

# ***Hurricane Awareness 2016***

NASCC  
Emergency  
Management  
Department

# When will a Hurricane hit Corpus Christi?

Port Lavaca  
Rockport  
Corpus Christi  
Kingsville

# 2016 Hurricane Predictions



HURRICANE SEASON FORECAST		2016	
	AVG	CSU	The Weather Channel
TOTAL NAMED STORMS	12	13	14
HURRICANES	6	6	8
CATEGORY 3 OR HIGHER	3	2	3

**\* DOES INCLUDE HURRICANE ALEX - JANUARY 2016**



## **2015 Predictions:**

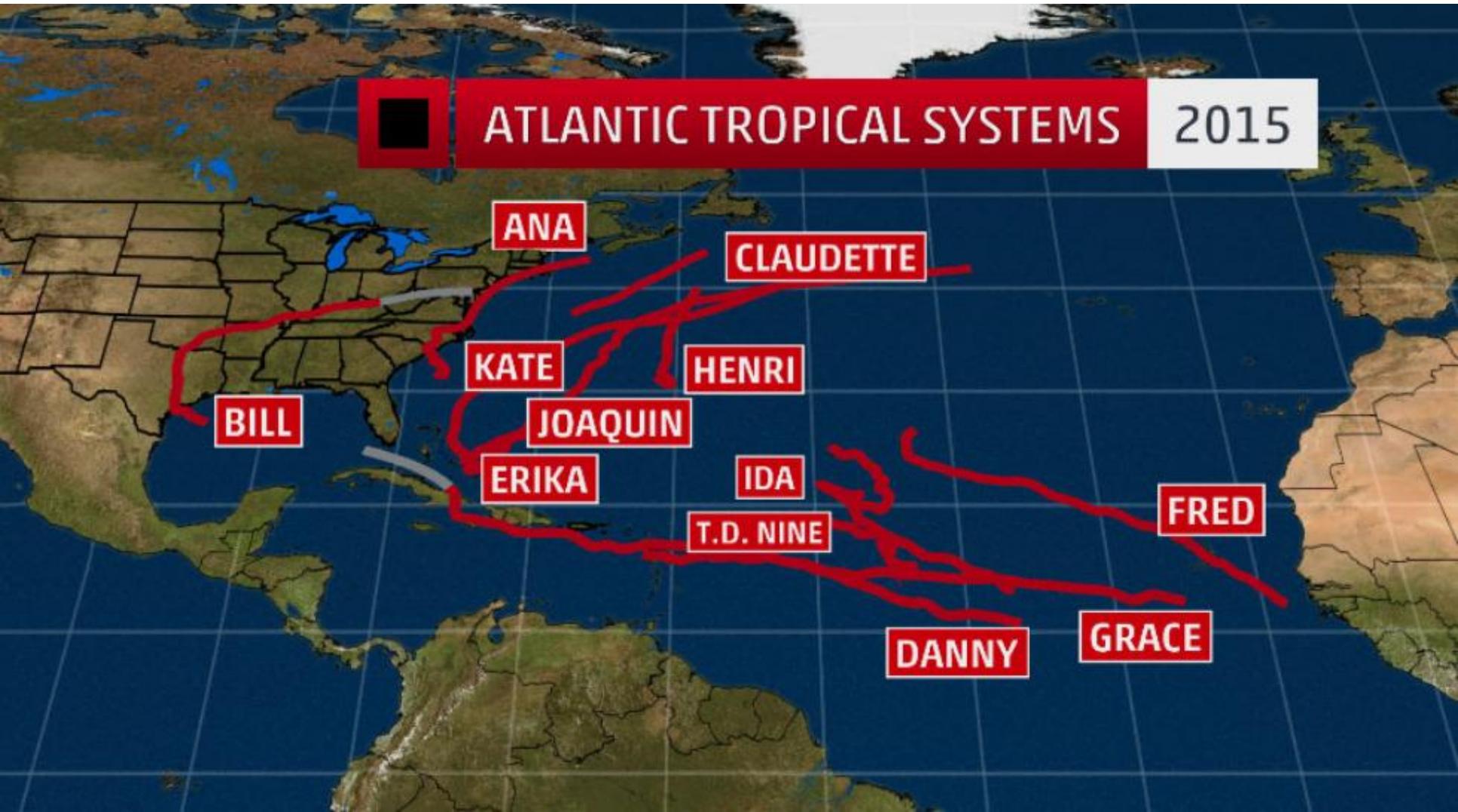
- 7 Named Storms
- 3 Hurricanes
- 1 Major Hurricanes
- 1 Make Landfall

