

## 2007 Maps

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Map 2.1  
Typical 2006, 2007 Afternoon  
Thunderstorm Patterns



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

NUMBER	TYPE	1995 NAME	DATE
1	H	ALLISON	JUN 03 - 06
2	T	BARRY	JUL 06 - 10
3	T	CHANTAL	JUL 12 - 20
4	T	DEAN	JUL 28 - AUG 02
5	H	ERIN	JUL 31 - AUG 06
6	H	FELIX	AUG 08 - 22
7	T	GABRIELLE	AUG 09 - 12
8	H	HUMBERTO	AUG 22 - SEP 01
9	H	IRIS	AUG 22 - SEP 04

**Map 2.2  
1995**

NUMBER	TYPE	1995 NAME	DATE
10	T	JERRY	AUG 22 - 28
11	T	KAREN	AUG 26 - SEP 03
12	H	LUIS	AUG 27 - SEP 11
13	H	MARILYN	SEP 12 - 22
14	H	NOEL	SEP 26 - OCT 07
15	H	OPAL	SEP 27 - OCT 05
16	T	PABLO	OCT 04 - 08
17	H	ROXANNE	OCT 07 - 21
18	T	SEBASTIEN	OCT 20 - 25
19	H	TANYA	OCT 27 - NOV 01

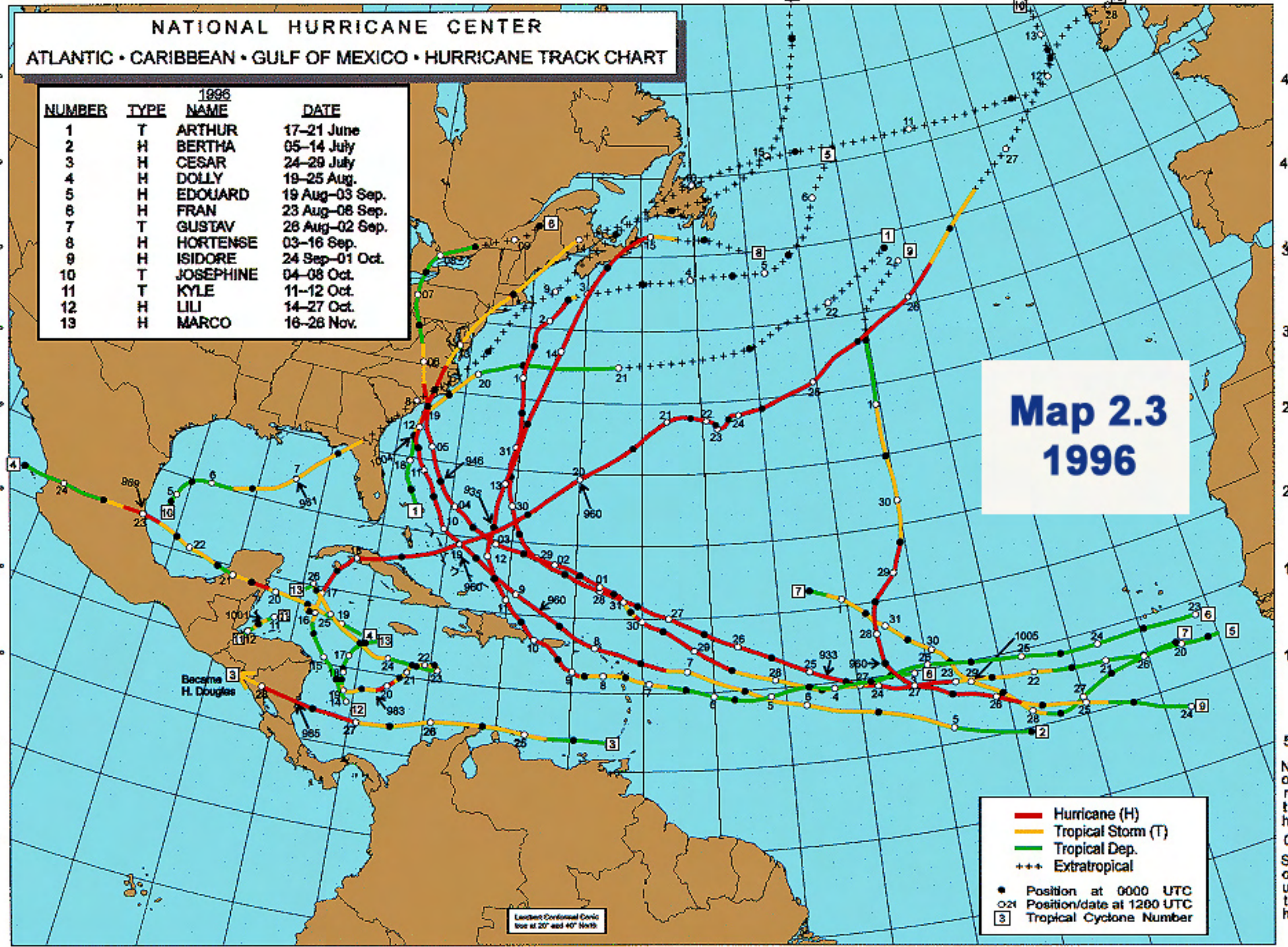
— Hurricane  
— Tropical Storm  
— Tropical Dep.  
 +++ Extratropical  
 ● Position at 0000 UTC  
 ○ Position/date at 1200 UTC  
3 Tropical Cyclone Number

Lambert Conformal Conic  
true at 50° and 40° North

**NATIONAL HURRICANE CENTER**  
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NUMBER	TYPE	1996 NAME	DATE
1	T	ARTHUR	17-21 June
2	H	BERTHA	05-14 July
3	H	CESAR	24-29 July
4	H	DOLLY	19-25 Aug.
5	H	EDOUARD	19 Aug-03 Sep.
6	H	FRAN	23 Aug-08 Sep.
7	T	GUSTAV	28 Aug-02 Sep.
8	H	HORTENSE	03-16 Sep.
9	H	ISIDORE	24 Sep-01 Oct.
10	T	JOSEPHINE	04-08 Oct.
11	T	KYLE	11-12 Oct.
12	H	LILI	14-27 Oct.
13	H	MARCO	16-26 Nov.

**Map 2.3**  
**1996**



— Hurricane (H)  
— Tropical Storm (T)  
— Tropical Dep.  
 +++ Extratropical  
 • Position at 0000 UTC  
 ○ Position/date at 1200 UTC  
3 Tropical Cyclone Number

Least Continental Coasts (see at 20° and 40° North)

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°

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

NUMBER	TYPE	1997 NAME	DATE
1	ST	—	01-02 June
2	T	ANA	30 June-04 July
3	H	BILL	11-13 July
4	T	CLAUDETTE	13-16 July
5	H	DANNY	16-26 July
6	H	ERIKA	03-15 Sep.
7	T	FABIAN	04-08 Oct.
8	T	GRACE	16-17 Oct.

