

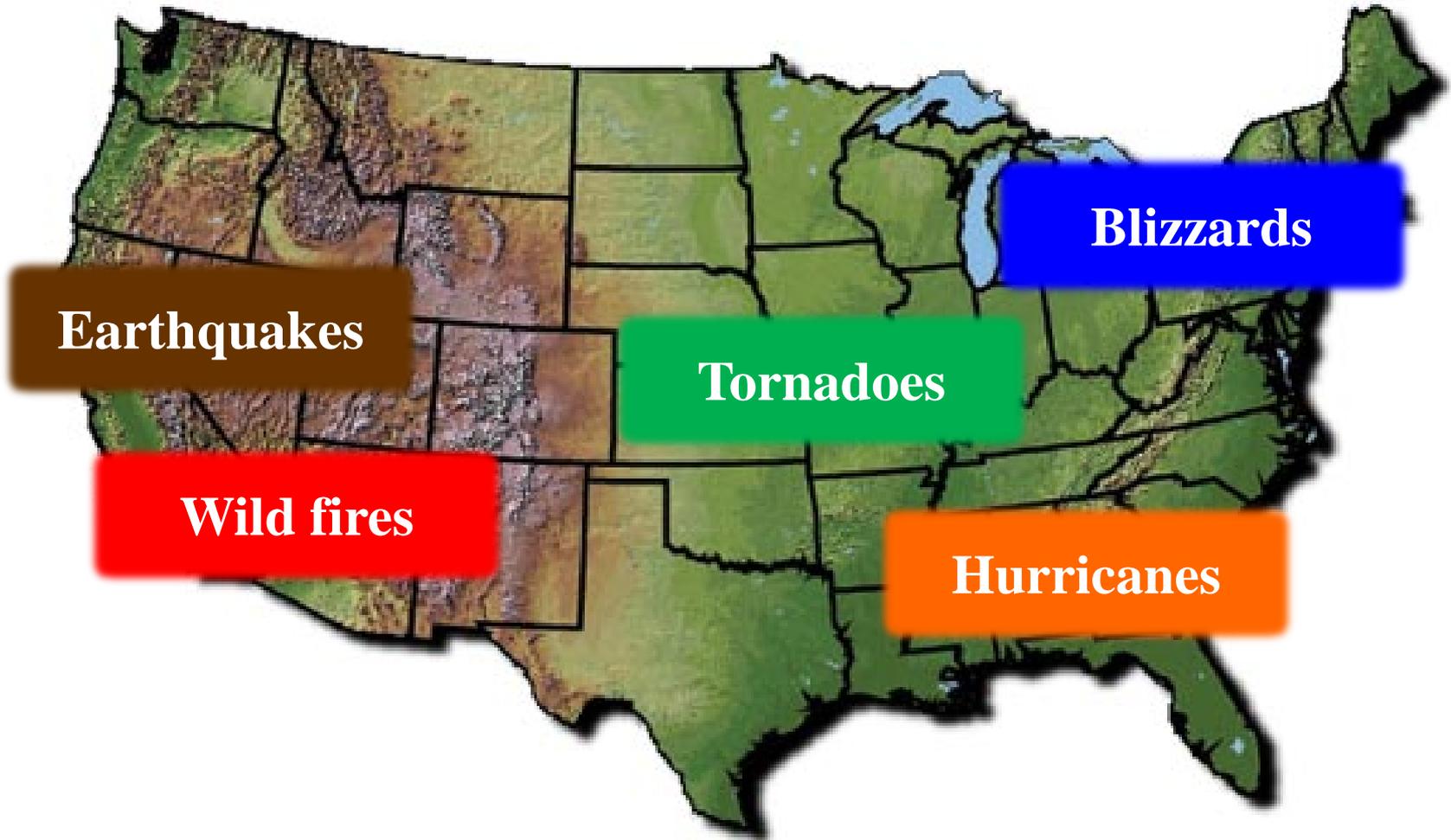


2016 Annual Department/ Tenant Command Hurricane Preparedness

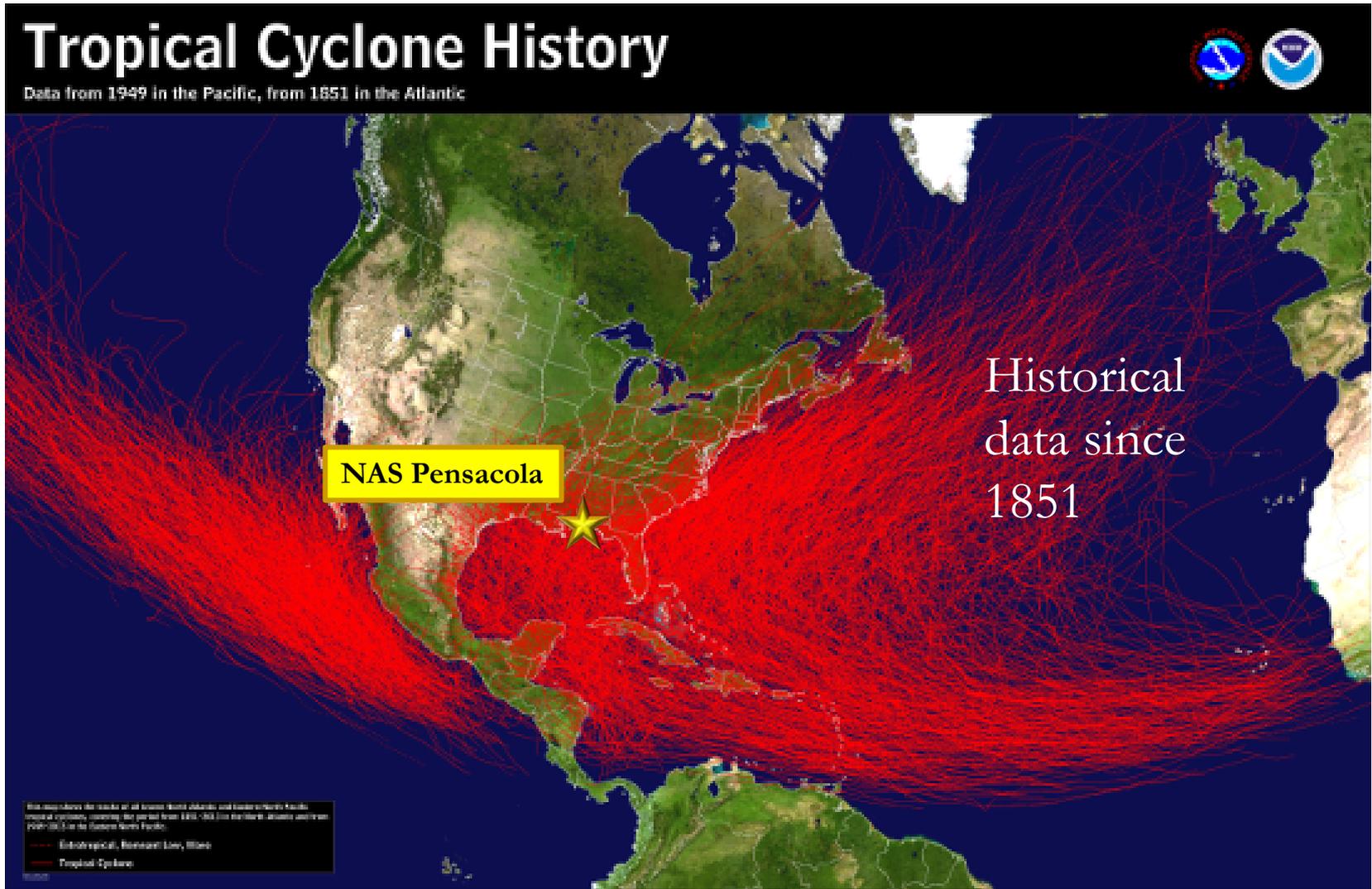
- Welcome
- Navy Tropical Information
- Climo/History
- 2014/15 Season
- 2016 Forecast
- Preparedness

Duncan St - Sep 2004
(looking south from front gate)

Disasters around the Nation



Why are we here?