## **2015 Season (actual storms)**

- 11 Named Storms
- 4 Hurricanes
- 2 Major Hurricanes
- 2 Made Landfall

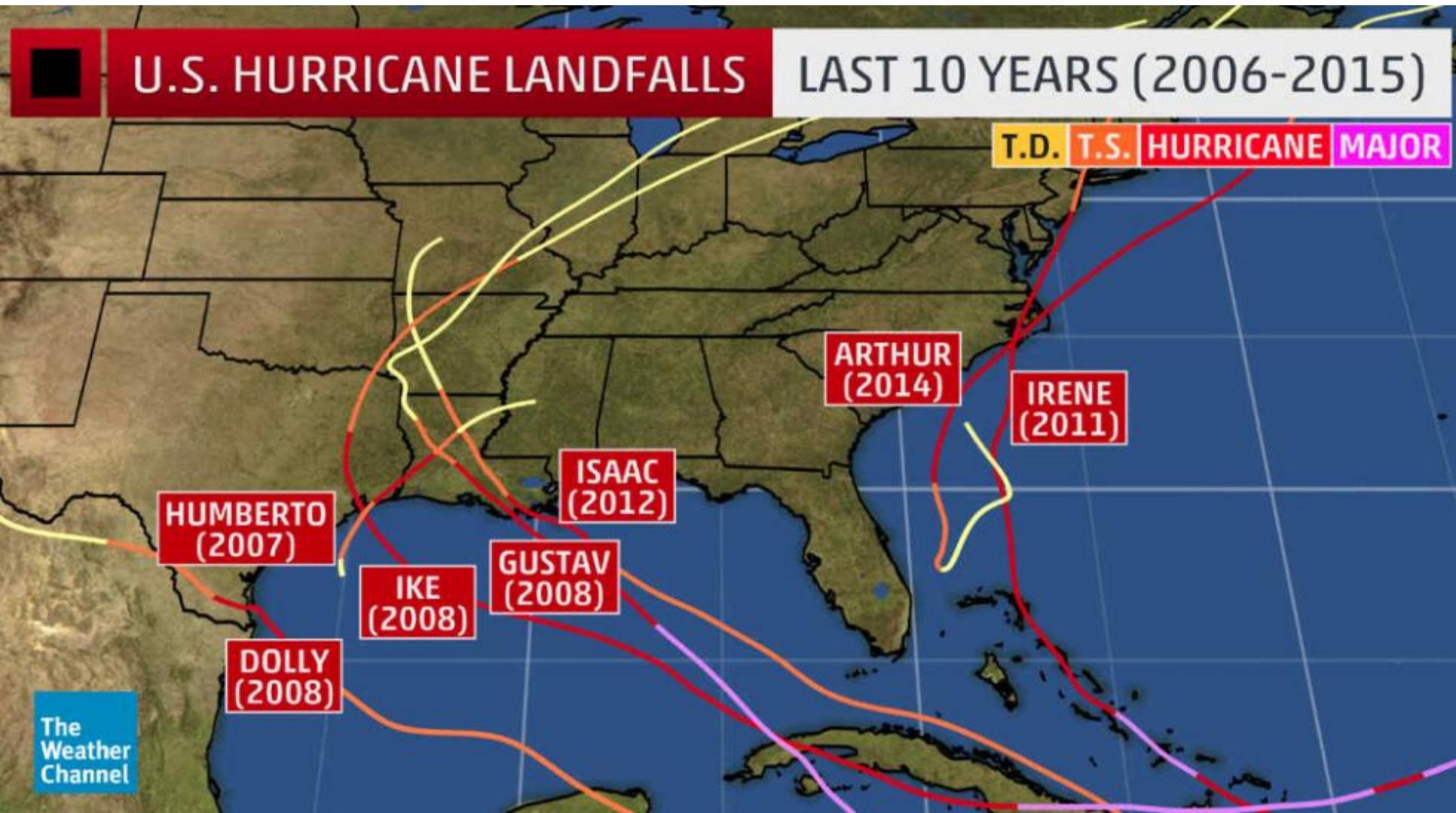


# 2015 Tropical Cyclone Tracks

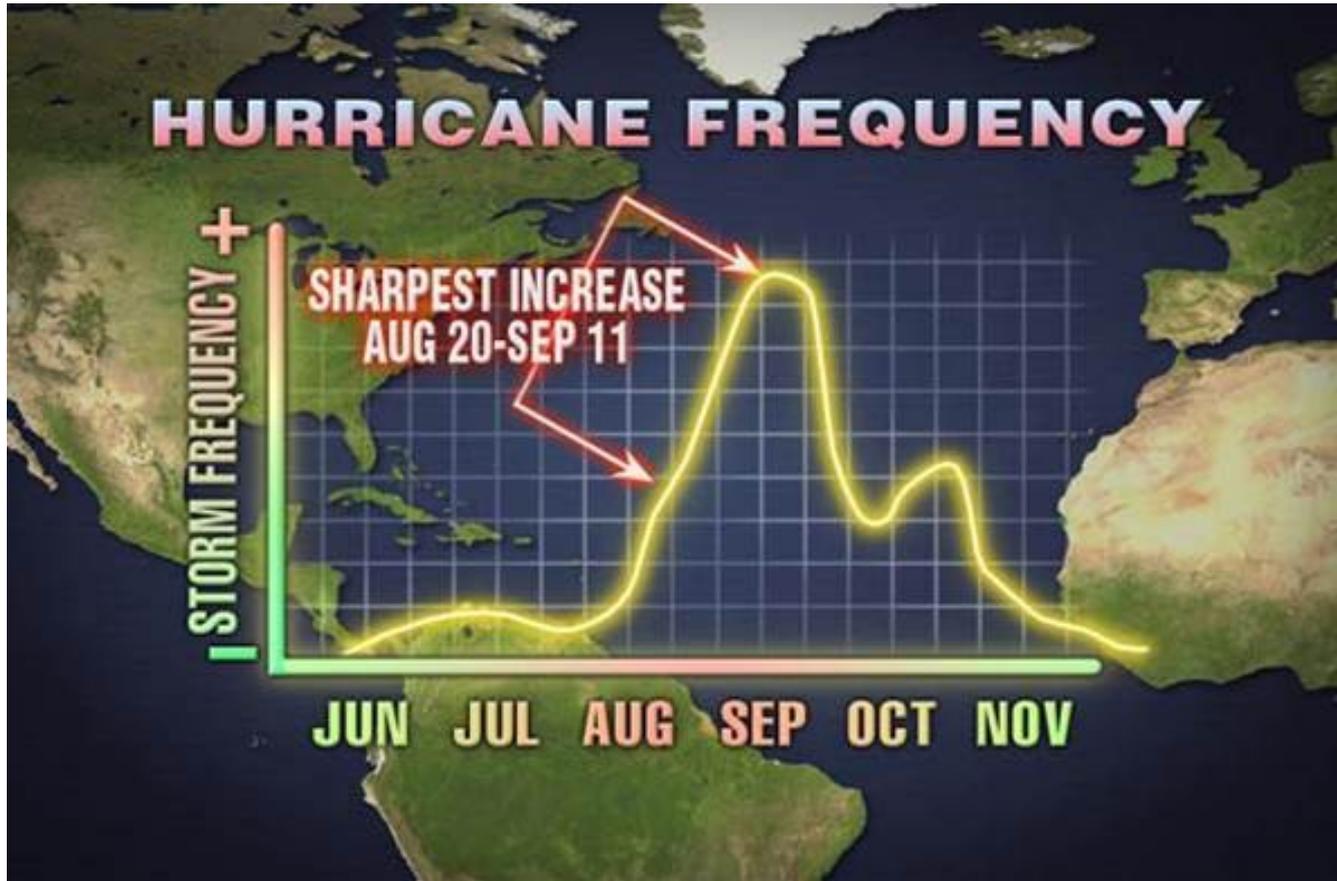




# 2006 – 2015 Hurricane Landfall Tracks



# Seasonal Peak





# Hurricane Ike





# HAZARDS ASSOCIATED WITH HURRICANES



Hurricane Ike  
Category 3 Landfall  
Surge: 12.8 Feet



NAS CORPUS CHRISTI, TEX.

