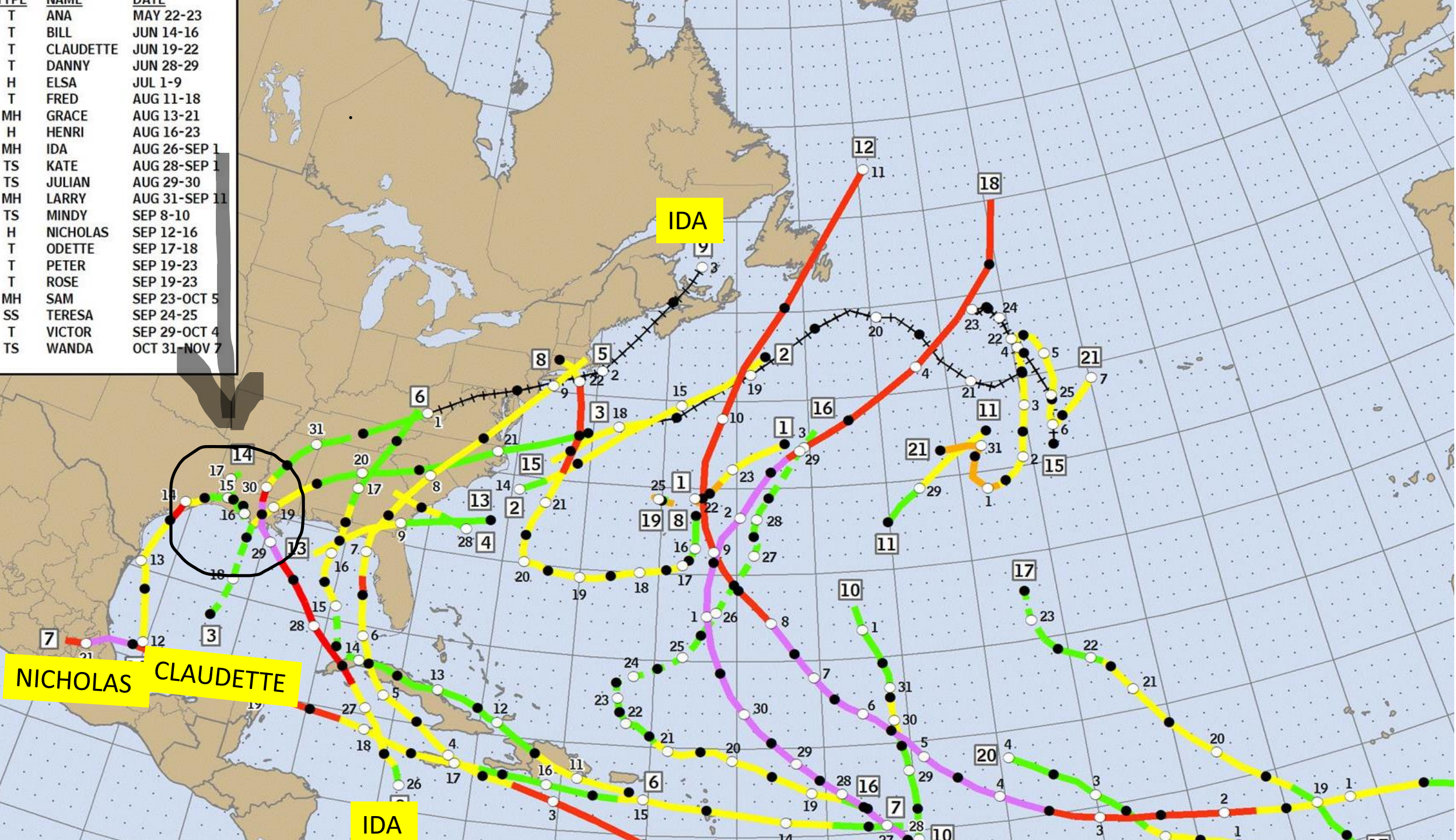




HURRICANE PREPAREDNESS MEETING

APRIL 19, 2022

NAME	DATE	
T	ANA	MAY 22-23
T	BILL	JUN 14-16
T	CLAUDETTE	JUN 19-22
T	DANNY	JUN 28-29
H	ELSA	JUL 1-9
T	FRED	AUG 11-18
MH	GRACE	AUG 13-21
H	HENRI	AUG 16-23
MH	IDA	AUG 26-SEP 1
TS	KATE	AUG 28-SEP 1
TS	JULIAN	AUG 29-30
MH	LARRY	AUG 31-SEP 11
TS	MINDY	SEP 8-10
H	NICHOLAS	SEP 12-16
T	ODETTE	SEP 17-18
T	PETER	SEP 19-23
T	ROSE	SEP 19-23
MH	SAM	SEP 23-OCT 5
SS	TERESA	SEP 24-25
T	VICTOR	SEP 29-OCT 4
TS	WANDA	OCT 31-NOV 7



EMERGENCY OPERATIONS CENTER

- SOME MEETINGS WILL HAVE ZOOM CAPABILITY. MEDIA WILL MEET AFTERWARDS
- AFTER EACH MEETING, EMAILS ARE SENT OUT TO ALL AGENCIES/MEDIA
- SLIDES FROM WEATHER SERVICE WILL BE ATTACHED

