



A Community Conversation about Storm Preparedness

Tuesday September 10, 2019

6 pm

Truro Community Center

Schedule

- 6:00 pm Sign in, Meet & Greet with refreshments and ALERTruro sign up
- 6:15 pm Welcome
- 6:20 pm Truro Emergency Management Team Presenters
- 6:35 pm County Presenters
- 6:55 pm Community preparations & resources
- 7:00 pm General Community Questions & Discussion
- 7:25 pm Closing Remarks
ALERTruro & Neighborhood Captain sign ups

Forum Goals

- Provide planning and preparedness information to the community
- Start a community conversation about how we prepare and respond to storm emergencies locally
- Answer community questions
- Link participants to local initiatives (ALERTruro, Neighborhood Captains, Elders of Concern list, Town & County resources)
- Hear about lessons learned from storms in our region
- Identify Next Steps

Be Prepared



Truro's Emergency Management Team

- Interdepartmental team of Town Manager's Office and department heads/ supervisors (Introductions)
- Overview
- In times of weather-related emergencies, our team focuses our resources on three (3) key areas:
 - *Planning* for the event (i.e. pre-event meeting—coordinating with other departments and agencies, determining staffing needs, identifying/securing resources and equipment);
 - *Responding* to emergencies and call requests during the event;
 - *Reviewing* our response to constantly seek ways to improve our services (i.e. after-action reports).
- Initiatives



Department: Fire/ Rescue

- Emergency Management Director (point of contact for outside resources) and communicate out to Emergency Management Team and to public
- Coordinates staging of Eversource and other resources in area
- Staffing levels
- Review all equipment, prepare building for public use
- Secure scenes of down wires/ trees

Department: Police

Truro Police Department's Role

Since Truro Police is a public safety agency, some of our main priorities will include:

- Protecting our citizens and visitors (i.e. responding to calls, monitoring traffic patterns, closing dangerous areas);
- Maintaining public order as needed (i.e. altering traffic patterns, carrying out evacuations);
- Providing support to other agencies and entities (i.e. traffic control for utility companies, reporting unsafe conditions, conducting well-being checks);
- Anticipating problem areas (i.e. pre-event parking bans).

Department: Police

Truro Department's Role (continued)

- Truro Police has procedures specific to weather events and natural disasters.
- These include those anticipated (i.e. hurricane) or those that with little or no warning (i.e. tornado).
- The procedures enhance our effectiveness and efficiency in helping our residents.
- We generally increase our staffing for weather events. Our goal is to always provide a high level of service to our community.

Department: Public Works

- Prepare five days prior to storm event
- DPW meeting – Determine staff availability
- Asset inventory – Accomplish maintenance as needed
- Stage sensitive areas in advance as needed - Mill Pond Rd, Truro Center Rd, Eagle Neck Creek, Ballston Beach, Longnook Beach, South Pamet Rd.
- 12 operational staff members
- 6 predetermined routes for tree removal with 12 staff members 2 per truck. (without snow)
- 9 staff members for snow events 8 active plows with 2 spare plow trucks and 3 additional staff members will be called in as needed. Sanding only event= 5 staff members.
- Significant assets - 2 front end loaders – 1 skid steer with snow blower, 10 plow trucks, catch basin cleaner, wood chipper, personal lift.

Department: Council on Aging

- Elders of Concern
 - A list of community members that they believe could use assistance during an emergency collected by the Council on Aging. Typical members of this group live alone, have a disability, use oxygen or other special medical equipment. You can be added to this list by contacting the Truro Council on Aging at (508)413-9508. Once on this list the Truro Council of Aging or a member of Truro Public Safety will contact these individuals prior to an emergency to ensure they are properly prepared and after an emergency to ensure they are ok.
- Transportation Assistance
 - If needed, the Council on Aging will help clients arrange rides to shelters in advance of storms and other times it is safe to travel.