TC CORs and Sortie Conditions

Hurricane Season: June 1st – November 30th

Set June 1st

Tropical Cyclone Conditions (TCC) of Readiness (ASHORE)

COR 5: Destructive winds of ≥ 50 kts are possible w/in 96 hrs

COR 4: possible w/in 72 hrs

COR 3: possible w/in 48 hrs

COR 2: anticipated w/in 24 hrs

COR 1: anticipated w/in 12 hrs

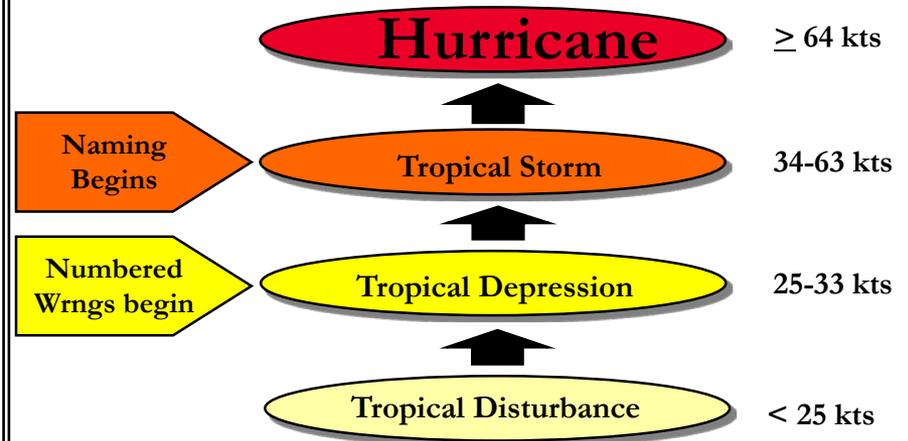
Tropical Season FAQs

Saffir-Simpson Scale

<u>Cat</u>	<u>Wind (kts)</u>	<u>Wind (MPH)</u>	<u>Damage</u>
1	64-82	74-95	Minimal
2	83-95	96-110	Moderate
3	96-112	111-129	Extensive
4	113-136	130-156	Extreme
5	137+	157+	Catastrophic

Cat 3/4/5 systems are “Major hurricanes”

Stages of Development



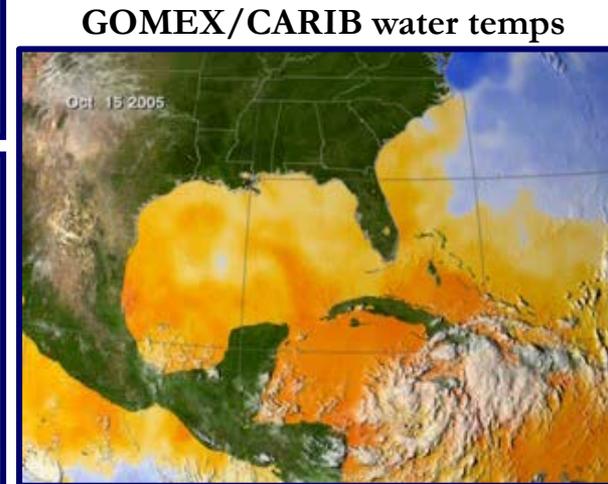
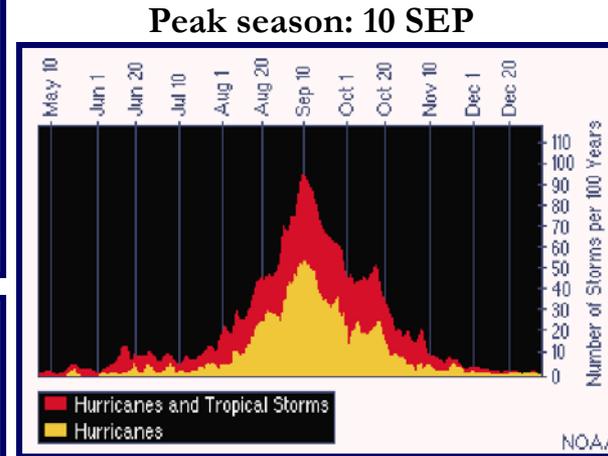
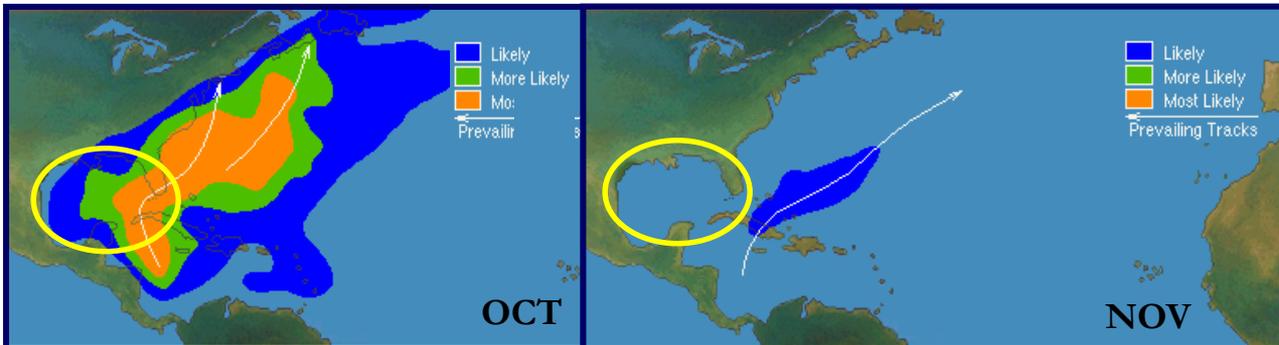
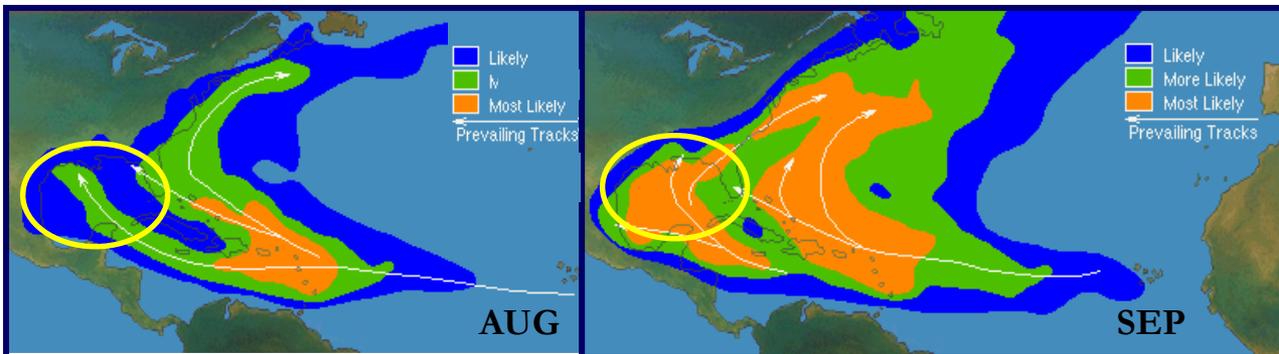
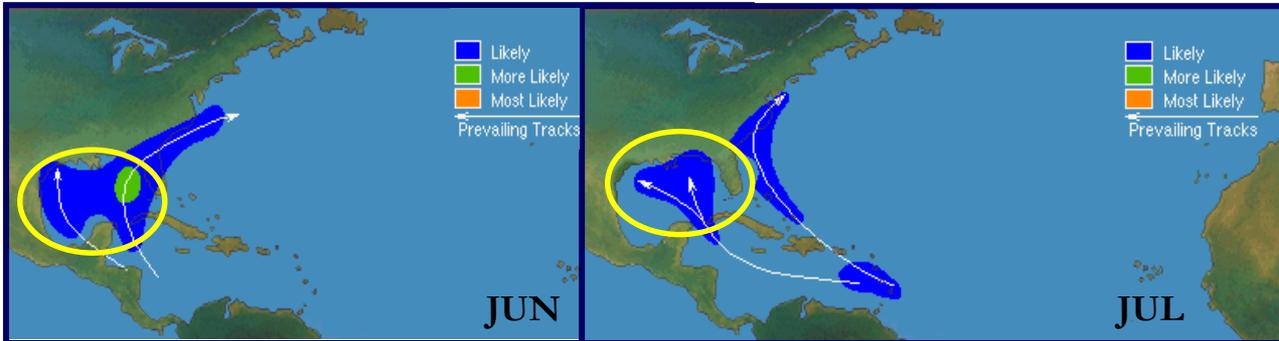
2016 Tropical Cyclone Names