INFORMATION USED IN PLANNING

NWS/ NHC PROVIDES US WITH FORECAST INFORMATION

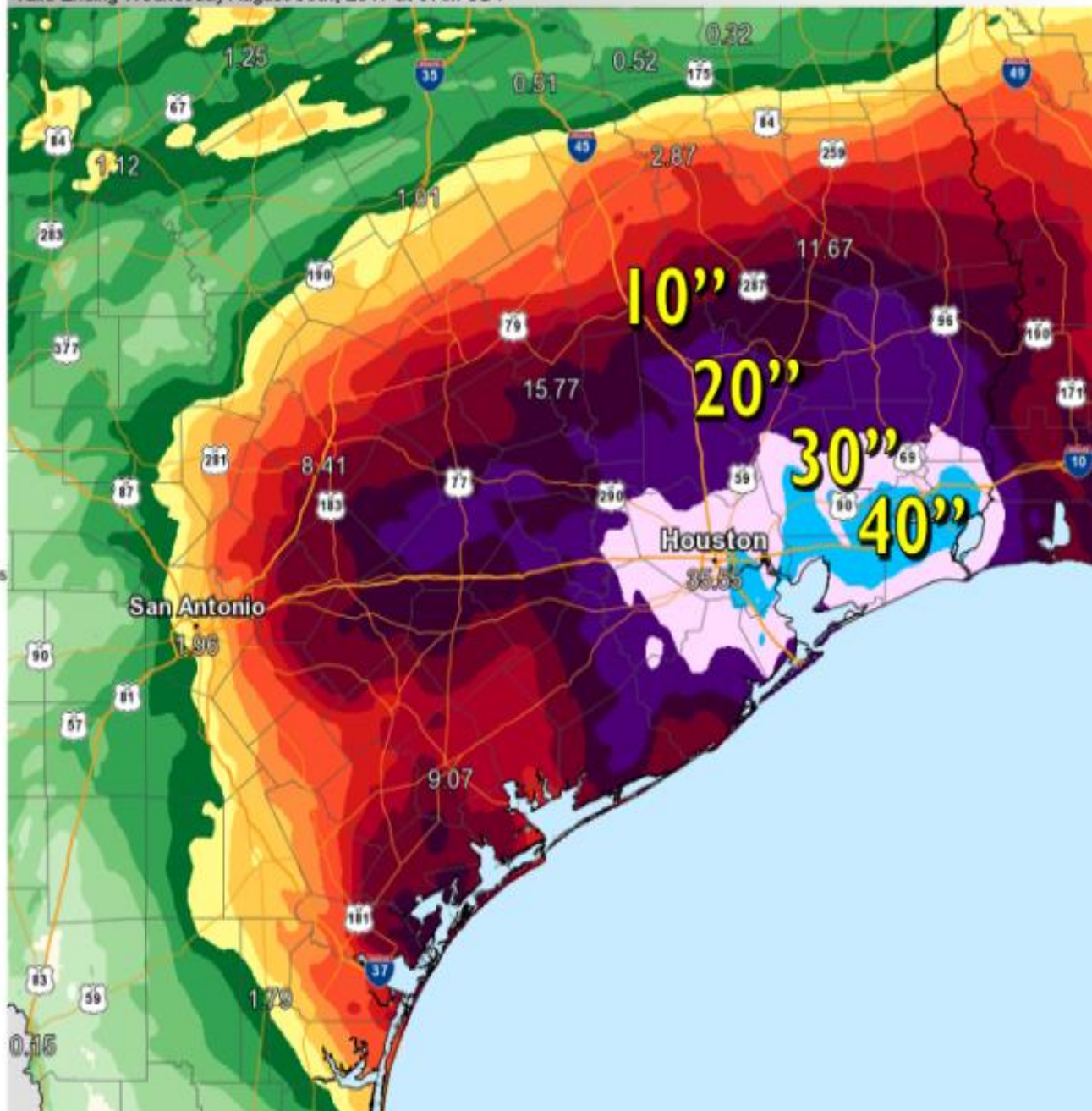
WE HAVE MEETINGS TO UPDATE THE PARISH PRESIDENT AND LOCAL OFFICIALS OF THE STORM SITUATION AND DECISIONS ARE MADE FROM THESE MEETINGS REGARDING MEASURES TO TAKE FOR PUBLIC SAFETY. THERE COULD BE ORDERS FOR EVACUATION OF PARTS OF THE PARISH OR THE ENTIRE PARISH.

MR. LEE JOHN FROM GOHSEP AVAILABLE TO GIVE A SHORT PRESENTATION TO ANY ELECTED OFFICIAL ON GUIDELINES AND RESPONSIBILITIES DURING DISASTERS

TIDE AND STORM SURGE PROJECTIONS

- THESE PROJECTIONS ARE IMPORTANT IN DETERMINING WHETHER AN EVACUATION ORDER IS GIVEN.
- PROJECTIONS HAVE BEEN RELATIVELY ACCURATE BUT IN OUR CASE, THESE PROJECTIONS DO NOT TAKE INTO ACCOUNT THE WORK DONE BY THE ST MARY PARISH LEVEE DISTRICT AND THE ELEVATION OF THESE LEVEES
- WE HAVE NUMEROUS WATERMARKS FROM PREVIOUS STORMS THAT WE USE TO COMPARE TO CURRENT PROJECTIONS

Valid Ending Wednesday August 30th, 2017 at 6 AM CDT



5 Day Point Rainfall Amounts in Inches

- Harvey continued to produce record breaking **rainfall totals** of **45 to over 50 inches**... with continued rainfall
- **Cedar Bayou - 51.88**
- **Berry Bayou - 44.88**
- **League City - 49.84**
- **Mary's Creek - 49.80**
- **Goose Creek - 44.08**
- **Greens Bayou - 41.36**
- **Buffalo Bayou - 35.60**
- **Addicks Dam - 33.44**