Be Prepared

Expert Perspective: Hurricane Season 2019

Frank O'Laughlin, Meteorologist



Hurricane Season New England 2019



2018 Season Recap



2019 Tropical Names

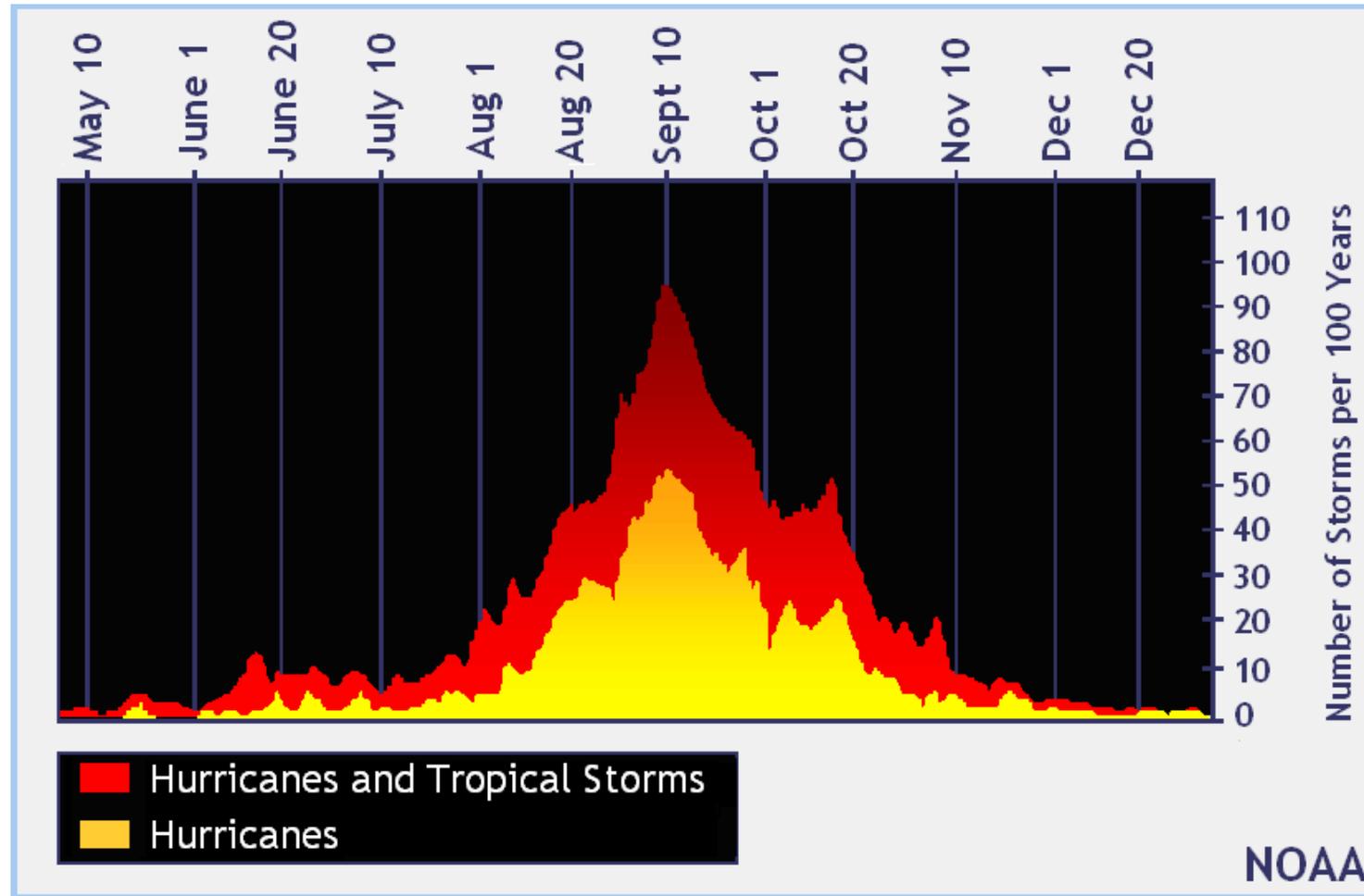


Seasonal Forecasts

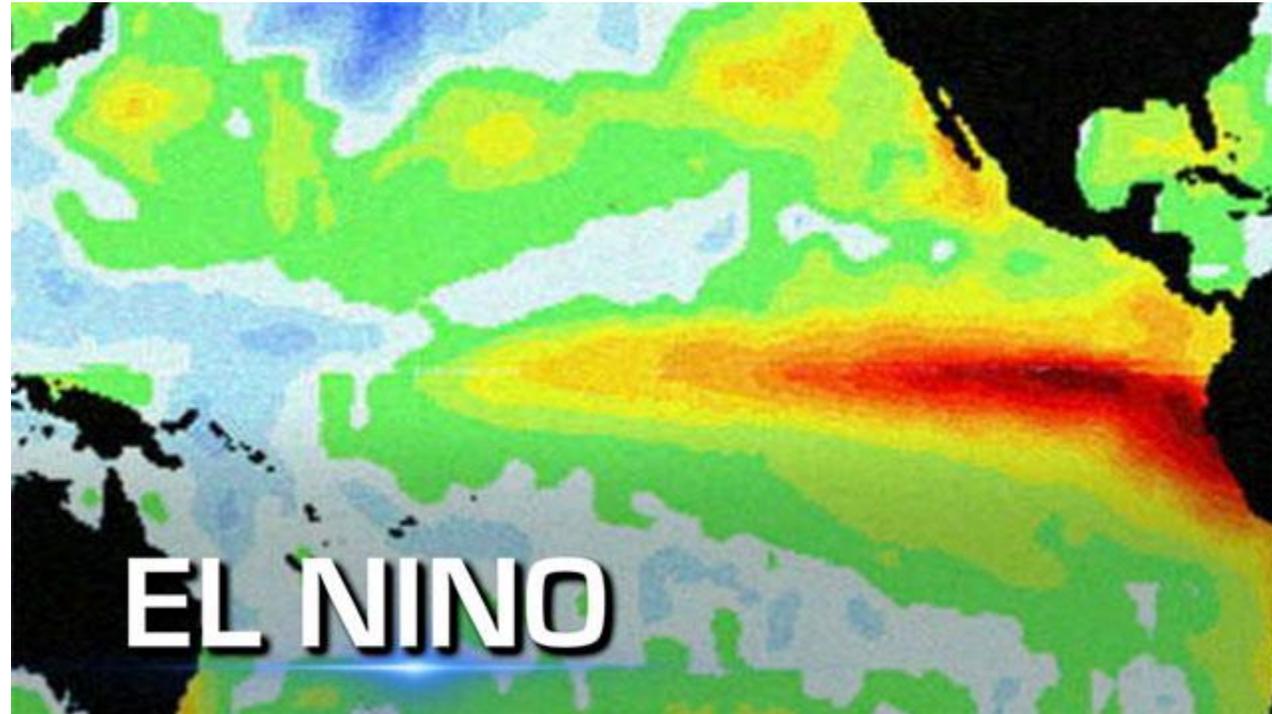
2019 FORECAST AS OF 5 AUGUST 2019		
Forecast Parameter	CSU* Forecast	1981-2010 Average
Named Storms (NS)	14	12.1
Named Storm Days (NSD)	55	59.4
Hurricanes (H)	7	6.4
Hurricane Days (HD)	20	24.2
Major Hurricanes (MH)	2	2.7
Major Hurricane Days (MHD)	5	6.2
Accumulated Cyclone Energy (ACE)	105	106
Net Tropical Cyclone Activity (NTC)	110	116