Alex	Hermine	Otto
Bonnie	Ian	Paula
Colin	Julia	Richard
Danielle	Karl	Shary
Earl	Lisa	Tobias
Fiona	Matthew	Virginie
Gaston	Nicole	Walter

Tropical Cyclone Symbols

(Tropical Wave	
L	Low Pressure Center	⊗ Tropical Depression
☞	Tropical Storm	☞ Hurricane

Track Climatology

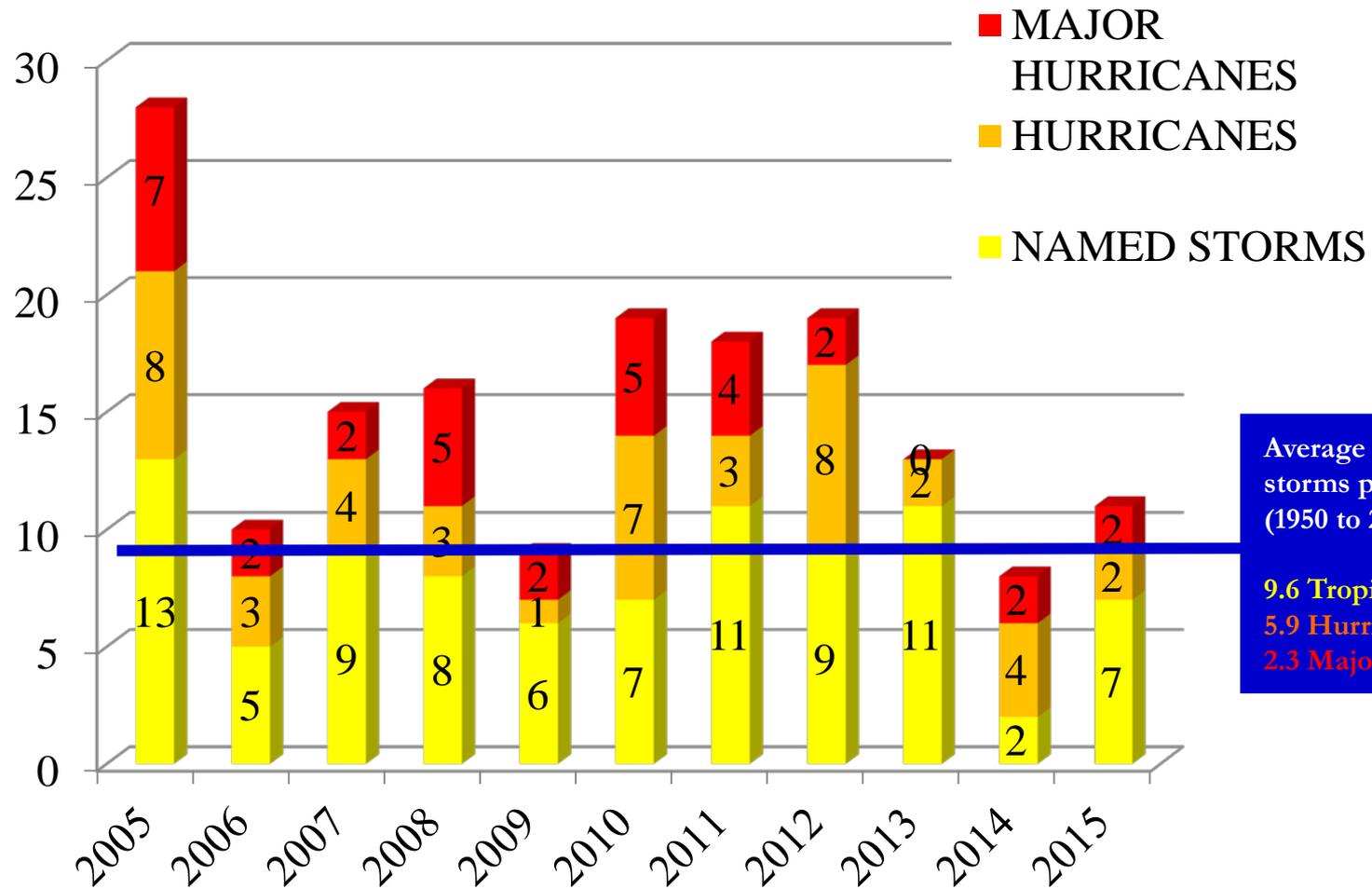


Hurricane strikes 1851-2006 on the mainland U.S. coastline

AREA	CATEGORY NUMBER					ALL	MAJOR HURRICANES
	1	2	3	4	5		
U.S. (Texas to Maine)	110	73	75	18	3	279	96
Texas	23	18	12	7	0	60	19
(North)	12	7	3	4	0	26	7
(Central)	7	5	2	2	0	16	4
(South)	7	7	7	1	0	22	8
Louisiana	18	14	15	4	1	52	20
Mississippi	2	5	8	0	1	16	9
Alabama	16	4	6	0	0	26	6
(Inland only)	6	0	0	0	0	6	0
Florida	43	33	29	6	2	113	37
(Northwest)	26	17	14	0	0	57	14
(Northeast)	12	8	1	0	0	21	1
(Southwest)	18	10	8	4	1	41	13
(Southeast)	13	13	11	3	1	41	15
Georgia	15	5	2	1	0	23	3
(Inland only)	9	0	0	0	0	9	0
South Carolina	18	6	4	2	0	30	6
North Carolina	24	14	11	1	0	50	12
(Inland only)	3	0	0	0	0	3	0
Virginia	7	2	1	0	0	10	1
(Inland only)	2	0	0	0	0	2	0
Maryland	1	1	0	0	0	2	0

Highest in nation

Tropical Cyclone History



Average number of storms per season (1950 to 2000)

