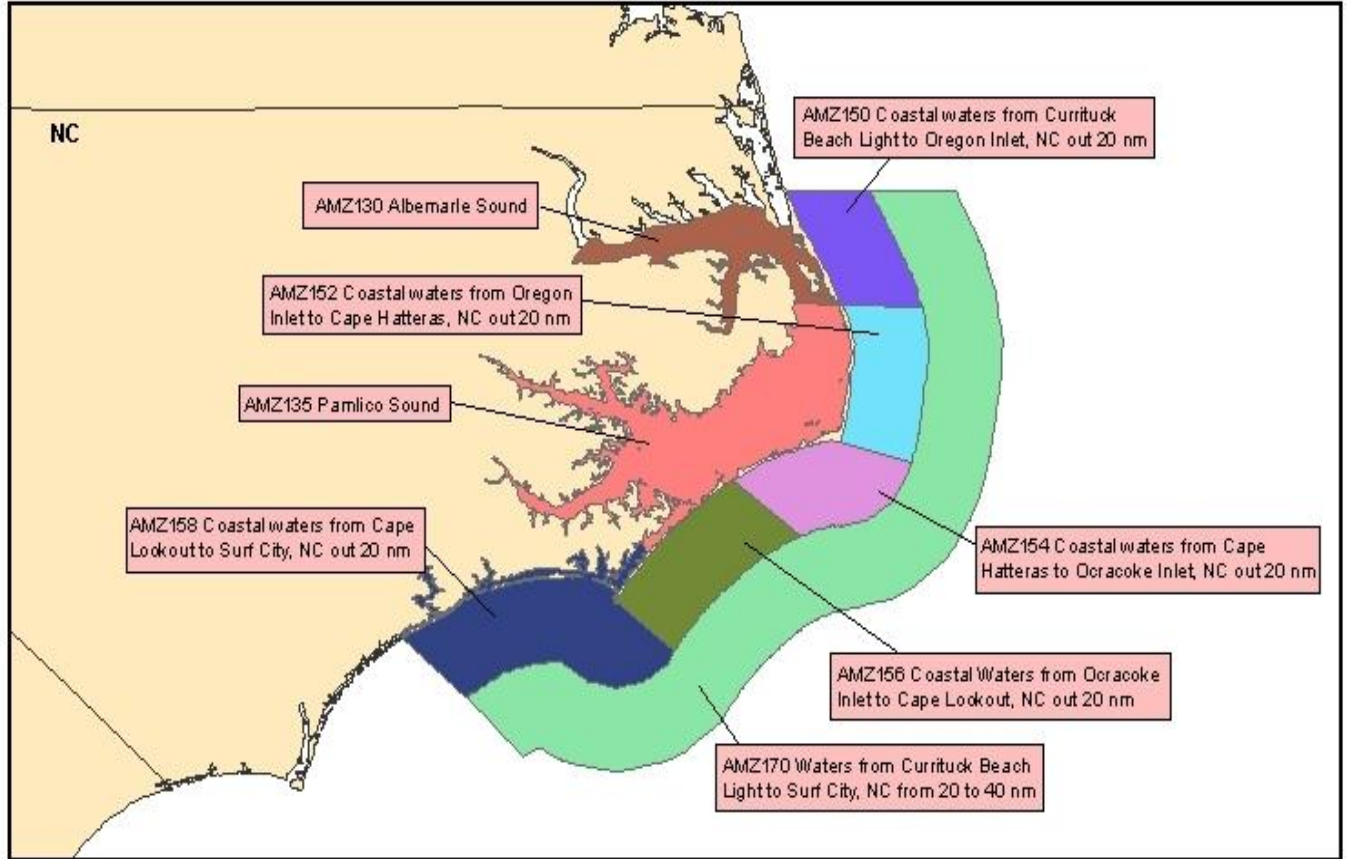
WAKEFIELD, VA (AKQ)

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 Little Creek VA
  - ANZ634 Chesapeake Bay from Little Creek VA to Cape Henry VA including the Chesapeake Bay Bridge Tunnel
  - ANZ635 Rappahannock River from Urbanna to Windmill Point
  - ANZ636 York River
  - ANZ637 James River from Jamestown to the James River Bridge
  - ANZ638 James River from the James River Bridge to Hampton Roads Bridge-Tunnel
  - 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



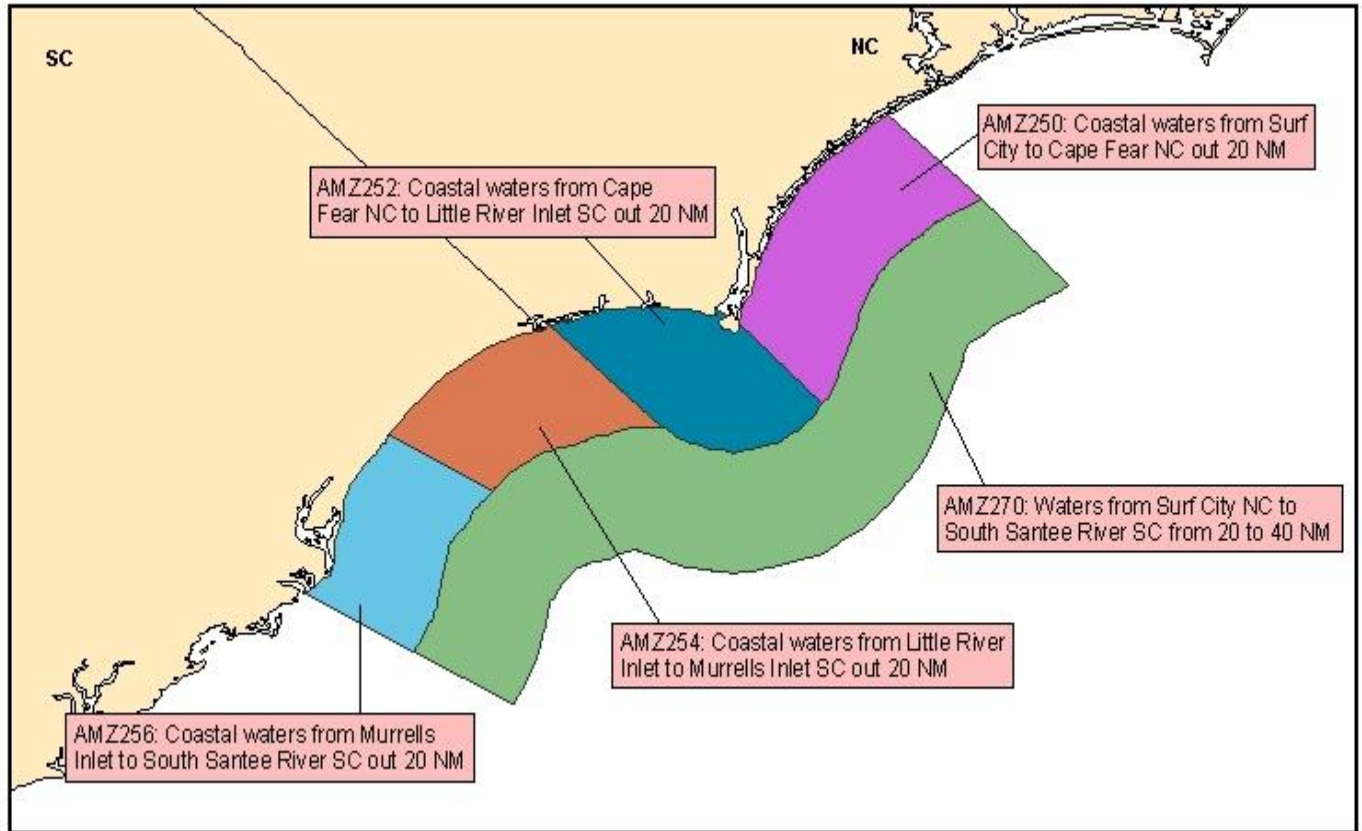
MOREHEAD CITY, NC (MHX)

AREA OF RESPONSIBILITY BOUNDARIES

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 Ocracoke Inlet NC out 20 NM
  - AMZ156 Coastal waters from Ocracoke 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)

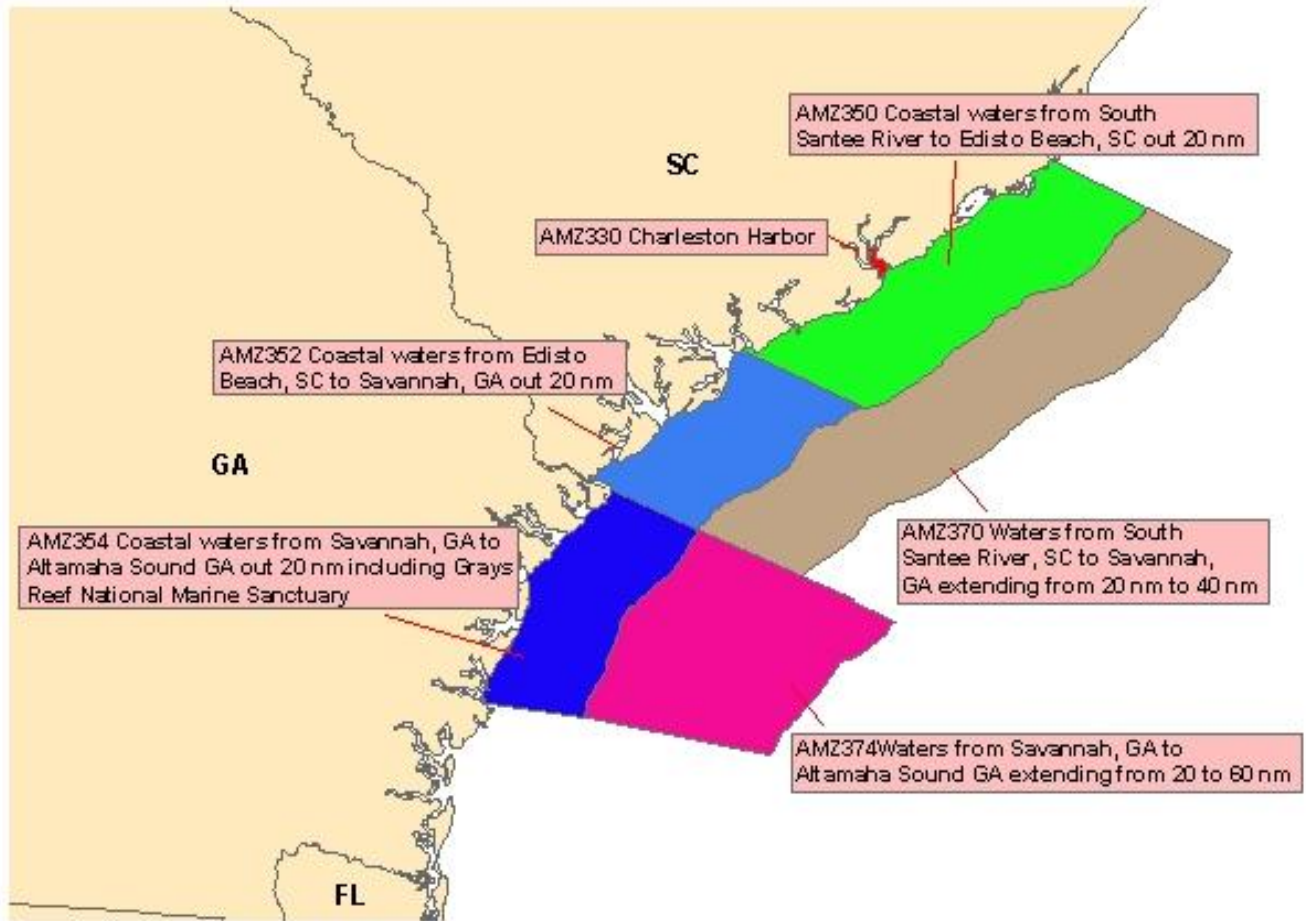
AREA OF RESPONSIBILITY BOUNDARIES

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)

AREA OF RESPONSIBILITY BOUNDARIES

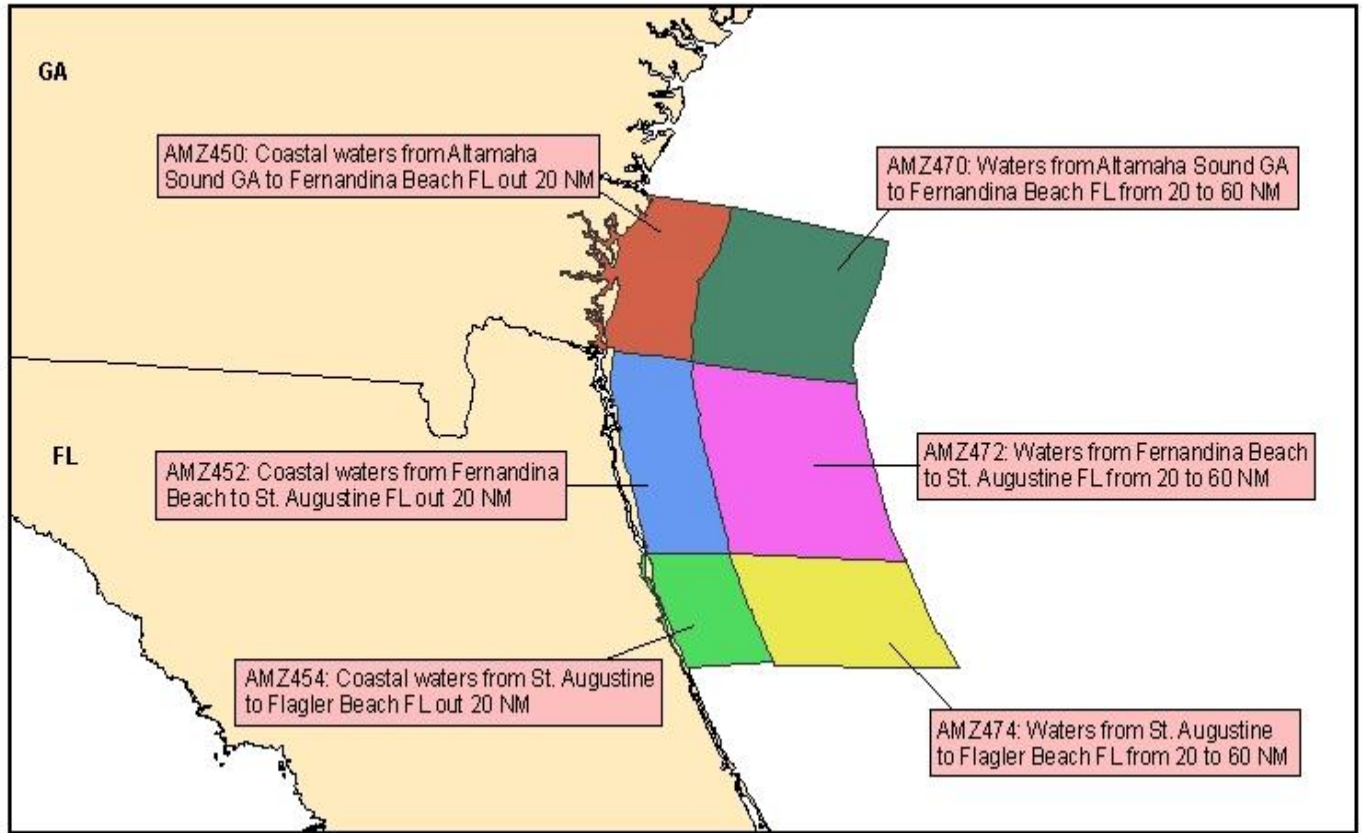
Georgetown-Charleston, SC, county line to SC-GA border, out 20 NM, including Charleston Harbor. (40 NM for Special Marine Warnings)

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



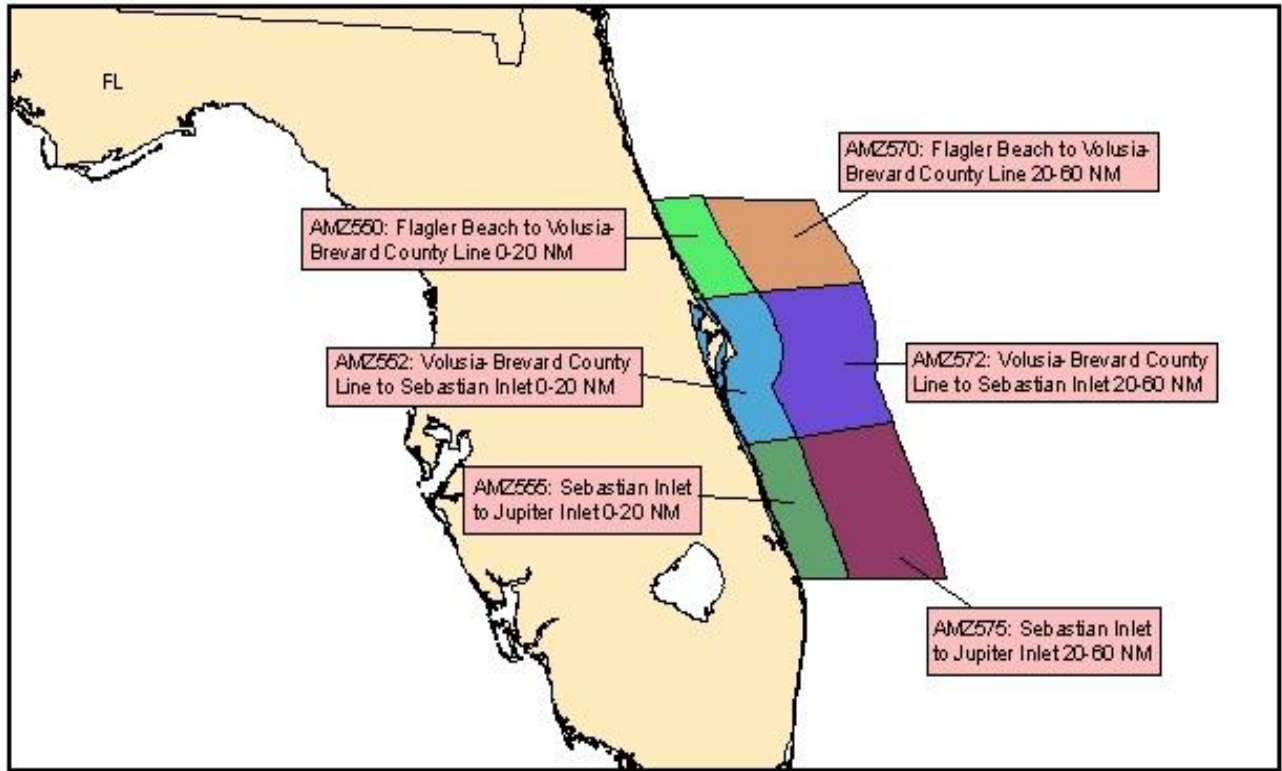
JACKSONVILLE, FL (JAX)

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



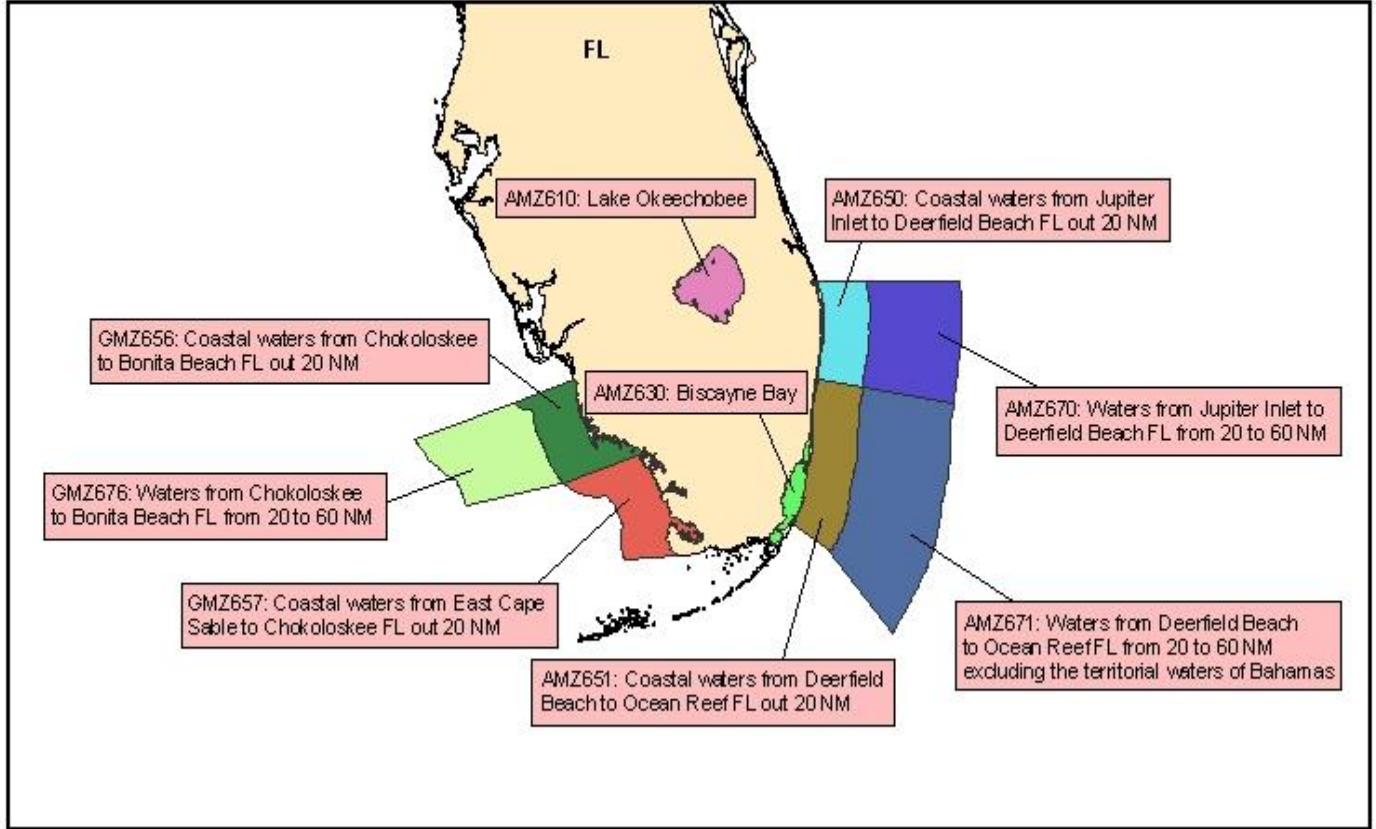
MELBOURNE, FL (MLB)

AREA OF RESPONSIBILITY BOUNDARIES

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



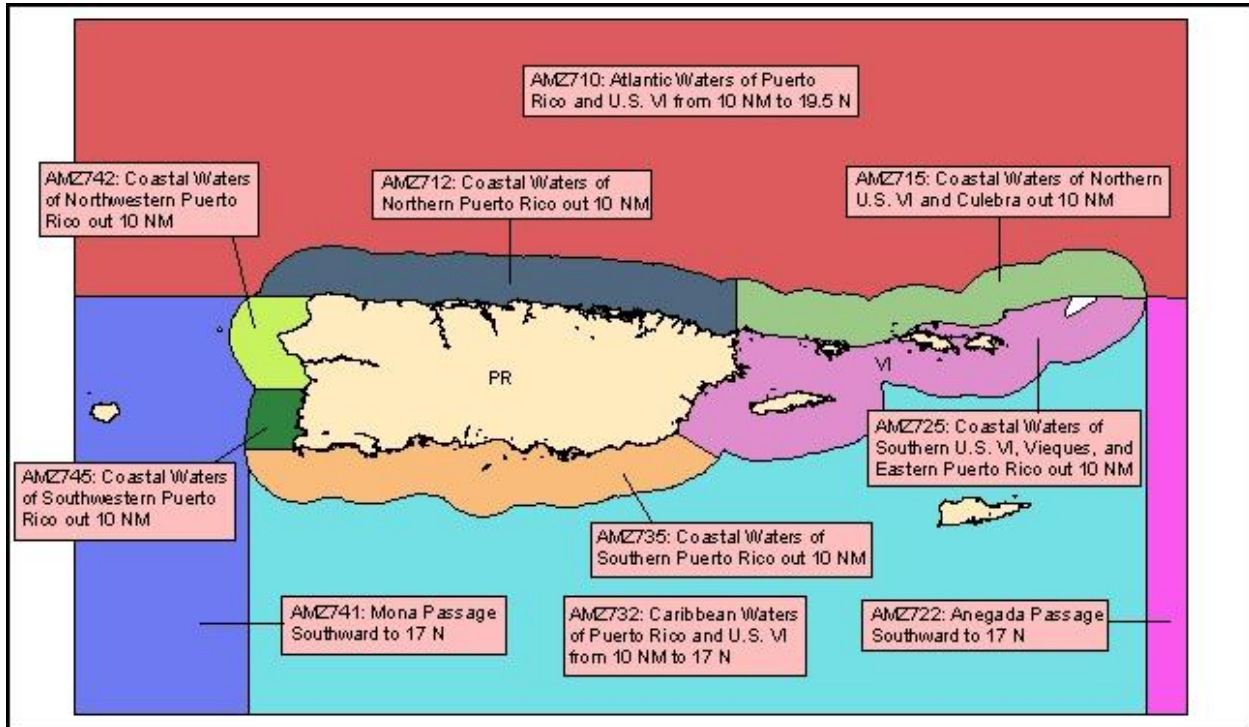
MIAMI, FL (MFL)

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)

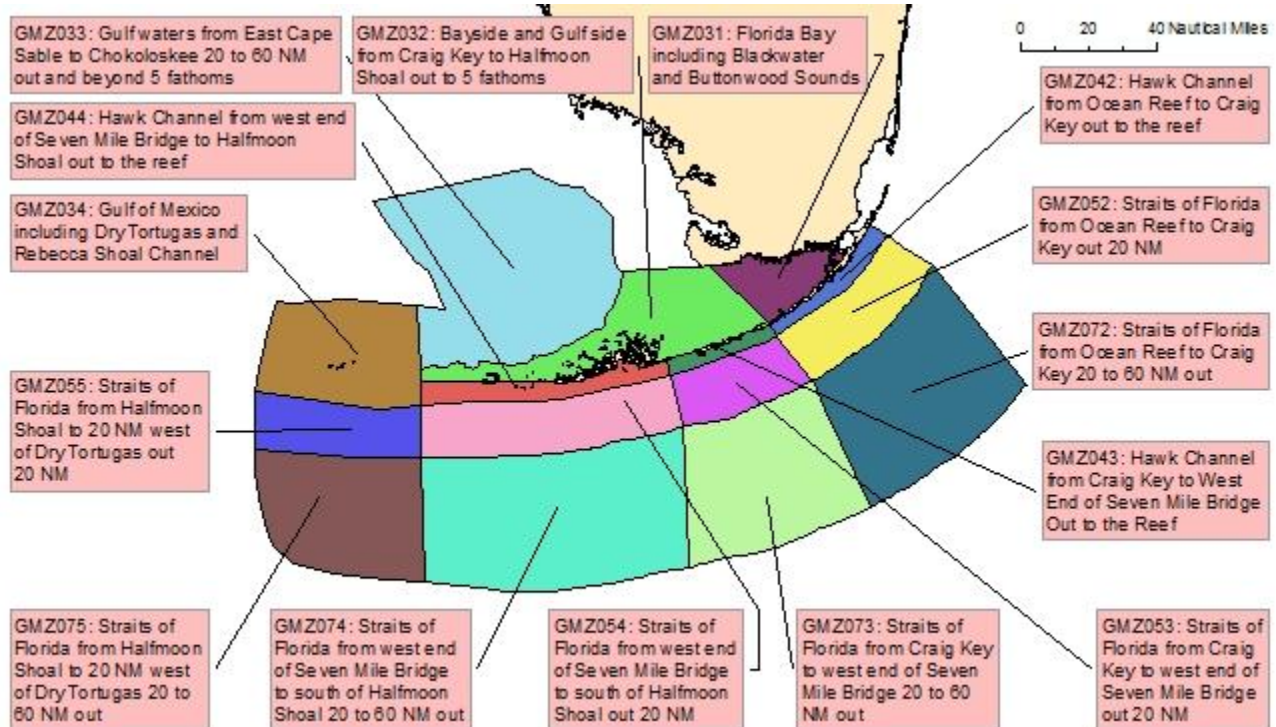
AREA OF RESPONSIBILITY BOUNDARIES

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)