Agency View
An interactive map of the Harris County Flood Control District

Graphic Created
August 30th, 2017
7:06 AM CDT

Point rainfall
data courtesy

GET A GAME PLAN

- MEDICAL NEEDS, OXYGEN, O2 GENERATORS ETC.
- OXYGEN EXCHANGE BOTTLES WILL BE WITH MC/FRANKLIN FIRE DEPT
- POWER OUTAGES: GENERATORS/SAFETY
- FOOD AND WATER SUPPLY/PRESCRIPTIONS/EMERGENCY FUNDS
- TELL EVERYONE YOUR PLAN, FAMILIES CALL ONE PERSON OUTSIDE DANGER ZONE OF YOUR STATUS AND UPDATES.
- FIRE DEPTS WITH GENERATORS PROVIDE EXTENSION CORD TO OUTSIDE AFTER THE STORM SO RESIDENTS CAN COME BY TO CHARGE THEIR OXYGEN GENERATORS WHEN UTILITIES ARE OUT.

PRE STORM

PARISH, MUNICIPALITIES, GOVERNMENT AGENCIES

PREPARE, STOCK UP ON NEEDED ITEMS, RESCUE ITEMS CHECK

SANDBAGS WHERE WHEN LET US KNOW STATUS.

INVENTORY WHAT YOU HAVE, SEE IF BAGS ARE STILL GOOD.

GENERATOR SERVICE THEM, HAVE REPAIR ITEMS ON HAND.

FUEL PLANS MUST BE MADE AHEAD OF TIME.

**DOCUMENT, INVOICES, PHOTOS OF FLOOD FIGHTING ACTIVITIES, FEMA
REQUIRED (6 MONTHS LATER FEMA WILL ASK FOR THE PHOTOS)**

UPDATE CALLOUT LIST FOR ALL DEPARTMENTS.

COMMUNICATION CHECKS WITH ALL AGENCIES, HOSPITALS.

KNOW YOUR EVACUATION ROUTES

- TAKE HWY 90, HWY 182, HWY 14, HWY 70
- THE SOONER THE BETTER AND BE PATIENT, DRIVE WITH CAUTION
- HAVE SUPPLY OF WATER/SNACKS
- USE 511LA.ORG FOR TRAFFIC INFORMATION BEFORE LEAVING

SHELTERS

- THERE ARE NO PLANNED PRE STORM SHELTERS IN THE PARISH
- SHELTERS USED FOR HURRICANE EVACUEES SHOULD BE CONSIDERED A **LAST RESORT** OPTION.
- WILL BE SLEEPING ON COTS WITH NO PRIVACY

SHELTERING PLANS

- NUSING HOME, HOMEBOUND ETC SHOULD LEAVE EARLY AS POSSIBLE
- ST MARY PARISH POINT TO POINT SHELTER IS LOCATED IN CENTRAL LOUISIANA
- OUR PLAN IS TO USE LOCAL SCHOOL BUSES AND DRIVERS TO TRANSPORT THOSE THAT REQUIRE TRANSPORTATION TO A SHELTER.
- THERE WILL BE TWO PARISH PICK UP POINTS, FRANKLIN HIGH AND MORGAN CITY JR HIGH.

POST STORM

- MAKE AN INTIAL ASSESSMENT SURVEY
- INFRASTRUCTURE ASSESSMENTS(WATER, SEWER, ELECTRICITY, GAS, STORES, STREETS, MUNICIPAL BUILDINGS, HOSPITALS, FOOD PLACES, BANKS) WE NEED TO REPORT THIS TO GOHSEP
- THIS ALSO LETS US KNOW WHEN TO BRING EVACUEES BACK HOME
- LAW ENFORCEMENT, FIRE, CITY MAKES LIST OF DAMAGES PHOTOS, ETC. SEND OHSEP COPY OF THE INFORMATION.
- DEBRIS ASSESSMENTS AND DEBRIS PLAN
- ALL DAMAGE IS COMPILED TO MEET FEMA THRESHHOLD
- POST STORM SHELTER FACILITIES. DO YOU HAVE PLANS TO OPEN ONE.