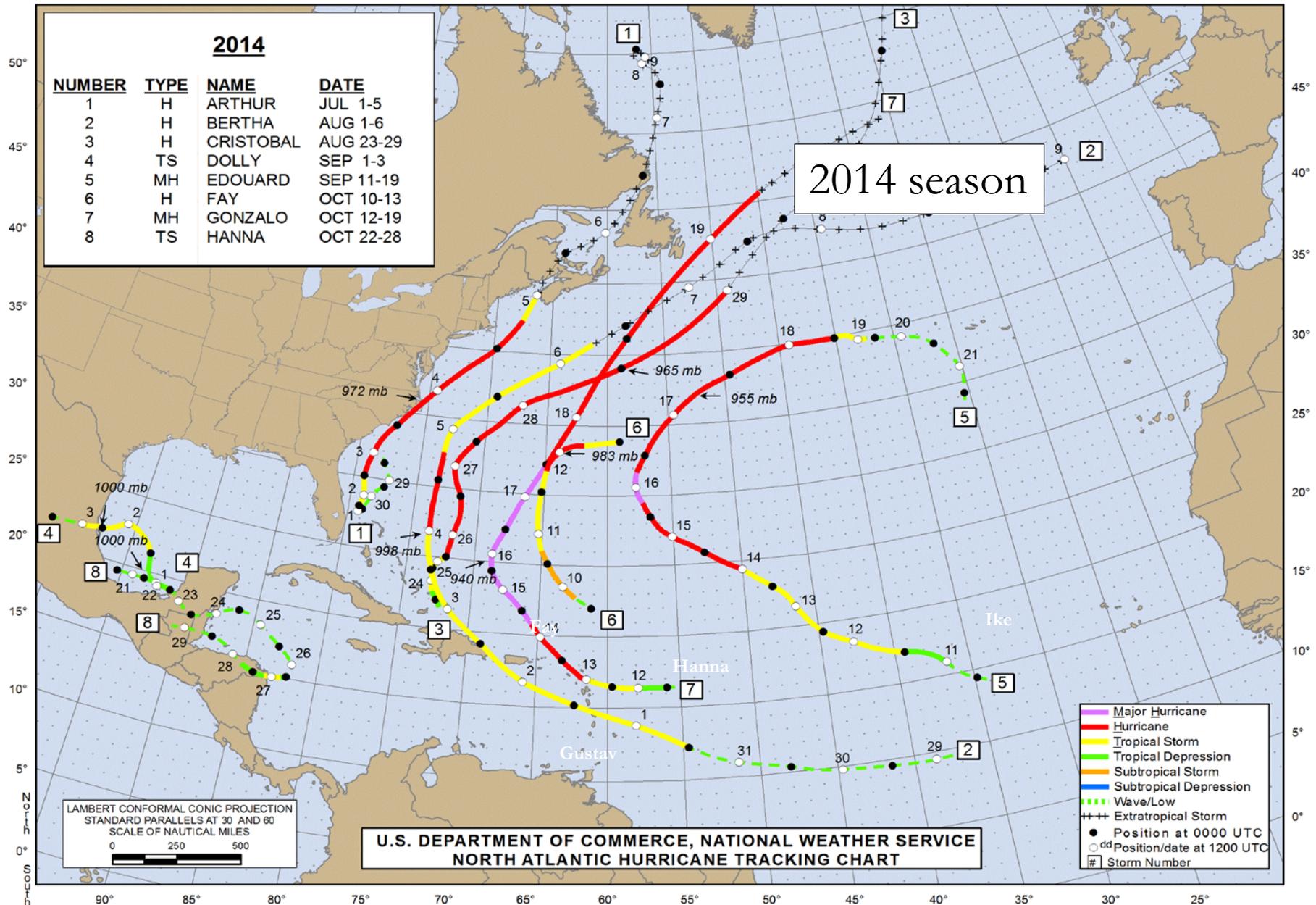
9.6 Tropical Storms
5.9 Hurricanes
2.3 Major Hurricanes

120° 115° 110° 105° 100° 95° 90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35° 30° 25° 20° 15° 10° 5° West 0° East 5° 10°

2014

NUMBER	TYPE	NAME	DATE
1	H	ARTHUR	JUL 1-5
2	H	BERTHA	AUG 1-6
3	H	CRISTOBAL	AUG 23-29
4	TS	DOLLY	SEP 1-3
5	MH	EDOUARD	SEP 11-19
6	H	FAY	OCT 10-13
7	MH	GONZALO	OCT 12-19
8	TS	HANNA	OCT 22-28

2014 season



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30 AND 60
SCALE OF NAUTICAL MILES
0 250 500

U.S. DEPARTMENT OF COMMERCE, NATIONAL WEATHER SERVICE
NORTH ATLANTIC HURRICANE TRACKING CHART

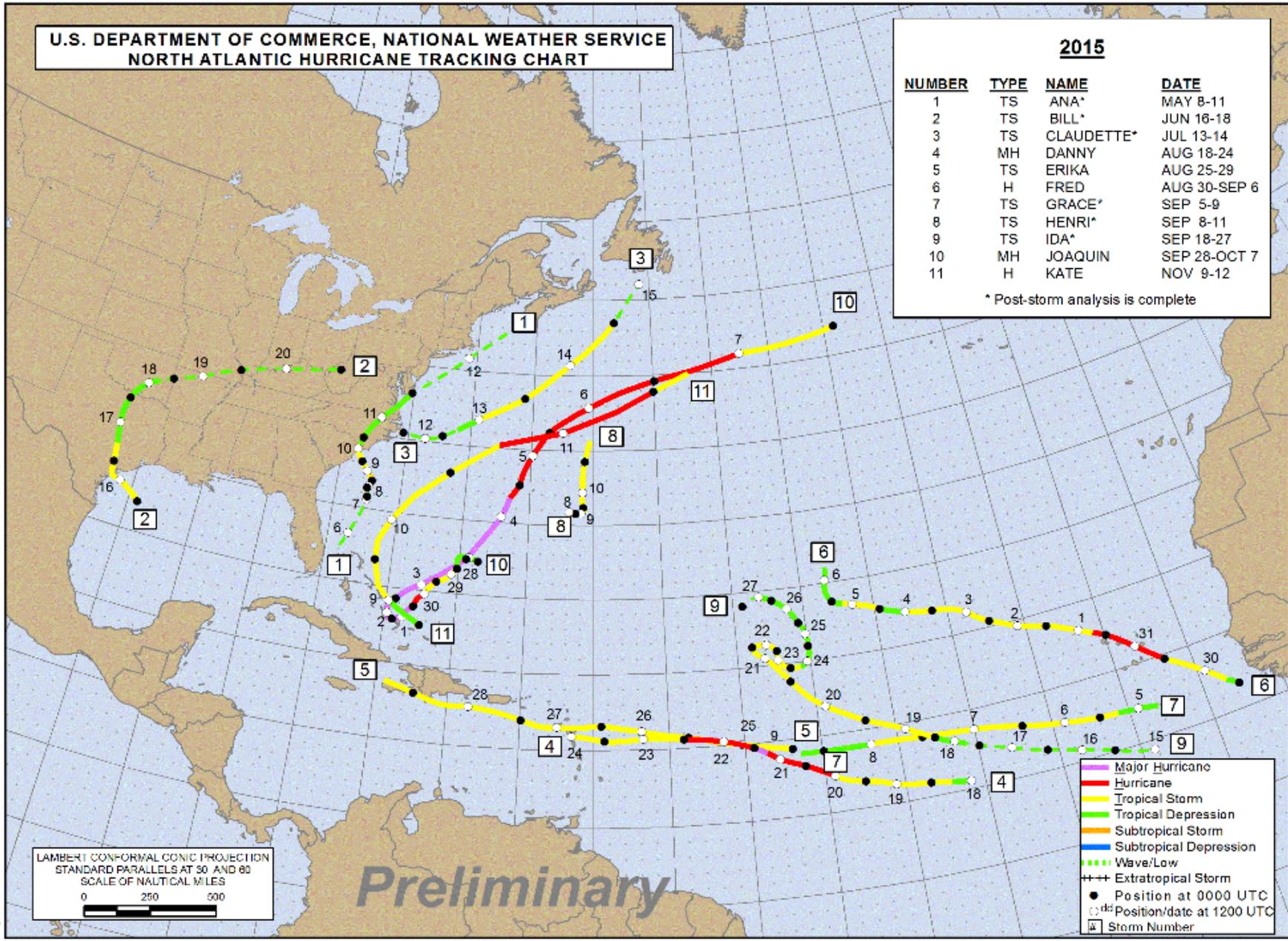
- Major Hurricane
- Hurricane
- Tropical Storm
- Tropical Depression
- Subtropical Storm
- Subtropical Depression
- Wave/Low
- Extratropical Storm
- Position at 0000 UTC
- Position/date at 1200 UTC
- # Storm Number

**U.S. DEPARTMENT OF COMMERCE, NATIONAL WEATHER SERVICE
NORTH ATLANTIC HURRICANE TRACKING CHART**

2015

NUMBER	TYPE	NAME	DATE
1	TS	ANA*	MAY 8-11
2	TS	BILL*	JUN 16-18
3	TS	CLAUDETTE*	JUL 13-14
4	MH	DANNY	AUG 18-24
5	TS	ERIKA	AUG 25-29
6	H	FRED	AUG 30-SEP 6
7	TS	GRACE*	SEP 5-9
8	TS	HENRI*	SEP 8-11
9	TS	IDA*	SEP 18-27
10	MH	JOAQUIN	SEP 28-OCT 7
11	H	KATE	NOV 9-12

* Post-storm analysis is complete



LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS AT 30 AND 60
SCALE OF NAUTICAL MILES
0 250 500

— Major Hurricane
— Hurricane
— Tropical Storm
— Tropical Depression
— Subtropical Storm
— Subtropical Depression
- - - Wave/Low
+ Extratropical Storm
● Position at 0000 UTC
○ Position/date at 1200 UTC
1 Storm Number

Preliminary

 “We anticipate that the 2016 Atlantic basin hurricane season will be “average”.