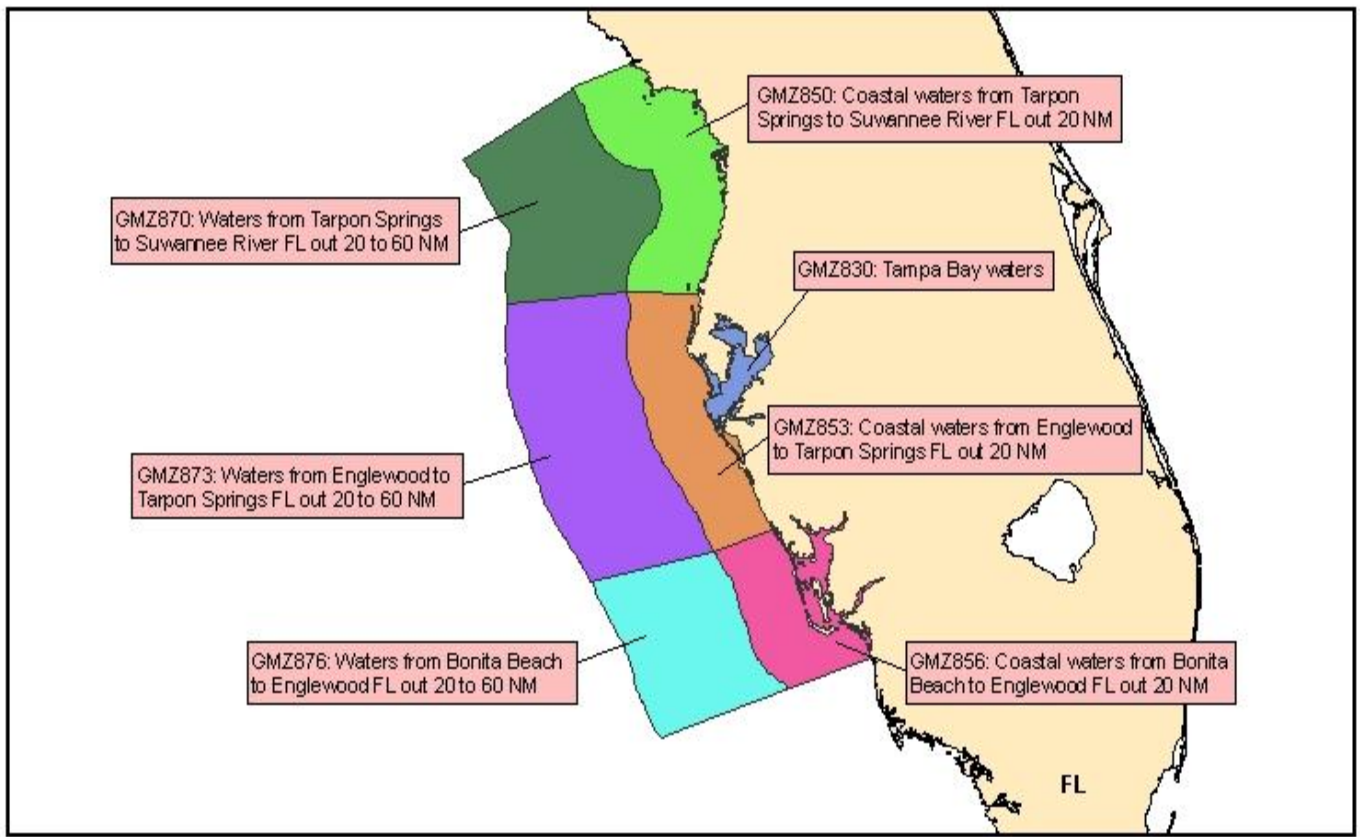
AREA OF RESPONSIBILITY BOUNDARIES

Florida Bay and the Keys

Includes the Florida Keys National Marine Sanctuary

- GMZ005 Synopsis for Keys Coastal Waters from Ocean Reef to Dry Tortugas
- GMZ031 Florida Bay including Blackwater and Buttonwood Sounds
- GMZ032 Bayside and Gulfside from Craig Key to Halfmoon Shoal out to 5 fathoms
- GMZ033 Gulf waters from East Cape Sable to Chokoloskee 20 to 60 nm out and beyond 5 fathoms
- GMZ034 Gulf of Mexico including Dry Tortugas and Rebecca Shoal Channel
- GMZ042 Hawk Channel from Ocean Reef to Craig Key out to the reef
- GMZ043 Hawk Channel from Craig Key to west end of Seven Mile Bridge out to the reef
- GMZ044 Hawk Channel from west end of Seven Mile Bridge to Halfmoon Shoal out to the reef
- GMZ052 Straits of Florida from Ocean Reef to Craig Key out 20 nm
- GMZ053 Straits of Florida from Craig Key to west end of Seven Mile Bridge out 20 nm
- GMZ054 Straits of Florida from west end of Seven Mile Bridge to south of Halfmoon Shoal out 20 nm
- GMZ055 Straits of Florida from Halfmoon Shoal to 20 nm west of Dry Tortugas out 20 nm
- GMZ072 Straits of Florida from Ocean Reef to Craig Key 20 to 60 nm out
- GMZ073 Straits of Florida from Craig Key to west end of Seven Mile Bridge 20 to 60 nm out
- GMZ074 Straits of Florida from west end of Seven Mile Bridge to south of Halfmoon Shoal 20 to 60 nm out
- GMZ075 Straits of Florida from Halfmoon Shoal to 20 nm west of Dry Tortugas 20 to 60 nm out

MARINE ZONES FOR WFO TAMPA, FL



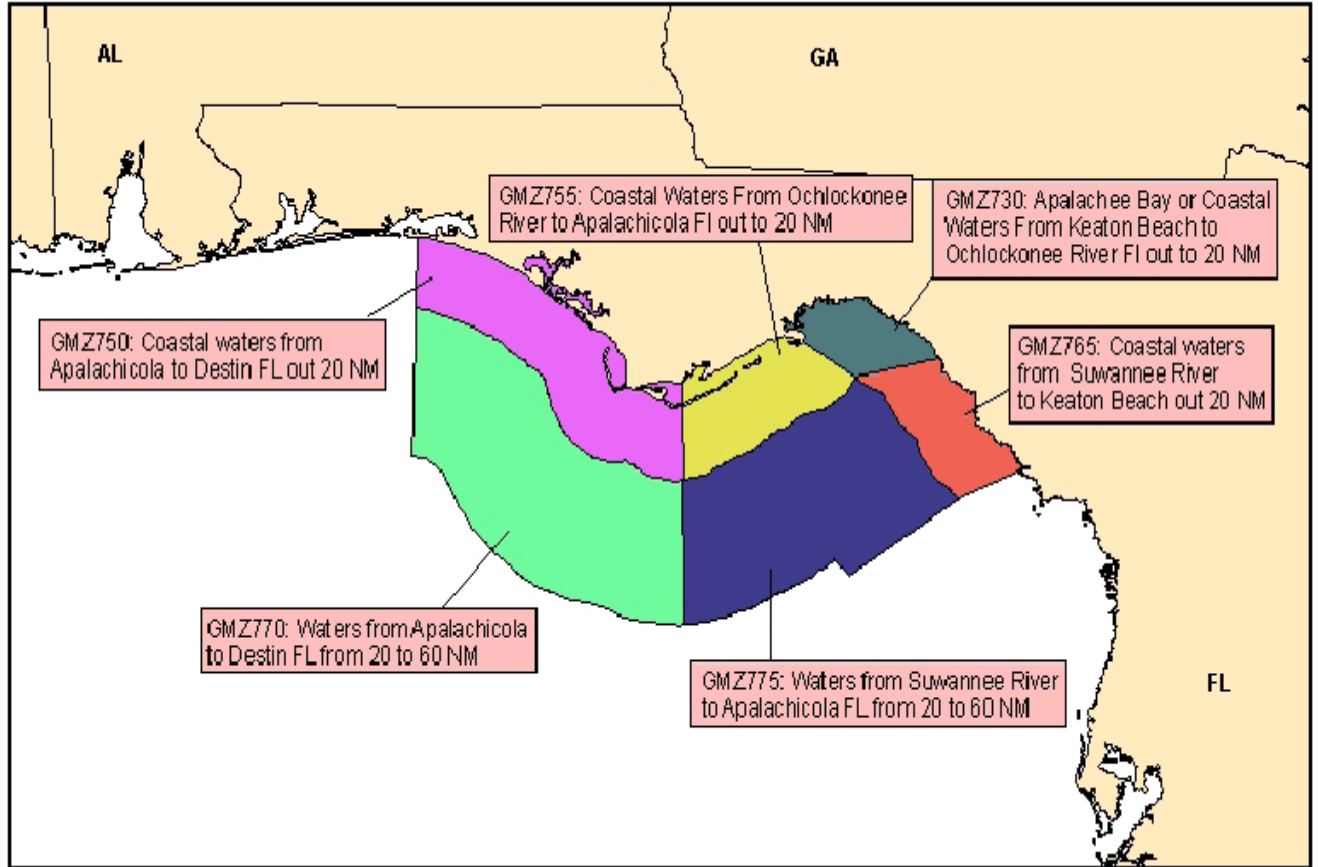
TAMPA, FL (TBW)

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



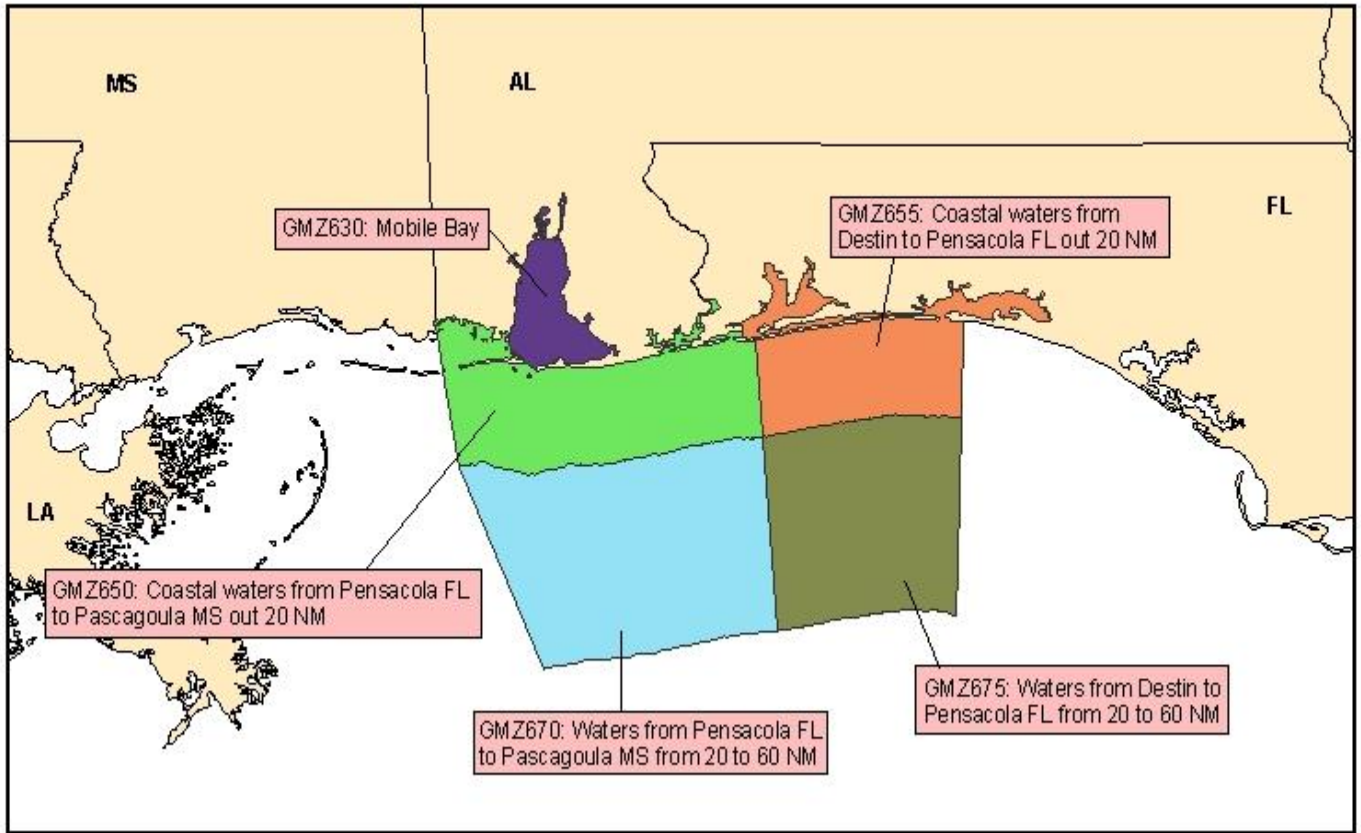
TALLAHASSEE, FL (TAE)

AREA OF RESPONSIBILITY BOUNDARIES

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 Suwannee 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



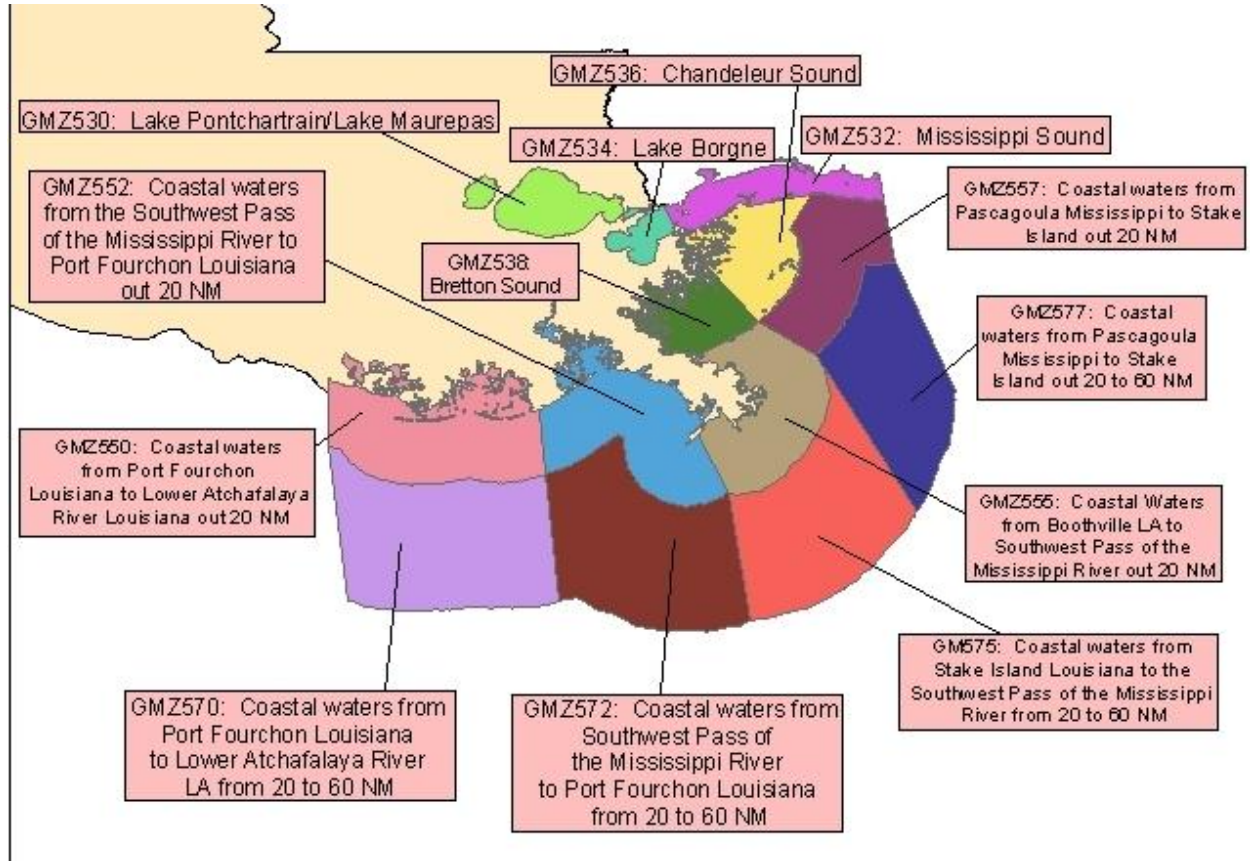
MOBILE, AL (MOB)

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

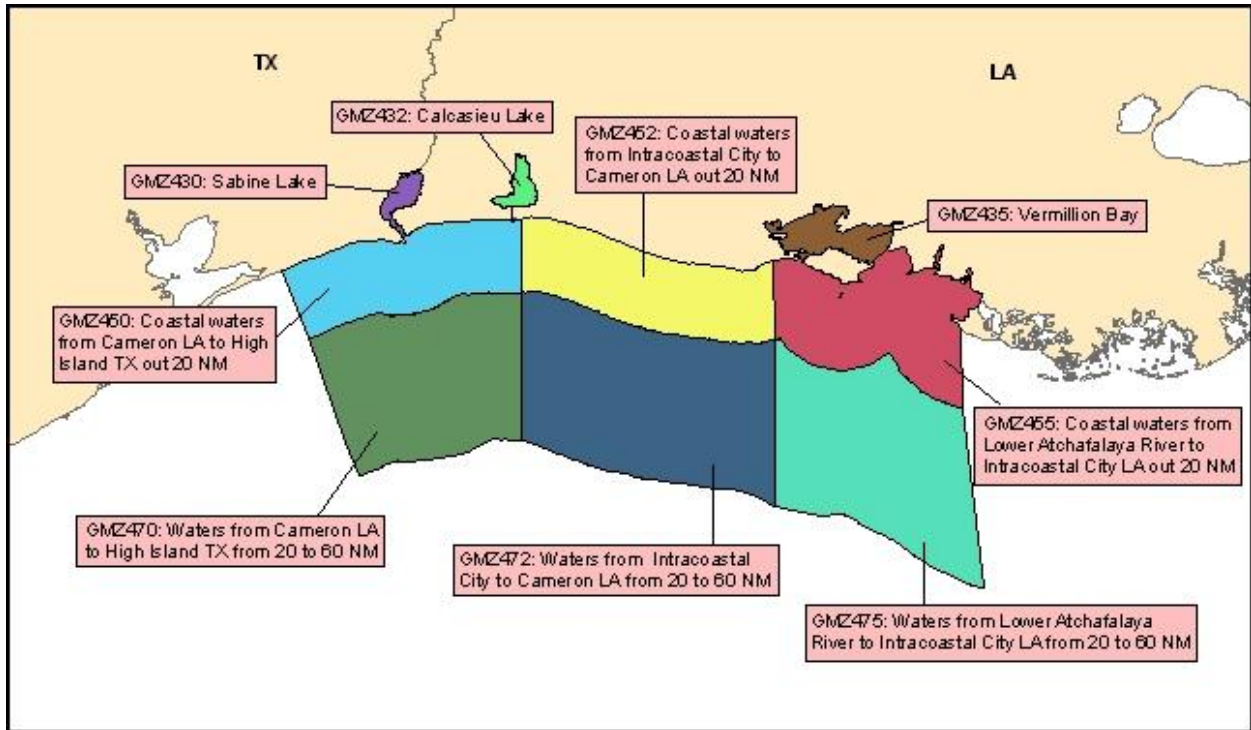
Alabama-Mississippi state line to Terrebone-St. Mary parish line, out 60 NM

- GMZ500 Synopsis Pascagoula to SW Pass Mississippi River
- GMZ530 Lake Pontchartrain and Lake Maurepas
- GMZ532 Mississippi Sound
- GMZ534 Lake Borgne
- GMZ536 Chandeleur Sound
- GMZ538 Breton Sound
- GMZ555 Coastal waters from Boothville LA to Southwest Pass of the Mississippi River out 20 NM
- GMZ575 Coastal waters from Stake Island LA to the Southwest Pass of the Mississippi River from 20 to 60 NM
- GMZ557 Coastal waters from Pascagoula Mississippi to Stake Island LA out 20 NM
- GMZ577 Coastal waters from Pascagoula Mississippi to Stake Island LA from 20 to 60 NM
- GMZ501 Synopsis for SW Pass of the Mississippi River to Atchafalaya River
- GMZ550 Coastal waters from Port Fourchon LA to Lower Atchafalaya River LA out 20 NM
- GMZ570 Coastal waters from Port Fourchon LA to Lower Atchafalaya River LA from 20 to 60 NM

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- GMZ552 Coastal waters from the Southwest Pass of the Mississippi River to Port Fourchon LA  
out 20 NM
- GMZ572 Coastal waters from the Southwest Pass of the Mississippi River to Port Fourchon LA  
from 20 to 60 NM

MARINE ZONES FOR WFO LAKE CHARLES, LA



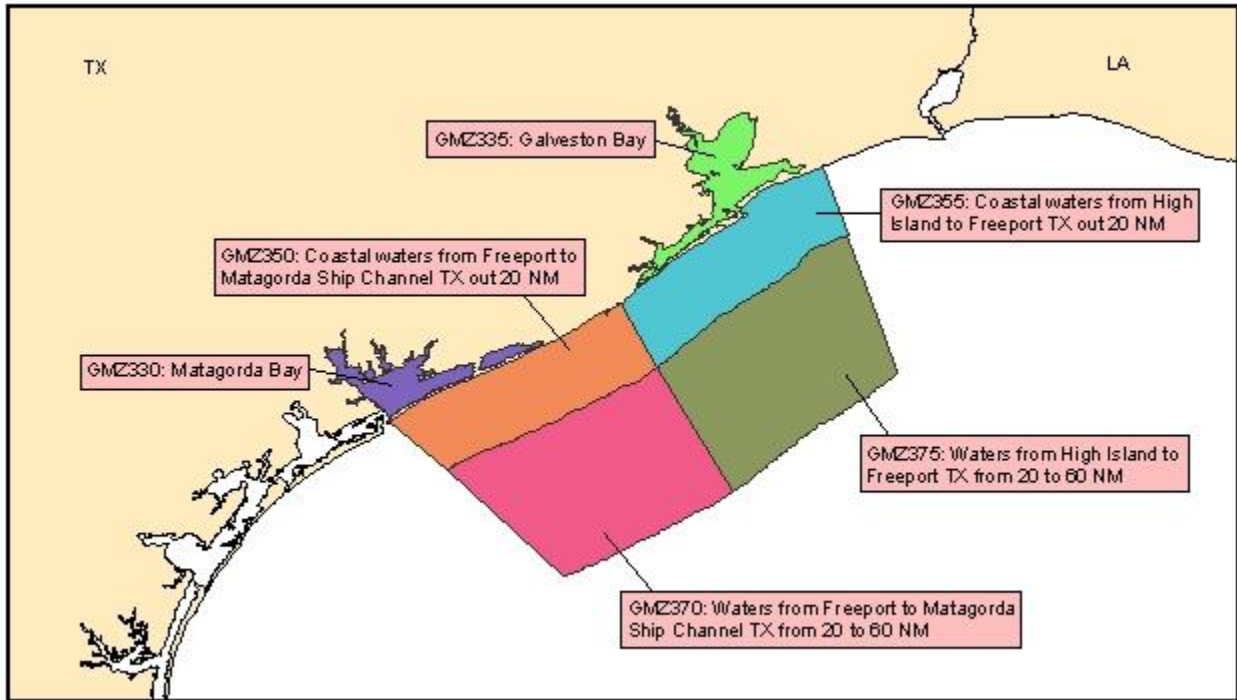
LAKE CHARLES, LA (LCH)

AREA OF RESPONSIBILITY BOUNDARIES

Terrebonne-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)