Map 2.4  
 1997

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

Lambert Conformal Conic  
 true at 20° and 40° North

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°

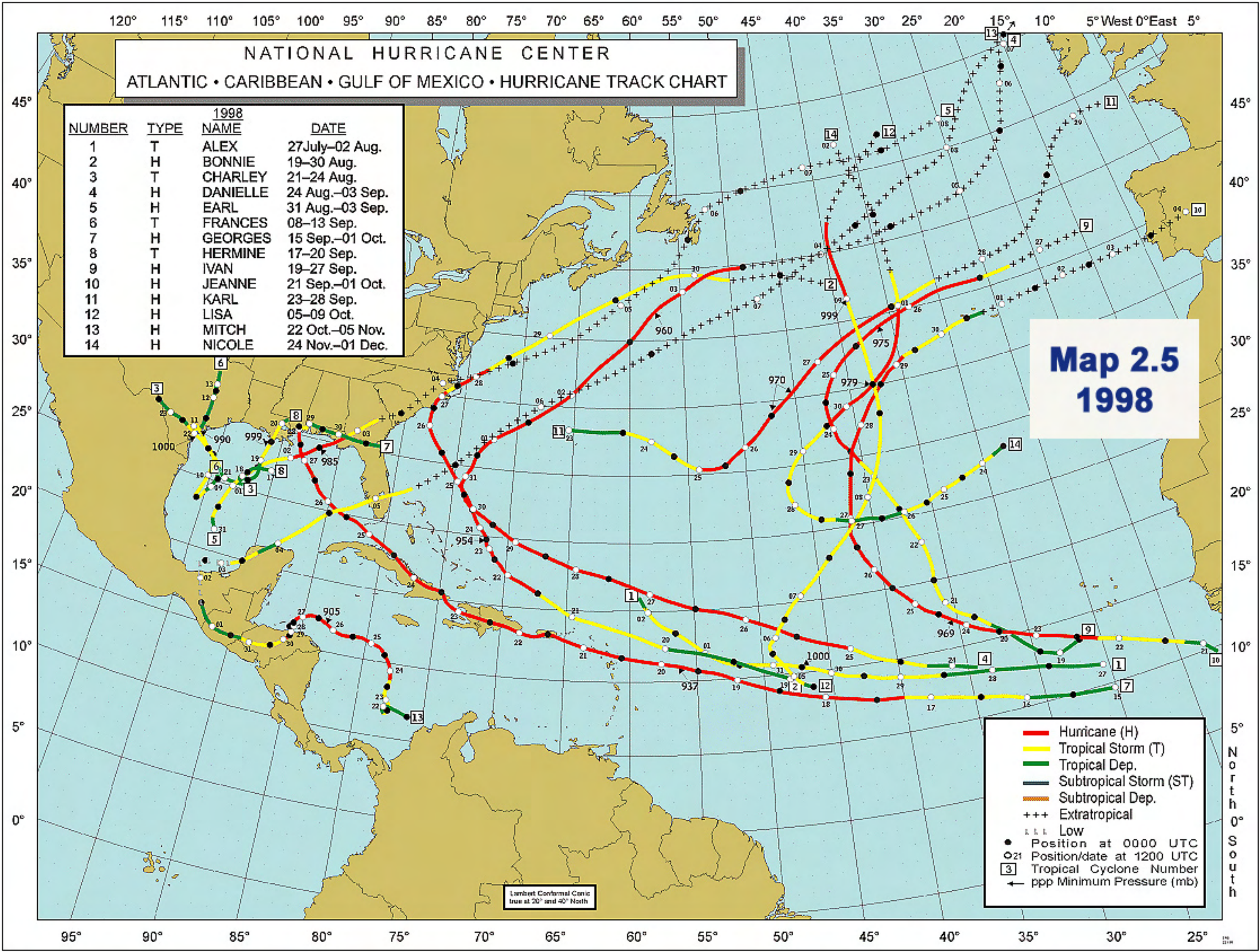
NATIONAL HURRICANE CENTER  
ATLANTIC • CARIBBEAN • GULF OF MEXICO • HURRICANE TRACK CHART

NUMBER	TYPE	1998 NAME	DATE
1	T	ALEX	27 July–02 Aug.
2	H	BONNIE	19–30 Aug.
3	T	CHARLEY	21–24 Aug.
4	H	DANIELLE	24 Aug.–03 Sep.
5	H	EARL	31 Aug.–03 Sep.
6	T	FRANCES	08–13 Sep.
7	H	GEORGES	15 Sep.–01 Oct.
8	T	HERMINE	17–20 Sep.
9	H	IVAN	19–27 Sep.
10	H	JEANNE	21 Sep.–01 Oct.
11	H	KARL	23–28 Sep.
12	H	LISA	05–09 Oct.
13	H	MITCH	22 Oct.–05 Nov.
14	H	NICOLE	24 Nov.–01 Dec.

**Map 2.5  
1998**

- 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
- ← ppp Minimum Pressure (mb)