# Cat 3 Storm Surge Simulation Aransas Pass Texas



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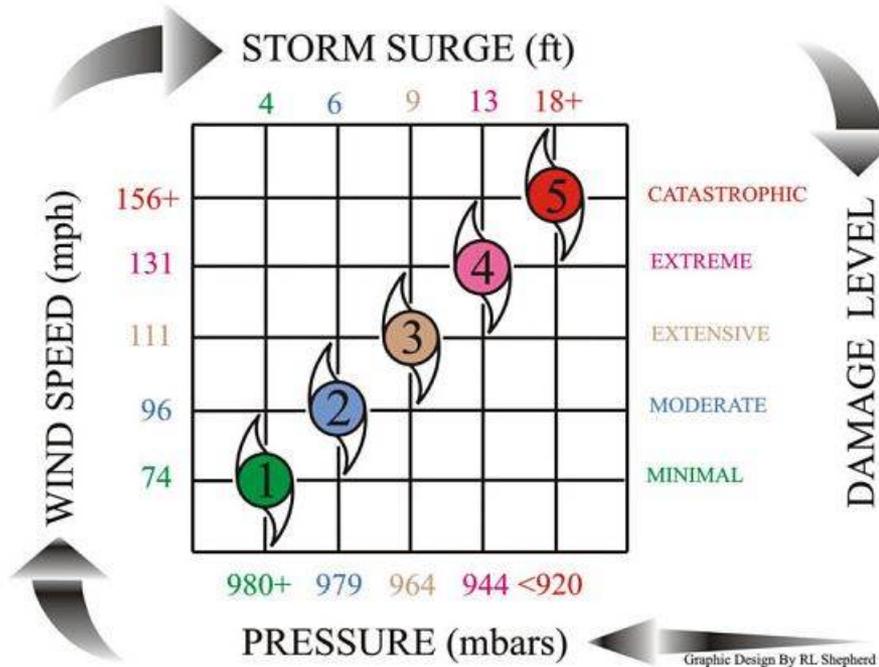




# Hurricane Categories



## SAFFIR-SIMPSON HURRICANE SCALE



**CAT 1** – minimal damage  
Winds 74-95 MPH, (64-82 kts)

**CAT 2** – moderate damage  
Winds 96-110 MPH, (83-95 kts)

**CAT 3** – extensive damage  
Winds 111-130 MPH, (96-113 kts)

**CAT 4** – extensive damage  
Winds 131-155 MPH, (114-135 kts)

**CAT 5** – catastrophic damage  
Winds above 155 MPH(>135 kts)



# Tropical Cyclone Conditions of Readiness (COR)

## **COR V**

- No storm or destructive winds anticipated within 96 hours  
(Default condition during the hurricane season: June 1 - November 30)

## **COR IV**

- Destructive winds are anticipated within 72 hours.

## **COR III**

- Destructive winds are anticipated within 48 hours.

## **COR II**

- Destructive winds are anticipated within 24 hours.

## **COR I**

- Destructive winds are anticipated within 12 hours.



# **PERSONAL DISASTER PREPAREDNESS**

**What is best / makes sense for you and your family?**

**What is important to you?**

**Photos?**

**Documents?**

**Xbox?**

**Laptop?**

**Pet?**



**The safety of your family during and after a hurricane is a direct result of your planning and readiness. At a minimum, you should:**

**- Have a family evacuation plan**

**- Have the following ready to bring with you:**

At least a 3-day supply of water (one gallon per person, per day)

At least a 3-day supply of non-perishable food

At least, one change of clothing and shoes per person

One blanket or sleeping bag per person

First-aid kit  Emergency tools  Flashlight, extra batteries

Battery-powered NWR and a portable radio

Credit card and cash  Extra set of car keys

Special items for infant, elderly or disabled family members

Prescription and non-prescription medicines

**- Establish a long distance contact number outside the area in the event you are separated from your family members.**

**- Plan ahead if you have any special needs (EFM) family members or concerns.**



# CONDITIONS OF READINESS



**COR V:** Set June 1<sup>st</sup> and is default through end of November.

## Personal Preparation:

- Plan out and drive your evacuation route.
- Be prepared to protect your home and property by having window boards ready.
- Make sure personal information is updated in NFAAS and TWMS.
- Educate your family members/children about the Conditions of Readiness and Hurricane Categories.



# CONDITIONS OF READINESS

**COR IV:** Destructive winds are anticipated within 72 hours.

## Personal Preparation:

- Monitor weather developments.
- Review family evacuation plans.
- Locate and gather all important family papers (including insurance).
- Check all emergency supplies.
- Prepare to board your home if necessary.