HISTORY LESSON

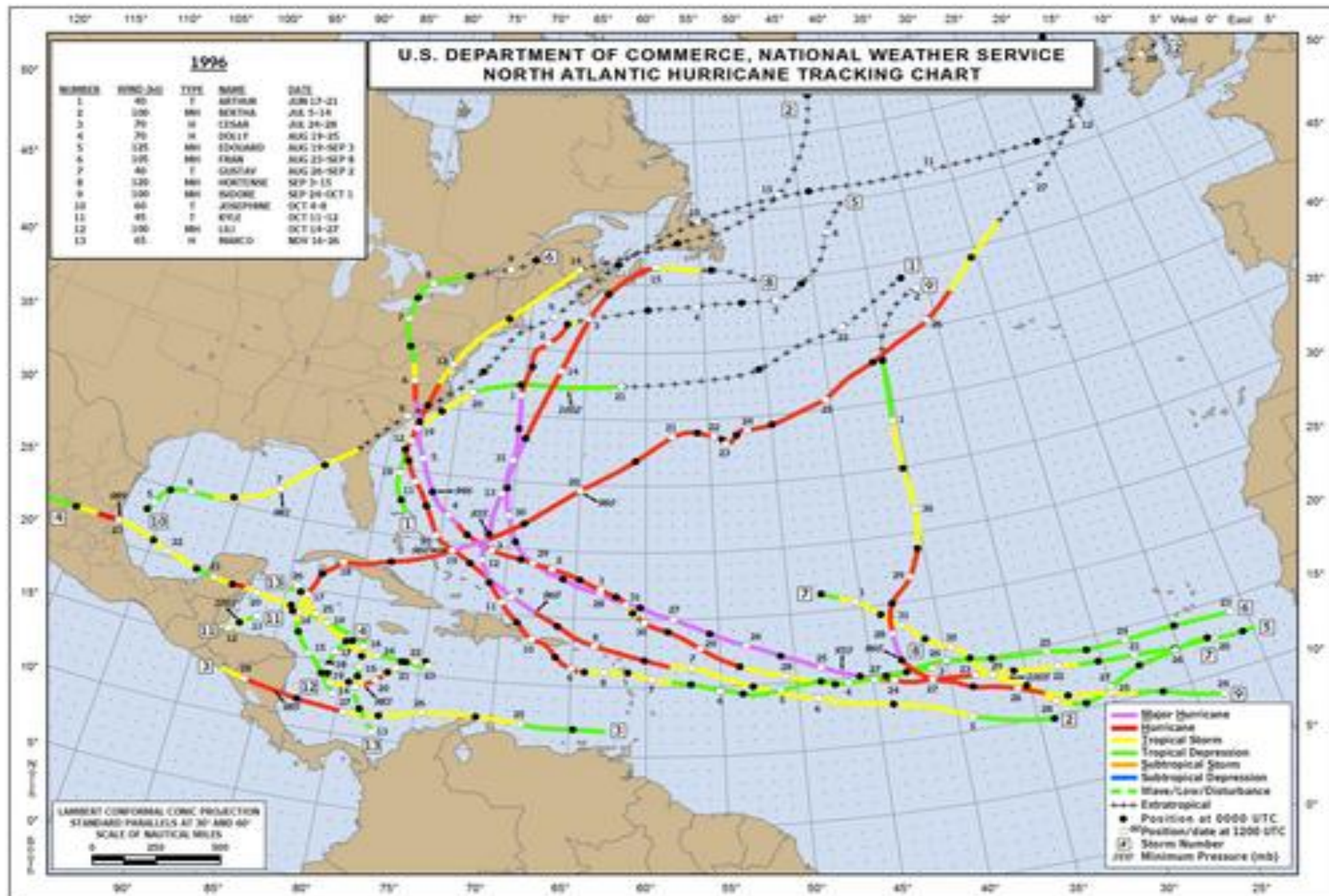
- “THOSE WHO FAIL TO LEARN FROM HISTORY
- ARE CONDEMNED TO REPEAT IT”
- WINSTON CHURCHILL

2022 VS PREVIOUS YEARS

- the deep tropics will see above average ocean water temperatures, much like what we have seen during the last several hurricane seasons, during July, August and September. In addition, it looks like the Western African Monsoon will be active this year leading to the development of some strong tropical waves moving off of Africa.

2022 VS PREVIOUS YEARS

- **Sea surface temps are similar to 1989 2012 and 2018, Atlantic basin will be in a transitional from La Nina to neutral position by early summer, western African Monsoon season will be active this year. Those are some highly rated indicators for the upcoming Hurricane season.**