***Forecast numbers include Andrea and Barry**

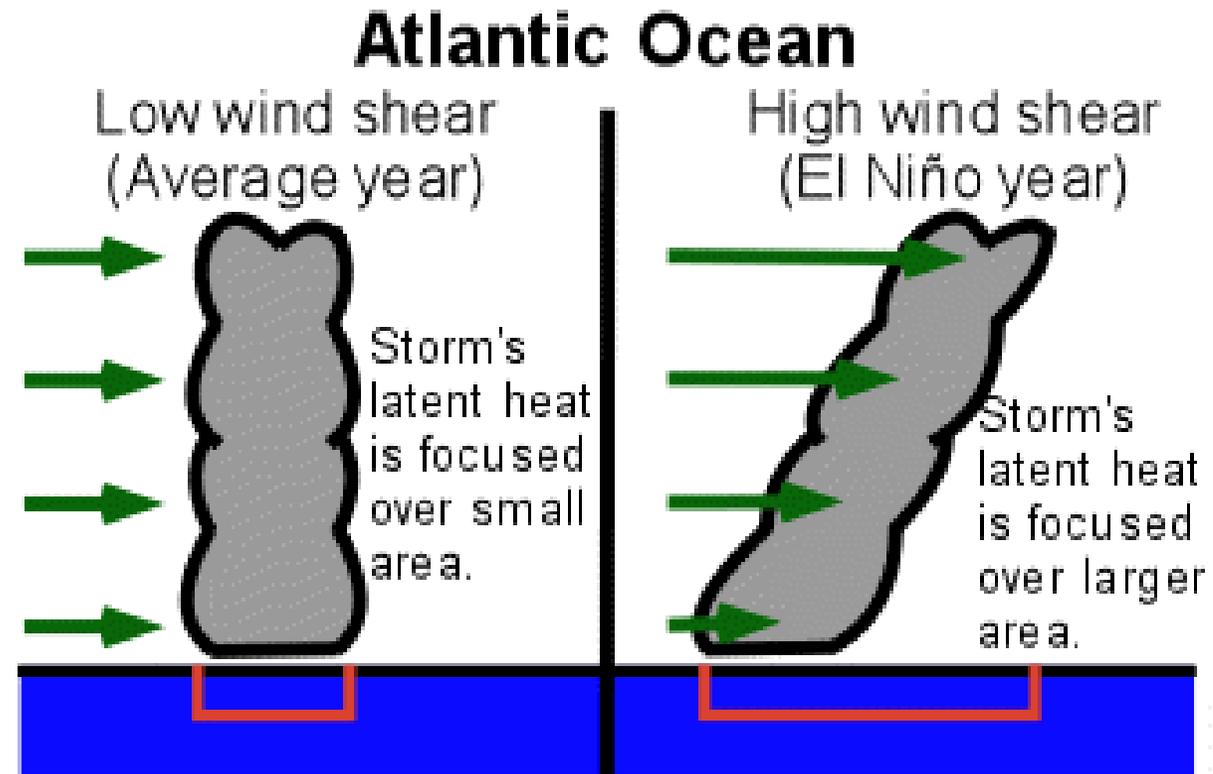
Hurricane season peak



El Nino

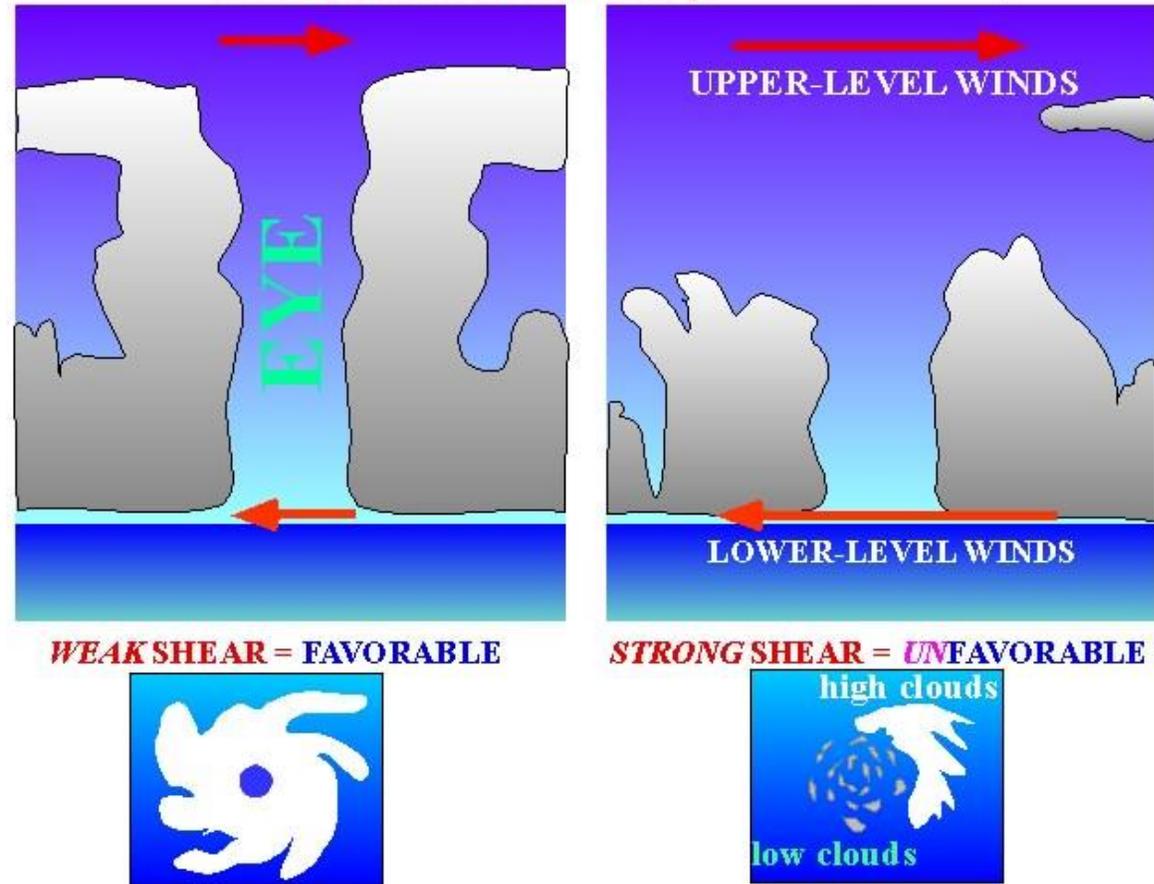