Lambert Conformal Conic  
true at 20° and 40° North



95° 90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35° 30° 25°

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°

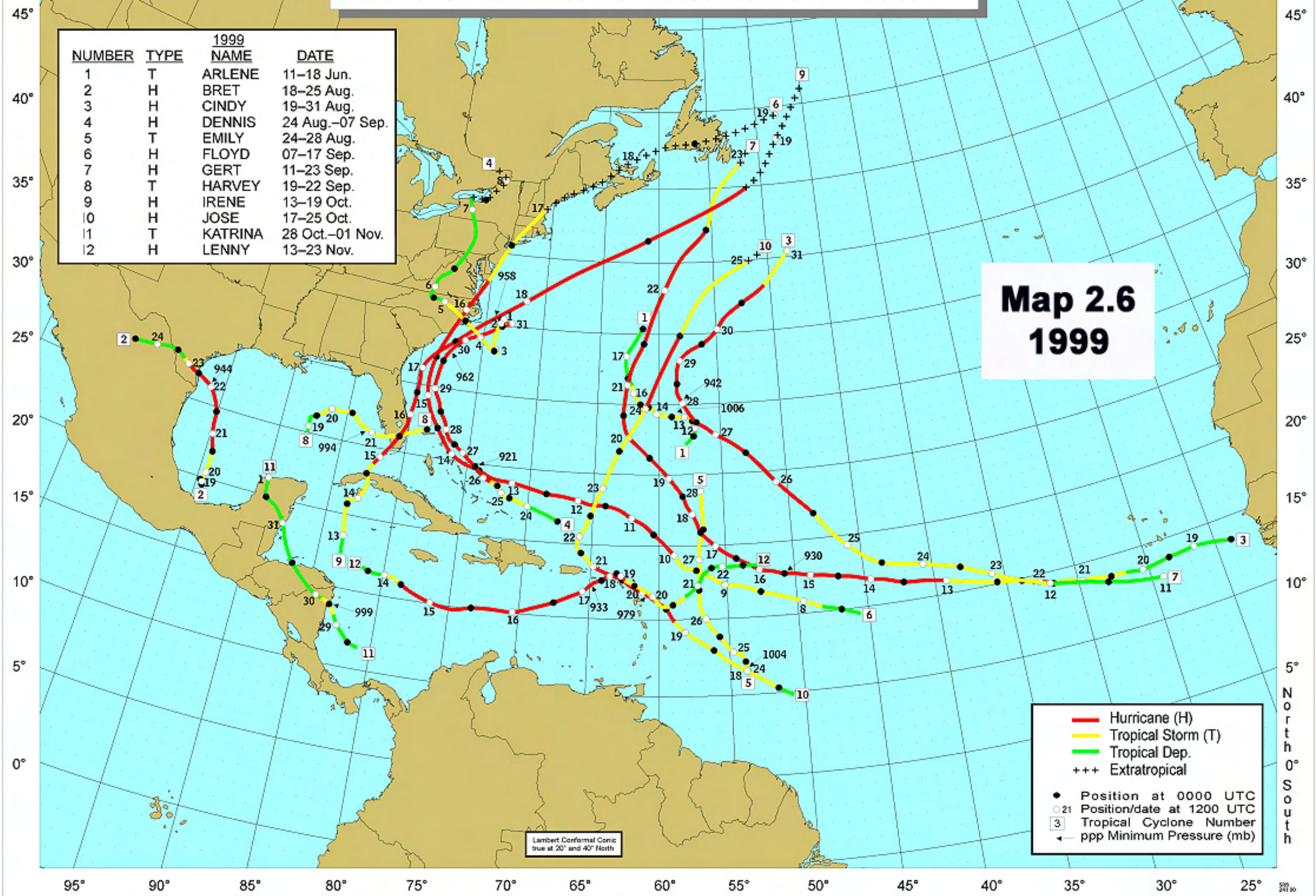
NATIONAL HURRICANE CENTER  
ATLANTIC • CARIBBEAN • GULF OF MEXICO • HURRICANE TRACK CHART

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.

Map 2.6  
1999

- Hurricane (H)
- Tropical Storm (T)
- Tropical Dep.
- +++ Extratropical
- Position at 0000 UTC
- 21 Position/date at 1200 UTC
- ③ Tropical Cyclone Number
- ← ppp Minimum Pressure (mb)

Lambert Conformal Conic  
true at 20° and 40° North



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°

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

NUMBER	TYPE	2000 NAME	DATE
1	H	ALBERTO	03-23 Aug.
2	T	BERYL	13-15 Aug.
3	T	CHRIS	17-19 Aug.
4	H	DEBBY	19-24 Aug.
5	T	ERNESTO	01-03 Sep.
6	H	FLORENCE	10-17 Sep.
7	H	GORDON	14-18 Sep.
8	T	HELENE	15-25 Sep.
9	H	ISAAC	21 Sep.-01 Oct.
10	H	JOYCE	25 Sep.-02 Oct.
11	H	KEITH	28 Sep.-06 Oct.
12	T	LESLIE	04-07 Oct.
13	H	MICHAEL	15-19 Oct.
14	T	NADINE	19-21 Oct.
15	ST	-	25-29 Oct.