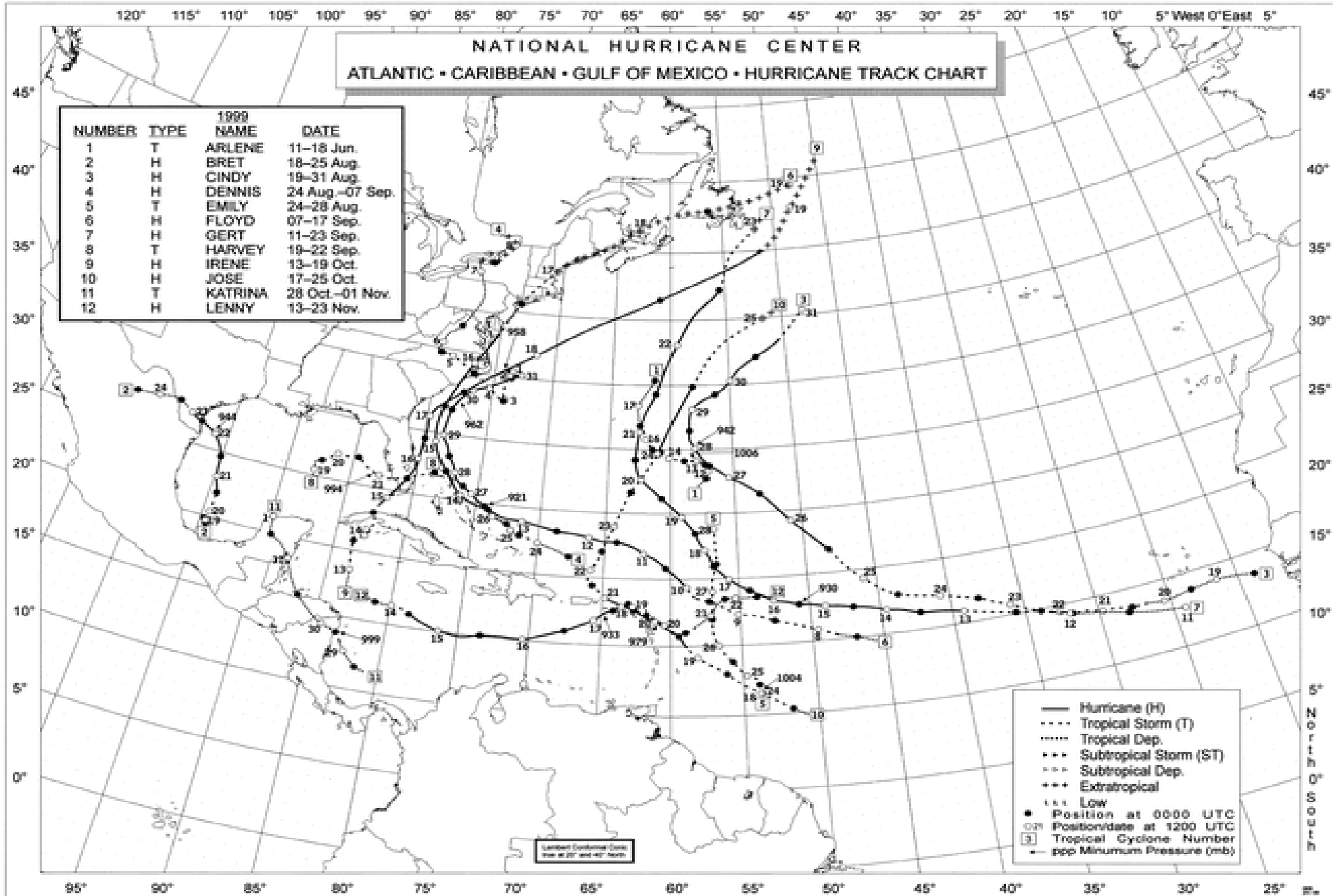


NATIONAL HURRICANE CENTER
ATLANTIC • CARIBBEAN • GULF OF MEXICO • HURRICANE TRACK CHART

NUMBER	TYPE	1999 NAME	DATE
1	T	ARLENE	11-18 Jun.
2	H	BRET	18-25 Aug.
3	H	CINDY	19-31 Aug.
4	H	DENNIS	24 Aug.-07 Sep.
5	T	EMILY	24-28 Aug.
6	H	FLOYD	07-17 Sep.
7	H	GERT	11-23 Sep.
8	T	HARVEY	19-22 Sep.
9	H	IRENE	13-19 Oct.
10	H	JOSE	17-25 Oct.
11	T	KATRINA	28 Oct.-01 Nov.
12	H	LENNY	13-23 Nov.

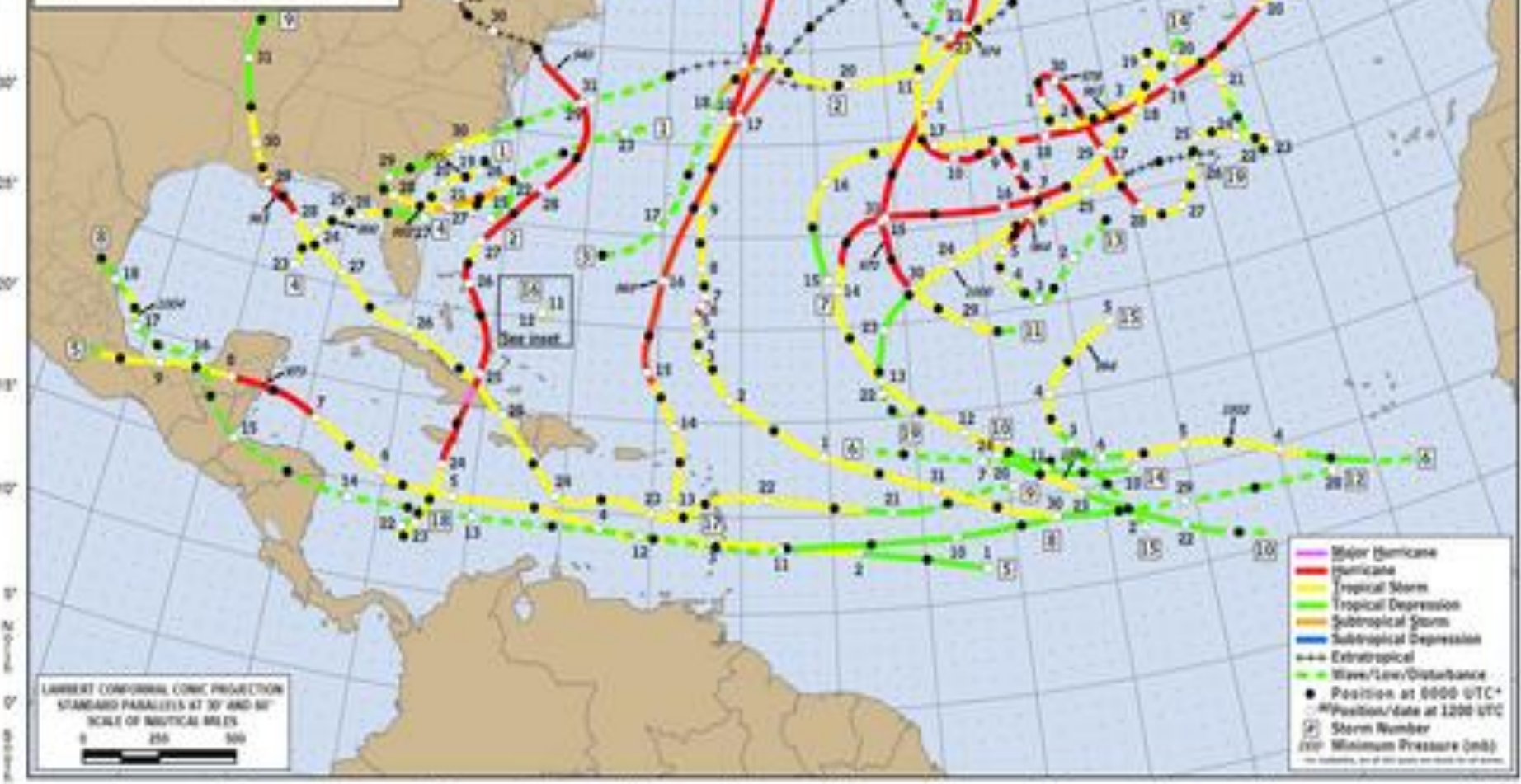
- Hurricane (H)
- - - Tropical Storm (T)
- · · Tropical Dep.
- · · Subtropical Storm (ST)
- · · Subtropical Dep.
- · · Extratropical
- · · Low
- Position at 0000 UTC
- Position/date at 1200 UTC
- ③ Tropical Cyclone Number
- mmp Minimum Pressure (mb)