El Nino 2

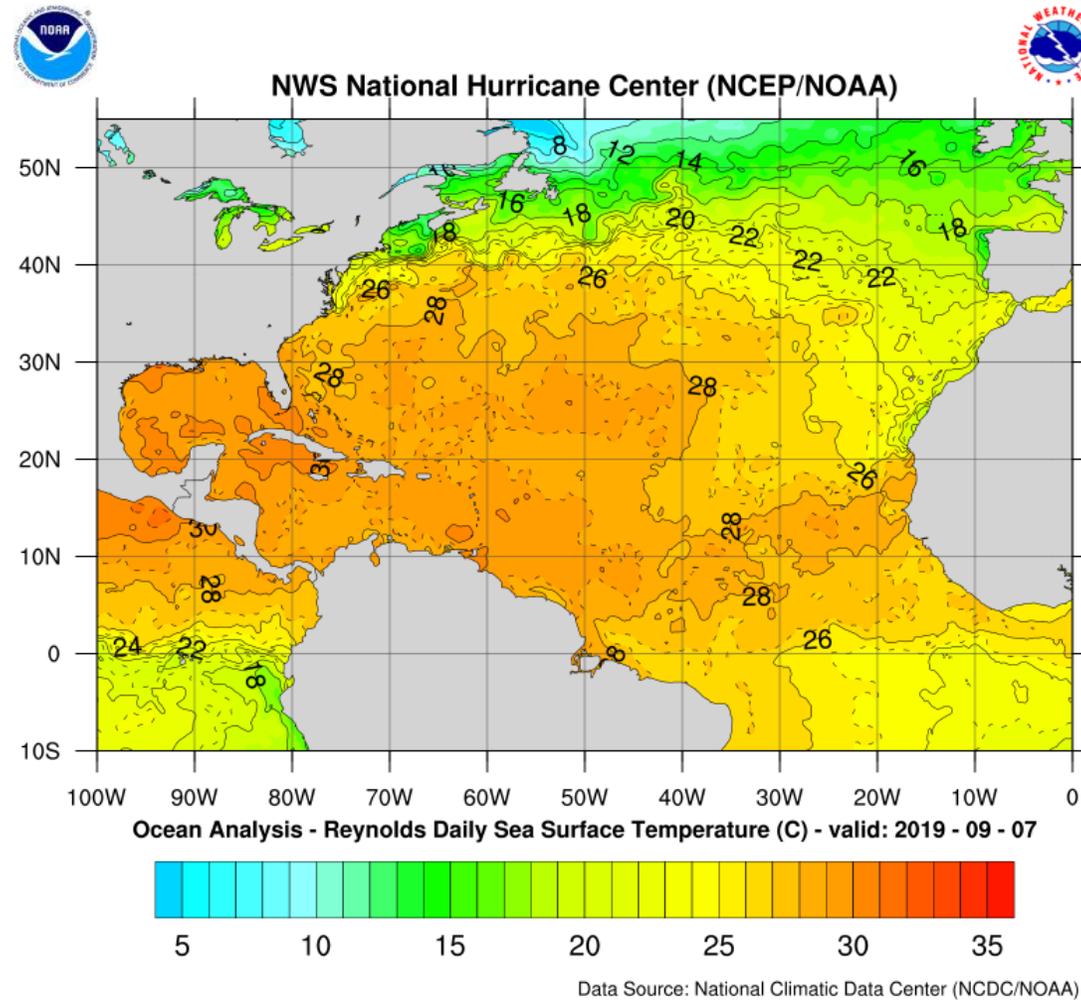


El Nino 3

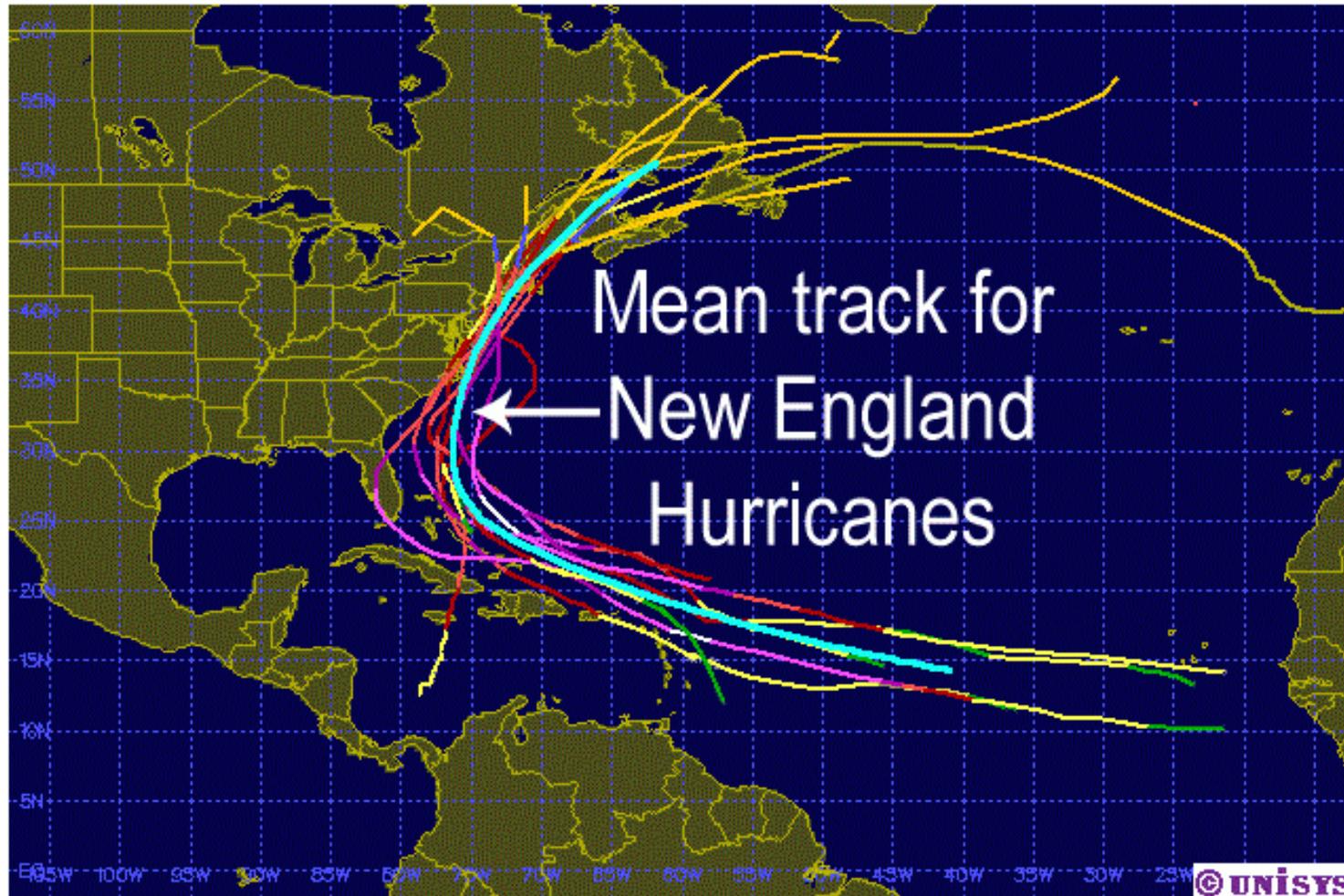
Effects of Vertical Wind Shear (V_z) on Tropical Cyclones