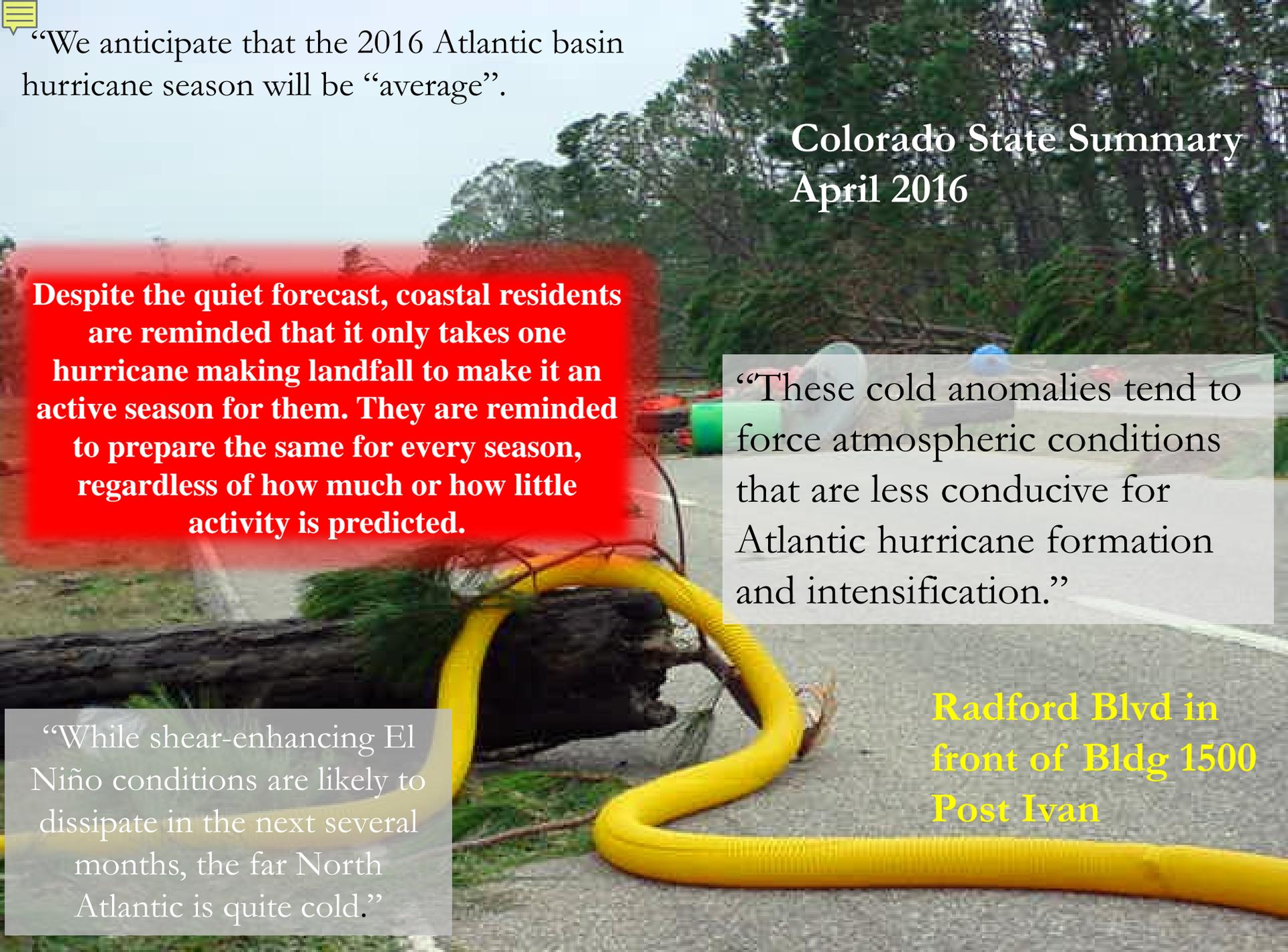
Colorado State Summary April 2016

Despite the quiet forecast, coastal residents are reminded that it only takes one hurricane making landfall to make it an active season for them. They are reminded to prepare the same for every season, regardless of how much or how little activity is predicted.

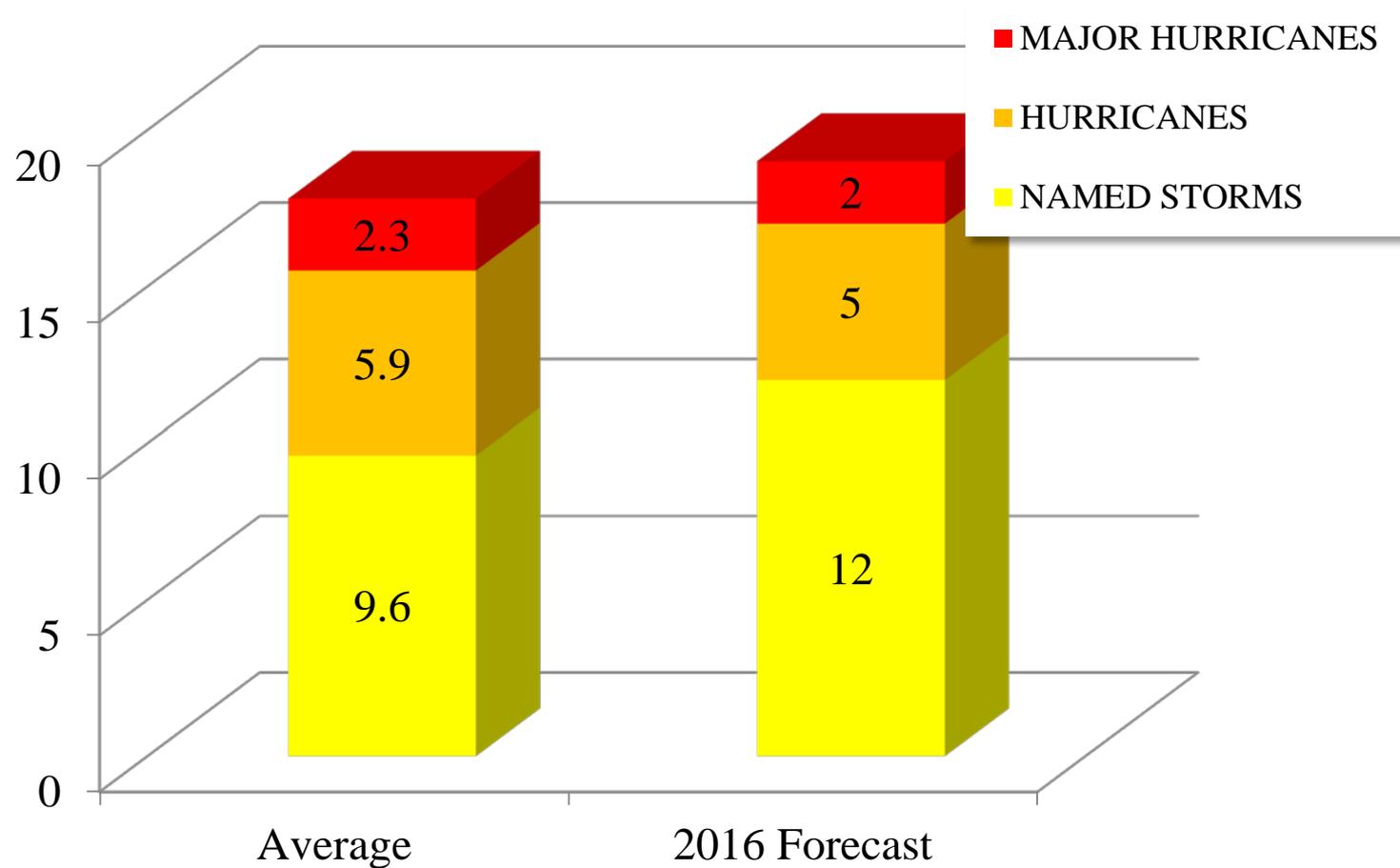
“These cold anomalies tend to force atmospheric conditions that are less conducive for Atlantic hurricane formation and intensification.”