## **IMPORTANT NOTE:**

**Many insurance companies will not allow you to add/make changes to flooding/windstorm policies\* once an active storm is in the Gulf of Mexico. Know your policies and the levels of your coverage beforehand.**

**\*Note – flood insurance doesn't go into affect until 30 days after purchase.**



# CONDITIONS OF READINESS

**COR III:** Destructive winds are anticipated within 48 hours.

## Personal preparation:

- Finalize evacuation plans.
- Remove all loose objects outside.
- Ensure all vehicles are full of fuel.
- Board up your home with plywood.
- Pack evacuation vehicles.
- Finish all unfinished emergency actions.



# CONDITIONS OF READINESS

**COR II:** Destructive winds are anticipated within 24.

**Personal preparation:**

Your "GO" Kit should already be complete

EVACUATE WHEN ORDERED BY THE CO.....



**An ordered evacuation by the  
Commanding Officer is an ORDER!!!**



# CONDITIONS OF READINESS

**COR I:** Destructive winds are anticipated within 12 hours

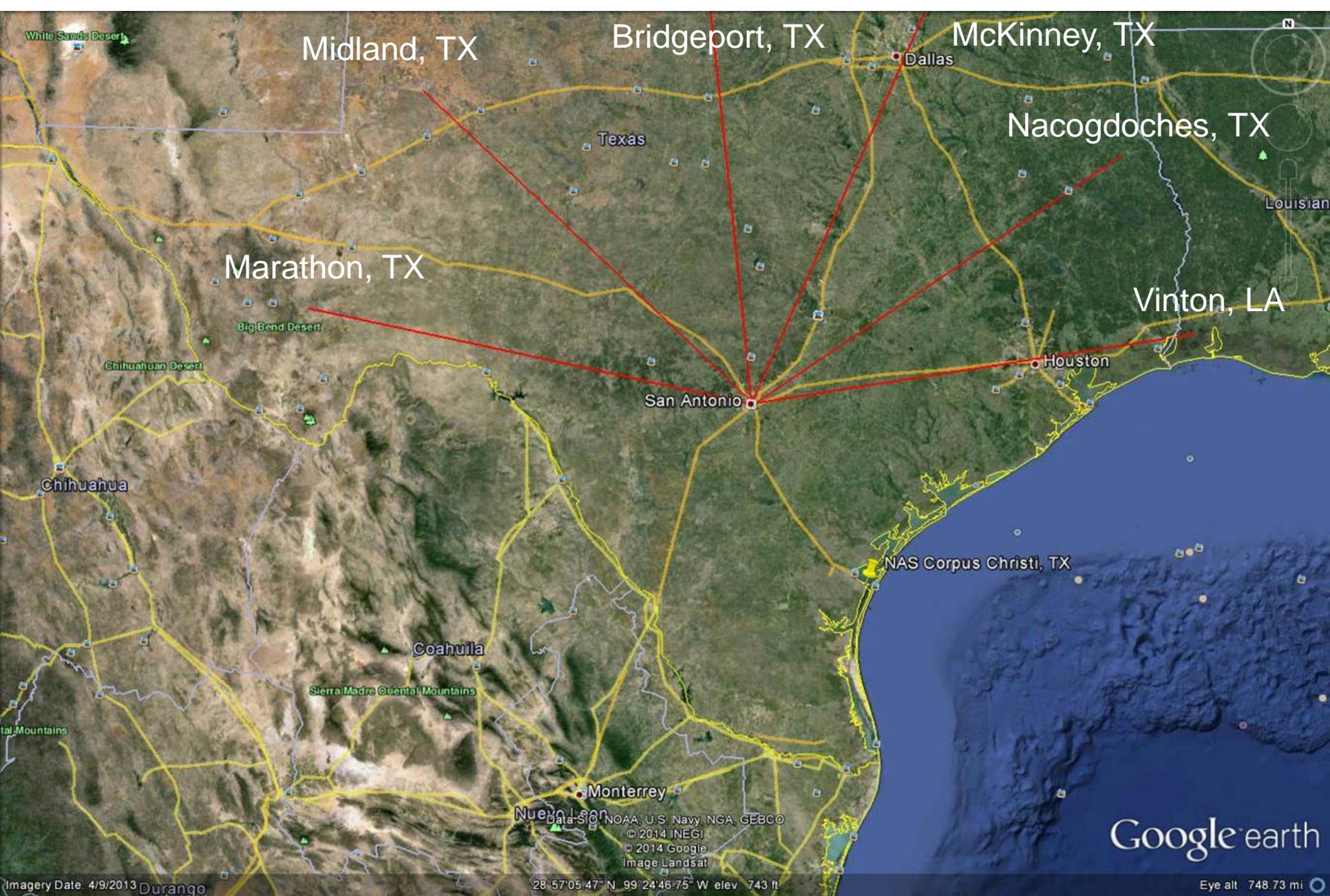
**IF YOU HAVE NOT LEFT YET, ...HUNKER DOWN...IF YOU LEAVE YOU  
MIGHT BE STUCK ON THE ROAD**