Sea surface temperatures June 2019



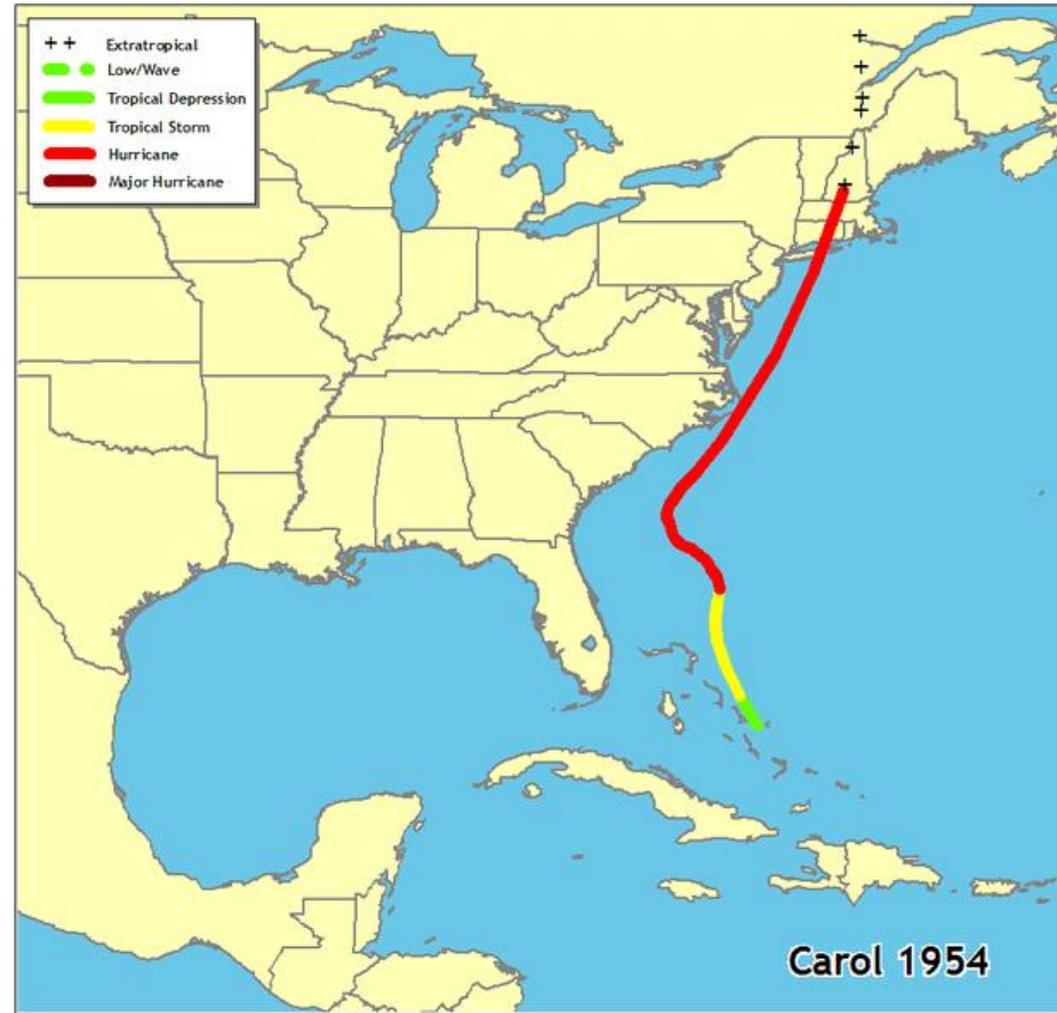
Tropical Cyclone Tracks



New England Hurricane 1938



Hurricane Carol 1954



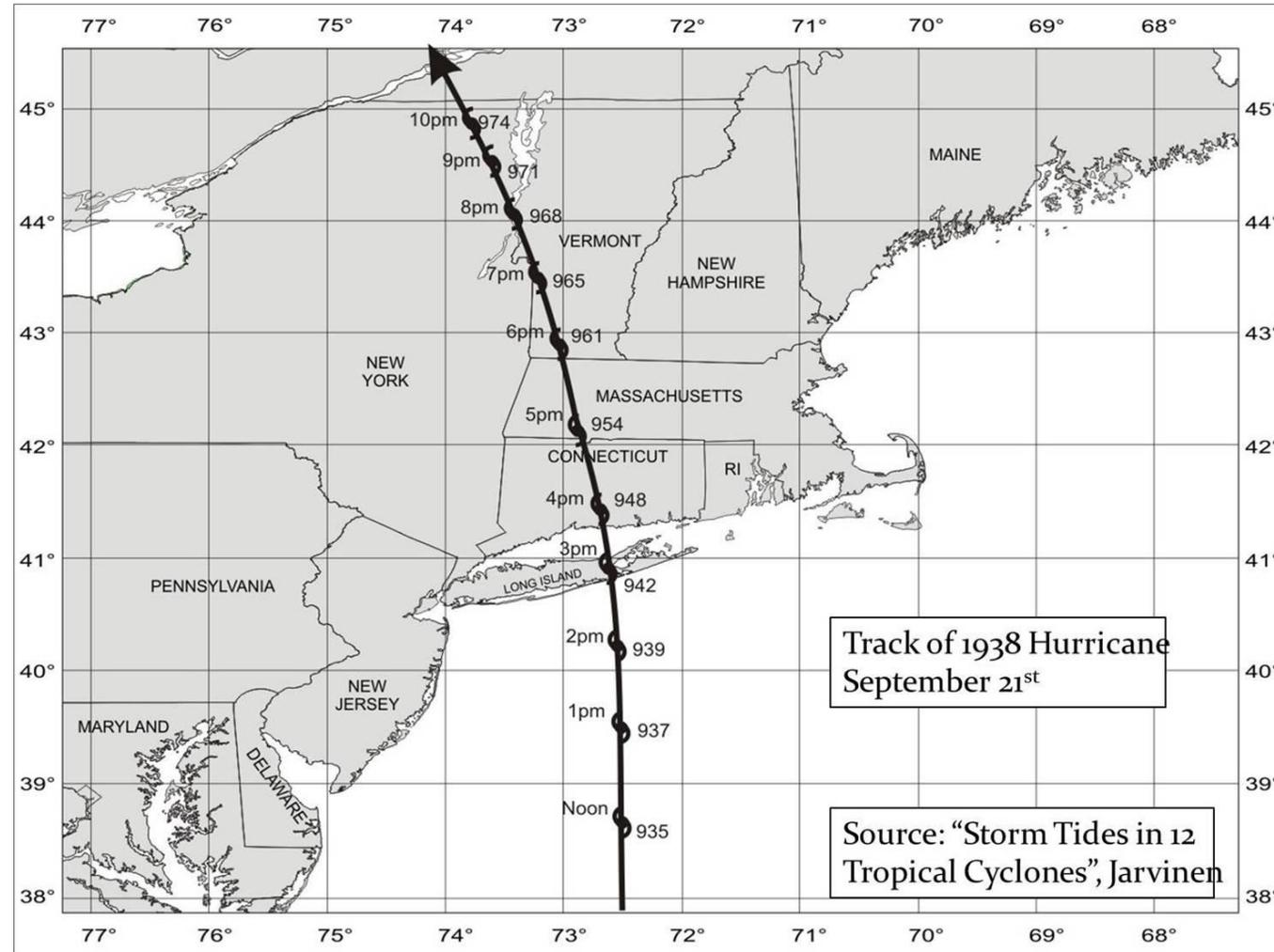
Hurricane Bob 1991



Transition from tropical to extratropical

EXTRATROPICAL	TROPICAL
-FUELED BY TEMPERATURE CONTRAST	-FUELED BY OCEAN HEAT
-NOT SYMMETRICAL	-SYMMETRICAL
-SPREAD OUT STRUCTURE	-MORE COMPACT STRUCTURE