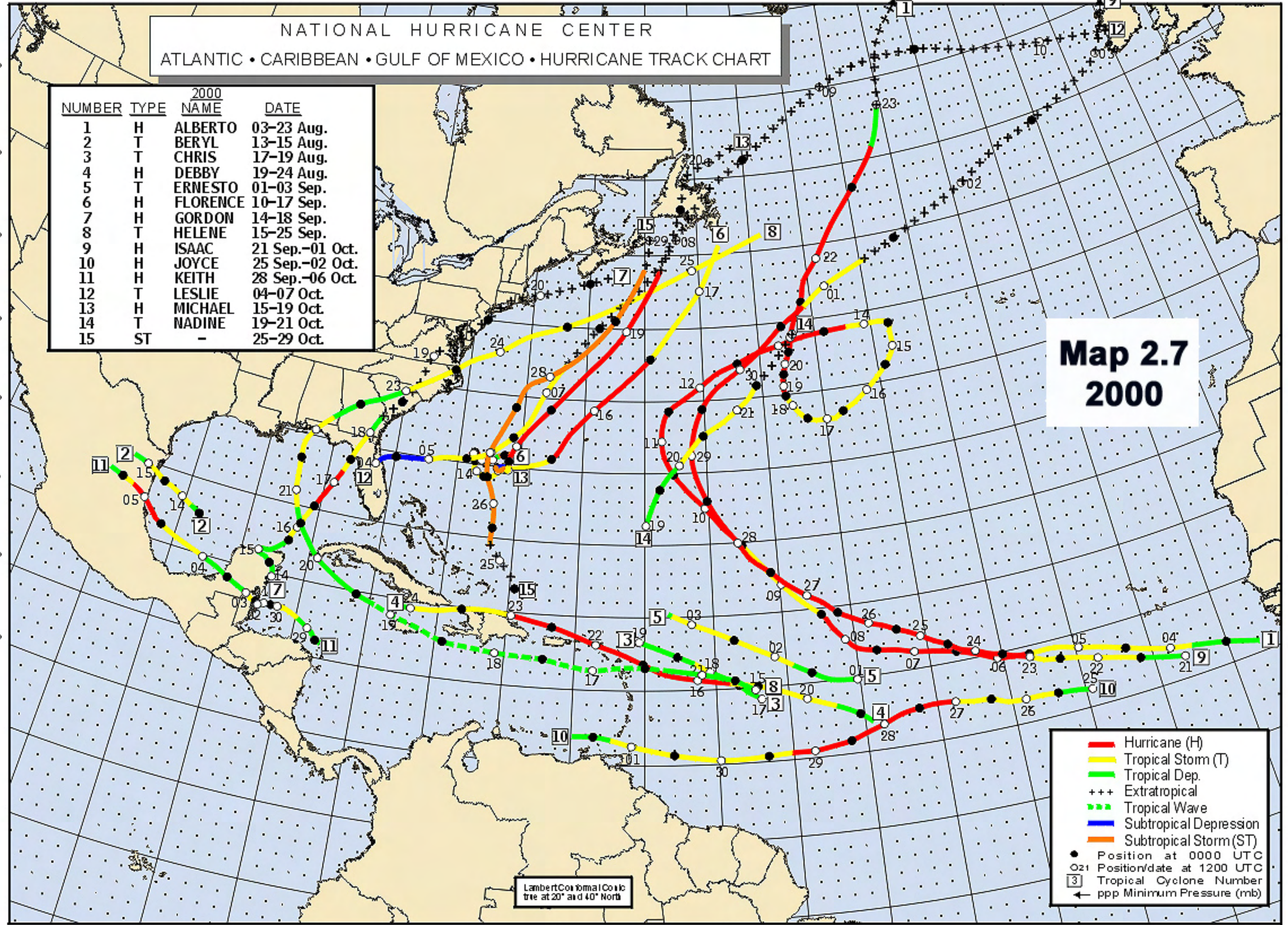
**Map 2.7**  
**2000**

- Hurricane (H)
- Tropical Storm (T)
- Tropical Dep.
- +++ Extratropical
- - - Tropical Wave
- Subtropical Depression
- Subtropical Storm (ST)
- Position at 0000 UTC
- Position/date at 1200 UTC
- ③ Tropical Cyclone Number
- ← ppp Minimum Pressure (mb)

Lambert Conformal Conic  
Projection at 20° and 40° North

5° North  
0° South  
5° South

5° North  
0° South  
5° South



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°

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

NUMBER	TYPE	2001 NAME	DATE
1	T	ALLISON	05-17 Jun.
2	T	BARRY	02-07 Aug.
3	T	CHANTAL	14-22 Aug.
4	T	DEAN	22-28 Aug.
5	H	ERIN	01-15 Sep.
6	H	FELIX	07-18 Sep.
7	H	GABRIELLE	11-19 Sep.
8	H	HUMBERTO	21-27 Sep.
9	T	IRIS	04-09 Oct.
10	T	JERRY	06-08 Oct.
11	H	KAREN	12-15 Oct.
12	T	LORENZO	27-31 Oct.
13	H	NICHELLE	29 Oct.-05 Nov.
14	H	NOEL	04-06 Nov.
15	H	OLGA	24 Nov.-04 Dec.

**Map 2.8  
2001**

- Hurricane (H)
- Tropical Storm (T)
- Tropical Dep.
- - - Extratropical
- - - Tropical Wave
- Subtropical Depression
- Subtropical Storm (ST)
- L Low
- Position at 0000 UTC
- Position/date at 1200 UTC
- 3 Tropical Cyclone Number

Lambert Conformal Conic  
Projections at 20° and 40° North

North  
South

North  
South

95° 90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35° 30° 25°

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°

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

NUMBER	TYPE	2002 NAME	DATE
1	T	ARTHUR	14 - 16 Jul.
2	T	BERTHA	04 - 09 Aug.
3	T	CRISTOBAL	05 - 08 Aug.
4	T	DOLLY	29 Aug. - 04 Sep.
5	T	EDOUARD	01 - 06 Sep.
6	T	FAY	05 - 08 Sep.
7	H	GUSTAV	08 - 12 Sep.
8	T	HANNA	12 - 15 Sep.
9	H	ISIDORE	14 - 27 Sep.
10	T	JOSEPHINE	17 - 19 Sep.
11	H	KYLE	20 Sep. - 12 Oct.
12	H	LILI	21 Sep. - 04 Oct.

**Map 2.9  
2002**

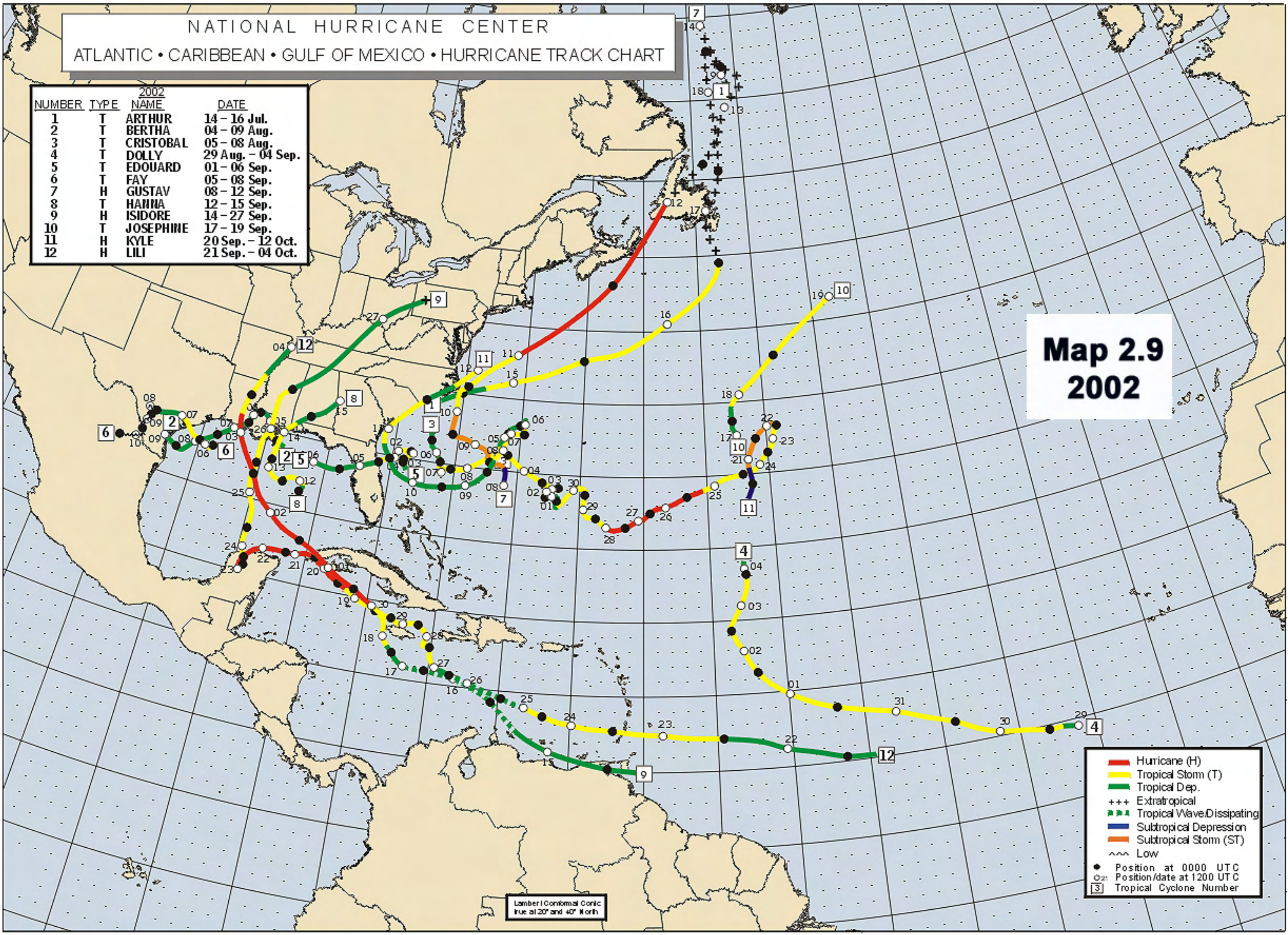
- Hurricane (H)
- Tropical Storm (T)
- Tropical Dep.
- +++ Extratropical
- - - Tropical Wave/Dissipating
- Subtropical Depression
- Subtropical Storm (ST)
- ~ Low
- Position at 0000 UTC
- Position/date at 1200 UTC
- [ ] Tropical Cyclone Number