“While shear-enhancing El Niño conditions are likely to dissipate in the next several months, the far North Atlantic is quite cold.”

**Radford Blvd in
front of Bldg 1500
Post Ivan**



April 2016 Tropical Cyclone Forecast



Source: Colorado State University

EVACUATION

2 Types

Voluntary

- * Issued by County EMO
 - You will not be paid
 - may have to take leave
- * Know your area!
 - Are you in a storm surge area or flood plain?
 - Have a plan!

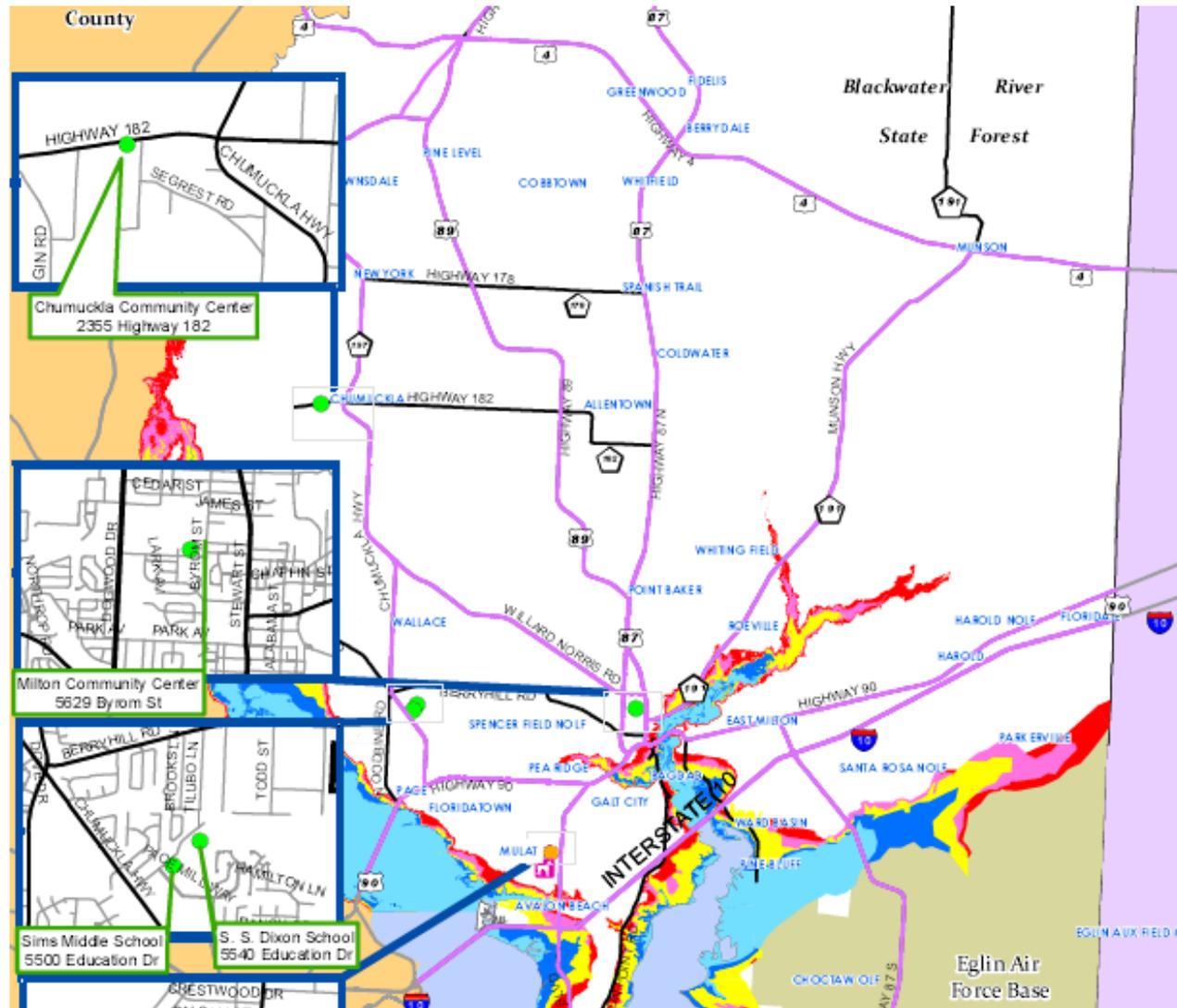
Mandatory

- County EM will determine which areas will evacuate; usually coastal and low-lying areas.
- Installation Commanding Officer determines Installation Evacuation

Evacuation Routes(Escambia)



Evacuation Routes(Santa Rosa)



Be prepared BEFORE it's an EMERGENCY!!

Don't get caught in a "PILUP"



Develop a Family Plan

Create a Disaster Supply Kit

Have a place to go

Secure your home

Have a family pet plan

Even Renters need insurance



FAMILY DISASTER PLAN

* Have an out-of-state family or friend contact point

Safe haven designated for NASP is a 350 NM radius from NASP (why 350?)