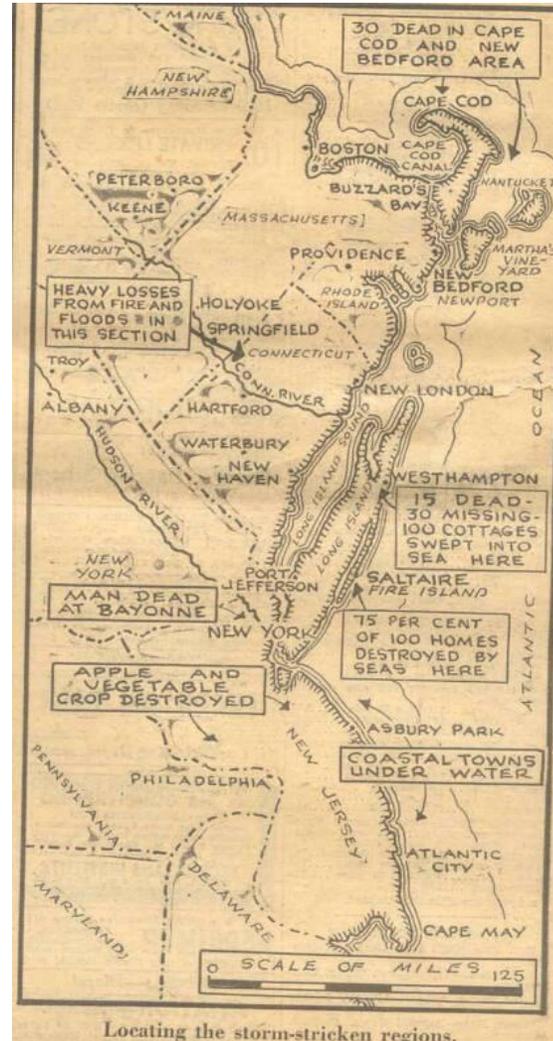
1938 Hurricane



1938 Hurricane III



1938 Hurricane IV



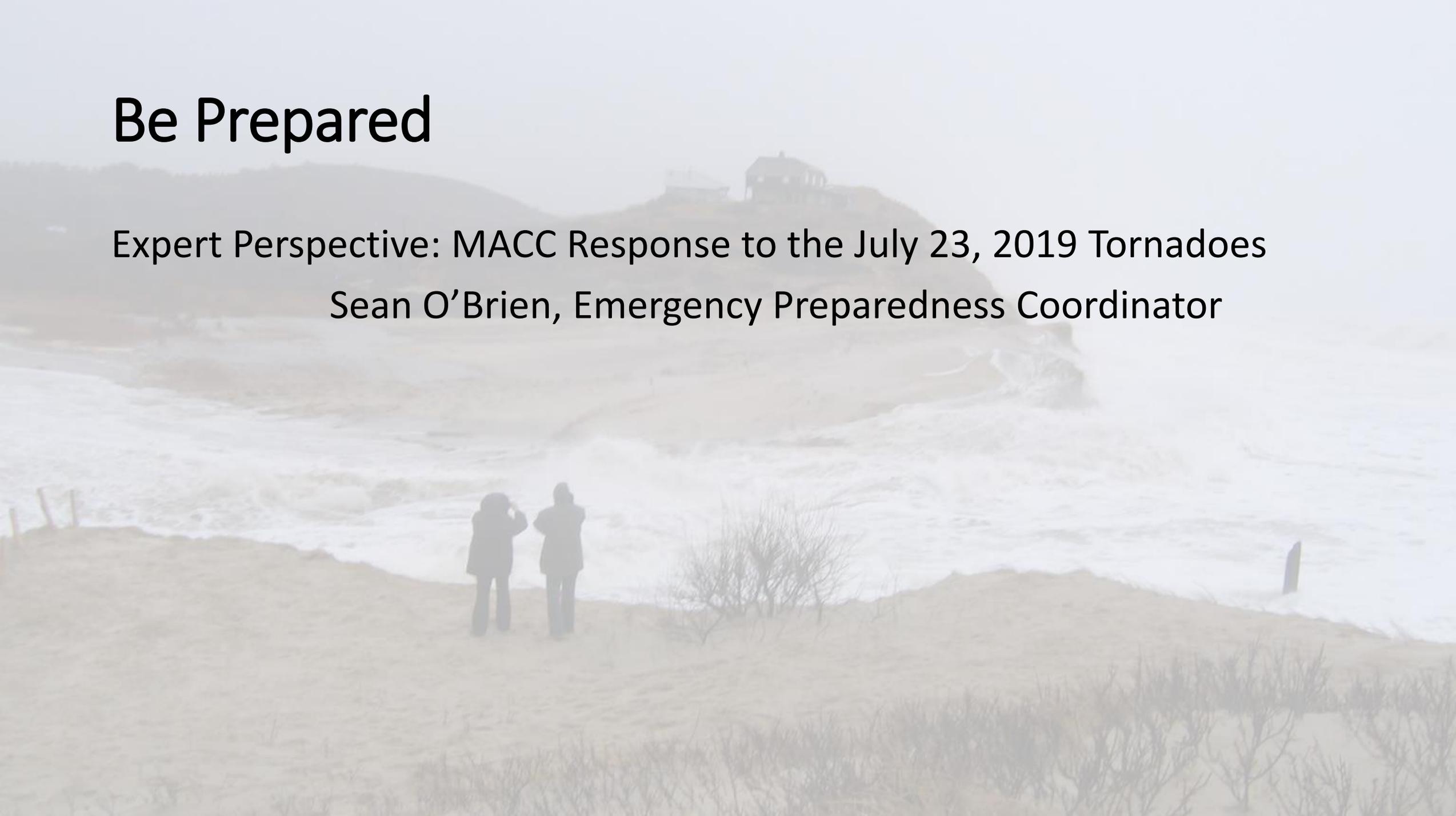
Last headline and *Warning*

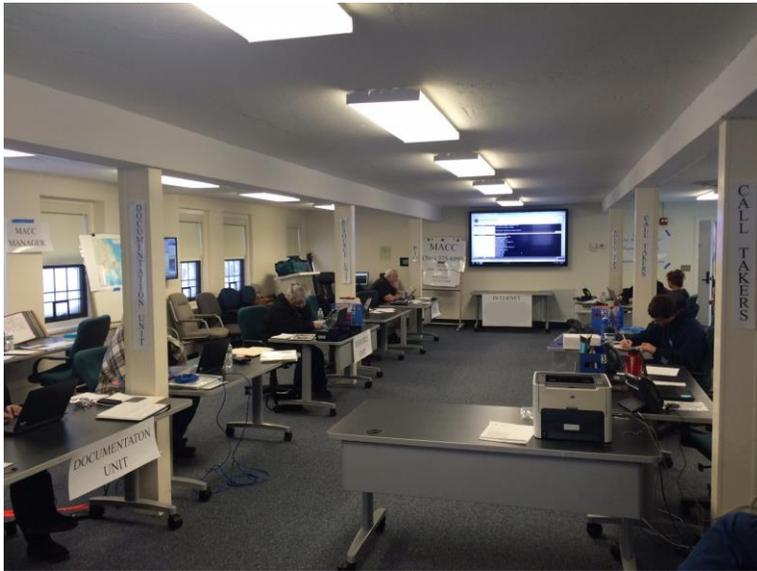


Be Prepared

Expert Perspective: MACC Response to the July 23, 2019 Tornadoes

Sean O'Brien, Emergency Preparedness Coordinator





BCREPC
BARNSTABLE COUNTY
REGIONAL EMERGENCY PLANNING COMMITTEE



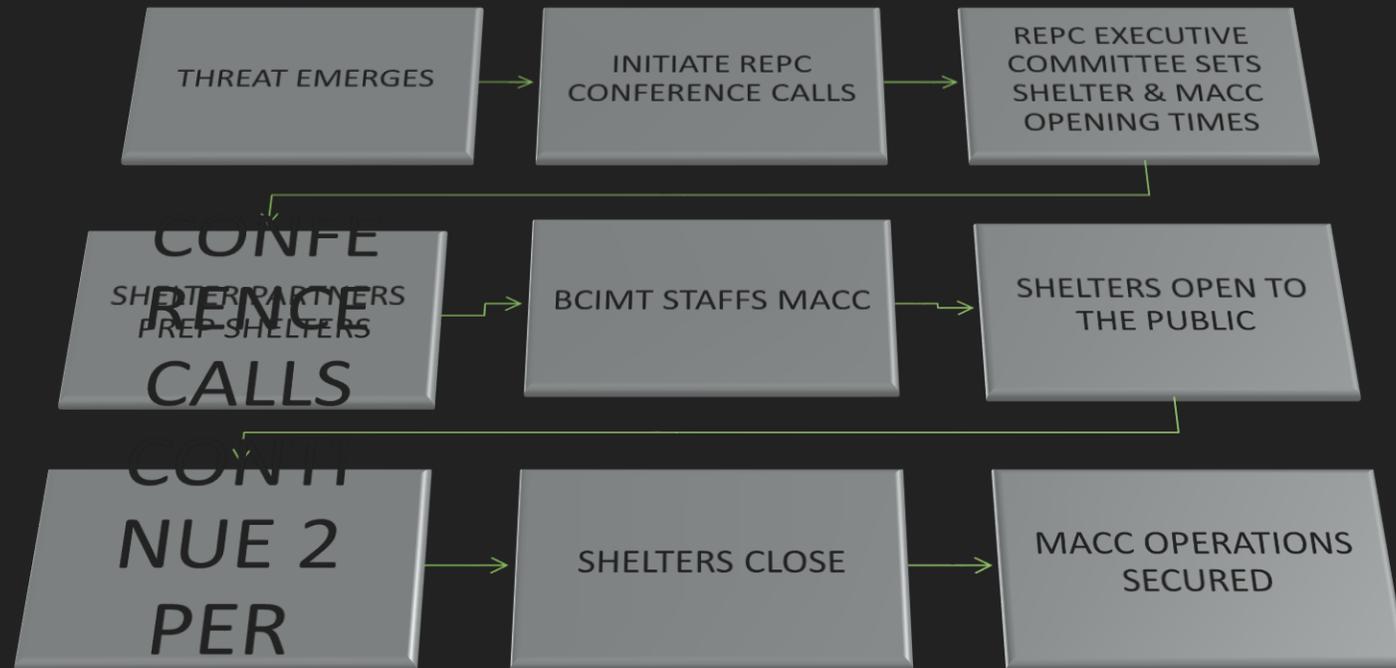
- **TRURO BOARD OF SELECTMAN MEETING 9/10/19**
- **CAPE COD TORNADOES**
- **HURRICANE AND TORNADO SAFETY**

WEATHER PREPAREDNESS

- ▶ **BCREPC ASSISTS THE 15 COMMUNITIES ON CAPE COD WITH A REGIONAL APPROACH TO PLANNING FOR WEATHER RELATED EMERGENCIES.**
- ▶ **THE TOWNS PROVIDE THE RESPONSE TO THEIR CITIZENS DURING THE EMERGENCY EVENT, BCREPC SUPPORTS THEIR EFFORTS THROUGH PROVIDING THEM WITH THE FOLLOWING SERVICES:**
 - ▶ **REGIONAL SHELTERING**
 - ▶ **SINGLE REGIONAL POINT FOR RESOURCE REQUESTS**
 - ▶ **REGIONAL SITUATIONAL AWARENESS**
 - ▶ **POWER RESTORATION**
- ▶ **WE HAVE NOT HAD A HURRICANE AFFECT THE REGION IN OVER 25 YEARS BUT WE HAVE HAD QUITE A BIT OF EXPERIENCE WITH RESPONSE TO WINTER STORMS.**