Lambert Conformal Conic  
 True at 20° and 40° North

North  
0°  
South

North  
0°  
South

95° 90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35° 30° 25°

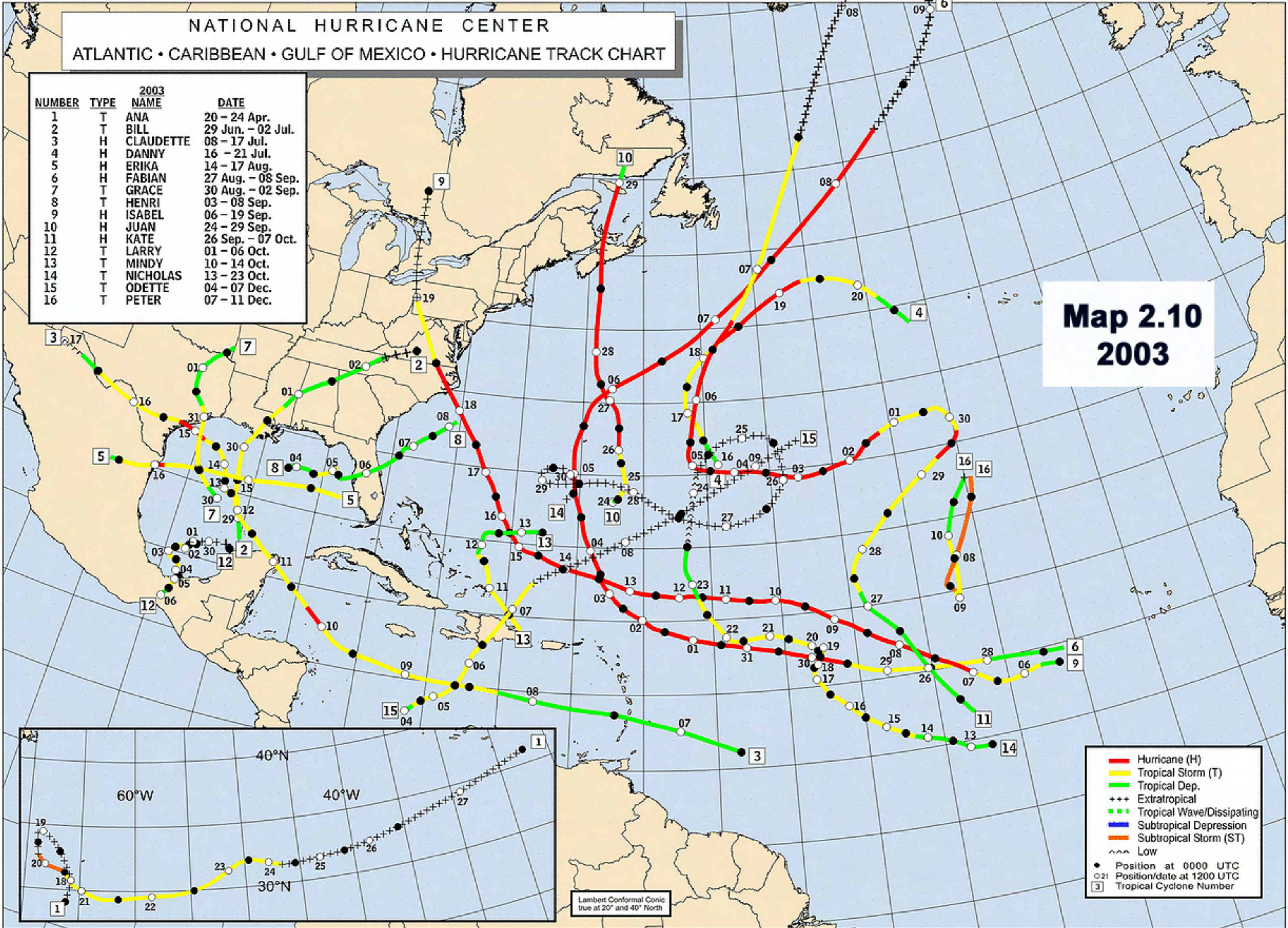


120° 115° 110° 105° 100° 95° 90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35° 30° 25° 20° 15° 10° 5° West 0° East 5°

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

NUMBER	TYPE	2003 NAME	DATE
1	T	ANA	20 - 24 Apr.
2	T	BILL	29 Jun. - 02 Jul.
3	H	CLAUDETTE	08 - 17 Jul.
4	H	DANNY	16 - 21 Jul.
5	H	ERIKA	14 - 17 Aug.
6	H	FABIAN	27 Aug. - 08 Sep.
7	T	GRACE	30 Aug. - 02 Sep.
8	T	HENRI	03 - 08 Sep.
9	H	ISABEL	06 - 19 Sep.
10	H	JUAN	24 - 29 Sep.
11	H	KATE	26 Sep. - 07 Oct.
12	T	LARRY	01 - 06 Oct.
13	T	MINDY	10 - 14 Oct.
14	T	NICHOLAS	13 - 23 Oct.
15	T	ODETTE	04 - 07 Dec.
16	T	PETER	07 - 11 Dec.

Map 2.10  
2003



- Hurricane (H)
- Tropical Storm (T)
- Tropical Dep.
- +++ Extratropical
- - - Tropical Wave/Dissipating
- Subtropical Depression
- Subtropical Storm (ST)
- ~ Low
- Position at 0000 UTC
- Position/date at 1200 UTC
- ③ Tropical Cyclone Number

Lambert Conformal Conic  
true at 20° and 40° North

95° 90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35° 30° 25°

North  
South

North  
South

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°

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

2004			
NUMBER	TYPE	NAME	DATE
1	H	ALEX	31 Jul.-6 Aug.
2	T	BONNIE	3-13 Aug.
3	H	CHARLEY	9-14 Aug.
4	H	DANIELLE	13-21 Aug.
5	T	EARL	13-15 Aug.
6	H	FRANCES	25 Aug.-8 Sep.
7	H	GASTON	27 Aug.-1 Sep.
8	T	HERMINE	27-31 Aug.
9	H	IVAN	2-24 Sep.
10	H	JEANNE	13-28 Sep.
11	H	KARL	16-24 Sep.
12	H	LISA	19 Sep.-3 Oct.
13	T	MATTHEW	8-10 Oct.
14	ST	NICOLE	10-11 Oct.
15	T	OTTO	29 Nov.-3 Dec.