Lambert Conformal Conic
Projection, Standard Parallels
30°N and 45°N



NORTH ATLANTIC HURRICANE TRACKING CHART

NUMBER	WIND SPD	TYPE	NAME	DATE
1	50	T	ALBERTO	MAY 19-22
2	60	T	BERT	MAY 20-24
3	75	H	CHRIS	JUN 18-22
4	55	T	DEBBY	JUN 27-27
5	60	H	EMILIO	AUG 1-19
6	50	T	FLORENCE	AUG 3-4
7	95	H	GORDON	AUG 15-20
8	40	T	HELENE	AUG 9-18
9	70	H	ISAAC	AUG 21-SEP 1
10	50	T	JOYCE	AUG 22-24
11	90	H	KIM	AUG 25-SEP 2
12	70	H	LENN	AUG 30-SEP 2
13	100	SH	MICHAEL	SEP 5-12
14	60	H	NADINE	SEP 10-OCT 3
15	40	T	OSCAR	OCT 3-5
16	40	T	PATTY	OCT 11-13
17	80	H	RAMON	OCT 12-17
18	100	SH	SANDY	OCT 23-29
19	40	T	TONY	OCT 23-25



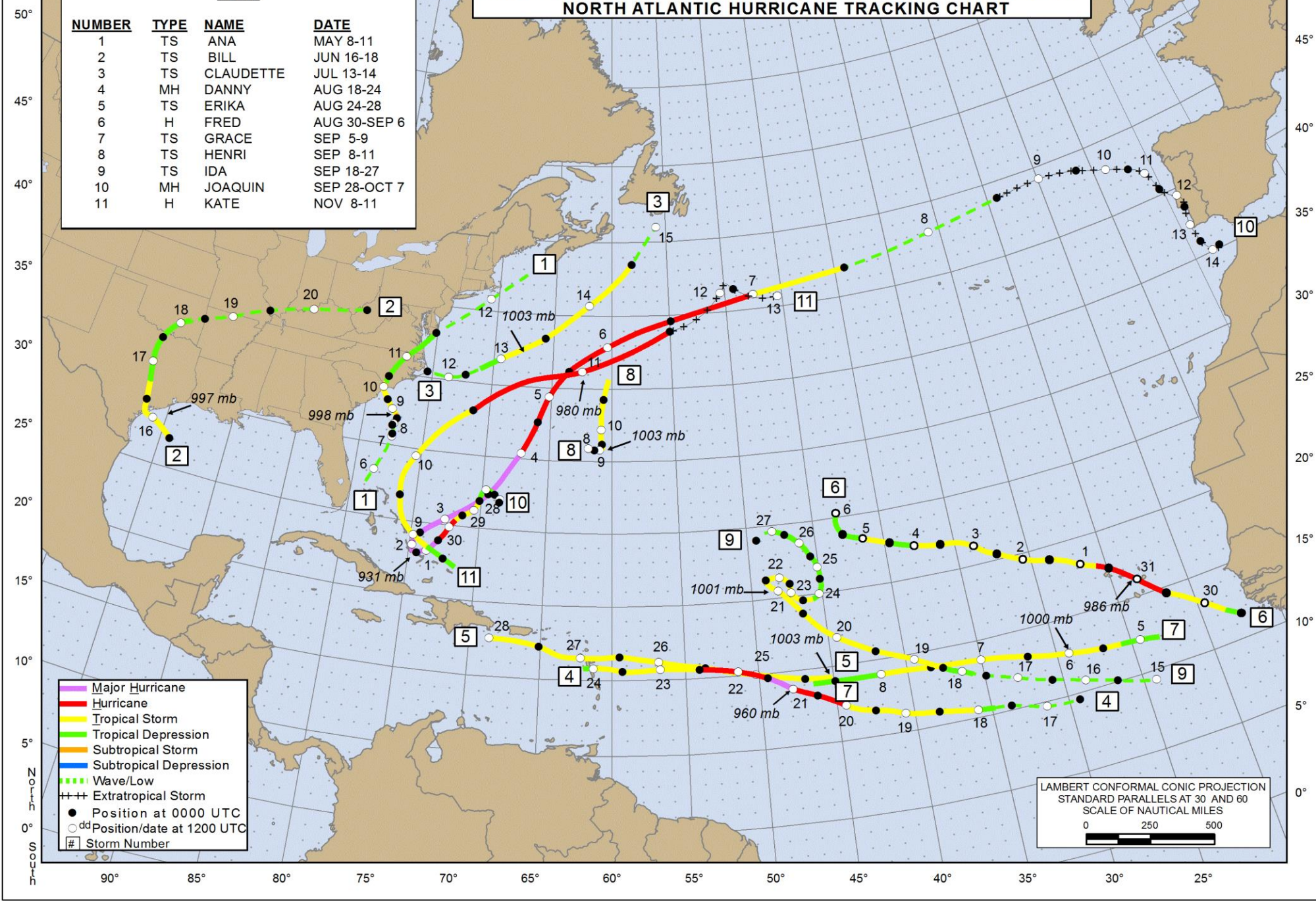
LAMBERT CONFORMAL CONIC PROJECTION
 STANDARD PARALLELS AT 30° AND 60°
 SCALE OF NAUTICAL MILES
 0 250 500