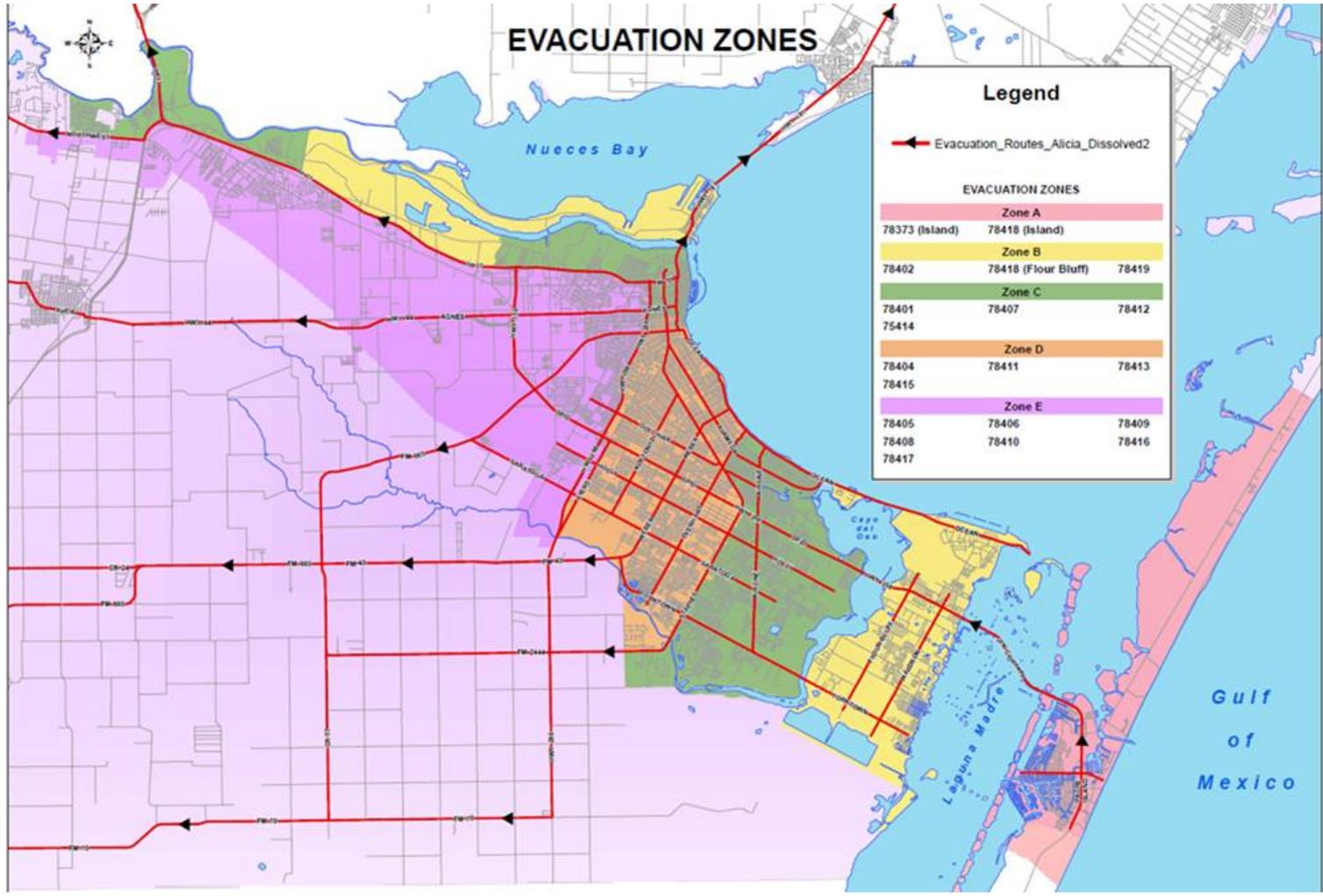
-The NASCC safe haven is currently Joint Base San Antonio (JBSA). There is discussion about changing this to Joint Reserve Base Forth Worth (JRBFW).