**Map 2.11**  
**2004**

- Hurricane (H)
- Tropical Storm (T)
- Tropical Dep.
- +++ Extratropical
- - - Wave/Low
- Subtropical Depression
- Subtropical Storm (ST)

- Position at 0000 UTC
- Position/date at 1200 UTC
- ③ Tropical Cyclone Number

Lambert Conformal Conic  
 true at 20° and 49° North

North  
0°  
South

North  
0°  
South

95° 90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35° 30° 25°

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°

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

**Map 2.12  
2005**

2005			
NUMBER	TYPE	NAME	DATE
1	T	ARLENE	8 Jun.-13 Jun.
2	T	BRET	28 Jun.-30 Jun.
3	H	CINDY	3 Jul.-7 Jul.
4	H	DENNIS	4 Jul.-13 Jul.
5	H	EMILY	11 Jul.-21 Jul.
6	T	FRANKLIN	21 Jul.-29 Jul.
7	T	GERT	23 Jul.-25 Jul.
8	T	HARVEY	2 Aug.-8 Aug.
9	H	IRENE	4 Aug.-18 Aug.
10	T	JOSE	22 Aug.-23 Aug.
11	H	KATRINA	23 Aug.-30 Aug.
12	T	LEE	28 Aug.-2 Sep.
13	H	MARIA	1 Sep.-10 Sep.

NUMBER	TYPE	NAME	DATE
14	H	NATE	5 Sep.-10 Sep.
15	H	OPHELIA	6 Sep.-17 Sep.
16	H	PHILIPPE	17 Sep.-23 Sep.
17	H	RITA	18 Sep.-26 Sep.
18	H	STAN	1 Oct.-5 Oct.
19	ST	UNNAMED	4 Oct.-5 Oct.
20	T	TAMMY	5 Oct.-6 Oct.
21	H	VINCE	8 Oct.-11 Oct.
22	H	WILMA	15 Oct.-25 Oct.
23	T	ALPHA	22 Oct.-24 Oct.
24	H	BETA	26 Oct.-31 Oct.
25	T	GAMMA	14 Nov.-21 Nov.
26	T	DELTA	22 Nov.-28 Nov.
27	H	EPSILON	29 Nov.-8 Dec.
28	T	ZETA	30 Dec.-6 Jan. 2006

- Hurricane (H)
- Tropical Storm (T)
- Tropical Dep.
- +++ Extratropical
- Wave/Low
- Subtropical Depression
- Subtropical Storm (ST)
- Position at 0000 UTC
- 21 Position/date at 1200 UTC
- 5 Tropical Cyclone Number

Lambert Conformal Conic  
true at 20° and 40° North

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°

**NATIONAL HURRICANE CENTER**  
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**Map 2.13**  
**2006**

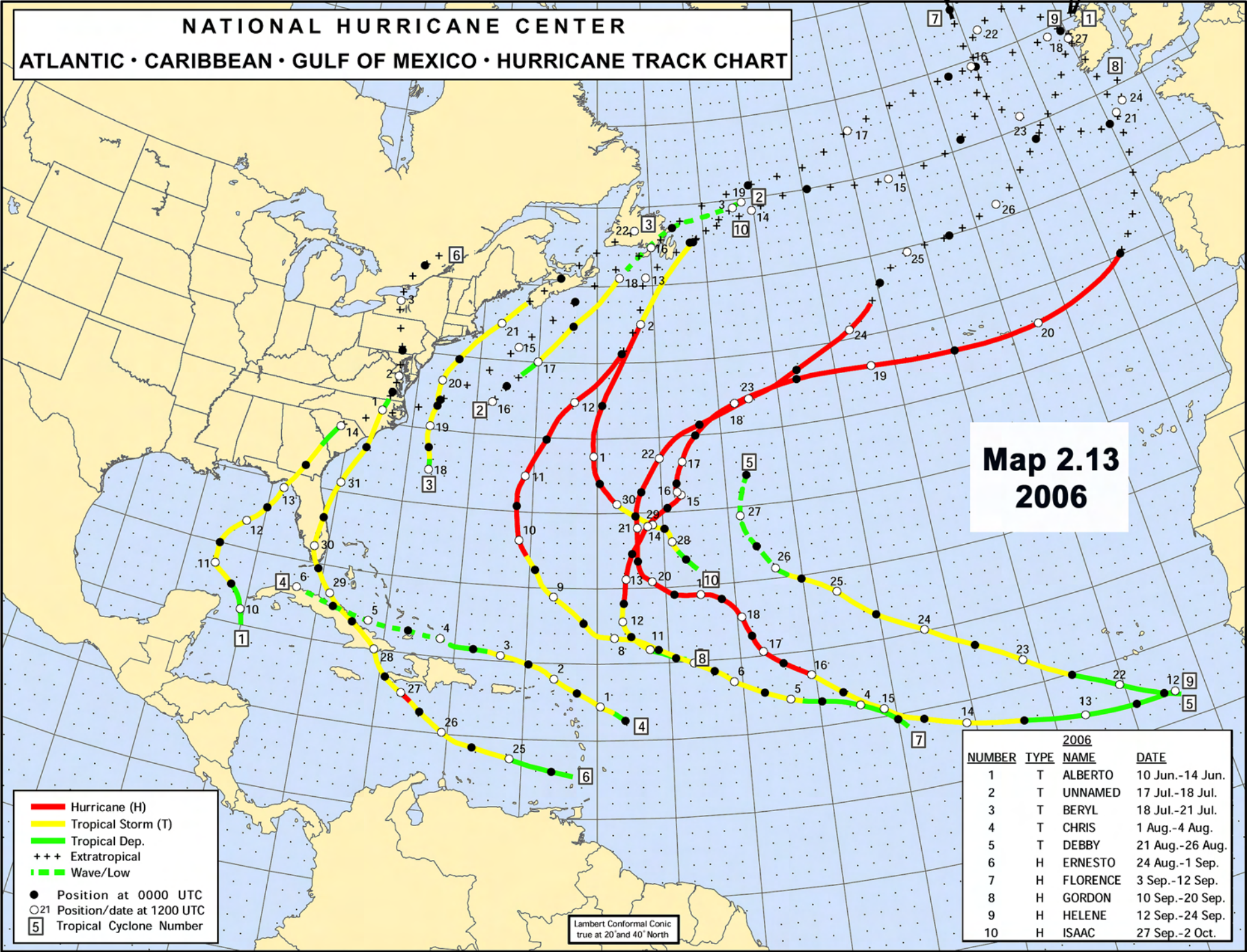
- Hurricane (H)
- Tropical Storm (T)
- Tropical Dep.
- +++ Extratropical
- - - Wave/Low
- Position at 0000 UTC
- <sub>21</sub> Position/date at 1200 UTC
- 5 Tropical Cyclone Number