* Make a plan NOW
your pets if you evacuate

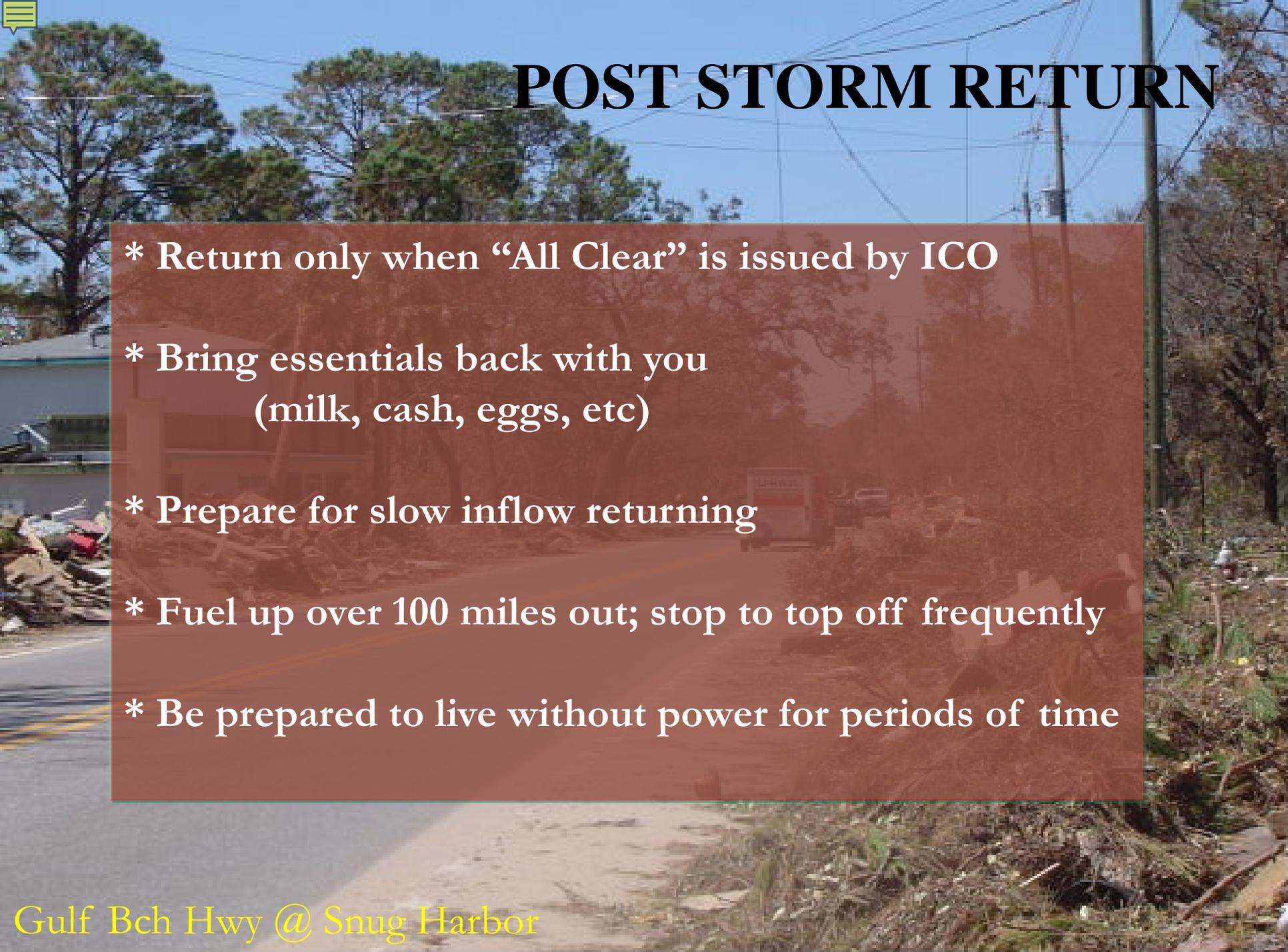
Designated safe haven location
- Atlanta, Ga

- Most shelters/hotels do not allow pets:

* Prepare a disaster supply kit

* Use a NOAA weather radio. Remember to check batteries!!

Radford Blvd @ Lake Fredrick



POST STORM RETURN

- * Return only when “All Clear” is issued by ICO
- * Bring essentials back with you
(milk, cash, eggs, etc)
- * Prepare for slow inflow returning
- * Fuel up over 100 miles out; stop to top off frequently
- * Be prepared to live without power for periods of time

Disaster Supply Kit/Supplies



- Heavy duty trash bags
 - Bleach
 - Water purification tablets
 - Non-perishable food (pre-packaged or canned)
 - Manual can opener
 - Emergency / Camping equipment and fuel
 - Matches / Lighters
 - Portable Cooler
 - Rope / Duct tape
 - Tarp
 - Portable fire extinguisher
 - Pet carrier and supplies
-

The screenshot shows the homepage of the BeReadyEscambia.com website. At the top left is the "my escambia" logo. To its right are navigation links for "Calendar", "Employment", "Vendors", and "Contact". A search bar labeled "Search Site..." is also present. Below these is a dark blue navigation bar with buttons for "Home", "Business", "Visitors", and "Government". A "Select Language" dropdown menu is located in the top right corner.

The main banner features a satellite-style image of a hurricane over the Gulf of Mexico. The text "BeReadyEscambia.com" is prominently displayed in white, with "Division of Emergency Management" underneath. The Escambia County Florida seal is visible on the right side of the banner.

Below the banner, a breadcrumb trail reads "Home » Be Ready Escambia".

The page is divided into three main sections:

- Topics:** A sidebar menu with a hamburger icon containing links for "Animal Preparedness: Pets, Livestock & Equine", "Biohazard", "Disabilities", "Disaster Plan", "Earthquake", "Extreme Cold", "Extreme Heat", "Fire", and "General Flood Information".
- BeReadyEscambia:** The main content area, featuring a sub-header "BeReadyEscambia" with accessibility icons (+A and -A). The primary article is titled "2016 Escambia County Hurricane Shelters". The text states: "Escambia County will coordinate with the American Red Cross of Northwest Florida (ARC) to open hurricane evacuation shelters in phases based on public demand. The county and the ARC will NOT be opening all of the shelters at one time like in previous years. What this means for you:". A "read more" button is located at the bottom right of this section.
- Weather:** A weather widget for "Downtown (Pensacola), FL 32502". It includes tabs for "Weather", "Wind", "Rain", and "Sun". The current temperature is 69.8°F with a "Chance Thun..." and "S Wind 8.1 mph". A forecast table shows: SAT (61-80), SUN (63-80), and MON (65-77).



Communication

- AtHoc (power and NMCI permitting)
 - Email
 - Press Release through Escambia Co PIO
 - Information Line
 - Social Media (facebook, twitter)
-

Create Page



NAS Pensacola Public Affairs

★★★★☆ (17 ratings)

3,553 likes · 65 talking about this · 84 were here

✓ Liked

✓ Following

Message

⚙

Military Base · Government Organization
NAS Pensacola "Cradle of Naval Aviation"



The Start of Hurri Season
"In the Southeast re of the United States"

👍 3,553

1

About – Suggest an Edit

Photos

Events

Notes 33

Likes

Highlights



NAS Pensacola Public Affairs

March 5



NAS PENSACOLA FOOD SERVICES

Our Mission Statement To provide wholesome, nutritious quality meals in a sanitary environment to our patrons at the lowest cost practical throughout the Pensacola Region with trained culinary professionals who value customer service over all else.

5 Friends

Like NAS Pensacola Public Affairs.



Invite Your Friends to Like This Page

See All

Type a friend's name...

Invite



NASP Public Affairs

@NASP_PAO FOLLOWS YOU

Official twitter page for Naval Air Station, Pensacola, Public Affairs Office. NAS Pensacola: Cradle of Naval Aviation

Pensacola, FL

facebook.com/NASPensacolaPu...

Joined June 2011

TWEETS
2,640

FOLLOWING
271

FOLLOWERS
552

LIKES
20

Tweets

Tweets & replies

Media

Pinned Tweet



NASP Public Affairs @NASP_PAO · 6 Nov 2015

Naval Air Station

Ph: (850) 452-4436

Public... fb.me/21UzJgCab

1

♥ 9



Emergency Card (front)

NAS Pensacola Emergency Card

Phone numbers:

NASP UIC: 00204

NASP Information Line:

866-951-2322

NASP Muster Line:

866-795-7242

Emergency Manager:

850-452-4481

NASP OOD:

850-452-4785/6

Fleet and Family Service Center:

850-452-5990

Red Cross Emergency Service:

850-432-7601

NFAAS Immediate Assistance:

877-414-5358

TRICARE (Out of town non-emergency)

800-444-5445

Regional Operations Center:

904-542-3118



Emergency Card (back)

NAS Pensacola Emergency Card

Once you reach your safe haven/location following an evacuation from a Natural/Man made Disaster or Terrorist attack, you must immediately report your status and whereabouts to one of the following (in this order):

1. Command POC; 2. NFAAS; 3. NASP Muster Line 4. ROC

Contact your Chain of Command POC

POC is:

Command UIC:

Muster Tel #:

NFAAS website = [www.navyfamily.navy .mil](http://www.navyfamily.navy.mil)

Dept/Tenant Participation

- Set COR conditions via APAN webpage
- Review Dept/Tenant COR checklists
- Review Evacuation Procedures
- Review Recovery Procedures



This is a Private Group - Content is only visible to group members.