- Major Hurricane
- Hurricane
- Tropical Storm
- Tropical Depression
- Subtropical Storm
- Subtropical Depression
- - - Extratropical
- - - Wave/Low/Disturbance
- Position at 0000 UTC
- Position/date at 1200 UTC
- Ⓜ Storm Number
- Ⓜ Minimum Pressure (mb)

2015

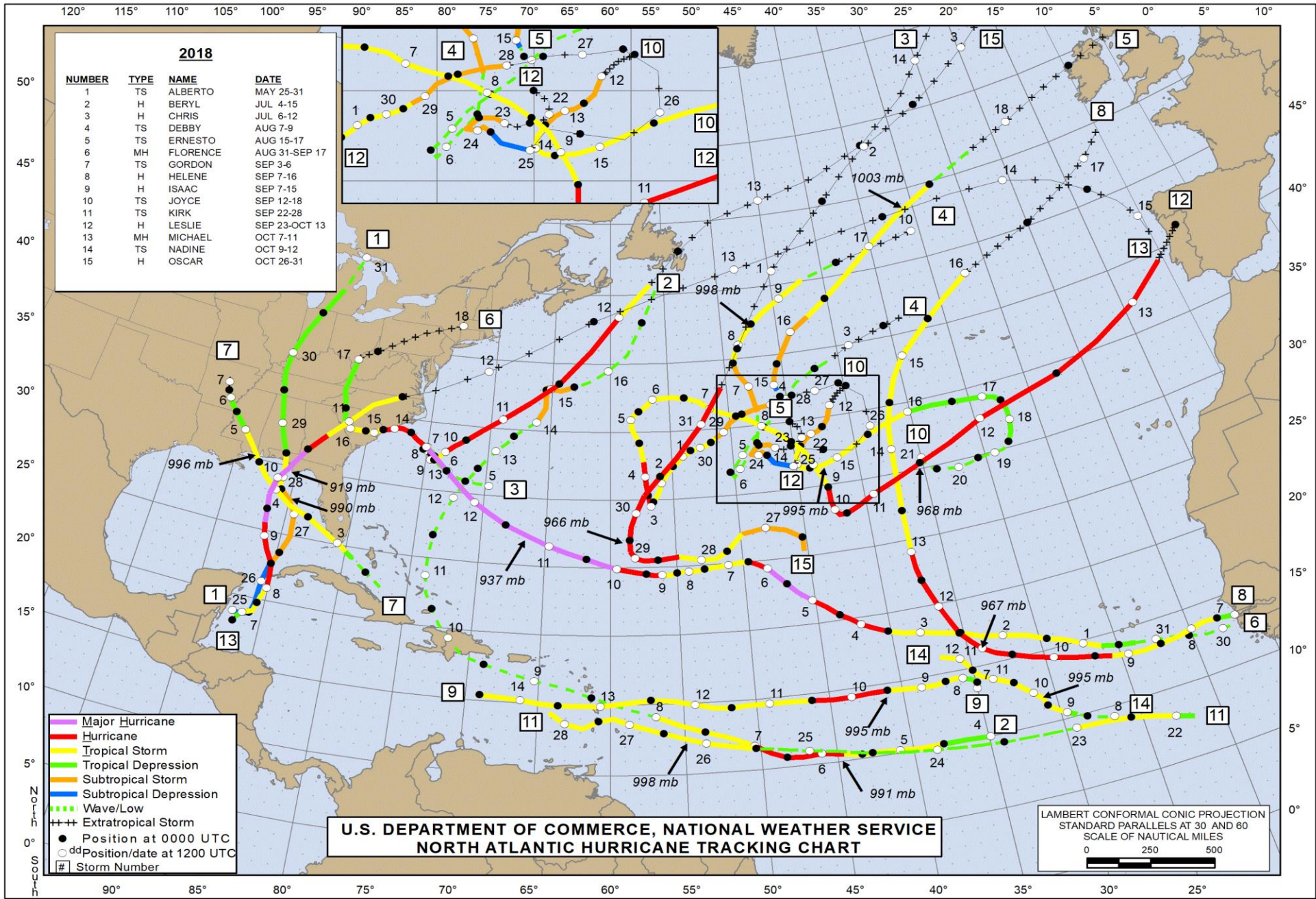
U.S. DEPARTMENT OF COMMERCE, NATIONAL WEATHER SERVICE
NORTH ATLANTIC HURRICANE TRACKING CHART

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 24-28
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 8-11