2006			
NUMBER	TYPE	NAME	DATE
1	T	ALBERTO	10 Jun.-14 Jun.
2	T	UNNAMED	17 Jul.-18 Jul.
3	T	BERYL	18 Jul.-21 Jul.
4	T	CHRIS	1 Aug.-4 Aug.
5	T	DEBBY	21 Aug.-26 Aug.
6	H	ERNESTO	24 Aug.-1 Sep.
7	H	FLORENCE	3 Sep.-12 Sep.
8	H	GORDON	10 Sep.-20 Sep.
9	H	HELENE	12 Sep.-24 Sep.
10	H	ISAAC	27 Sep.-2 Oct.

Lambert Conformal Conic true at 20° and 40° North

North  
0°  
South

90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35° 30° 25°



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°

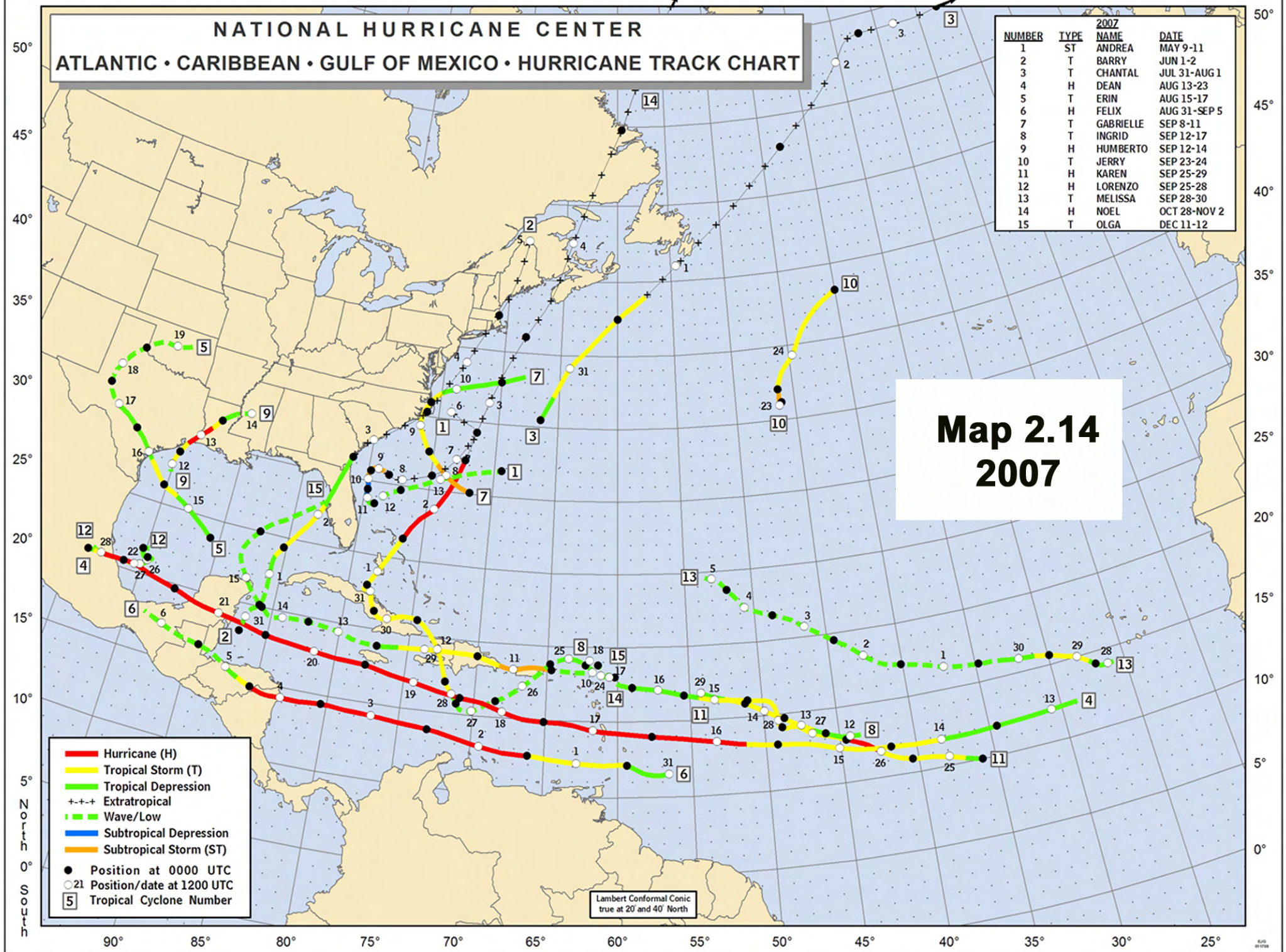
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**ATLANTIC • CARIBBEAN • GULF OF MEXICO • HURRICANE TRACK CHART**

NUMBER	TYPE	2007 NAME	DATE
1	ST	ANDREA	MAY 9-11
2	T	BARRY	JUN 1-2
3	T	CHANTAL	JUL 31-AUG 1
4	H	DEAN	AUG 13-23
5	T	ERIN	AUG 15-17
6	H	FELIX	AUG 31-SEP 5
7	T	GABRIELLE	SEP 8-11
8	T	INGRID	SEP 12-17
9	H	HUMBERTO	SEP 12-14
10	T	JERRY	SEP 23-24
11	H	KAREN	SEP 25-29
12	H	LORENZO	SEP 25-28
13	T	MELISSA	SEP 28-30
14	H	NOEL	OCT 28-NOV 2
15	T	OLGA	DEC 11-12

**Map 2.14**  
**2007**

- Hurricane (H)
- Tropical Storm (T)
- Tropical Depression
- +--+ Extratropical
- - - Wave/Low
- Subtropical Depression
- Subtropical Storm (ST)
- Position at 0000 UTC
- Position/date at 1200 UTC
- 5 Tropical Cyclone Number