OPERATIONS TIMELINE FOR THE REPC DURING LARGE SCALE EVENT



MULTI-AGENCY COORDINATION CENTER

OPERATED AND MANAGED BY THE BC IMT

**COORDINATES REGIONAL RESOURCE
ACQUISITION AND SHARES INFORMATION**

**WORKS WITH THE FOLLOWING ENTITIES
DIRECTLY AND INDIRECTLY:**

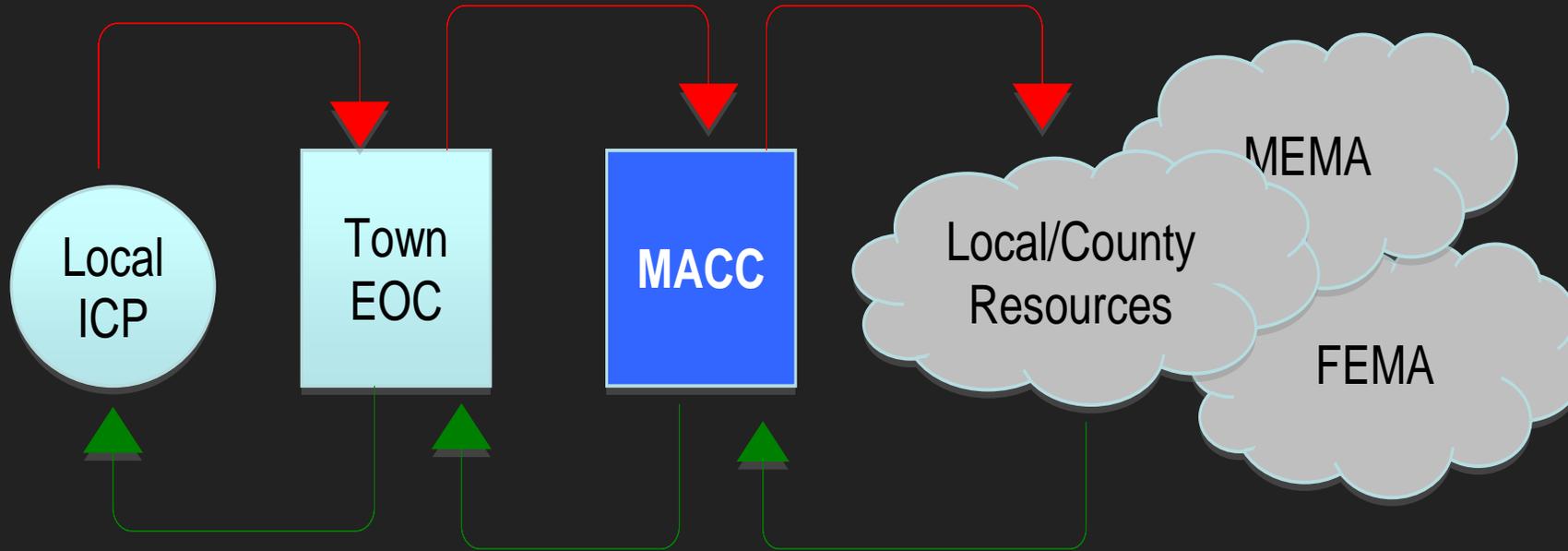
- ▶ **TOWN EOCs**
- ▶ **NEIGHBORING COUNTY EOCs – PLYMOUTH,
DUKES AND NANTUCKET**
- ▶ **PRIVATE ORGANIZATIONS AND AGENCIES**
- ▶ **UTILITIES, HEALTHCARE FACILITIES,
REGIONAL TRANSIT AUTHORITY, RED CROSS,
AND OTHER NGOS**
- ▶ **MEMA / FEMA**
- ▶ **FIRST REGIONAL RESPONSE IN MA.**



BARNSTABLE COUNTY REPC

Local ICP requests resource.

The MACC tries to fill all incoming requests locally before seeking state or Federal assistance



If town can't fill request it goes to the MACC



CAPE COD TORNADOES 7/23

- ▶ On July 23, 2019 3 Tornadoes struck Cape Cod, Towns of Mashpee, Barnstable, Yarmouth Dennis Harwich, Brewster, Chatham
- ▶ Many buildings damaged, 56 K without power, no serious injuries
- ▶ MACC opened within one hour of storm touchdowns. Stayed open for 4 Operational Periods
- ▶ Shelters opened at 7:00 p.m. that evening..

▶ Photo Courtesy of Chatham Police Department



CAPE COD TORNADOES 7/23

- ▶ MACC assisted impacted communities with resource requests.
- ▶ All Utilities Impacted.
- ▶ Assistance from many State, local and regional agencies.
- ▶ Power restoration was 95% completed by Thursday afternoon.
- ▶ Photo Courtesy of Associated Press



TORNADO SAFETY TIPS

- ▶ Tornado Watch
- ▶ Tornado Warning
- ▶ Evacuate to basement of house or center of house if no basement. Have a radio handy.
- ▶ Have a hurricane kit available for a long duration power outages.
- ▶ Know where your shelter is in case you need it.
- ▶ Be careful of downed power lines.

▶ Photo Courtesy of Eversource





BCREPC
BARNSTABLE COUNTY
REGIONAL EMERGENCY PLANNING COMMITTEE



QUESTIONS?

Sean O'Brien

SOBRIEN@BARNSTABLECOUNTY.ORG

Community's Role

- What you can do
 - Communication is important! Information you provide helps us quickly identify safety concerns.
 - Be prepared! This helps to keep you, your family and your community safer.
 - Please promote safety during weather events:
 - Heed official warnings.
 - Notify the police department of possible safety concerns (i.e. wires down, flooding, road obstructions).
 - When in doubt, call! We would rather receive several calls about an unsafe condition instead of none.
- What we need to know from you during an event
- Debrief post-event
- Volunteer to be Neighborhood Captain

NEIGHBORHOOD CAPTAINS NEEDED IN TRURO

EMERGENCY PREPAREDNESS STARTS AT HOME

You can help your neighborhood in an emergency by being a Neighborhood Captain. No special skills or experience needed!

Neighborhood Captains:

- Communicate with neighbors to prepare for an emergency, to alert neighbors to an emergency, and to determine if anyone is in need of assistance.
- Communicate with local officials and first responders to receive and provide information before, during and after an emergency.
- Help identify neighbors that may have useful skills or equipment in the event of an emergency.