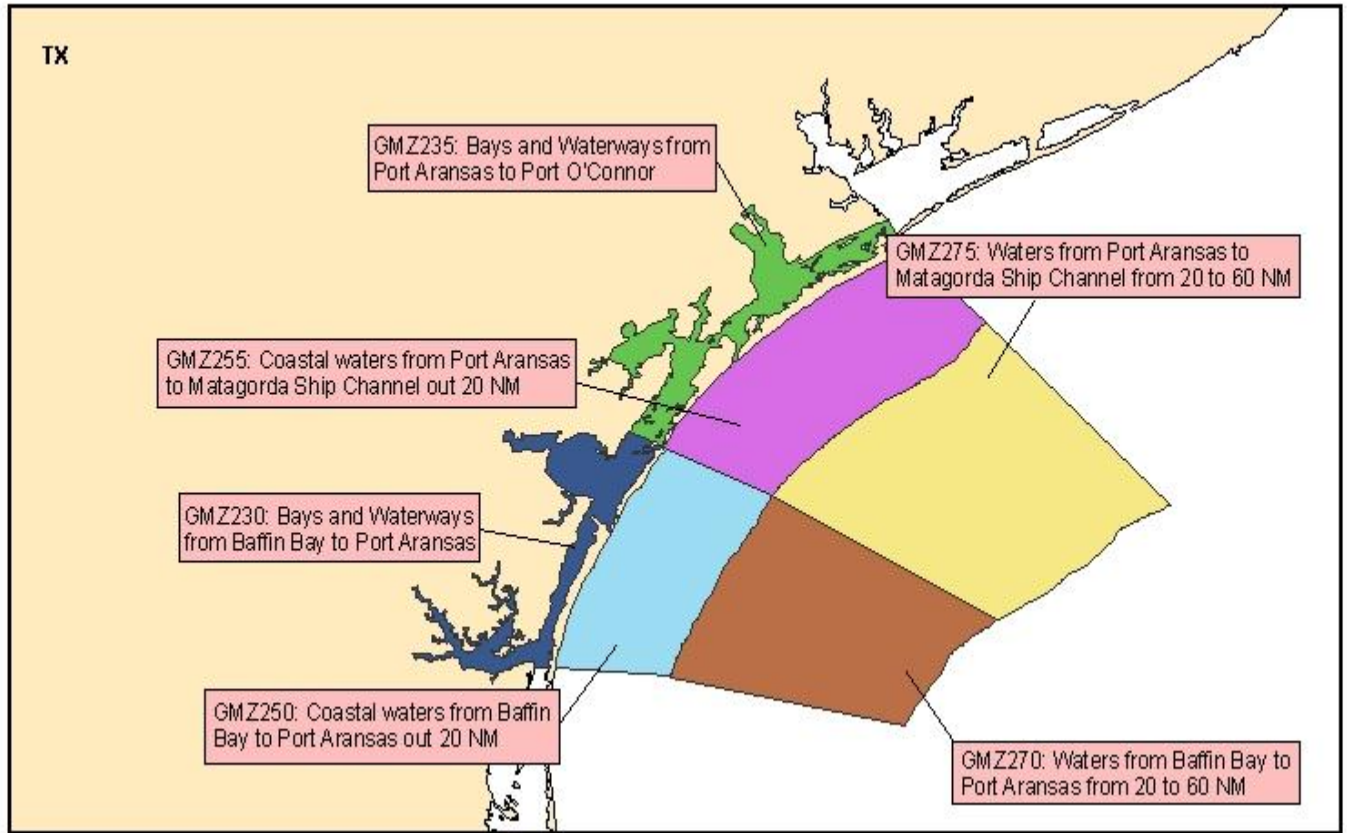
AREA OF RESPONSIBILITY BOUNDARIES

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



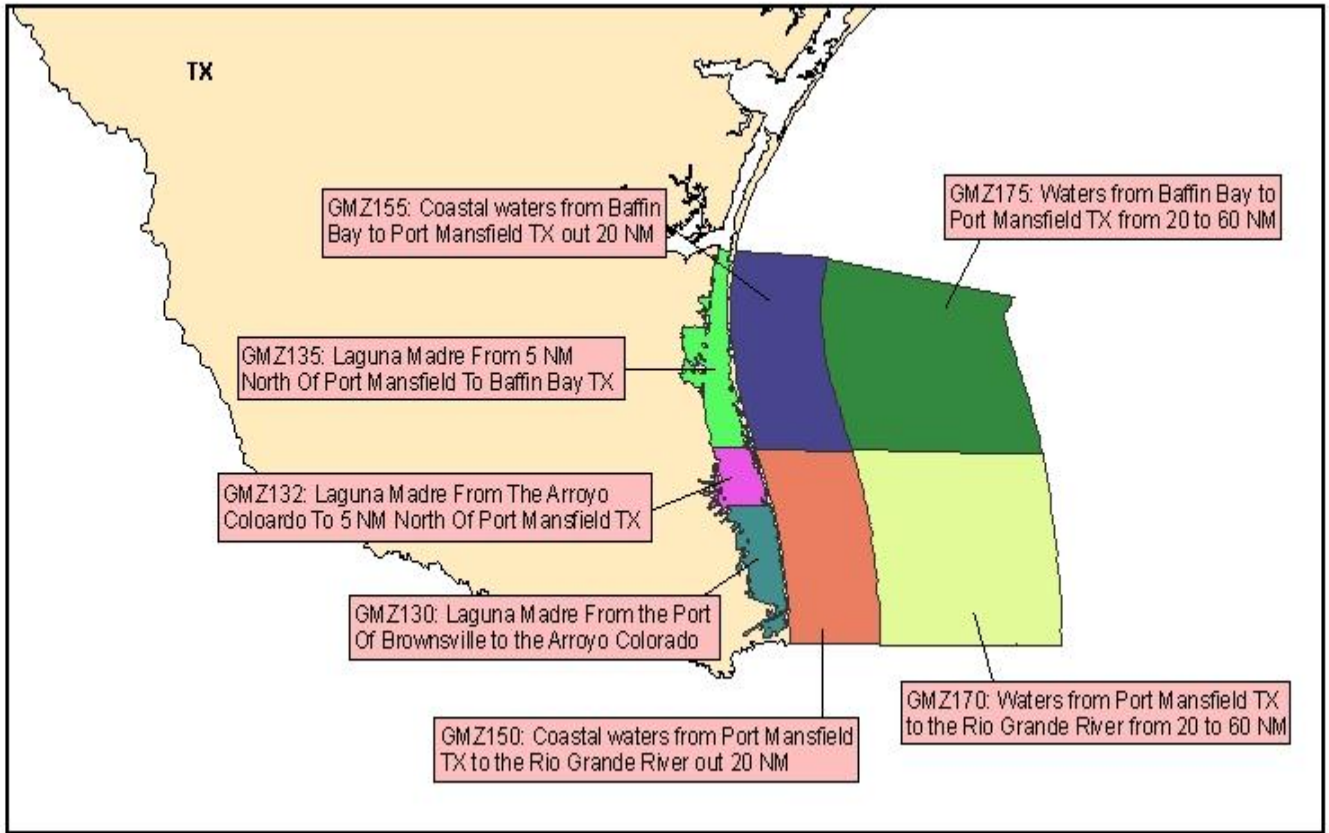
CORPUS CHRISTI, TX (CRP)

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



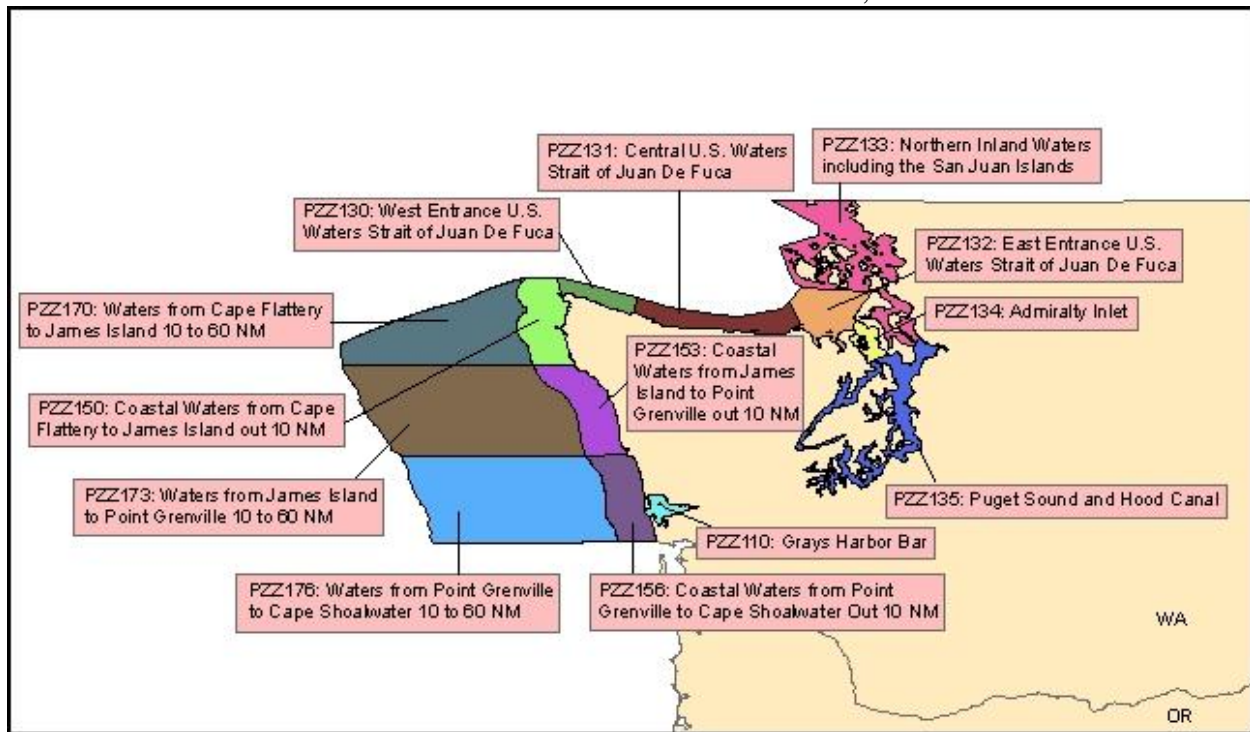
BROWNSVILLE, TX (BRO)

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



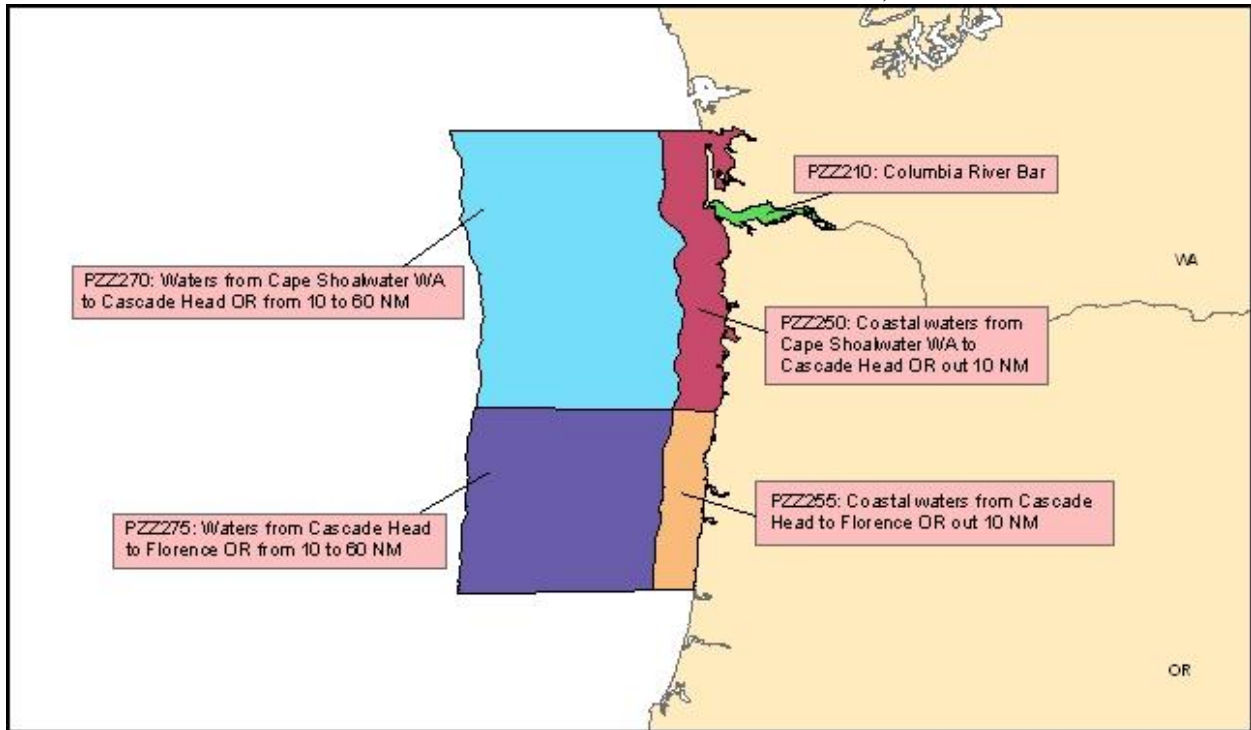
SEATTLE, WA (SEW)

AREA OF RESPONSIBILITY BOUNDARIES

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



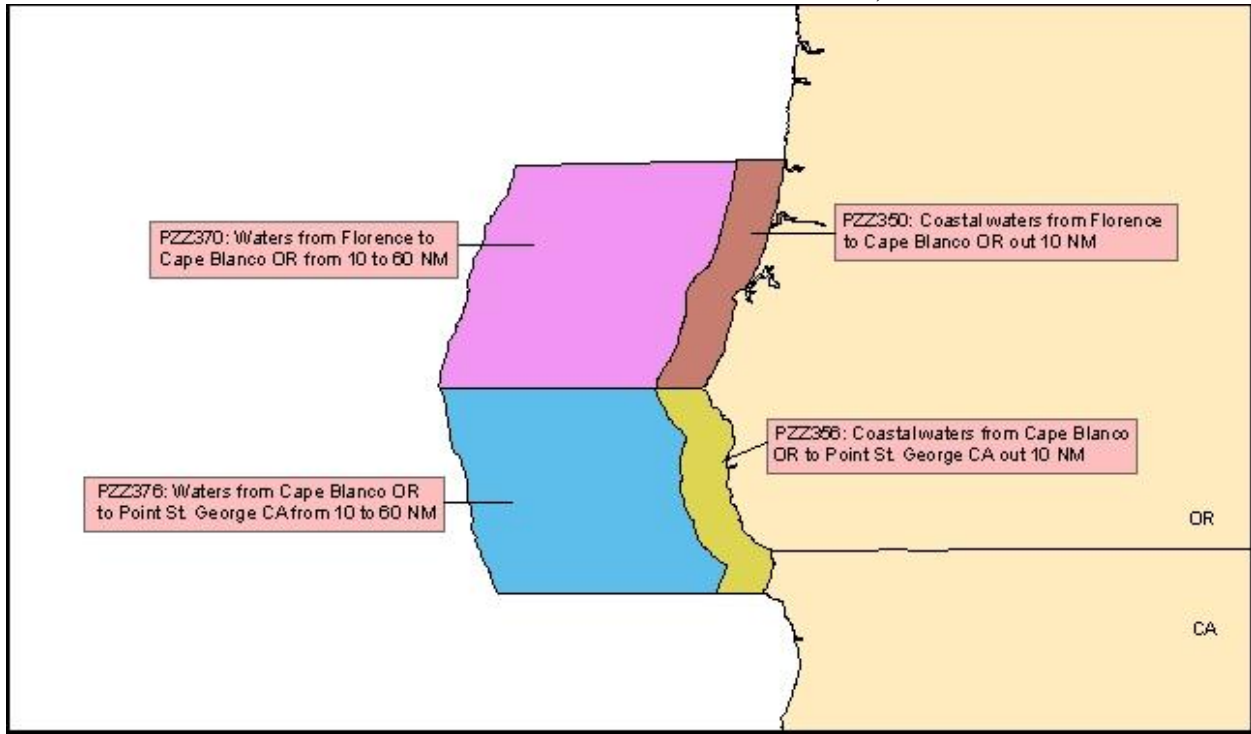
PORTLAND, OR (PQR)

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



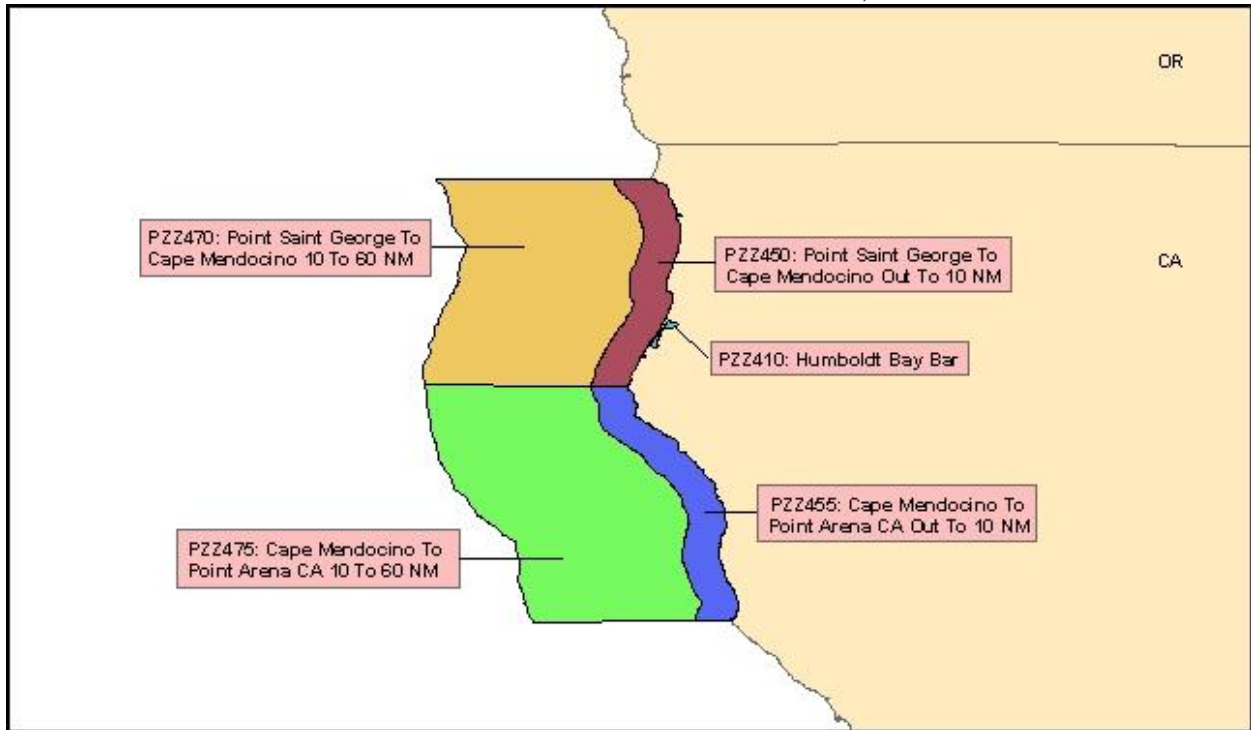
MEDFORD, OR (MFR)

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



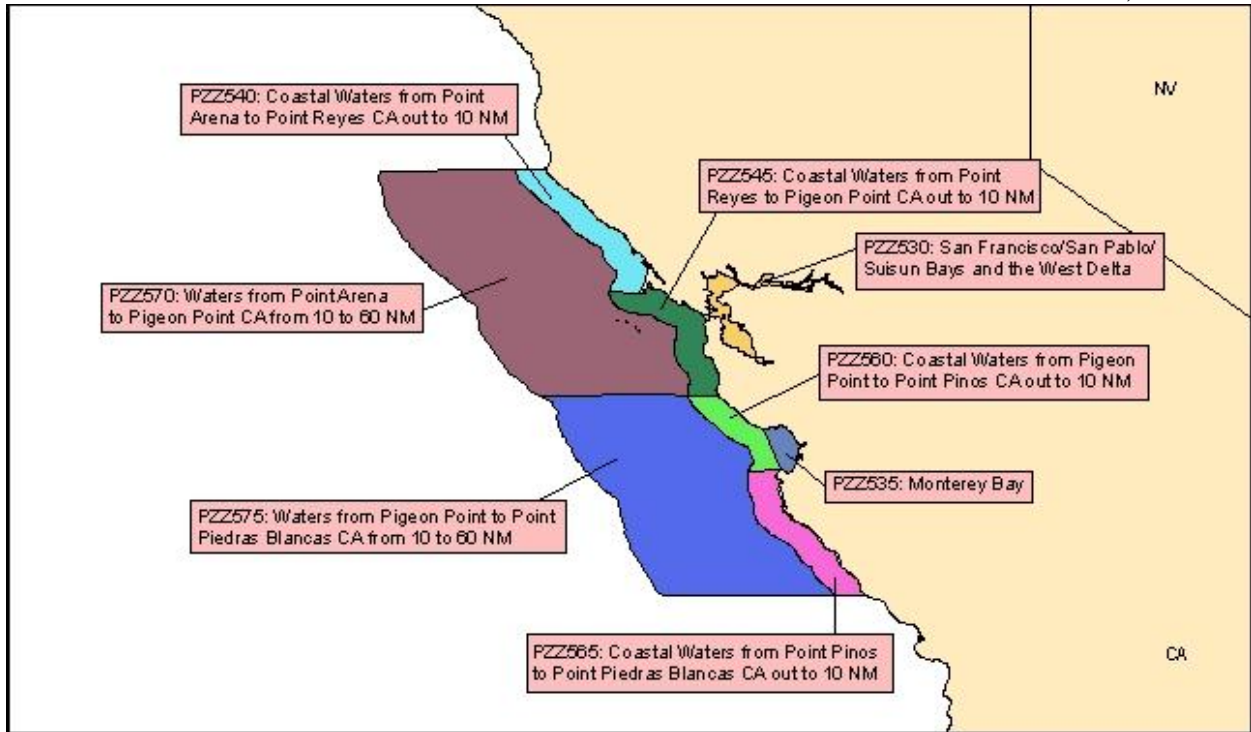
EUREKA, CA (EKA)

AREA OF RESPONSIBILITY BOUNDARIES

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



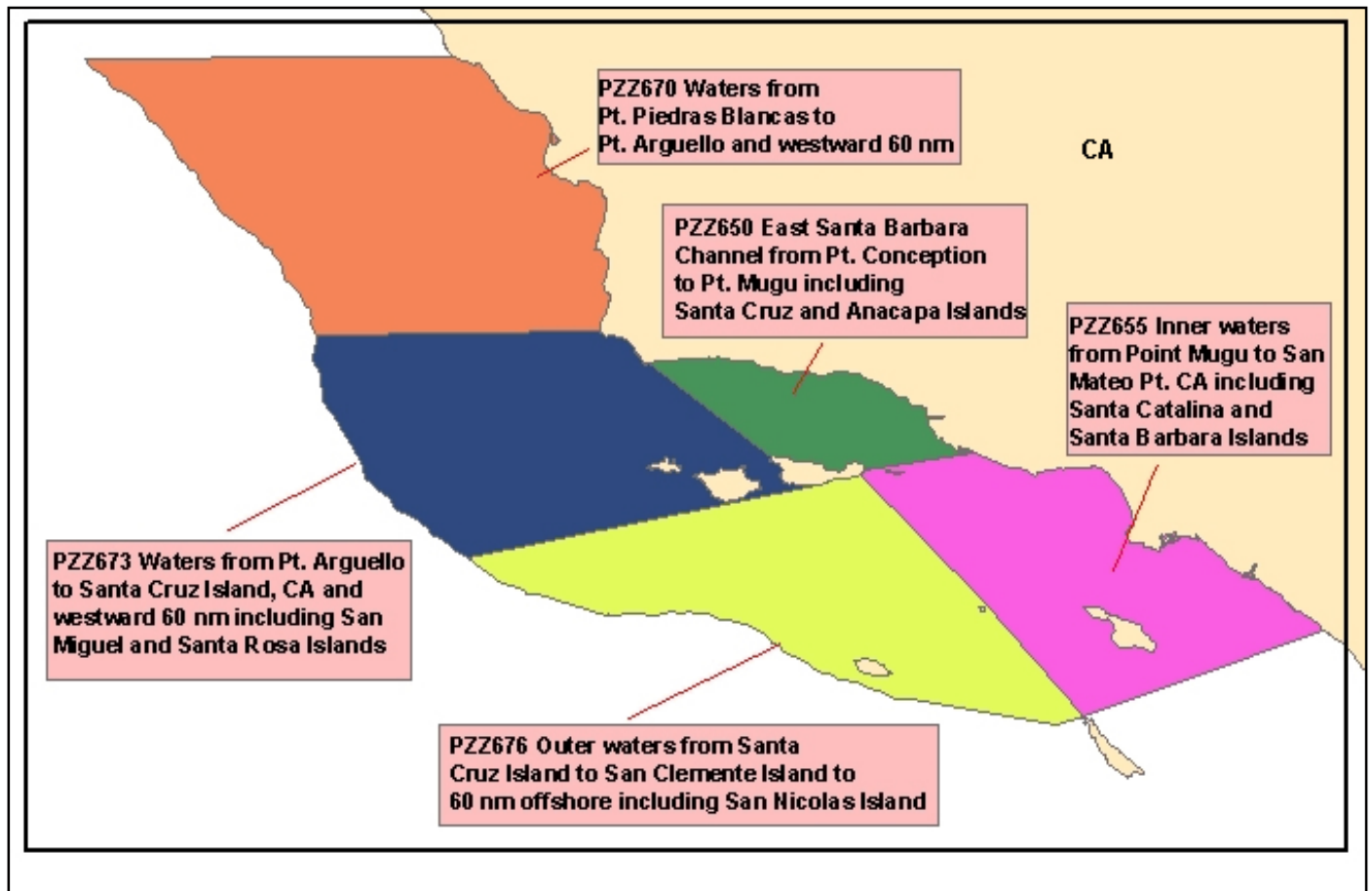
SAN FRANCISCO BAY AREA AT MONTEREY, CA (MTR)

AREA OF RESPONSIBILITY BOUNDARIES

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)

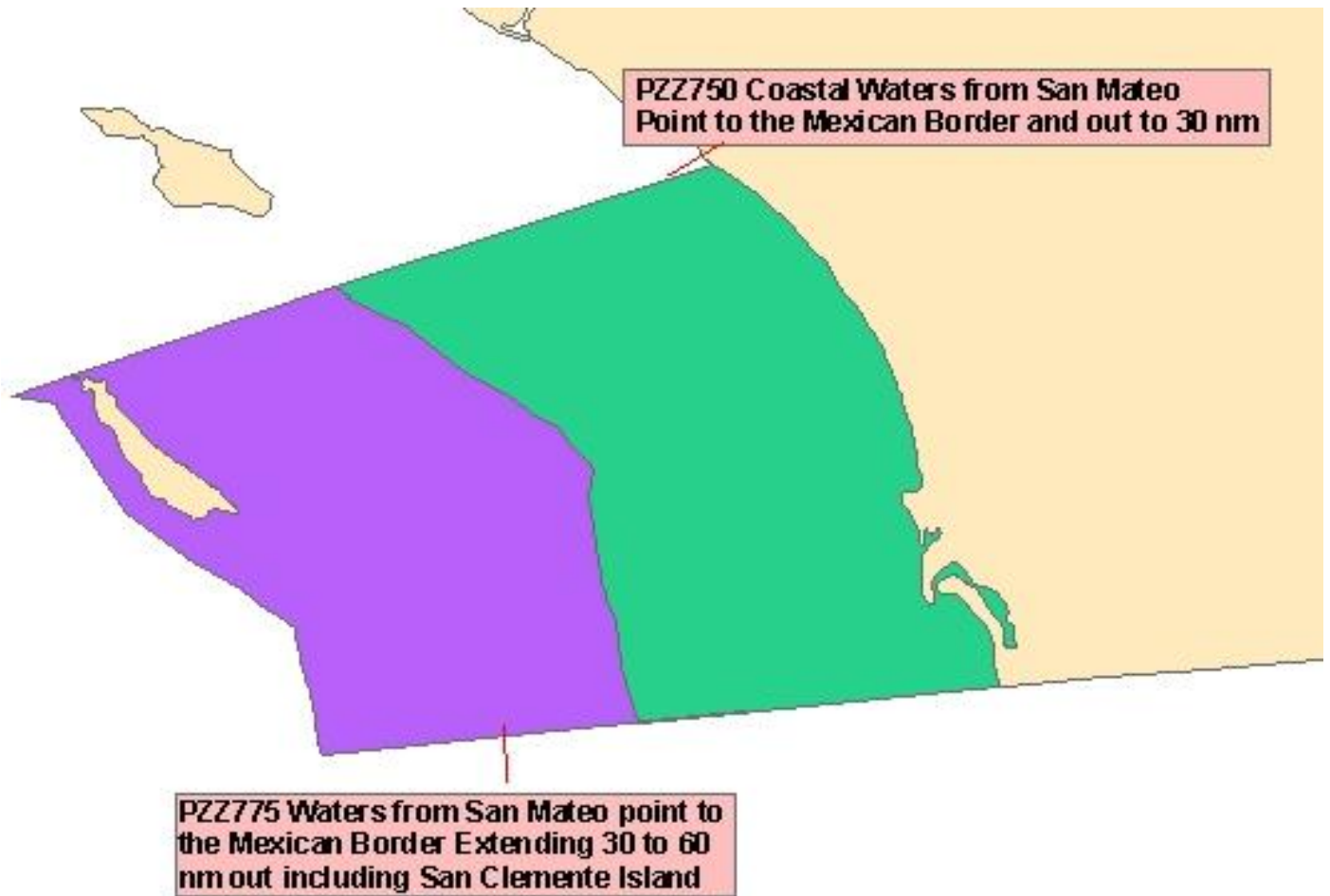
AREA OF RESPONSIBILITY BOUNDARIES

Monterey-San Luis Obispo county line to San Diego-Orange, CA county line, out 60 NM  
Includes the Channel Islands National Marine Sanctuary and National Park