-All reimbursements are currently for the San Antonio area rate = \$184/day (\$120/hotel & \$64/MIE)

-Evacuation area is a 300 mile radius **from** San Antonio. All Military personnel or those designated as Recovery Essential remain within a one day drive from JBSA.



Travel to Mexico during an evacuation is **NOT AUTHORIZED?**





## Evacuation routes

- **Most widely used route will be Interstate 37.**
- **There are 5 other routes to safety that emergency officials are hoping residents will consider instead of getting stuck in major congestion.**
- **The recommendation is to take the route that makes the most sense to you and your family.**
- **Determine where you want to go and what route you're going to take, plan ahead of time.**



# Evacuation routes



- Legend**
- A: Laredo via SH 44/US 59
  - B: San Antonio via FM 624/SH 16
  - C: San Antonio via US 181
  - D: San Marcos via US 181/SH 123
  - E: Austin via US 77/US 183
  - F: I-37 EVACULANE
  - G: I-37 Contraflow Lanes



**Evacuation Route F: I-37 Hurricane Lane/Contraflow Information**

**I-37/EVACULANE INFO**  
 From NPID/SH 358 Hurricane lane is left term.  
 Right Lane Must Exit at US 77 North  
 Past 77 North - Hurricane lane shifts to right lane  
 Hurricane Lane ends at US 281 in Pleasanton - Right lane must exit.

**I-37/CONTRAFLOW INFO**  
 Contraflow begins at SH 357 (NPID) and I-37  
 No trucks, vehicles with trailers, or high profile vehicles allowed in contra-flow lanes.  
 Contraflow ends at US 281 at Pleasanton

Cities/Landmarks	EXIT #					Miles	Total Miles
I-37 & NPID	4	-	-	-	-	0	0
			Contraflow Entrance				
Rand Morgan	9	X	-	-	-	5	5
			Contraflow Entrance				
Carbon Plant	10	-	-	-	-	1	6
			Contraflow EXIT ONLY				
McIntzle Rd.	11	-	-	-	-	1	7
			Contraflow Entrance				
Violet Rd	11	X	-	-	-	0	7
			Contraflow Entrance & EXIT				
Leopard St.	13	-	-	-	-	2	9
			Contraflow Entrance				
US 775/I-37	14	X	X	X	-	1	10
US 77 North	17	-	-	-	-	3	13
			Right lane must exit at US 77 North I-37 Contraflow Crossover				
Nathis	36	X	-	X	-	19	22
			SH: 359 Gas Oasts / Portable Restrooms / Contraflow Entrance & Exit				
Parking Area	41	-	-	-	X	5	27
George West	56	X	-	X	-	20	52
US 59: Gas Oasts / Portable Restrooms / Contraflow traffic may Exit							
Three Rivers	69	X	-	-	-	13	65
TX 72	76	-	-	-	-	7	72
US 281 ALT	78	-	-	-	X	2	74
Rest Area	78	-	-	-	X	2	74
TX 99	83	X	-	X	-	7	79
Pleasanton	104	X	X	X	-	5	100
			US 281: Hurricane Lane Ends - Right Lane Must Exit				
TX 97	109	-	-	-	-	5	105
			TX 97: Contraflow left lane traffic must Exit				
Plonic Area	112	-	-	-	X	3	108
FW 3006	113	-	-	-	-	1	109
			FW 3006: All Contraflow traffic must Exit				
Loop 1604	125	X	X	X	-	13	121