Desired Qualifications:

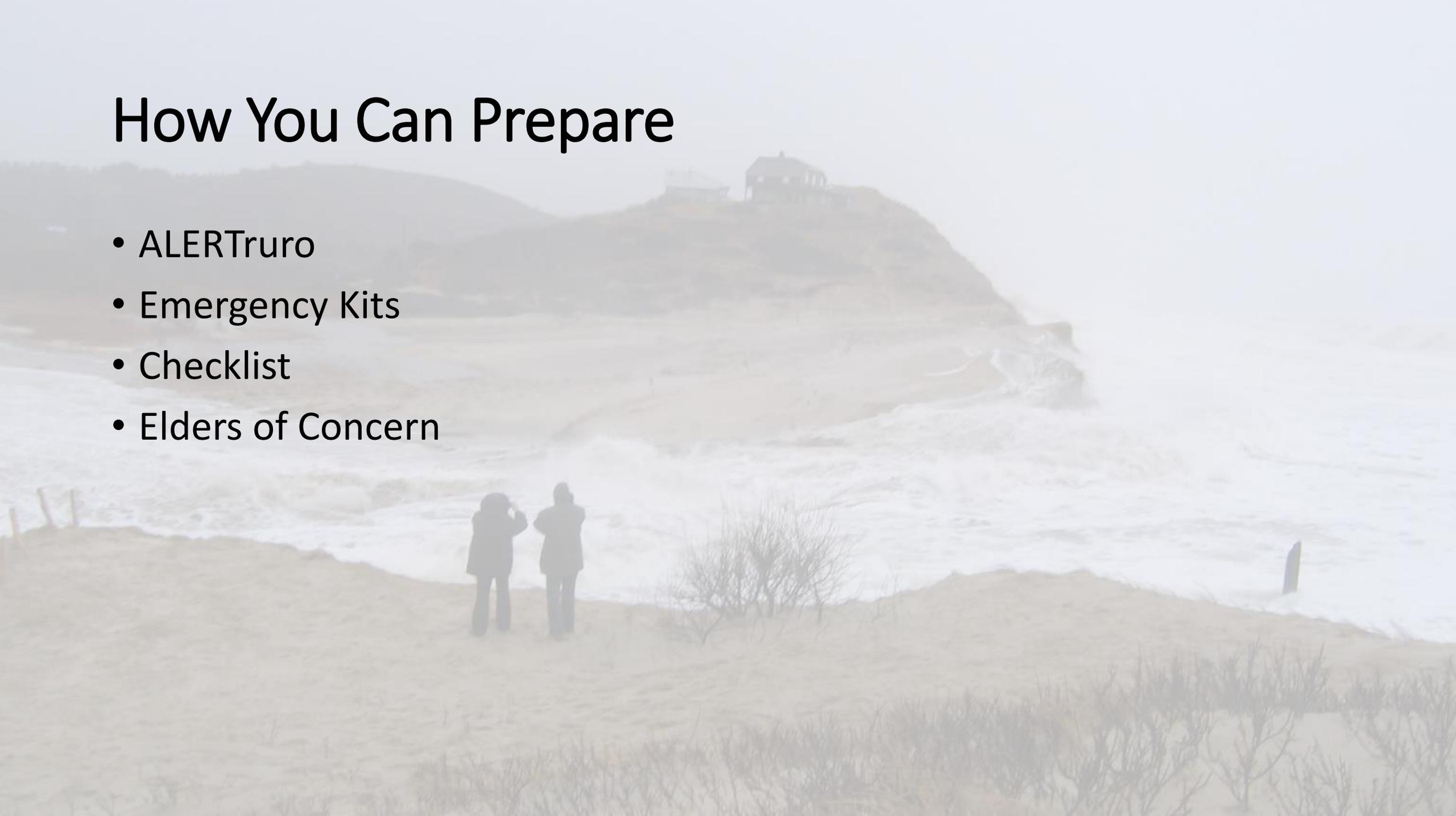
- ⇒ Willingness to help!
- ⇒ Access to somewhat reliable communication.
- ⇒ Spends most of the year in the neighborhood.

To volunteer, please [click here](#)
or call 508-214-0935



How You Can Prepare

- ALERTruro
- Emergency Kits
- Checklist
- Elders of Concern

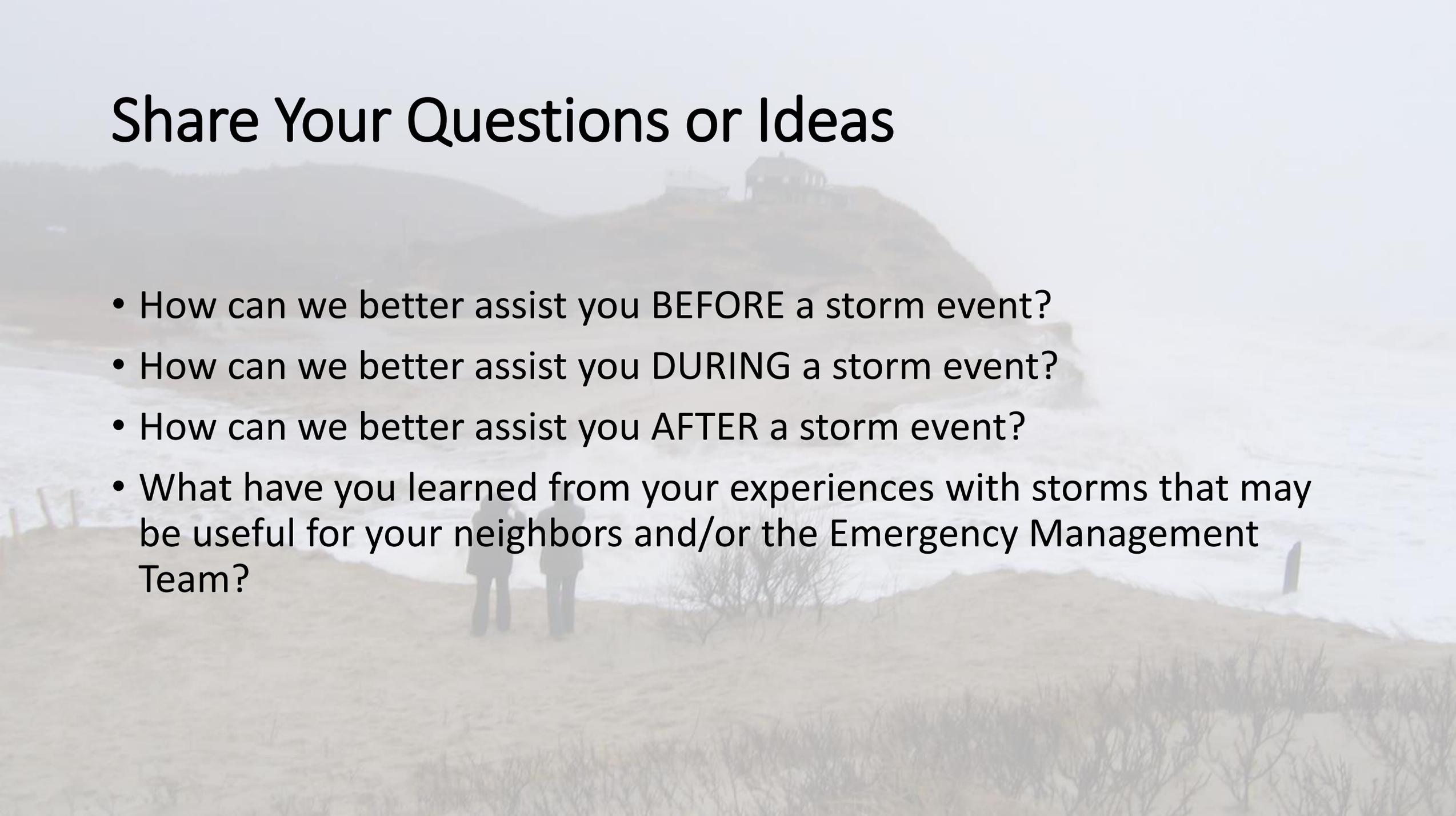


Resources Available to Citizens



- Area Shelters
 - Provincetown
 - Nauset
- Warming/Cooling/Charging Stations
- Transportation

Share Your Questions or Ideas



- How can we better assist you BEFORE a storm event?
- How can we better assist you DURING a storm event?
- How can we better assist you AFTER a storm event?
- What have you learned from your experiences with storms that may be useful for your neighbors and/or the Emergency Management Team?