- PZZ600 Synopsis for Southern California Coast and Santa Barbara Channel including the Channel Islands National Marine Sanctuary and National Park
- 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



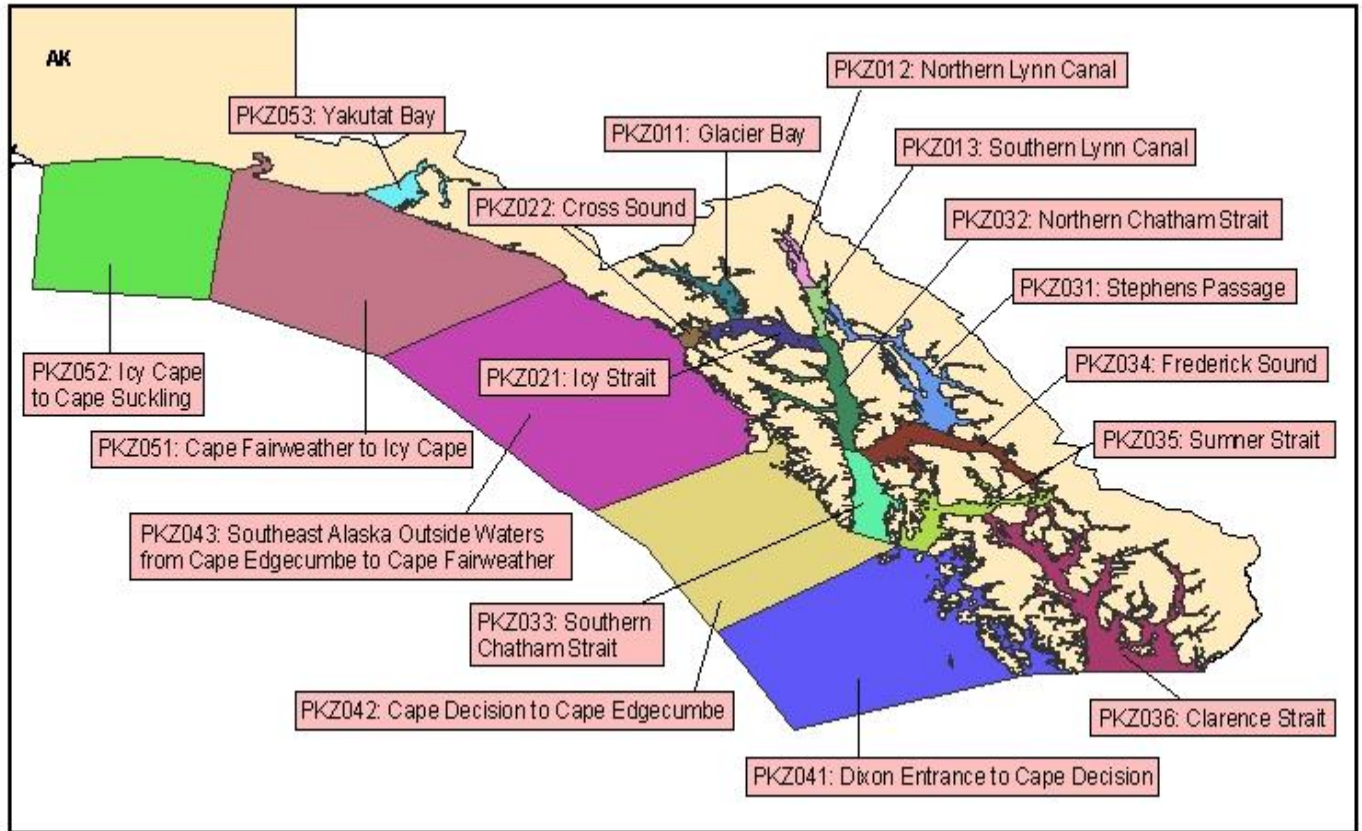
SAN DIEGO, CA (SGX)

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

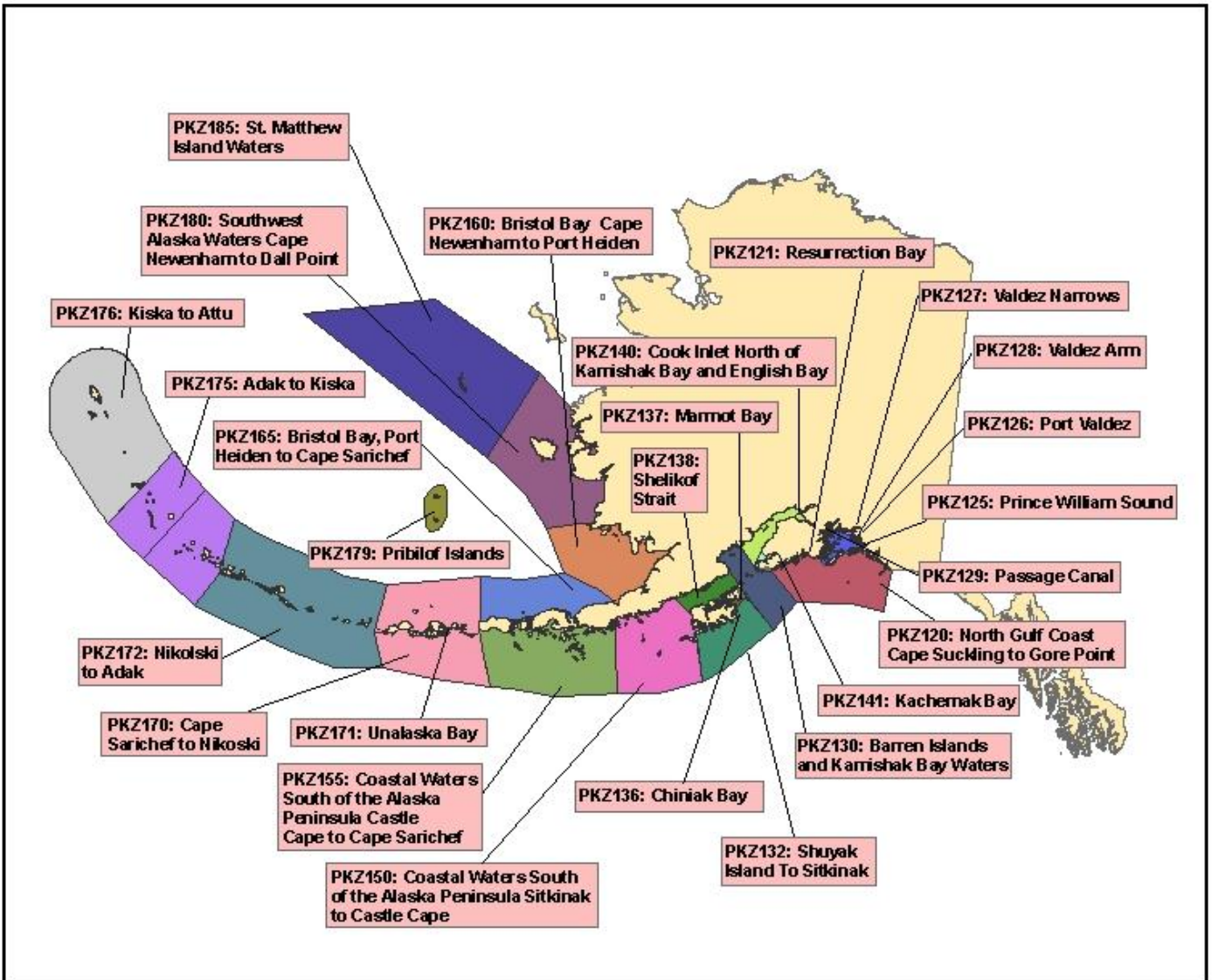
AREA OF RESPONSIBILITY BOUNDARIES

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)

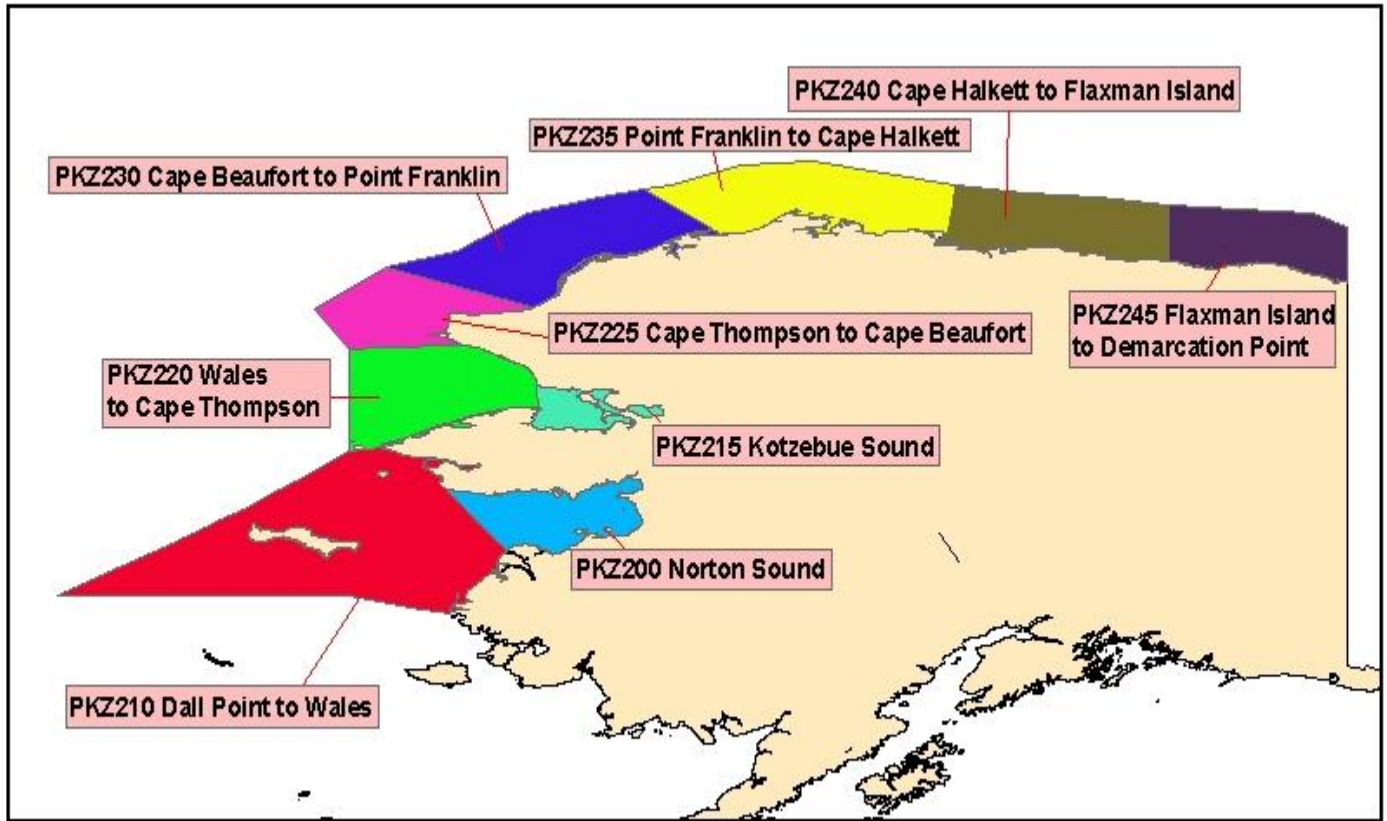
Port of Valdez and Valdez Narrows and Valdez Arm

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)

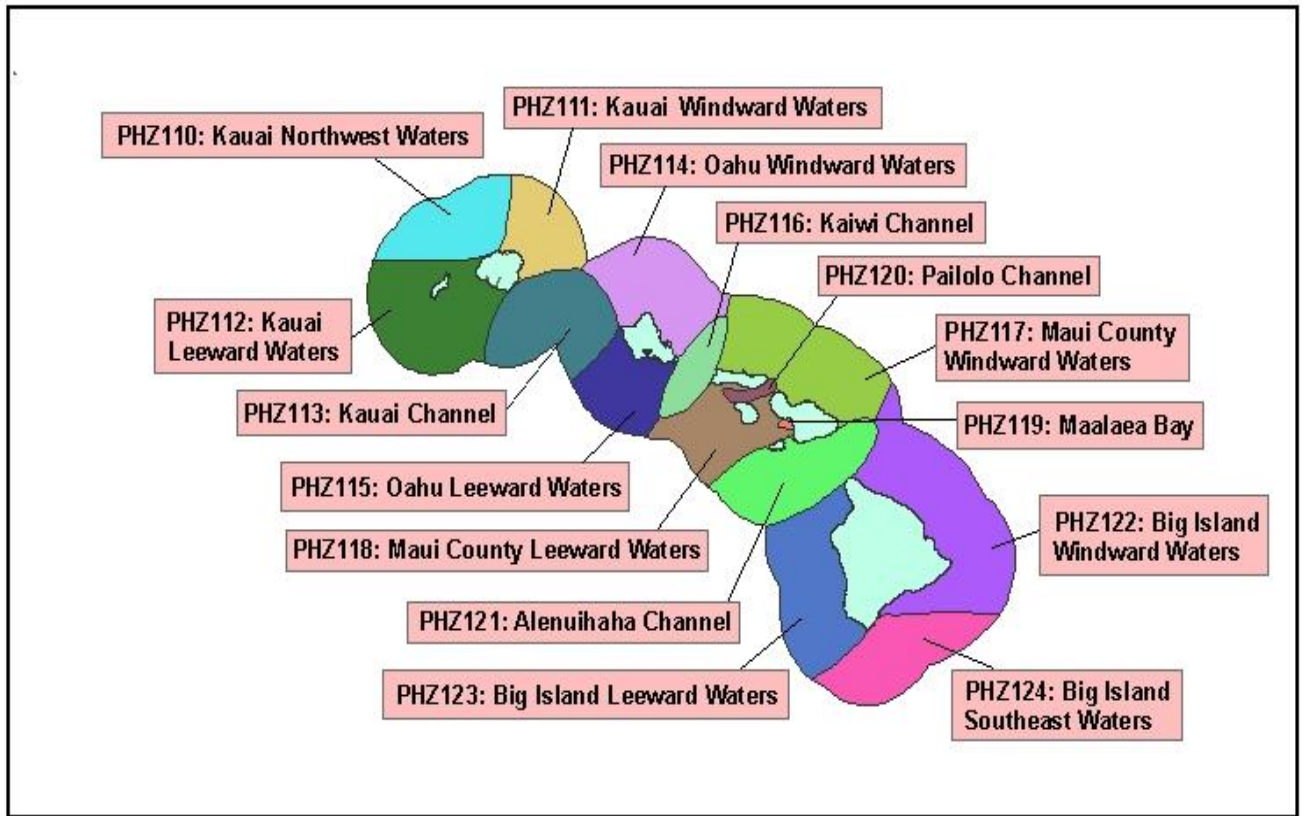
AREA OF RESPONSIBILITY BOUNDARIES

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

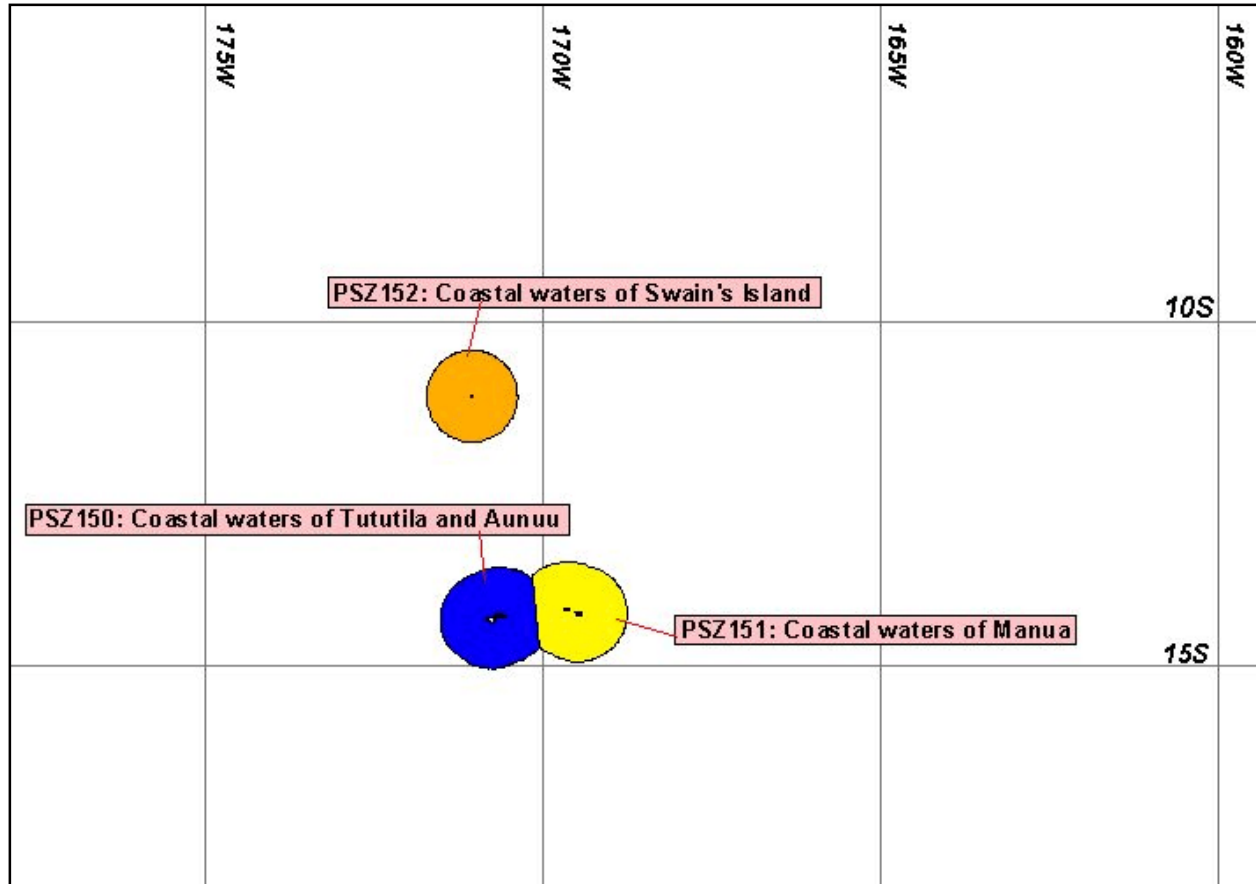
Water area within 40 NM of the main Hawaiian Islands

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)



AREA OF RESPONSIBILITY BOUNDARIES

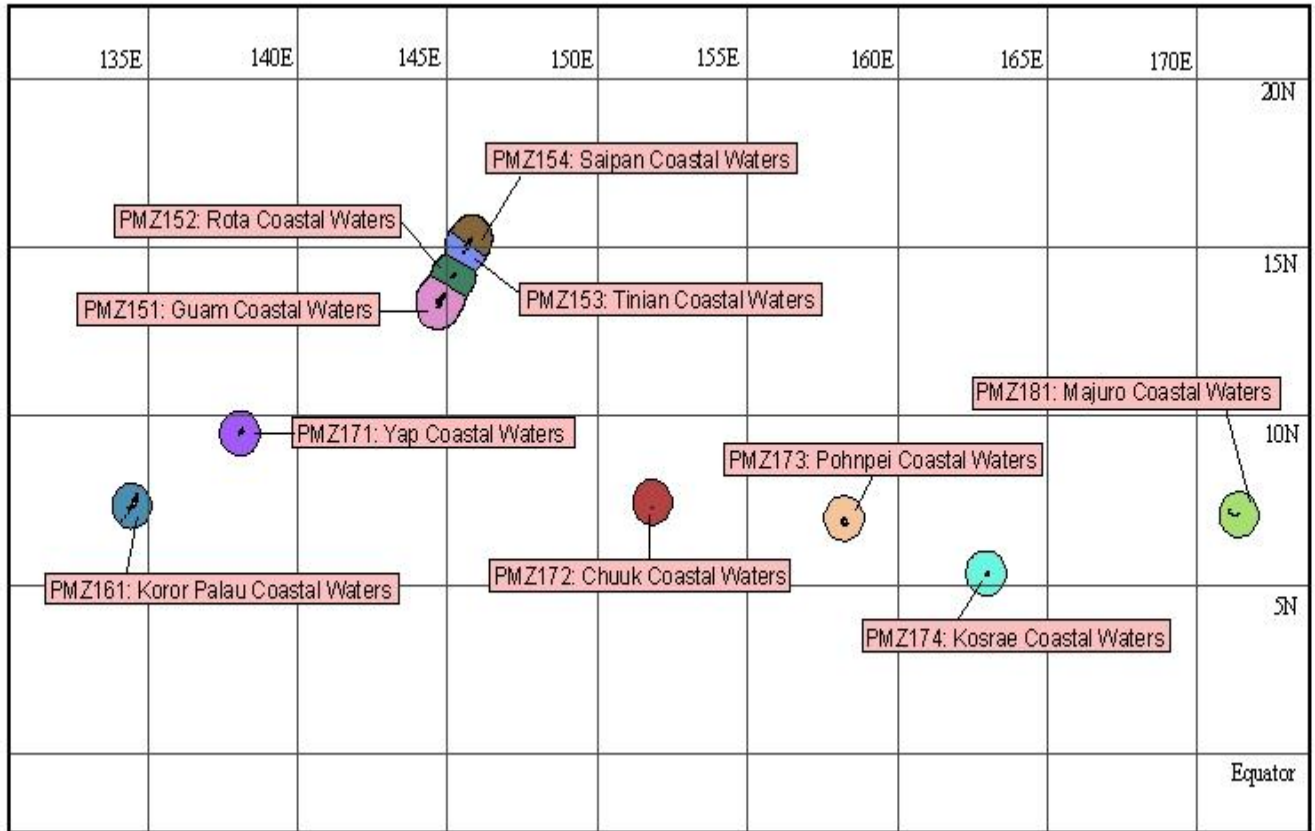
American Samoa Coastal Waters

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

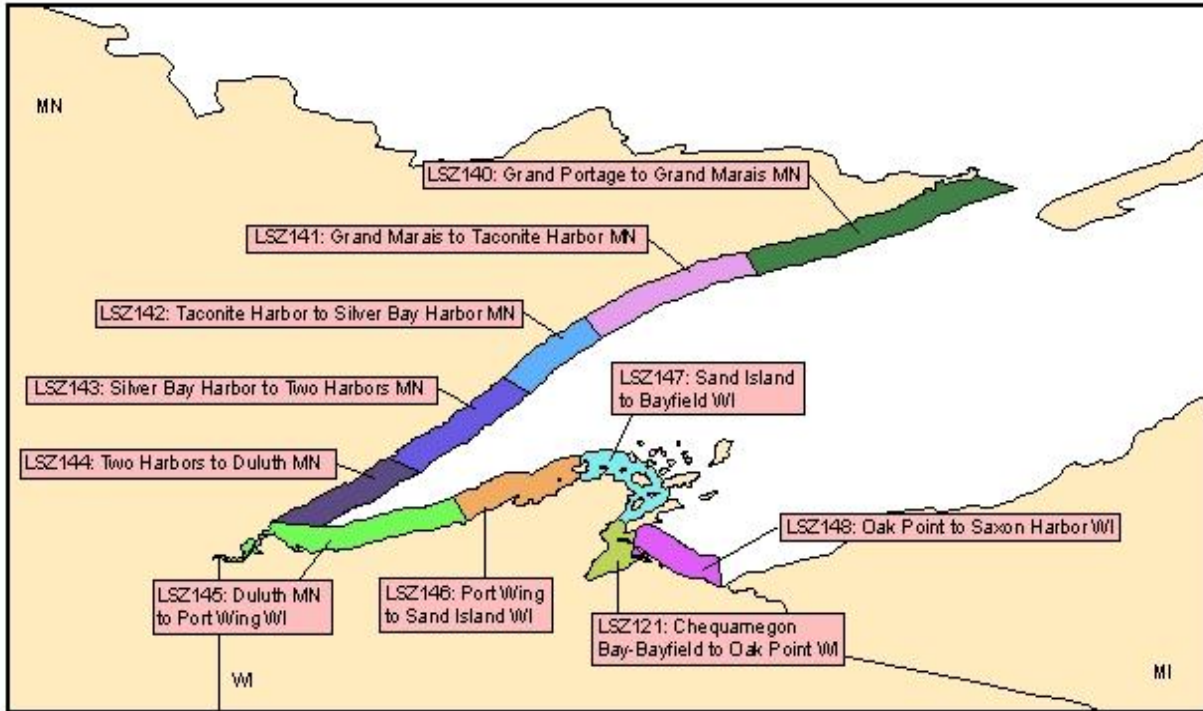
The Republic of the Marshall Islands within 40 NM of Majuro

- 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. Great Lakes Forecast Areas of Responsibility.