NAS Pensacola EOC

[Announcements](#)[Forum](#)[Chat Rooms](#)[Conference Rooms](#)[Files](#)[Wikis](#)[More](#)[Status Message](#)[Add a Page to Conditions of Readiness](#)[Add a Page to Documentation](#)[More](#)

Leave a message for the group.

[Add a photo, video or file](#)

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Leave a message for the group.

Add a photo, video or file

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↳ NAS Pensacola E... > Wikis

▾ More

Conditions of Readiness

displays the current COR setting for the installation

6 pages Updated 2 months ago

Documentation

1 page Updated 3 months ago

Force Protection Conditions

Force Protection Conditions for NAS Pensacola

7 pages Updated 2 months ago

This is a Private Group - Content is only visible to group members.



↳ NAS Pensacola E... > Conditions of Readiness

More

Conditions of Readiness

COR 1

COR 2

COR 3

COR 4

COR 5

Select

Conditions of Readiness

Current COR:

Current COR DTG:

COR Ordered Set:

COR Ordered Set DTG:

COR Attained:

DTG Attained:

This will be filled out

Like



Edit

Share

More



Conditions of Readiness

COR 1

COR 2

COR 3

COR 4

COR 5

COR 5

Scroll down to bottom



Command	COR 5 Attained? Yes / No	Set By	Remarks
479th FTG	Yes	Maj Walberg	COR 5 set at 1136
Air OPS Dept			
CID			
CNATT			
CTW-6			
DANTES			
DECA			
DHS Corry Station			



Conditions of Readiness

COR 1

COR 2

COR 3

COR 4

COR 5

NMOTC

NORU

Port OPS

NAVFAC PWD

Supply

Like



Edit

Share

More

Select "Edit"

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NAS Pensacola E... > Conditions of Readiness

+ New

DHS Corry Station			
DISA			
FFSC	Yes	Fenters	COR 5 set at 1200L
MATSG 21			
MATSG 23			
NASC			
Family Housing			

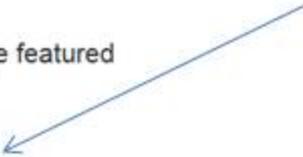
Tags

Notify me when this page is edited

Make this page featured

Once you've changed your info, select "Post"

Post



This is a Private Group - Content is only visible to group members.



NAS Pensacola E... > Conditions of Readiness

Conditions of Readiness

COR 1

COR 2

COR 3

COR 4

COR 5

Your info is posted

Command	COR 5 Attained? Yes / No	Set By	Remarks
479th FTG	Yes	Maj Walberg	COR 5 set at 1136
Air OPS Dept			
CID			
CNATT			
CTW-6			
DANTES			
DECA			
DHS Corry Station			
DISA			
FFSC	Yes	Fenters	COR 5 set at 1200L
MATCO 01			



Dept/Tenant Participation

- Set COR conditions via APAN webpage
- **Review Dept/Tenant COR checklists**
- Review Evacuation Procedures
- Review Recovery Procedures

Example Checklist

TENANT TCCOR IV CHECKLIST

- Notify employees that Tropical Cyclone Condition of Readiness (COR) IV is being set and to begin preparedness for storm conditions.
- Review your command's copy of the Destructive Weather Plan and department's or command's Hurricane Bill.
- Normal operations will continue except preliminary preparations for advance hurricane conditions.
- Assemble identified employees to assure all assignments are clear regarding each hurricane condition. With entire staff, review "Destructive Weather Procedures".
- Review and brief watch-standers in all applicable sections of this plan, as applicable to the type of weather anticipated.
- Evaluate the integrity of primary mission capabilities (by identifying specific actions and/or equipment critical to mission capability) and direct priorities accordingly.
- Review availability of essential and non-essential personnel. If needed review leave status and cancel as required.
- Consider curtailing liberty or recalling military and civilian personnel as required.
- Inspect areas of responsibility to identify potential hazards; take immediate action to correct these potential hazards like loose material and items; relocate moveable objects, which might blow away, or be torn and thrown against buildings or through windows (missile hazards).

Dept/Tenant Participation

- Set COR conditions via APAN webpage
- Review Dept/Tenant COR checklists
- **Review Evacuation Procedures**
- Review Recovery Procedures

Annex 5 Sec III - Evacuation

Last Review: March 2015

NASPNCLAINST 3440.4B

ANNEX 5 TO SECTION III SUPPORT ANNEXES

EVACUATION

Ref:

- (a) CNRSEINST 3440.2 SERIES
- (b) CNICINST 3440.17 SERIES
- (c) DoDI 6055.17

Hazards/Threats that may require activation of this Annex:

- (a) Fire (Structural)
- (b) Hurricane/Tropical Storm
- (c) Active Shooter
- (d) Terrorism (High Yield Explosive)
- (e) Fire (Industrial)
- (f) Hazmat Release
- (g) Flooding
- (h) Terrorism Chemical
- (i) Terrorism Biological
- (j) Terrorism Radiological
- (k) Fire (Wild land)
- (l) Environmental Contamination
- (m) Commercial Nuclear
- (n) Tsunami
- (o) Terrorism Nuclear
- (p) Pandemic Influenza
- (q) Civil Disturbance
- (r) Earthquake

Enclosures:

- 1) Pre-evacuation checklist (no notice)
- 2) Evacuation checklist (no notice)
- 3) Post evacuation checklist (no notice)
- 4) Pre-evacuation checklist (known event; departing out of area)
- 5) Evacuation checklist (known event; departing out of area)
- 6) Post evacuation checklist (known event; returning to area)
- 7) Evacuation Routes for Naval Air Station Pensacola (NASP) Complex along with routes departing NASP through Escambia County, Florida

Dept/Tenant Participation

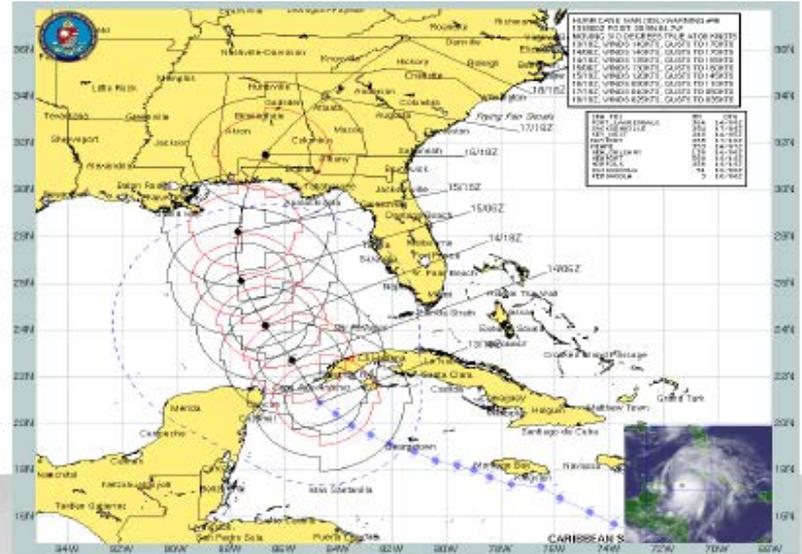
- Set COR conditions via APAN webpage
- Review Dept/Tenant COR checklists
- Review Evacuation Procedures
- **Review Recovery Procedures**

NAS Pensacola Recovery

- Critical Infrastructure
 - ✓ Roads
 - ✓ Power
 - ✓ Water
 - ✓ Building list
- Personnel Accountability
- Return to normal operations

Emergency Manager

REMEMBER
BE PREPARED!!



Questions?



NASP EM
Burt Fenters
(W) 452-4481 (C) 418-5158
alan.fenters@navy.mil



Evelyn Shanahan