# EVACUATION MAP

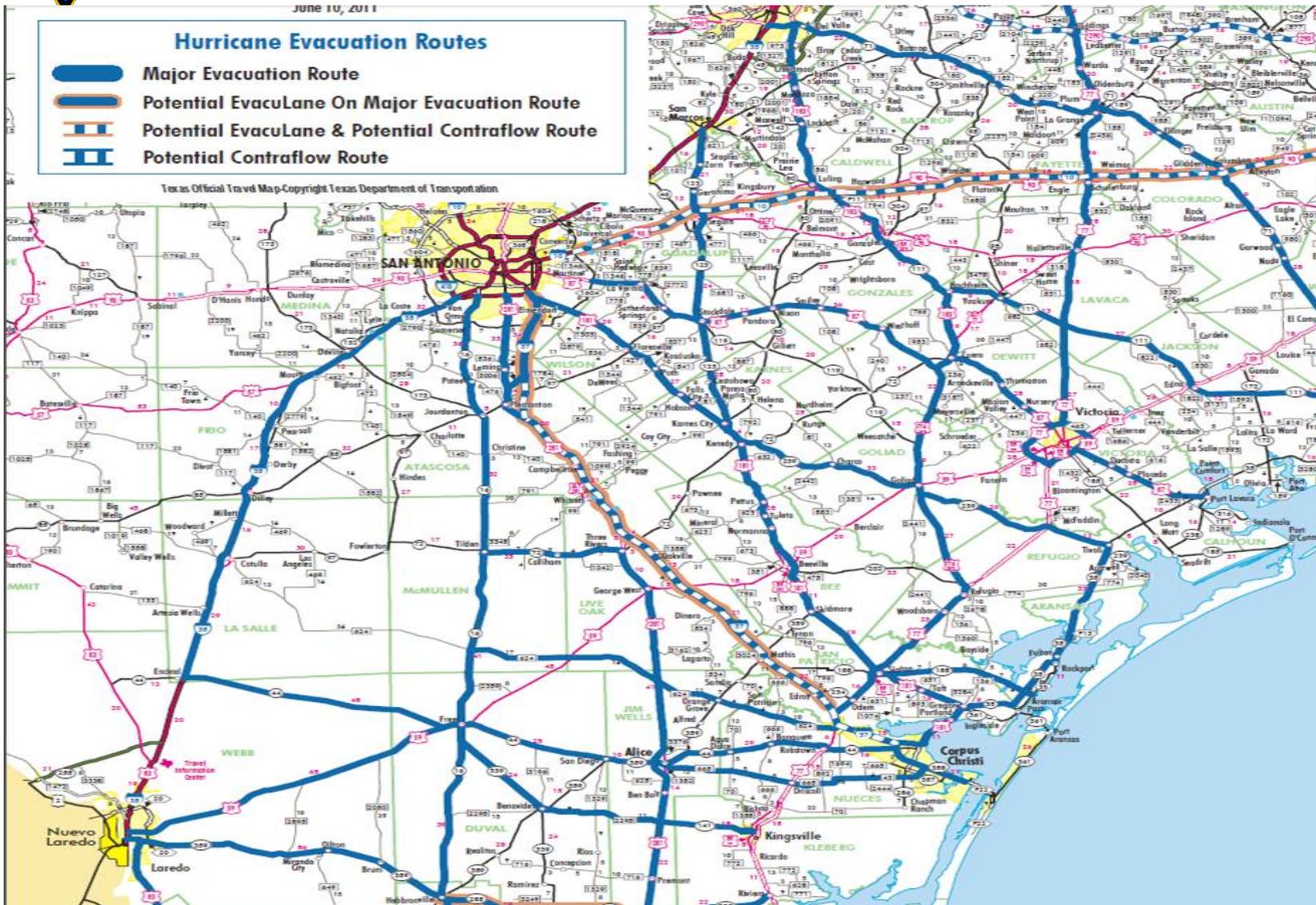


June 10, 2011

## Hurricane Evacuation Routes

-  Major Evacuation Route
-  Potential Evaculane On Major Evacuation Route
-  Potential Evaculane & Potential Contraflow Route
-  Potential Contraflow Route

Texas Official Travel Map-Copyright Texas Department of Transportation





## **NASCC Mustering Process**



**Contact your supervisor directly to muster each morning by 0700. If unable to do so, call the NASCC hotline at 1-877-378-8373. This will have contact for the ADVON team where you can muster as a secondary means.**

**If unable to contact the command, call the Navy Personnel Command Emergency Coordination Center (NPCECC) at 1-877-414-5358 or 1-866-297-1971 (TDD).**



# *Hurricane Preparedness Resources*



- Command Info Line 1-877-378-8373
- American Red Cross: 1-877- 272-7337
- Navy marine Corps Relief: 361-961-3482
- NASCC EM : [Emergency Management](#)
- FEMA Website: [www.fema.gov](http://www.fema.gov)
- NFAAS Website: <https://navyfamily.navy.mil>
- Disaster Assistance: [www.disasterassistance.gov](http://www.disasterassistance.gov)
- City Of Corpus Christi: [Ready - CC](#)
- CNIC Preparedness: [CNIC Emergency Management](#)



# QUESTIONS



Contact NASCC Emergency Management at (361) 961-1725 or 2385