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



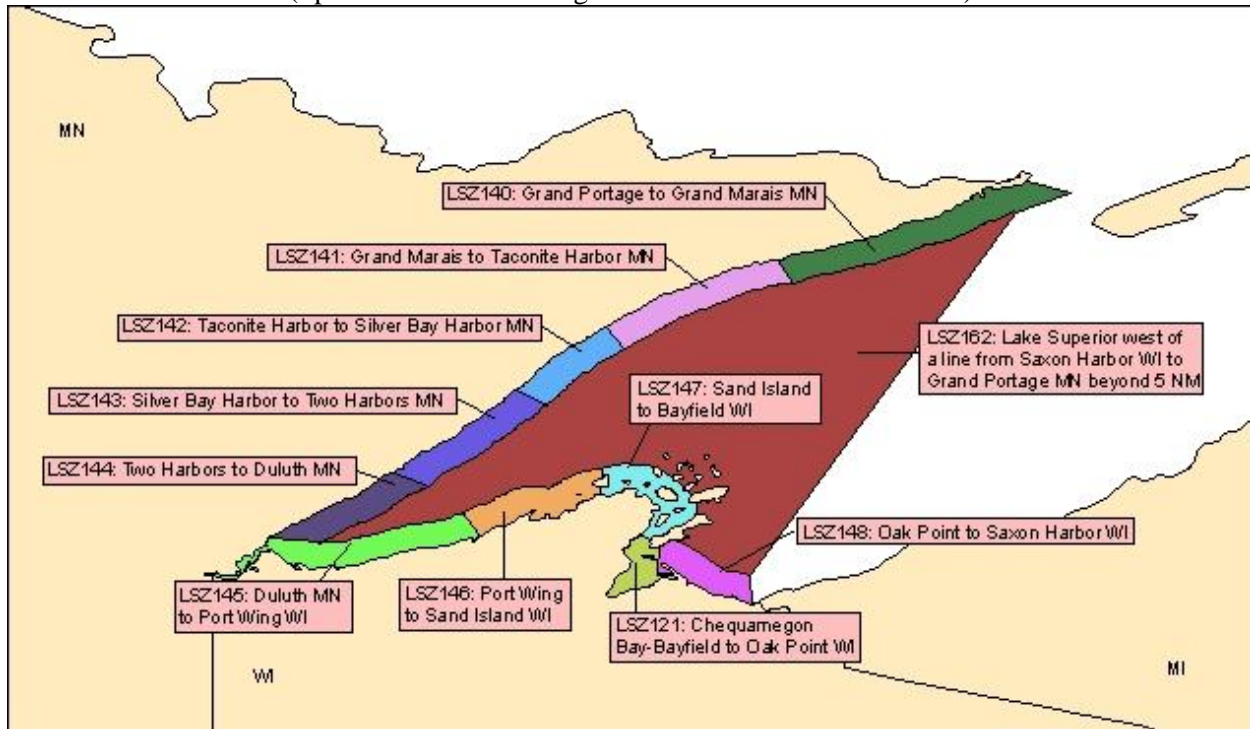
DULUTH, MN (DLH)

AREA OF RESPONSIBILITY BOUNDARIES

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)



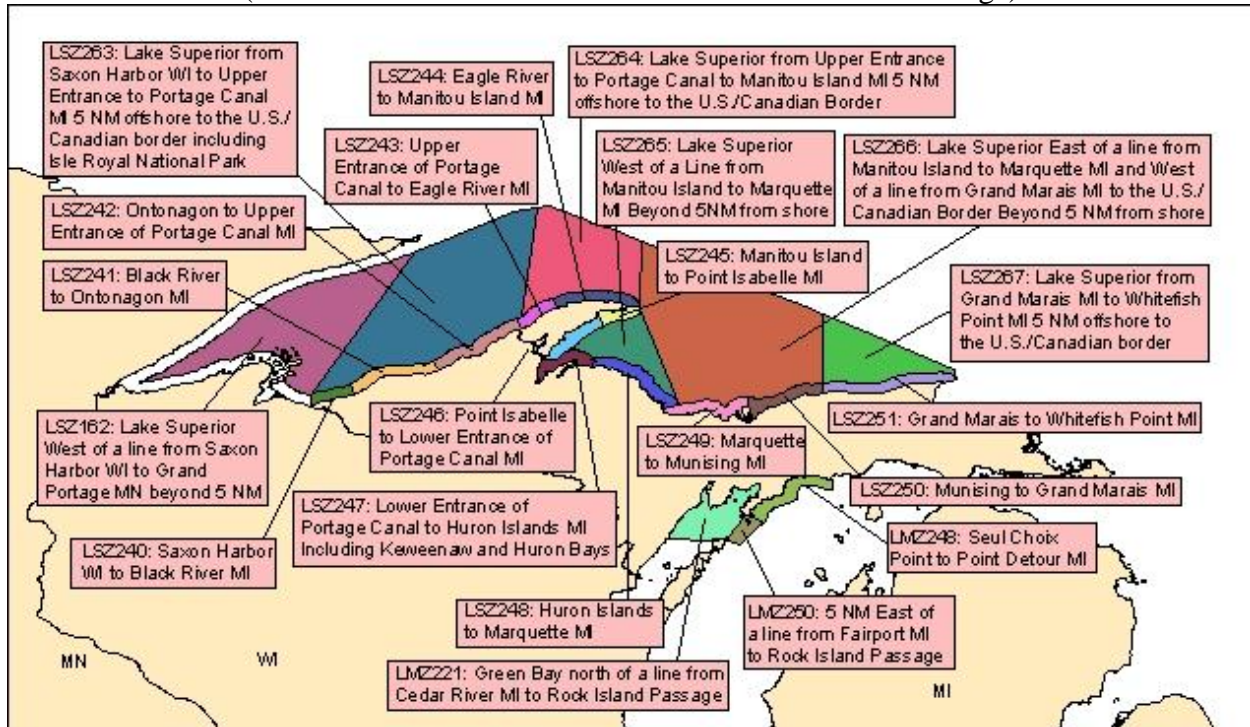
DULUTH, MN (DLH)

AREA OF RESPONSIBILITY BOUNDARIES

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)

AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior

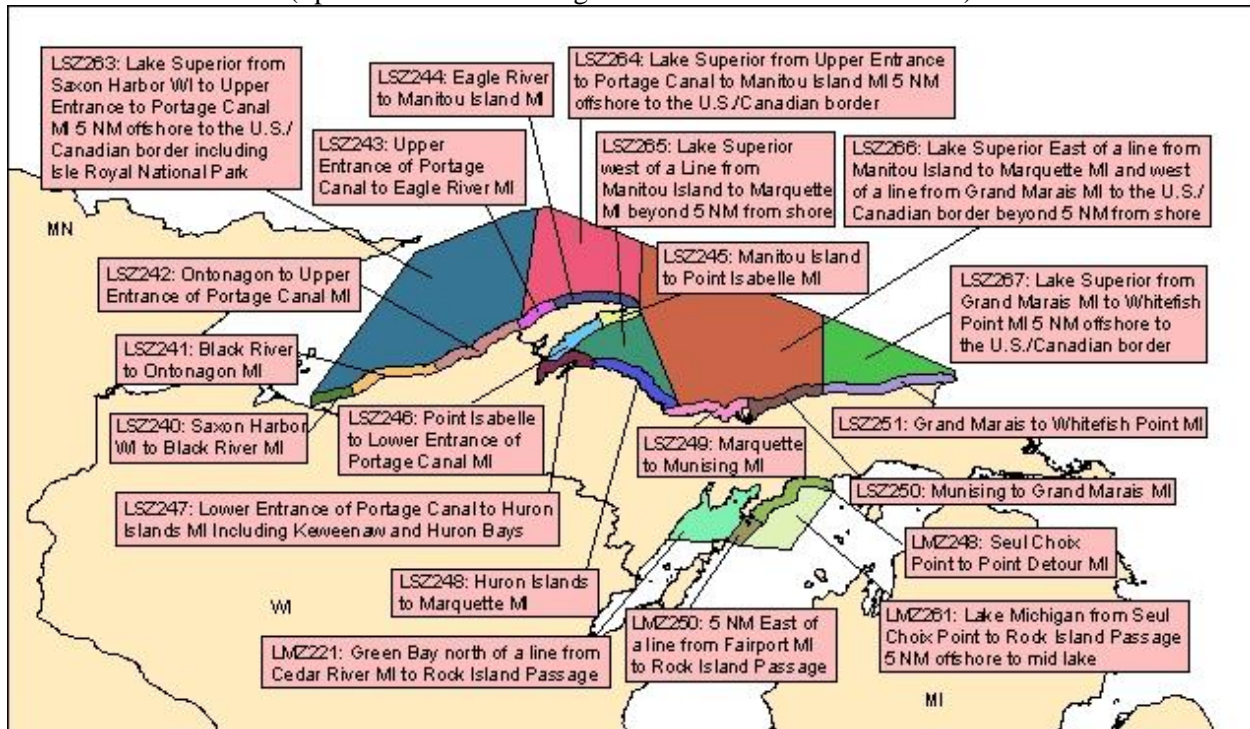
Lake Superior - WI/MI border to Whitefish Point, MI

- 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 offshore 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 offshore to the U.S./Canadian border

**NWSI 10-302 AUGUST 9, 2012**

- 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)

AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior

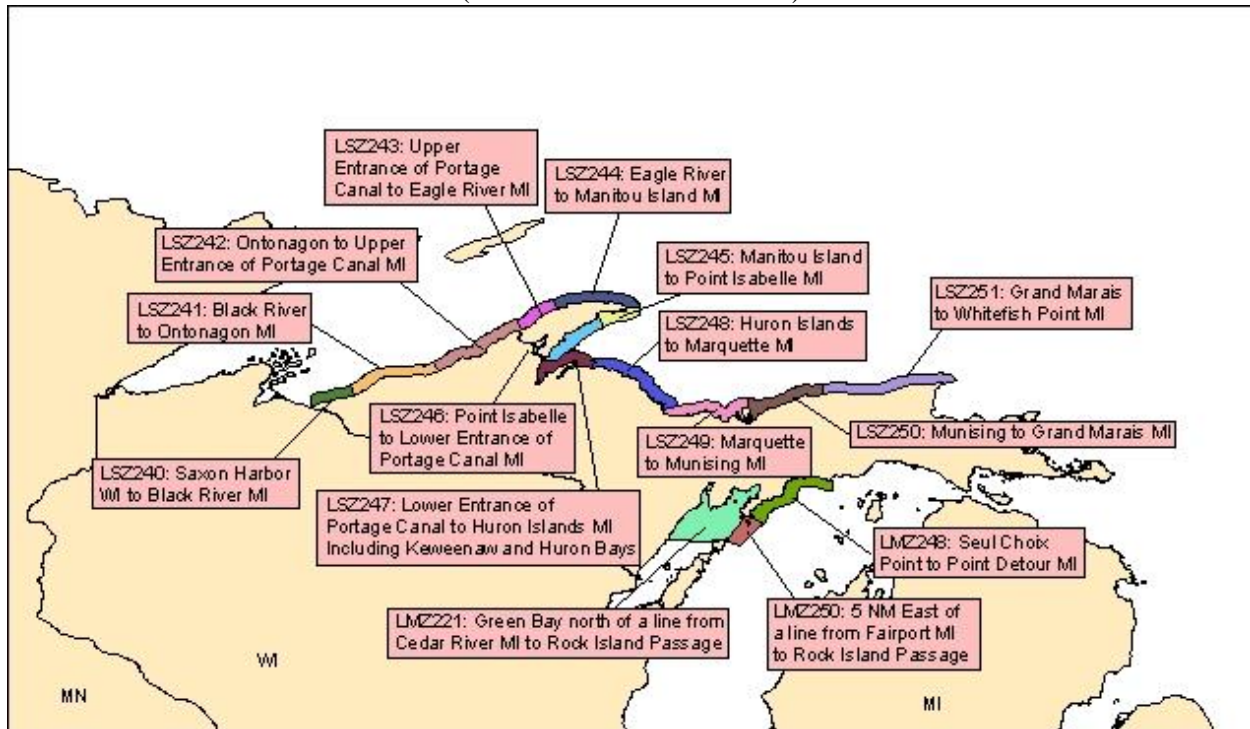
Lake Superior - WI/MI border to Whitefish Point, MI

- 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 offshore 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 offshore to the U.S./Canadian border

**NWSI 10-302 AUGUST 9, 2012**

- 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)

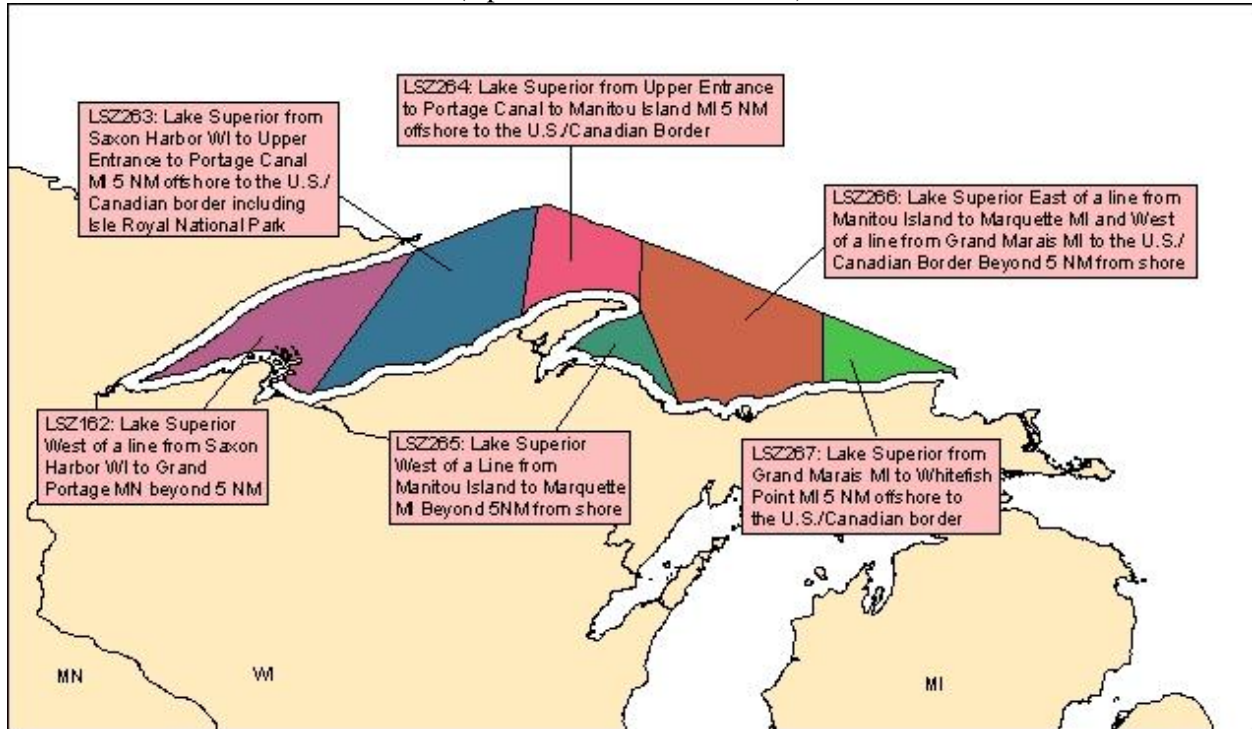
AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior

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)



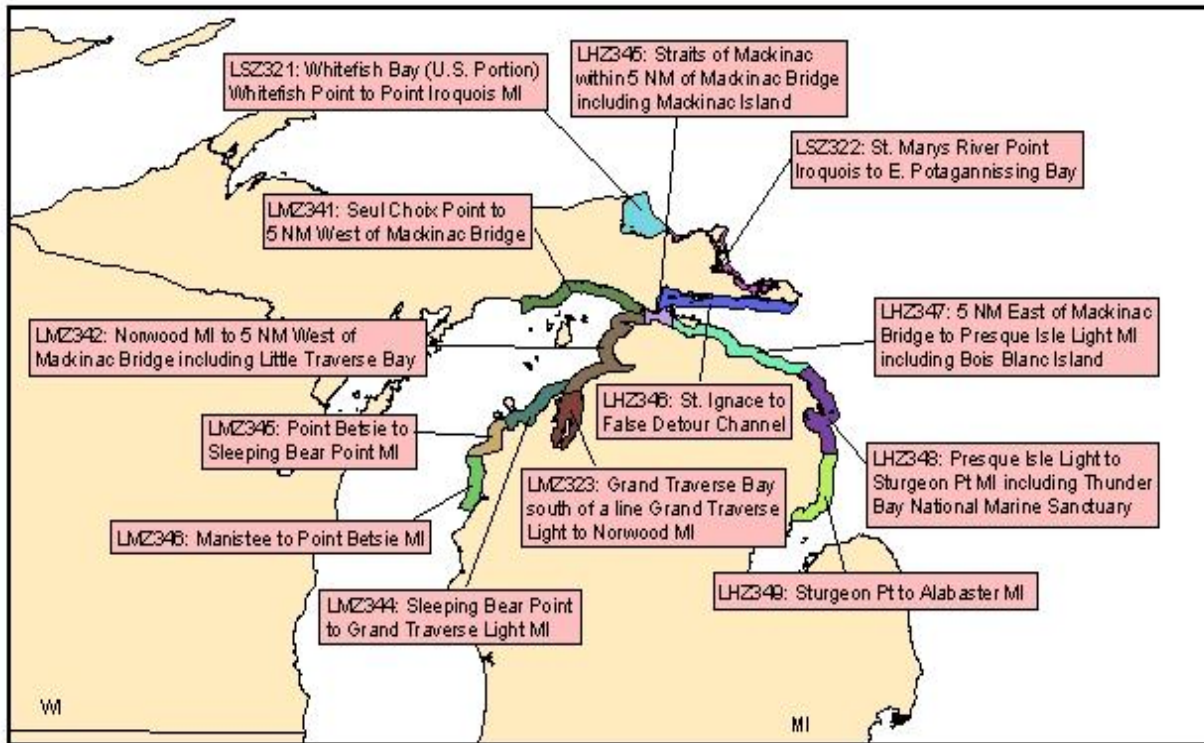
MARQUETTE, MI (MQT)

AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior

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 offshore 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 offshore 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)

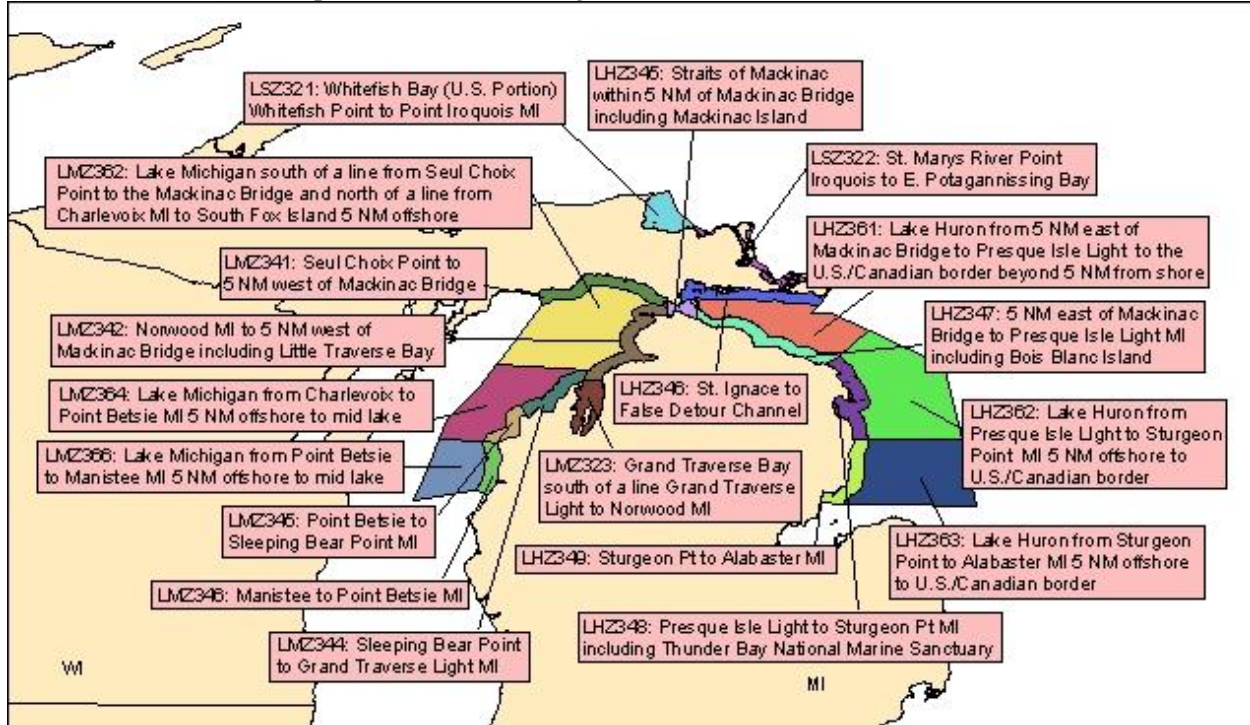


GAYLORD, MI (APX)

AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior and Lake Michigan  
 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)

AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior and Lake Michigan

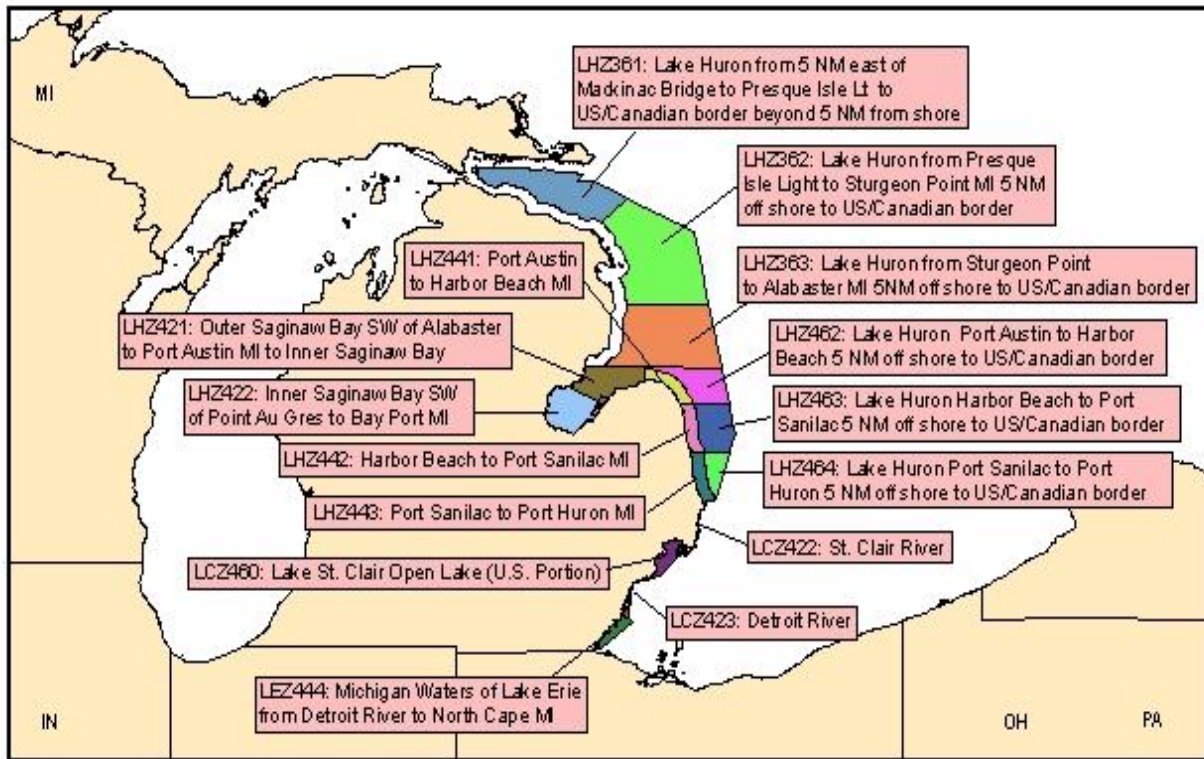
Lake Superior- U.S. Portion Whitefish Bay, St. Mary’s River, and Potagannissing Bay  
 Lake Michigan - Mackinac Bridge to Schoolcraft/Mackinac county line and Mackinac Bridge to Manistee/Mason, MI county line  
 Includes the Thunder Bay National Marine Sanctuary

- 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

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- 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)



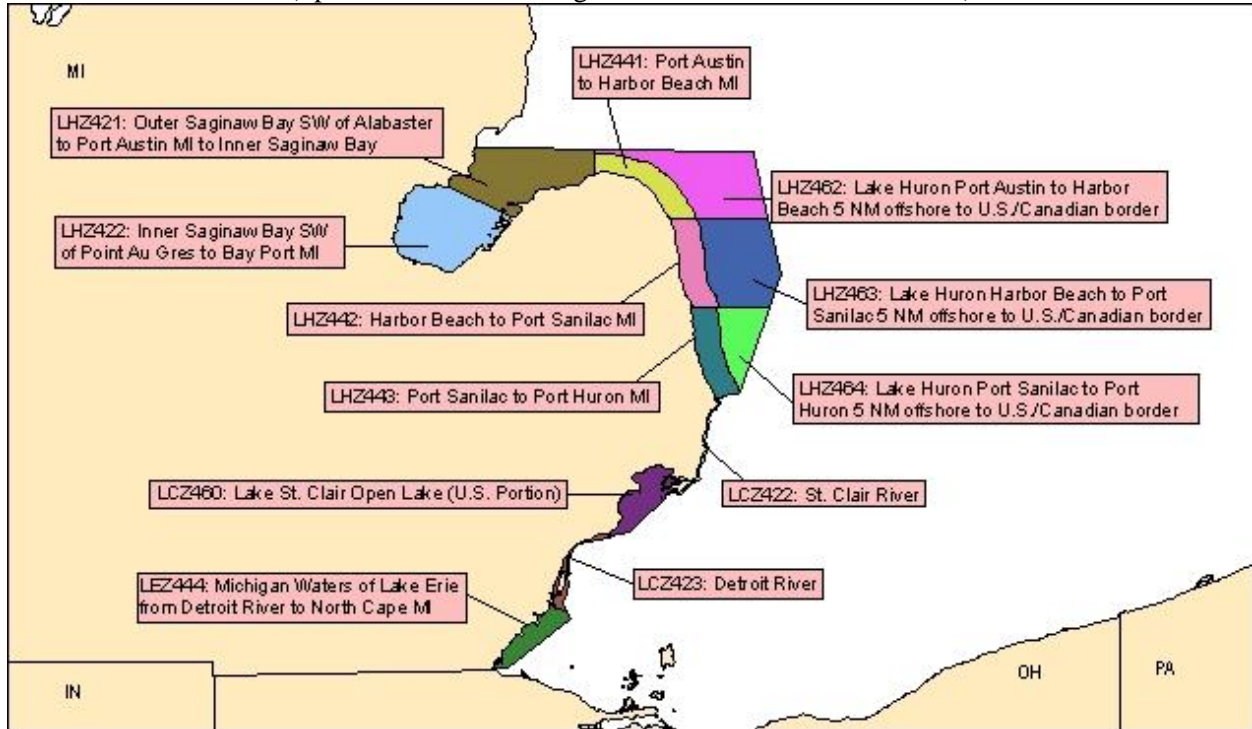
DETROIT, MI (DTX)

AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River

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)



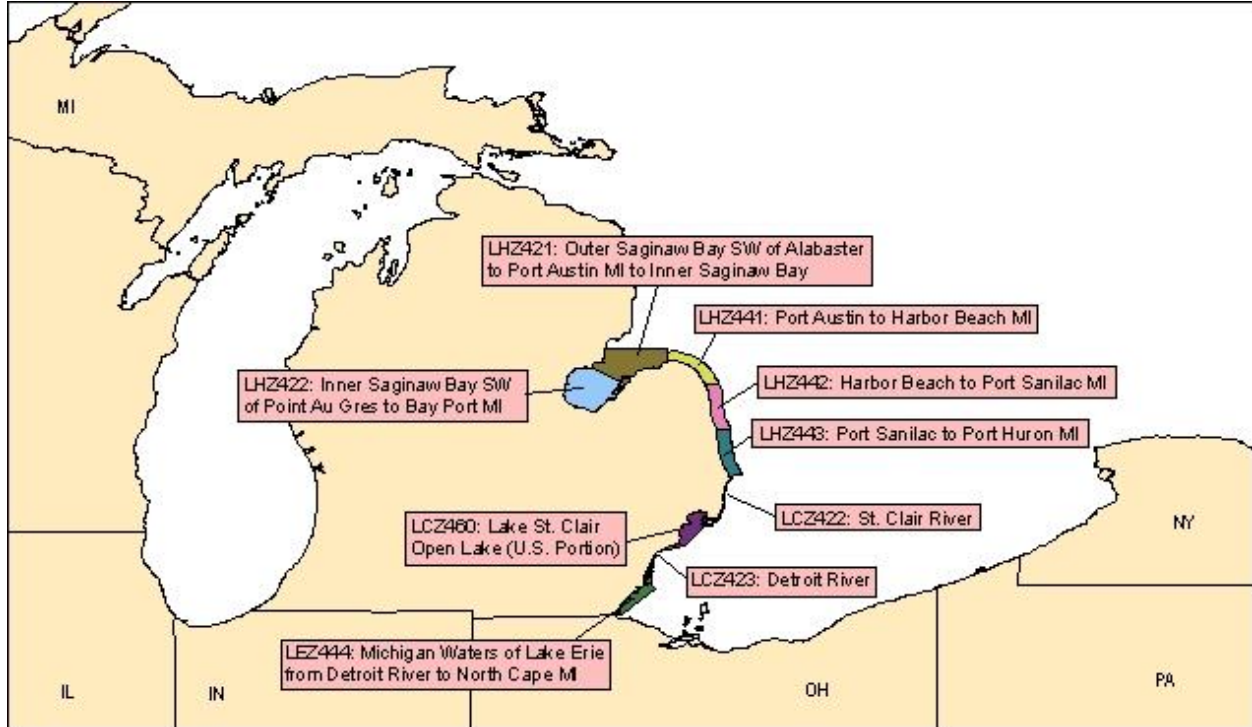
DETROIT, MI (DTX)

AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River

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)



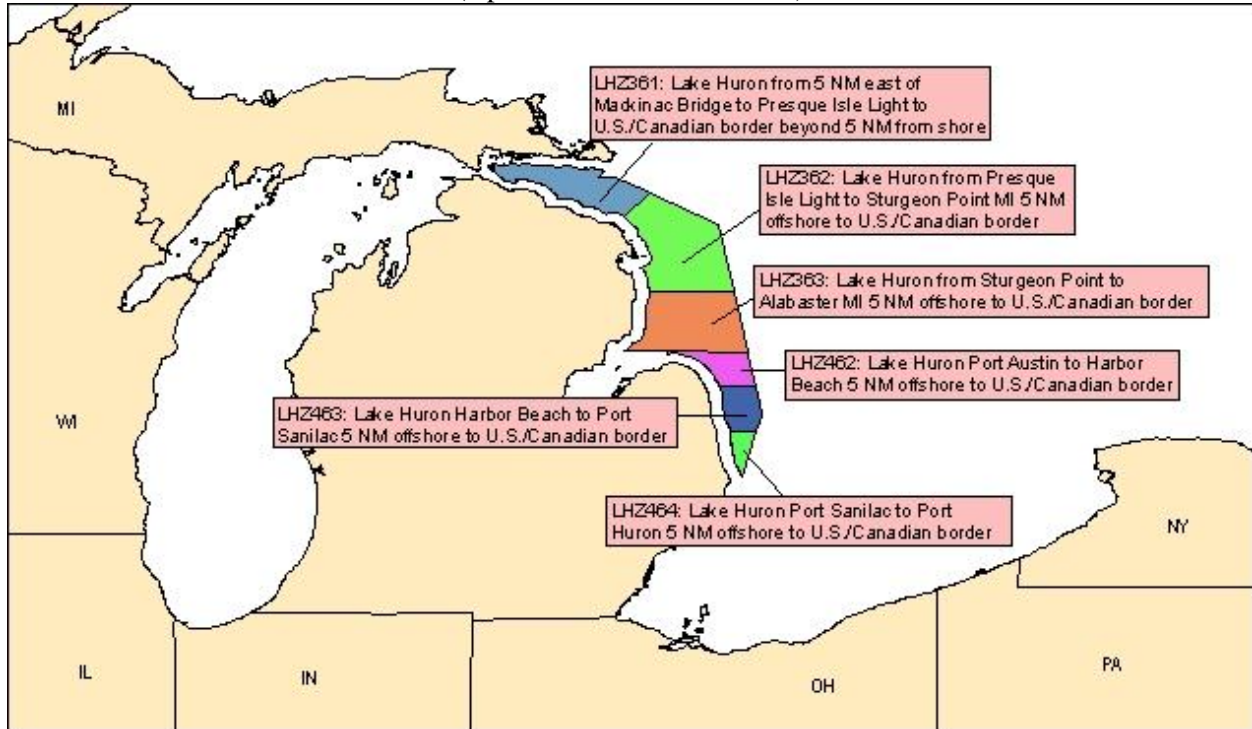
DETROIT, MI (DTX)

AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River

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

MARINE ZONES FOR WFO DETROIT, MI  
(Open Lake Marine Forecast)



DETROIT, MI (DTX)

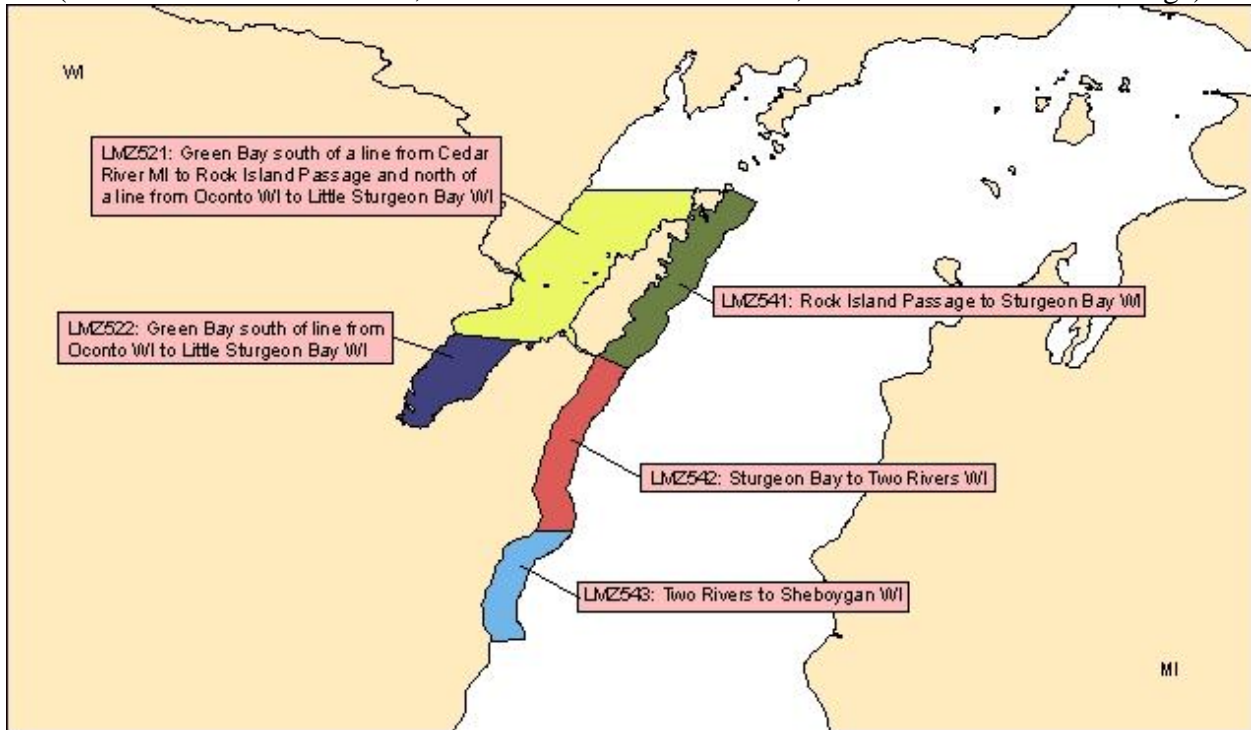
AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River

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



(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)



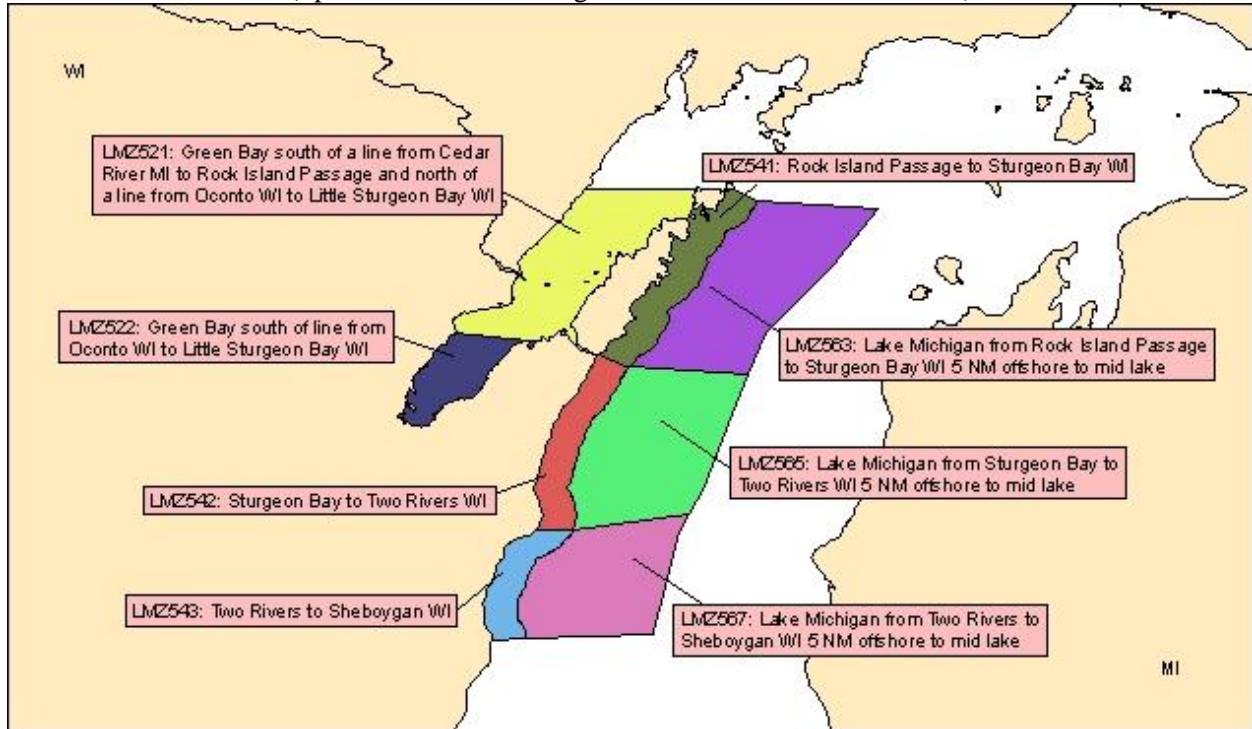
GREEN BAY, WI (GRB)

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)



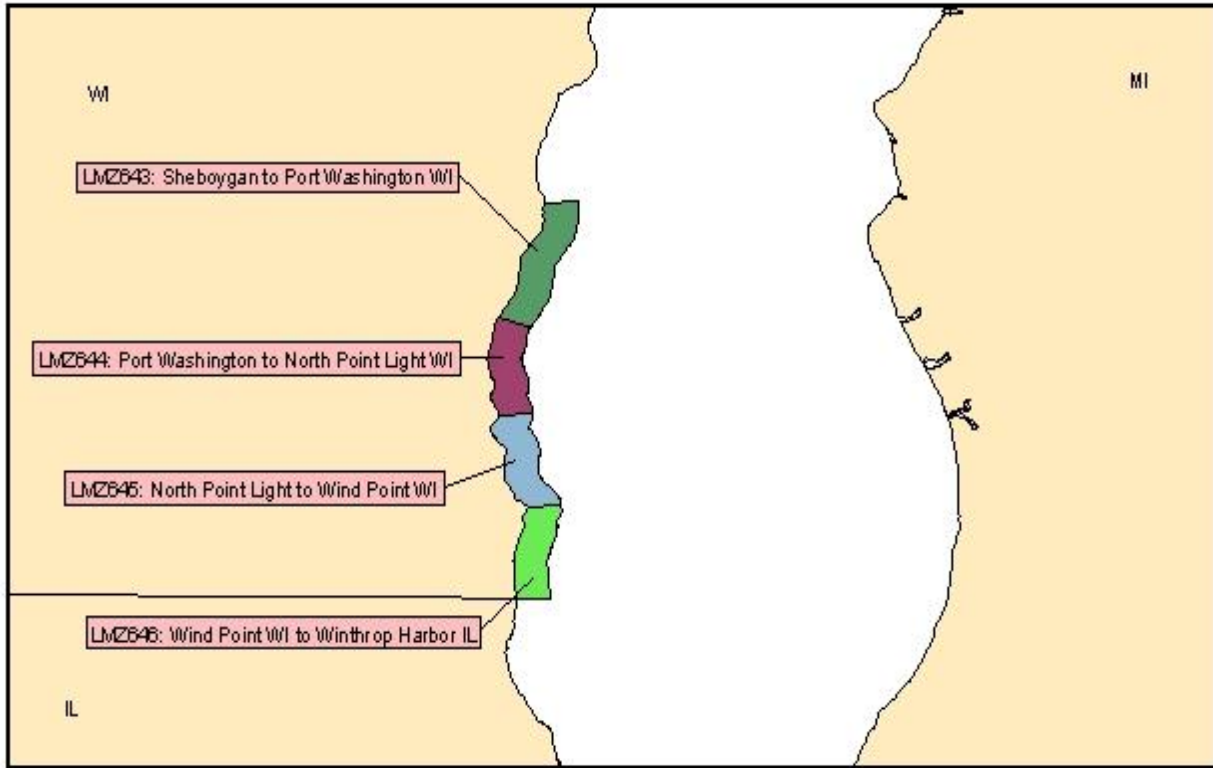
GREEN BAY, WI (GRB)

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)



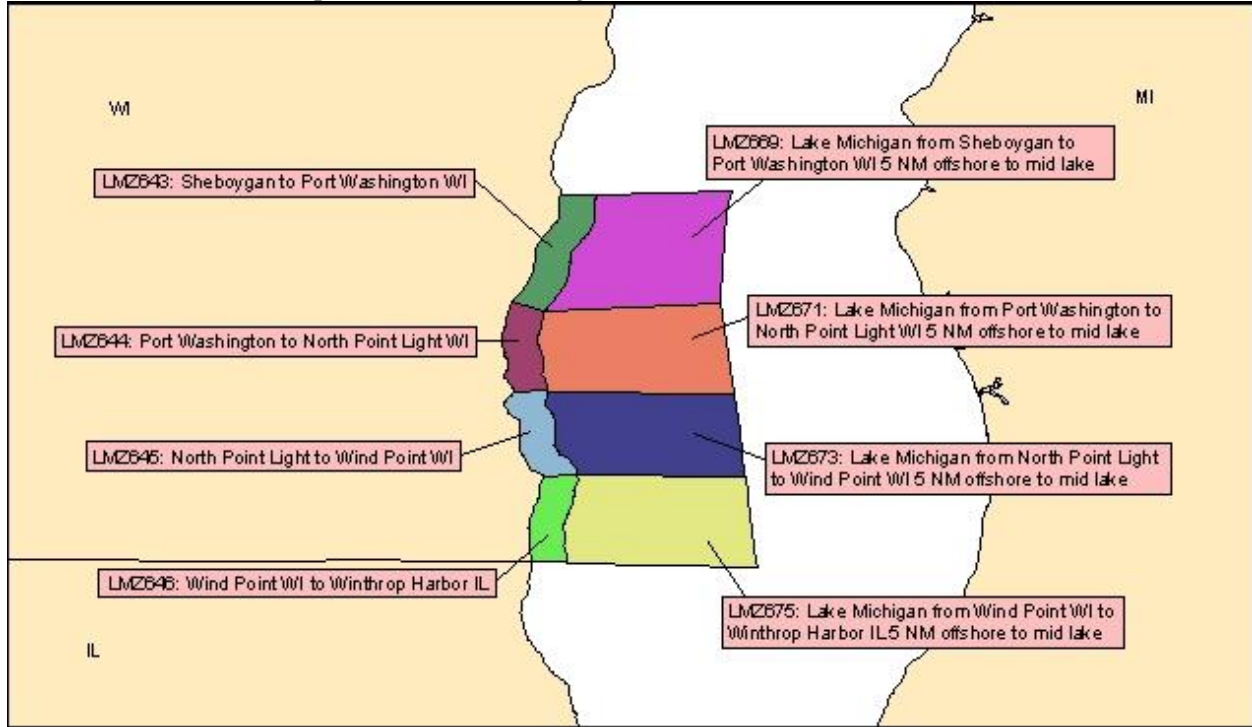
MILWAUKEE - SULLIVAN, WI (MKX)

AREA OF RESPONSIBILITY BOUNDARIES

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)



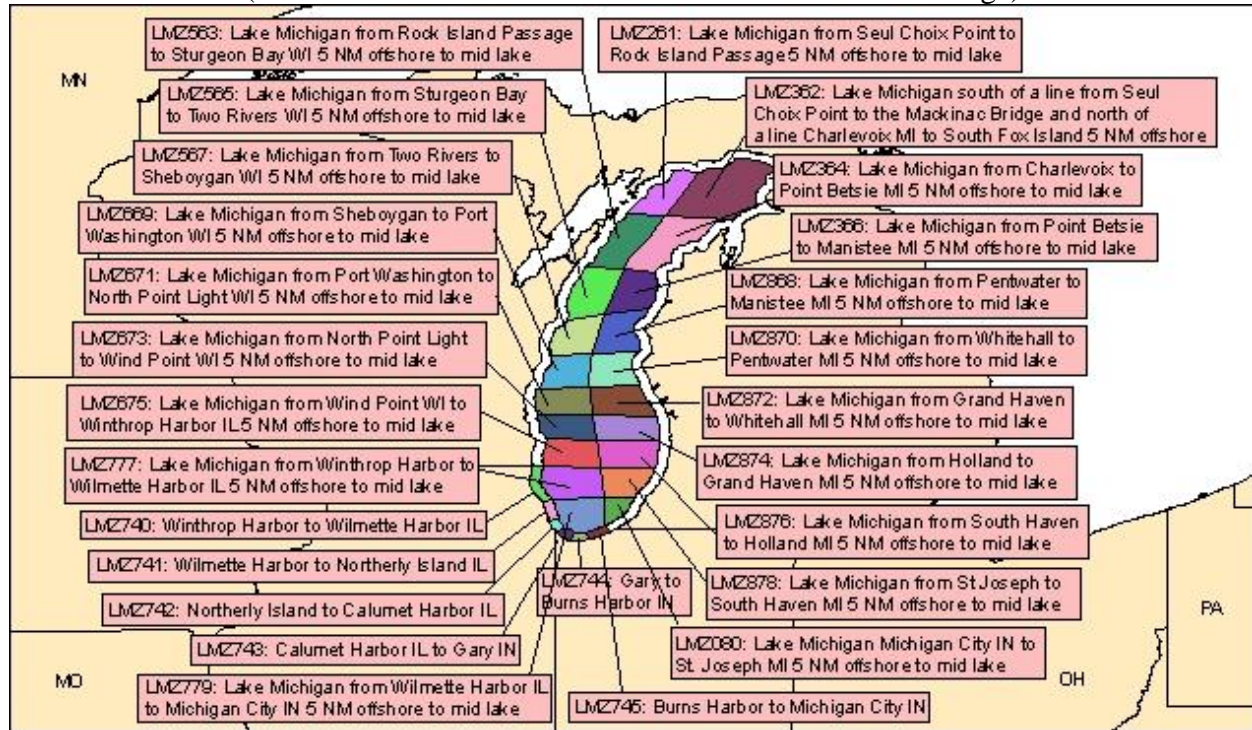
MILWAUKEE - SULLIVAN, WI (MKX)

AREA OF RESPONSIBILITY BOUNDARIES

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)

AREA OF RESPONSIBILITY BOUNDARIES

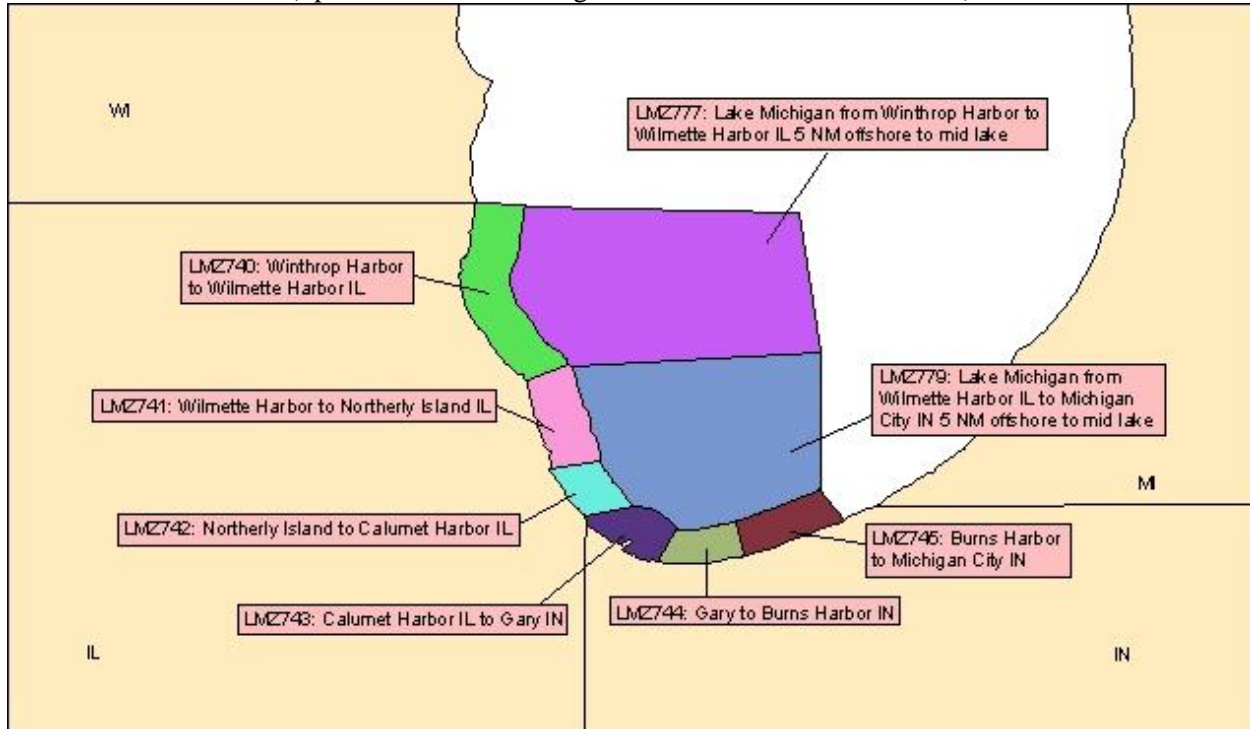
Lake Michigan - IL/WI border to Michigan City IN

- 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

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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)



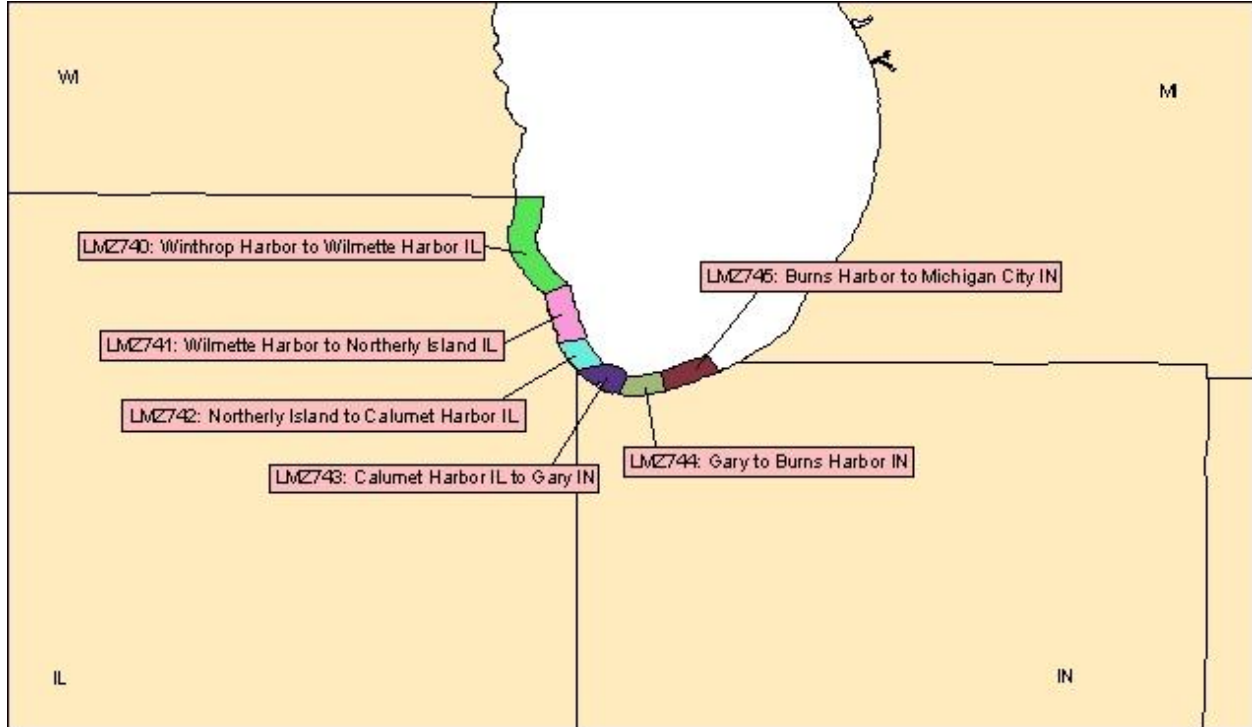
CHICAGO, IL (LOT)

AREA OF RESPONSIBILITY BOUNDARIES

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)