— 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

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
- # Storm Number

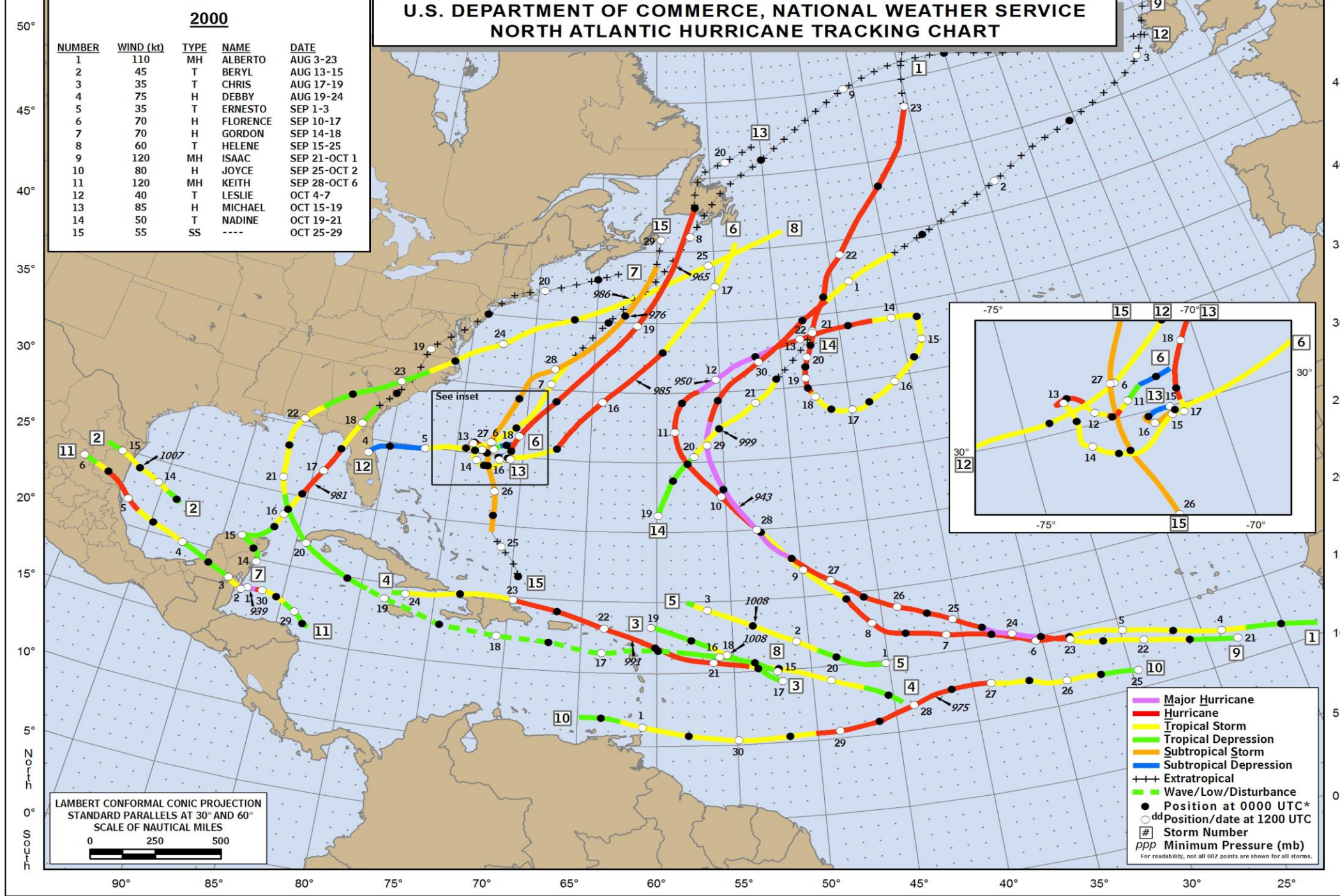
**U.S. DEPARTMENT OF COMMERCE, NATIONAL WEATHER SERVICE
NORTH ATLANTIC HURRICANE TRACKING CHART**

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

2000

NUMBER	WIND (kt)	TYPE	NAME	DATE
1	110	MH	ALBERTO	AUG 3-23
2	45	T	BERYL	AUG 13-15
3	35	T	CHRIS	AUG 17-19
4	75	H	DEBBY	AUG 19-24
5	35	T	ERNESTO	SEP 1-3
6	70	H	FLORENCE	SEP 10-17
7	70	H	GORDON	SEP 14-18
8	60	T	HELENE	SEP 15-25
9	120	MH	ISAAC	SEP 21-OCT 1
10	80	H	JOYCE	SEP 25-OCT 2
11	120	MH	KEITH	SEP 28-OCT 6
12	40	T	LESLIE	OCT 4-7
13	85	H	MICHAEL	OCT 15-19
14	50	T	NADINE	OCT 19-21
15	55	SS	----	OCT 25-29



— Major Hurricane
— Hurricane
— Tropical Storm
— Tropical Depression
— Subtropical Storm
— Subtropical Depression
+++ Extratropical
- - - Wave/Low/Disturbance
● Position at 0000 UTC*
○ Position/date at 1200 UTC
Storm Number
ppp Minimum Pressure (mb)
For readability, not all 00Z points are shown for all storms.

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

- Coastal residents are reminded that it only takes one hurricane making landfall to make it an active season for them, and they need to prepare the same for every season, regardless of how much activity is predicted **AUGUST 26, 1992**
ANDREW