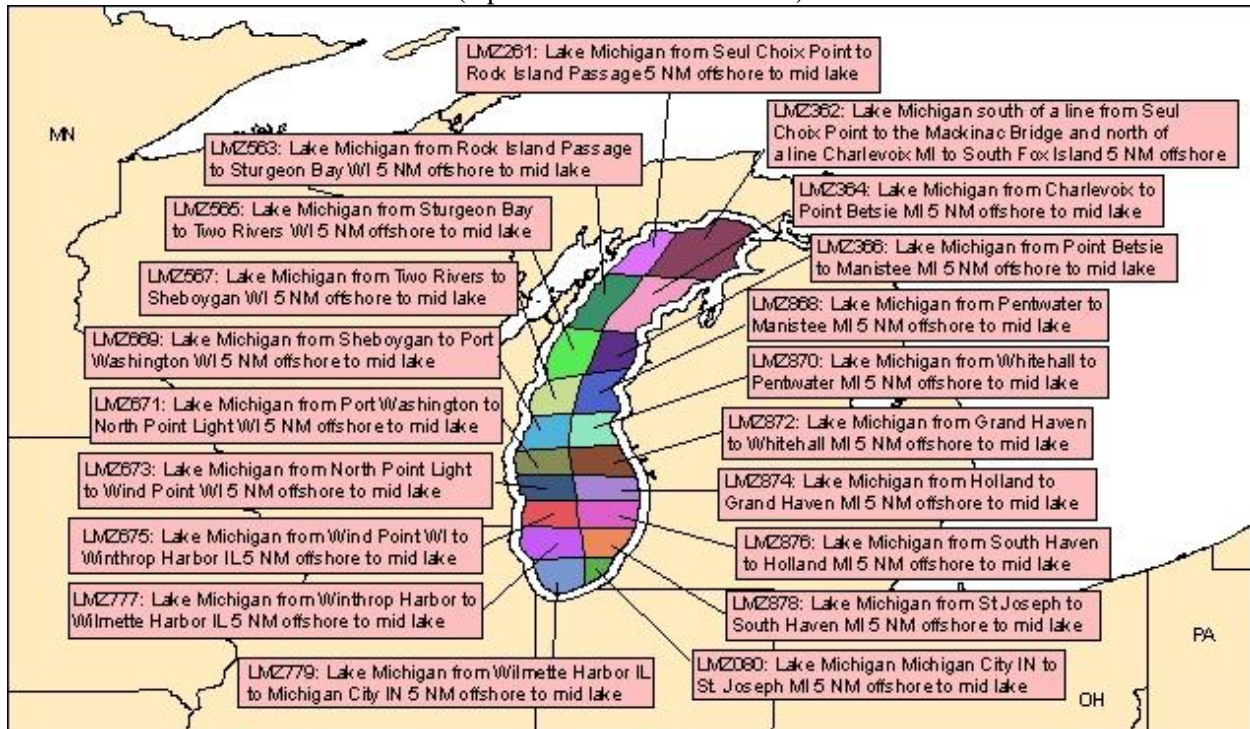
AREA OF RESPONSIBILITY BOUNDARIES

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



MARINE ZONES FOR WFO CHICAGO, IL  
(Open Lake Marine Forecast)



CHICAGO, IL (LOT)

AREA OF RESPONSIBILITY BOUNDARIES

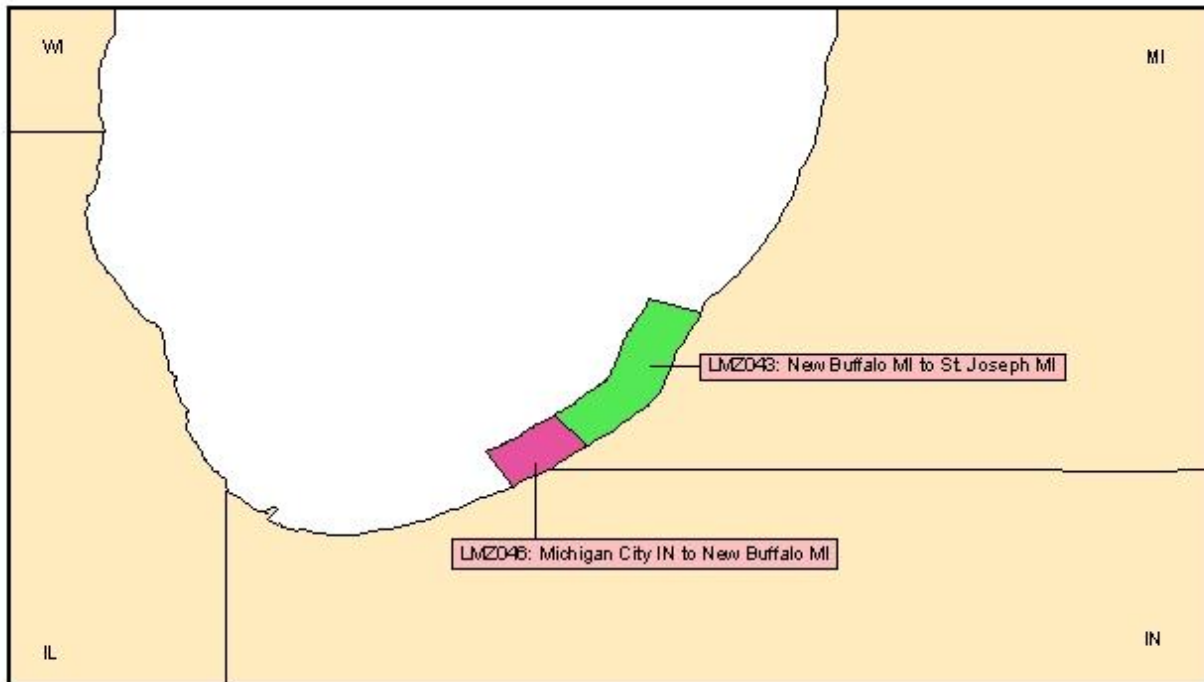
Lake Michigan - IL/WI border to Michigan City IN

- 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

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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

MARINE ZONES FOR WFO NORTHERN INDIANA, IN  
(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)



NORTHERN INDIANA, IN (IWX)

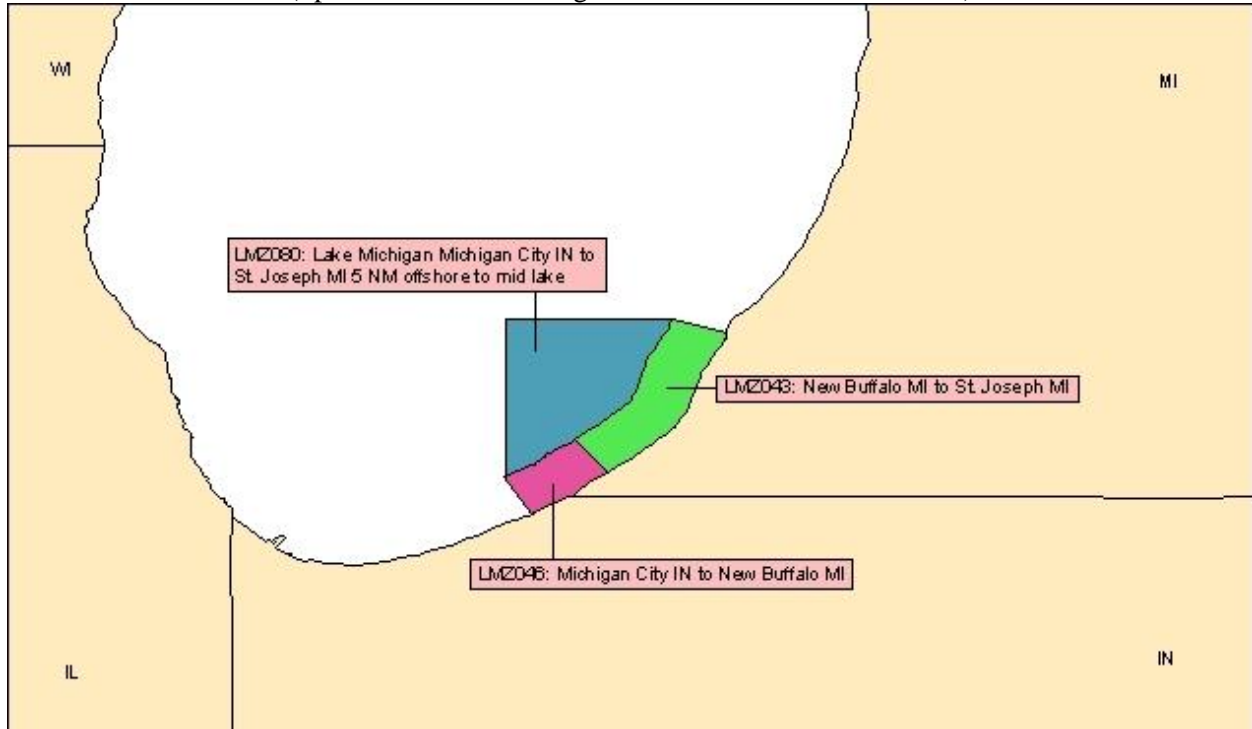
AREA OF RESPONSIBILITY BOUNDARIES

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)



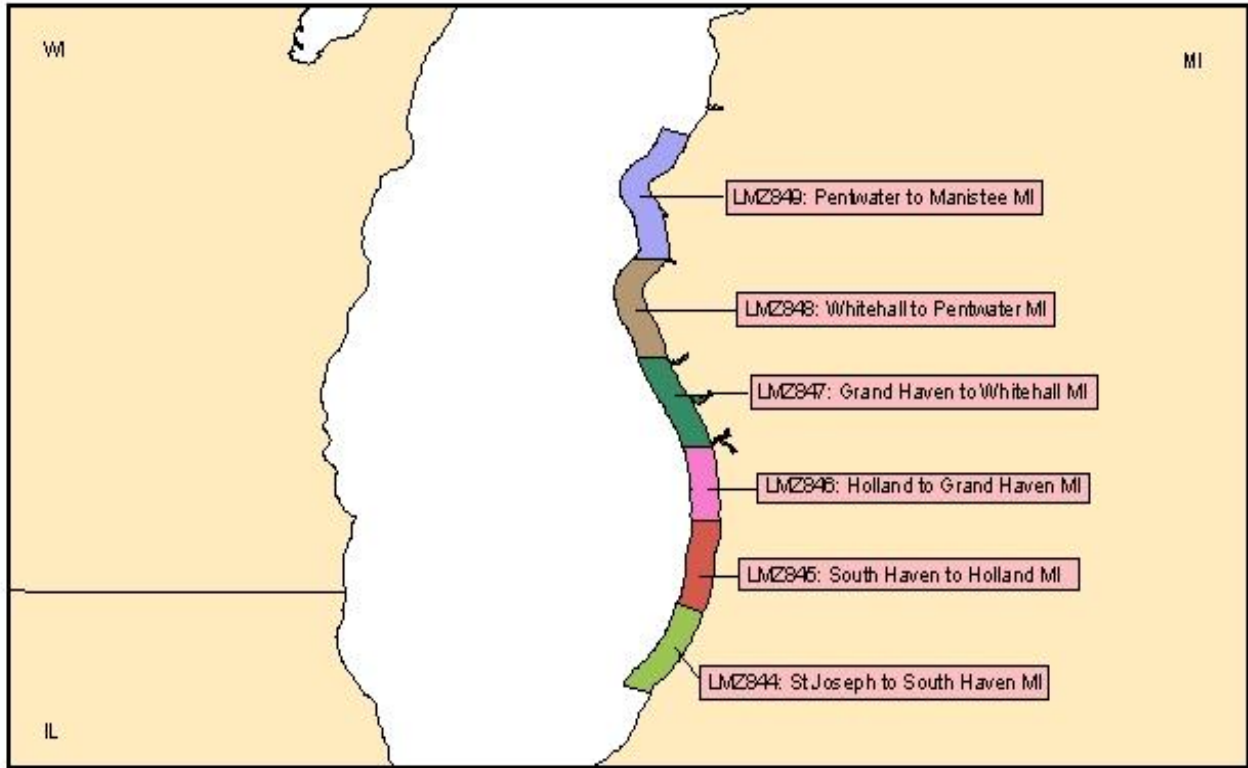
NORTHERN INDIANA, IN (IWX)

AREA OF RESPONSIBILITY BOUNDARIES

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)



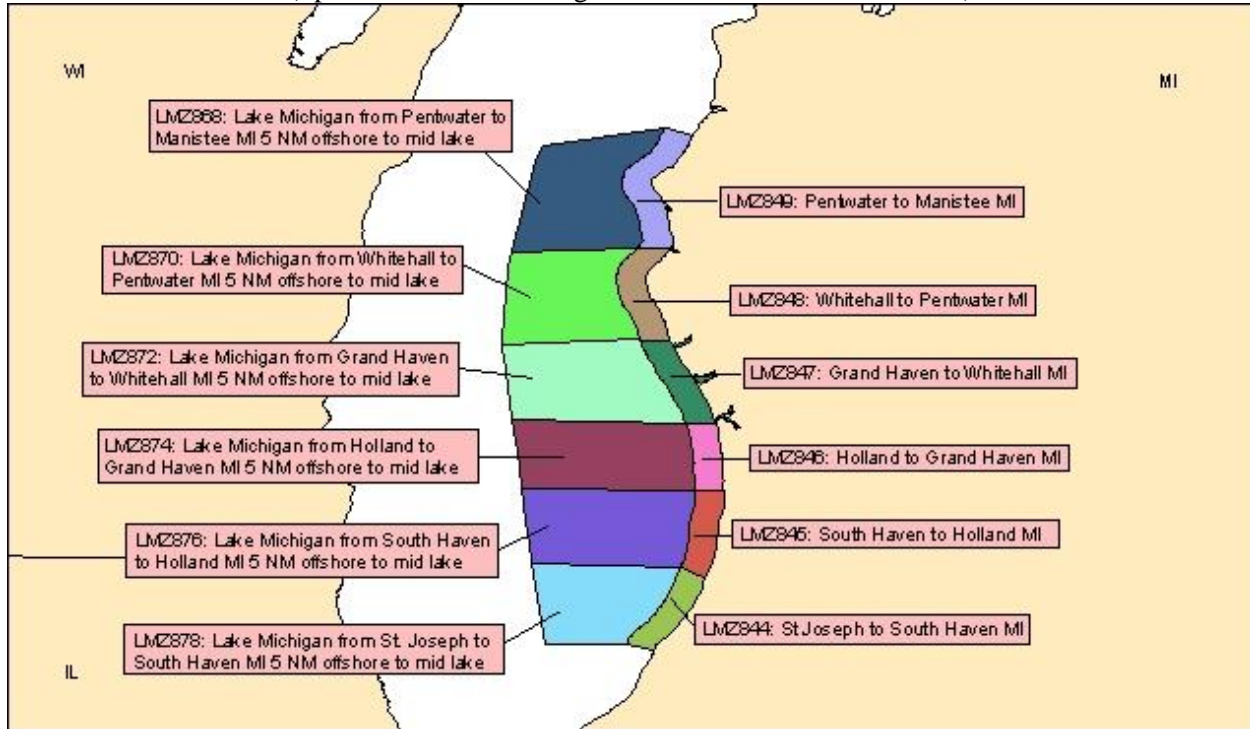
GRAND RAPIDS, MI (GRR)

AREA OF RESPONSIBILITY BOUNDARIES

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)



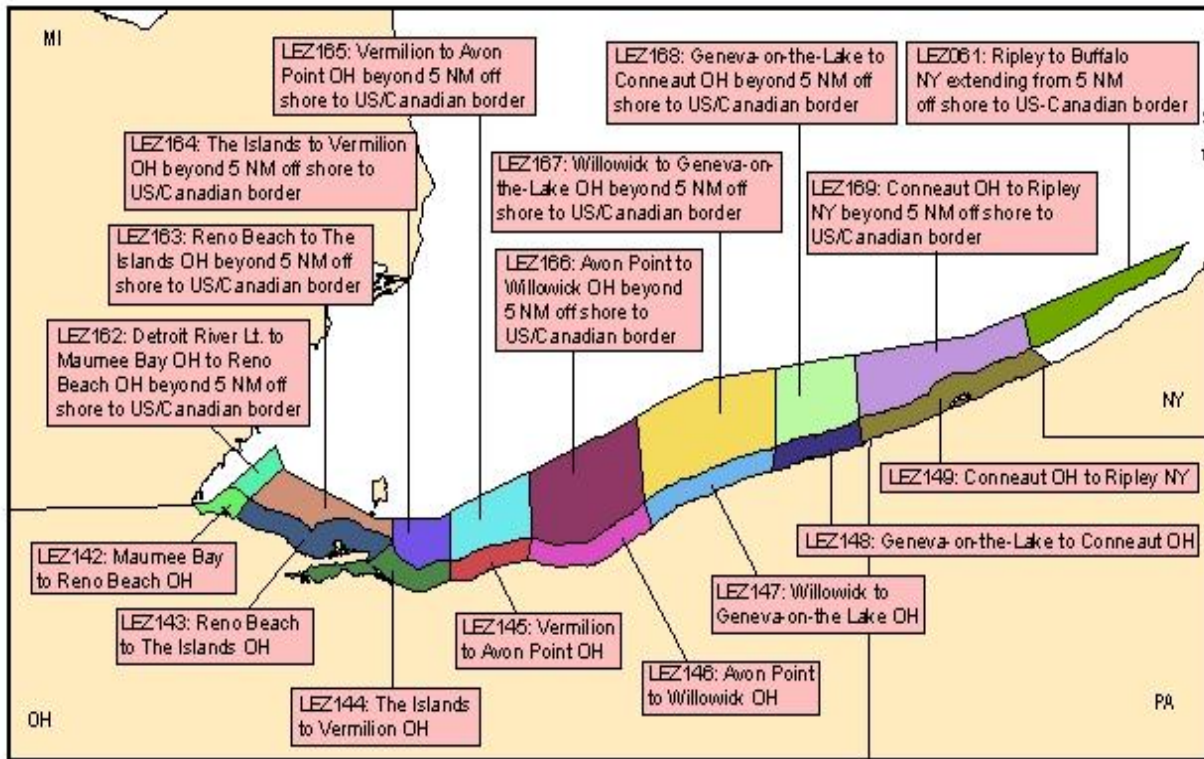
GRAND RAPIDS, MI (GRR)

AREA OF RESPONSIBILITY BOUNDARIES

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)



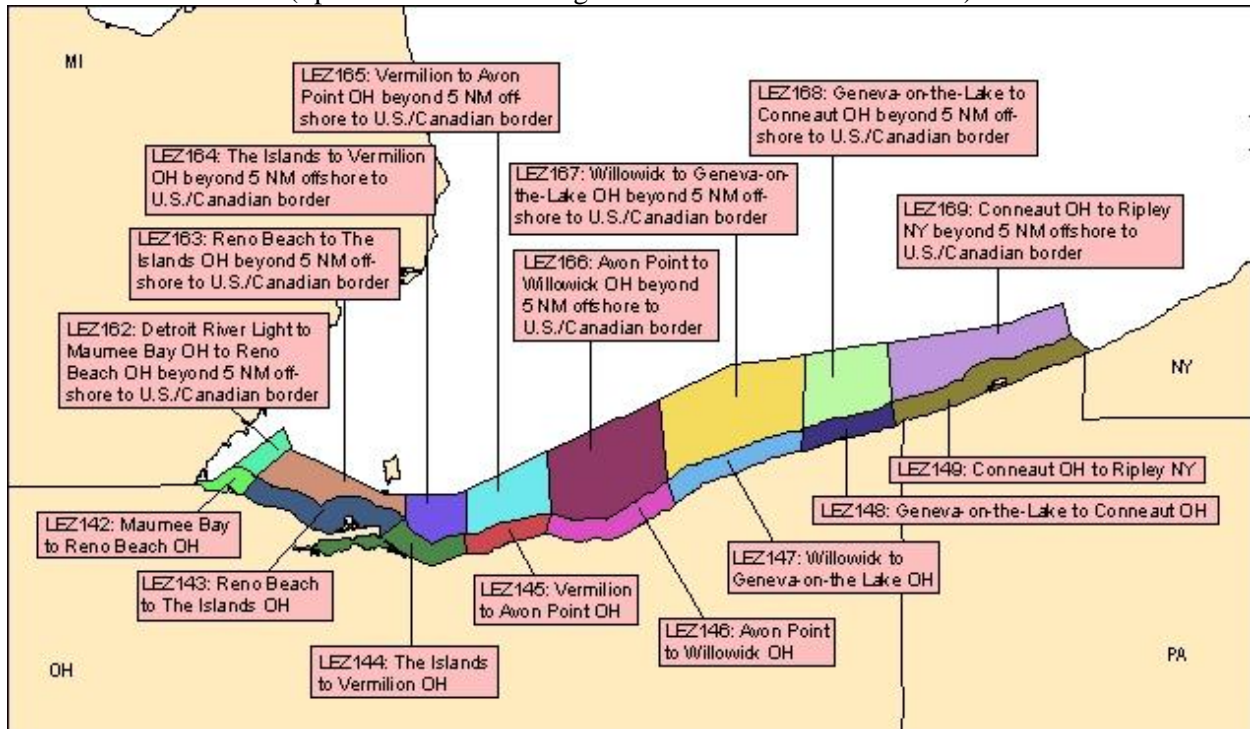
CLEVELAND, OH (CLE)

AREA OF RESPONSIBILITY BOUNDARIES

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)

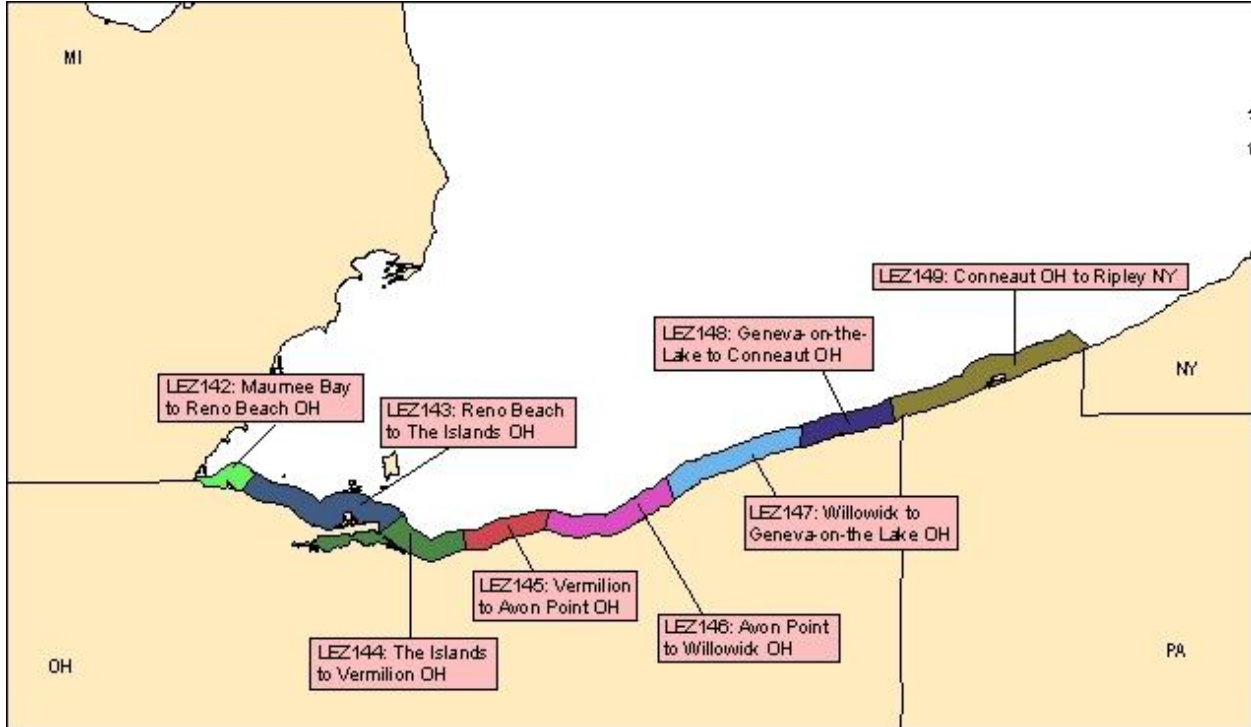
AREA OF RESPONSIBILITY BOUNDARIES

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)



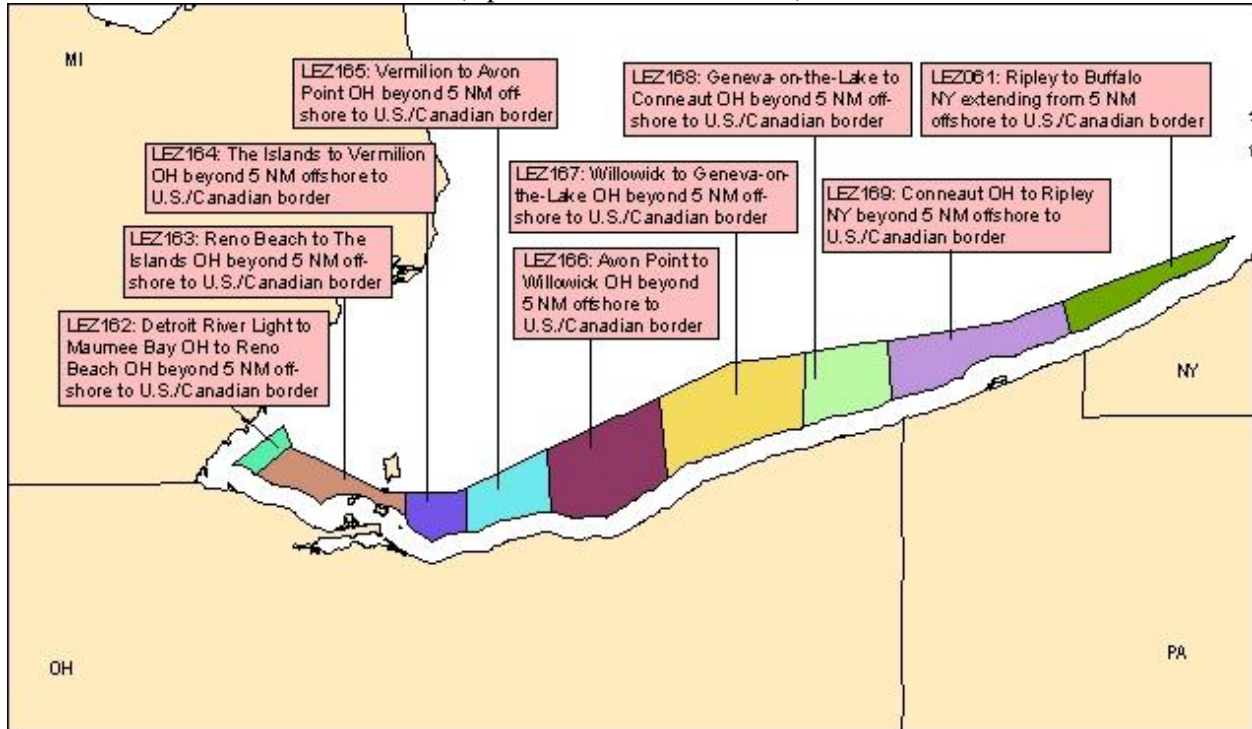
CLEVELAND, OH (CLE)

AREA OF RESPONSIBILITY BOUNDARIES

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

MARINE ZONES FOR WFO CLEVELAND, OH  
(Open Lake Marine Forecast)



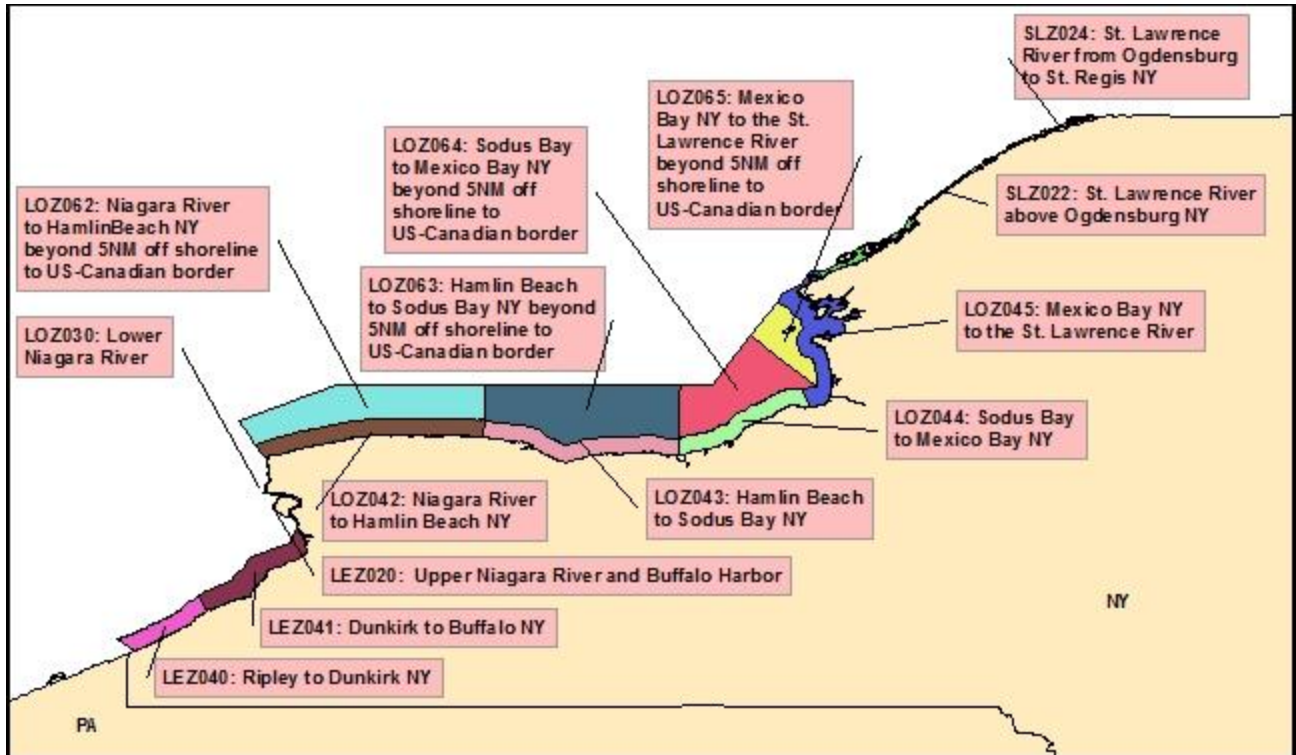
CLEVELAND, OH (CLE)

AREA OF RESPONSIBILITY BOUNDARIES

Lake Erie - MI/OH border to NY/PA border

- 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
- LEZ061 Ripley to Buffalo NY extending from 5 NM offshore to U.S./Canadian border
- LEZ161 Lake Erie MAFOR

MARINE ZONES FOR WFO BUFFALO, NY  
(Hazardous Weather Outlook and Marine Weather Message)



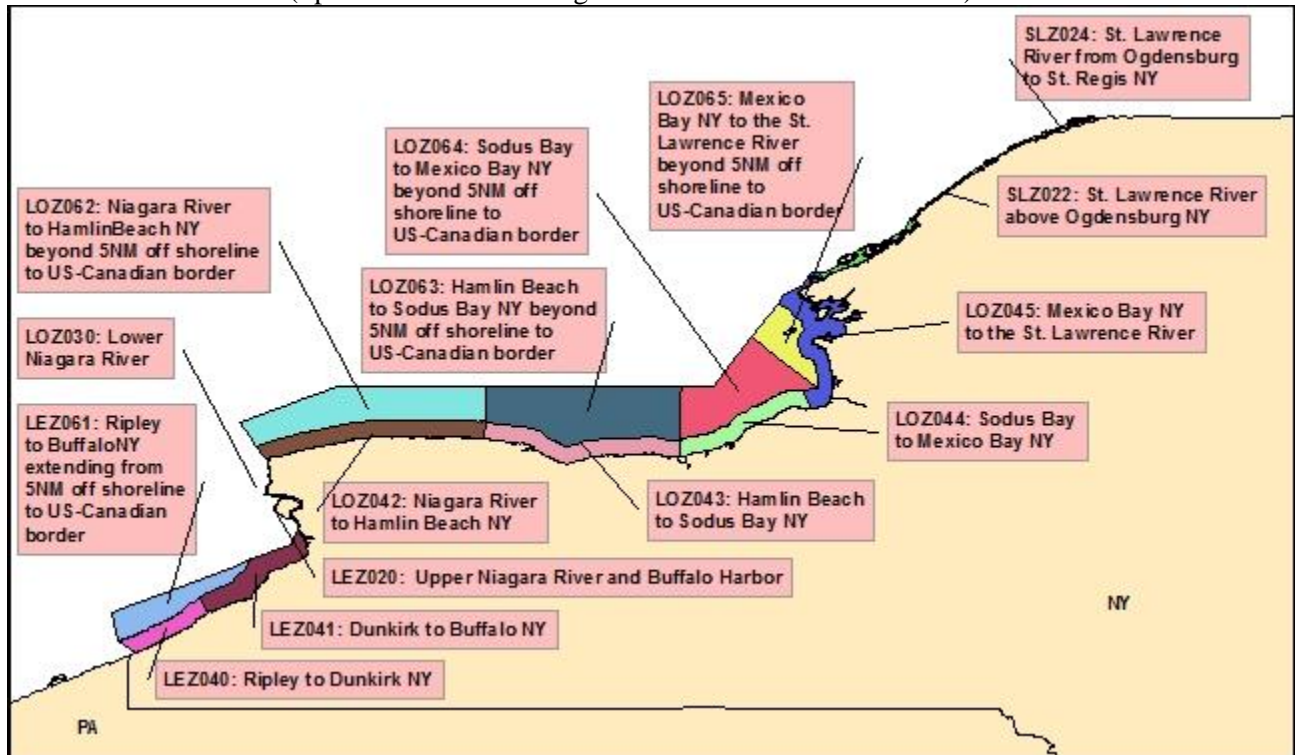
BUFFALO, NY (BUF)

AREA OF RESPONSIBILITY BOUNDARIES

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 Upper Niagara River and Buffalo Harbor
- LOZ030 Lower 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)

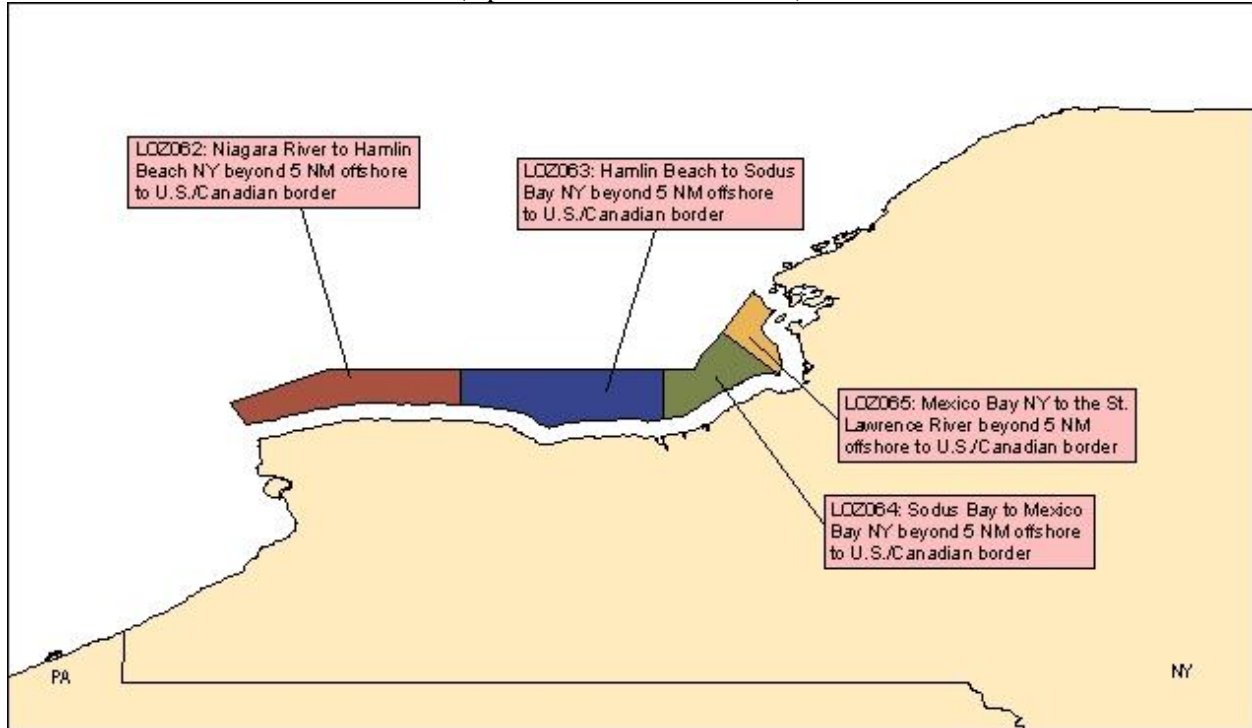
AREA OF RESPONSIBILITY BOUNDARIES

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 Upper Niagara River and Buffalo Harbor
- LOZ030 Lower 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  
(Open Lake Marine Forecast)



BUFFALO, NY (BUF)

AREA OF RESPONSIBILITY BOUNDARIES

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

<u>Issuing Office</u>	<u>Official Area of Responsibility</u>	<u>Warning and Forecast Headings</u>	<u>UGC</u>	<u>Area ID</u>
NCEP/ OPC	Waters of the West Atlantic Ocean adjacent to the U.S. southwest of the Hague Line and north of 31N and between the Coastal Waters Forecast and 250 NM off shore	New England Continental Shelf and Slope Waters from 25 NM Offshore to The Hague Line...except to 1000 fathoms S of New England.		
		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			

<p>Waters of the Eastern Pacific Ocean adjacent to the contiguous U.S. between 60 NM and 250 NM from shore</p>	<p>Washington and Oregon waters from 60 NM to 250 NM off shore:</p>	<p>Synopsis for Washington and Oregon Waters. Cape Flattery to Cape Lookout. Cape Lookout to Point St. George.</p>	<p>PZZ080  PZZ081 PZZ082</p>	<p>PZ5</p>
	<p>California waters from 60 NM to 250 NM Offshore:</p>	<p>Synopsis for California Waters Offshore. Point St. George to Point Arena. Point Arena to Point Conception. Point Conception to Guadalupe Island.</p>	<p>PZZ089 PZZ083 PZZ084 PZZ085</p>	<p>PZ6</p>
<p>NHC/TA FB</p>	<p>The Gulf of Mexico outside the Coastal Marine Forecast areas.</p>	<p>Offshore Waters Forecast for Gulf of Mexico: Includes the Flower Gardens National Marine Sanctuary Synopsis for the Gulf of Mexico. NW Gulf including Stetson Bank N Central Gulf including Flower Garden Banks Marine Sanctuary NE Gulf N of 25N E of 87W W Central Gulf from 22N to 26N W of 94W Central Gulf from 22N to 26N between 87W and 94W E Gulf from 22N to 25N E of 87W including Straits of Florida SW Gulf S of 22N W of 94W E Bay of Campeche including Campeche Bank</p>	<p>GMZ001 GMZ011 GMZ013  GMZ015 GMZ017  GMZ019  GMZ021  GMZ023 GMZ025</p>	<p>NT4</p>
	<p>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</p>	<p>Synopsis for SW Atlantic including the Bahamas Atlantic from 27N to 31N west of 77W Atlantic from 27N to 31N between 70W and 77W Atlantic from 27N to 31N between 65W and 70W Bahamas including the Cay Sal Bank Atlantic from 22N to 27N E of Bahamas to 70W Atlantic from 22N to 27N between</p>	<p>AMZ101  AMZ111 AMZ113  AMZ115  AMZ117 AMZ119  AMZ121</p>	<p>NT3</p>

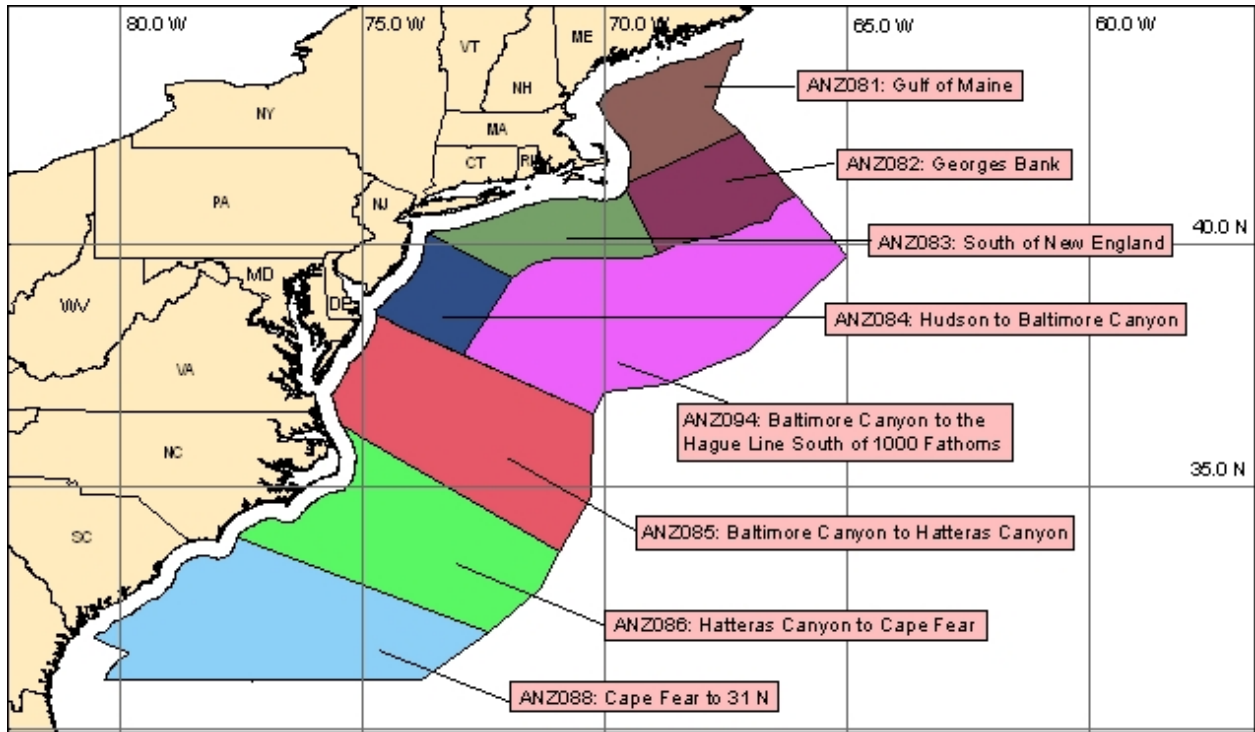


NWSI 10-302 AUGUST 9, 2012

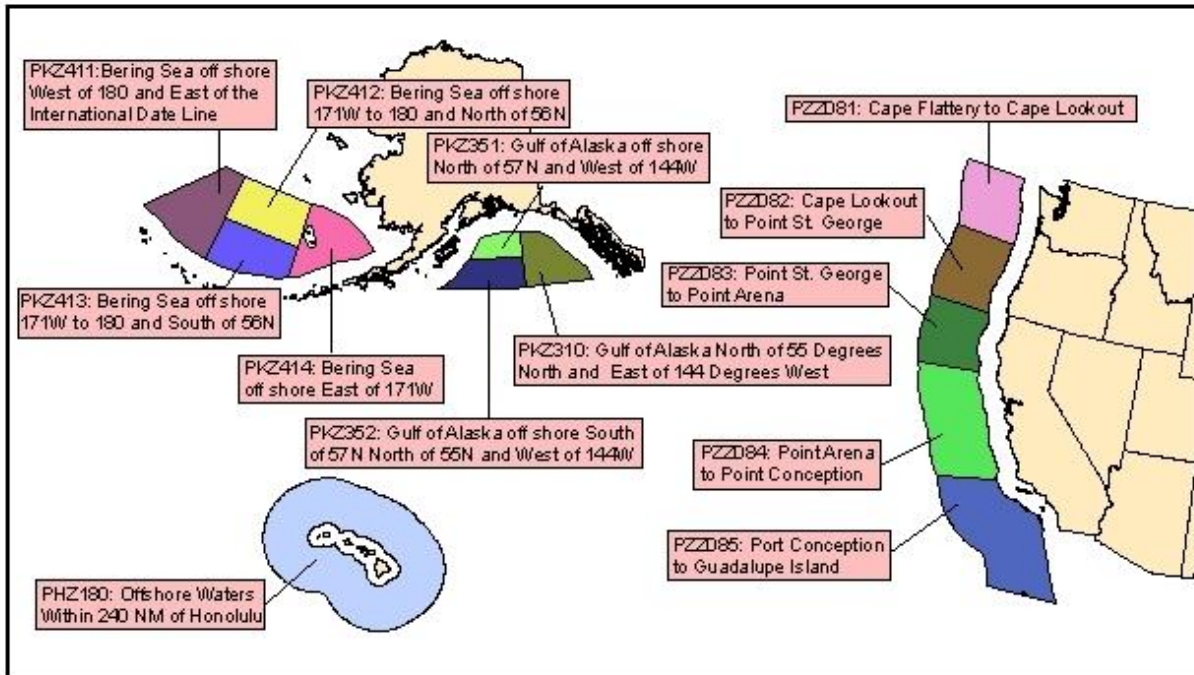
65W and 70W		
Atlantic S of 22N W of 70W including approaches to the Windward Passage		AMZ123
Atlantic S of 22N between 65W and 70W including Puerto Rico Trench		AMZ125
Atlantic from 19N to 22N between 55W and 65W		AMZ127
Synopsis for Caribbean Sea and Tropical N Atlantic from 07N to 22N between 55W and 65W		AMZ001
Caribbean N of 18N W of 85W including Yucatan Basin		AMZ011
Caribbean N of 18N between 76W and 85W including Cayman Basin		AMZ013
Caribbean approaches to the Windward Passage		AMZ015
Gulf of Honduras		AMZ017
Caribbean from 15N to 18N between 80W and 85W		AMZ019
Caribbean from 15N to 18N between 72W and 80W		AMZ021
Caribbean N of 15N between 64W and 72W		AMZ023
Offshore waters Leeward Islands		AMZ025
Tropical N Atlantic from 15N to 19N between 55W and 60W		AMZ027
W Central Caribbean from 11N to 15N W of 80W		AMZ029
Caribbean from 11N to 15N between 72W and 80W including Colombia Basin		AMZ031
Caribbean S of 15N between 64W and 72W including Venezuela Basin		AMZ033
Offshore waters Windward Islands including Trinidad and Tobago		AMZ035
Tropical N Atlantic from 7N to 15N between 55W and 60W		AMZ037
Southwest Caribbean S of 11N including the approaches to Panama Canal		AMZ039

WFO	The Gulf of Alaska	Gulf of Alaska Offshore Waters Forecast:	AFC
AFC	north of 55 degrees		
	North and west of 144	Synopsis for the western Gulf of Alaska	PKZ399
	degrees West	Gulf of Alaska offshore north of 57 N and west of 144 W	PKZ351
		Gulf of Alaska offshore south of 57 N north of 55 degrees N and west of 144 degrees W	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 Bering Sea offshore west of 180 and east of the International Date Line Bering Sea offshore 171 W to 180 and north of 56 N Bering Sea offshore 171 W to 180 and south of 56N Bering Sea offshore east of 171 W	PKZ499 AFC PKZ411  PKZ412 PKZ413 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 the eastern Gulf of Alaska Gulf of Alaska north of 55 degrees North and east of 144 degrees West	PKZ398 AJK 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 Hawaiian Offshore Waters	PHZ105 HFO PHZ180

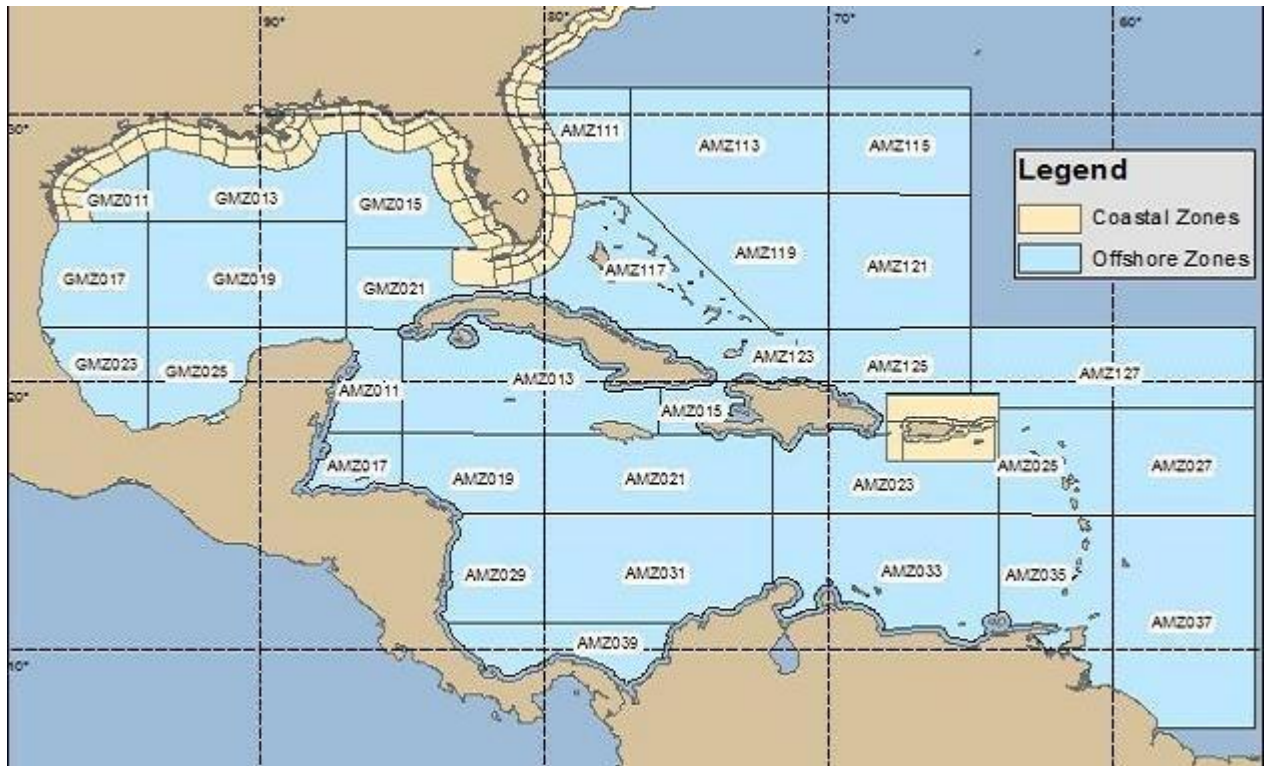


North Atlantic



Alaska, Hawaii and Pacific

Southwest North Atlantic, Gulf of Mexico, and Caribbean



4. NAVTEX Forecast Areas of Responsibility

<u>Issuing Office</u>	<u>Geographic Heading</u>	<u>Prod. ID</u>	<u>WMO Header</u>	<u>Product Coverage (out to 200 NM)</u>	<u>NAVTEX Transmitter</u>
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
NHC/TAFB	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

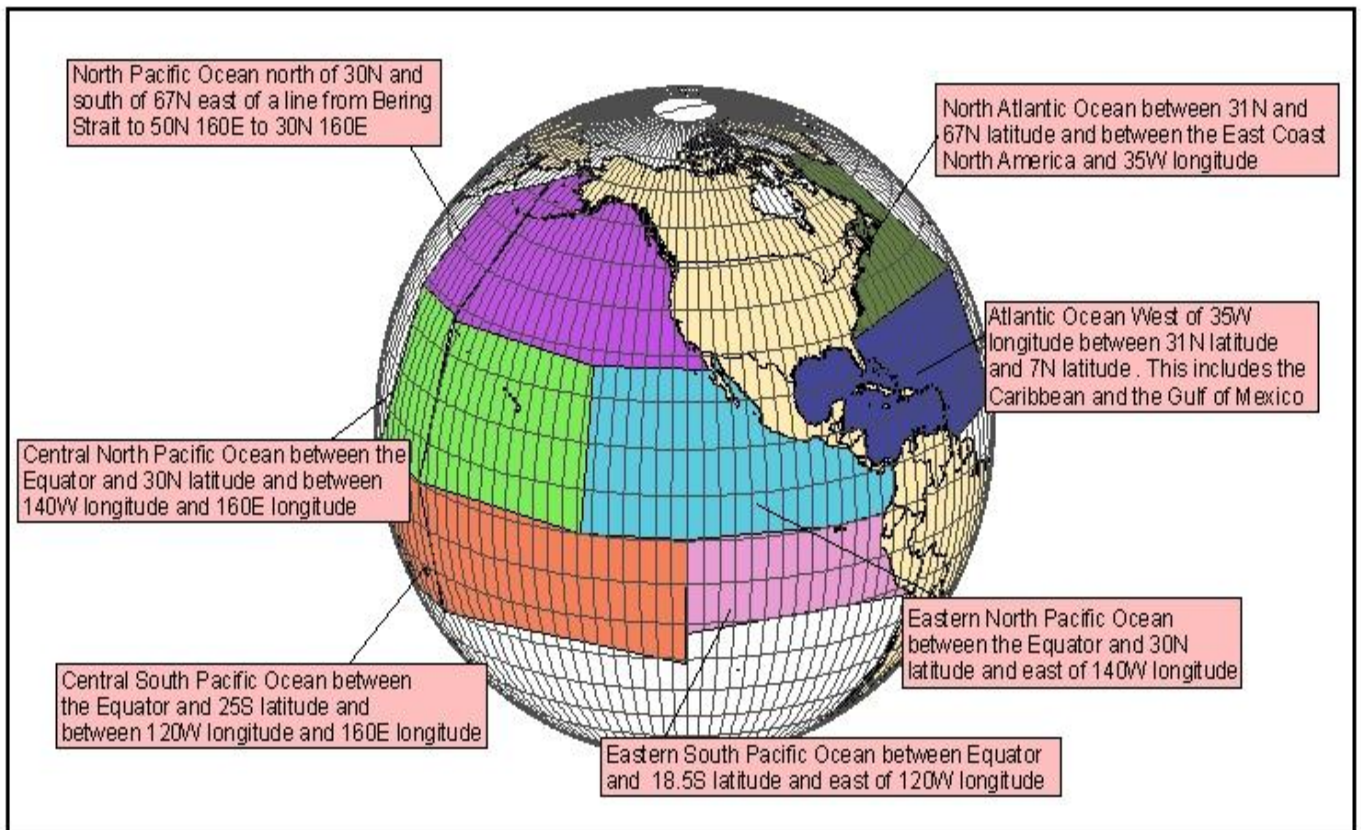
4. NAVTEX Forecast Areas of Responsibility

<u>Issuing Office</u>	<u>Geographic Heading</u>	<u>Prod. ID</u>	<u>WMO Header</u>	<u>Product Coverage</u>	<u>NAVTEX Transmitter</u>
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.

<u>Issuing Office</u>	<u>Area</u>
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
NHC/TAFB	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





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

<u>Numeric</u>	<u>Alpha</u>	<u>Abbreviated Name of Marine Area</u> <u>Full Name of Marine Area</u>
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

<u>Numeric</u>	<u>Alpha</u>	<u>Abbreviated Name of Marine Area</u> <u>Full Name of Marine Area</u>
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.

<u>OFFICE</u>	<u>INCLUSION</u>
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
NHC/TAFB	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.