Lambert Conformal Conic true at 20° and 40° North



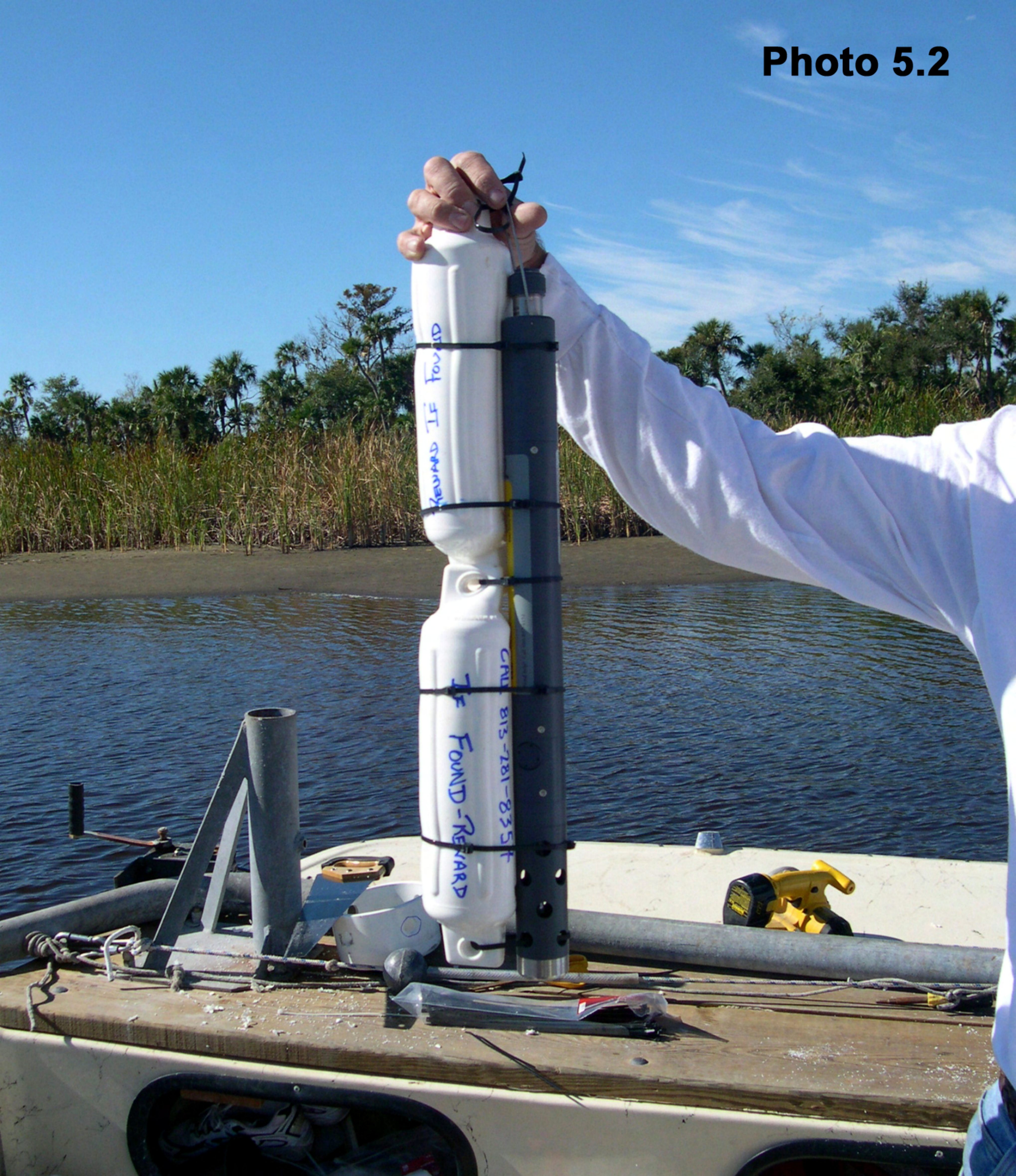
## 2007 Photographs

- **Photo 5.1** –shows strapping the PVC stilling well to the inside of one of the Manatee Speed Zone signs.
- **Photo 5.2** – shows the method used to attach the YSI conductivity/temperature sonde to the bullet floats.
- **Photo 5.3** – the YSI conductivity/temperature sonde attached to two bullet floats is shown being readied for placement in the stilling well.
- **Photo 5.4** –shows the stilling well (with the locking cap) as seen from the river.

**Photo 5.1**



Photo 5.2



**Photo 5.3**



**Photo 5.4**



# 2007 Data Sets

Data Set Name	Time Period	Brief Description
<b>HBMP SAS Data Sets</b>		
<a href="#">Flwd07.sd2</a>	1931-2007	Historic daily flow data for: Peace at Bartow, Fort Meade, Zolfo Springs and Arcadia. Daily tributary flows for: Horse Creek near Arcadia; Joshua Creek near Nocatee; Prairie Creek near Ft. Ogden; and Shell Creek near Punta Gorda. Daily flows for the Myakka River near Sarasota and Big Slough near North Port. Historic daily Peace River and Shell Creek Water Treatment Facility withdrawals. All values in cfs.
<a href="#">Cmov8307.sd2</a>	1983-2007	Water quality, and phytoplankton biomass and carbon uptake measurements (1983-1999) from monthly surface samples collected at each of the four moving isohalines. Relative locations reflect distances from the river mouth in kilometers.
<a href="#">Hymov07.sd2</a>	1983-2007	Monthly hydrolab <i>in situ</i> water quality measurements taken at 0.5 meter intervals at each of the four moving isohalines. Relative locations reflect distances from the river mouth in kilometers.
<a href="#">Hyfix07.sd2</a>	1996-2007	Monthly <i>in situ</i> hydrolab water column profile data taken at 0.5 meter intervals from fixed sample locations from near the river's mouth to just upstream of the Treatment Facility.
<a href="#">Cfix9607.sd2</a>	1996-2007	Monthly surface and bottom chemical water quality samples taken at five intervals from fixed sample locations from near the river's mouth to just upstream of the Treatment Facility.
<a href="#">Efix9607.sd2</a>	1996-2007	Water column extinction coefficients collected at the fixed sampling locations.
<a href="#">Boca04.sd2</a>	1996-2004	Water level at 15-minute intervals from the continuous recording gage near Boca Grande.
<a href="#">HH07.sd2</a>	1996-2007	Water Level, and surface and bottom conductivity and temperature at 15-minute intervals from the continuous recording gage on the Peace River near Harbor Heights (River Kilometer 15.5).
<a href="#">PRH07.sd2</a>	1997-2007	Water Level, and surface and bottom conductivity and temperature at 15-minute intervals from the continuous recording gage on the Peace River near Peace River Heights (River Kilometer 26.7).
<a href="#">MZ4_07.sd2</a>	2006-2007	Near surface conductivity and temperature at 15-minute intervals from the HBMP continuous recording gage attached to the Manatee Speed Zone Sign located on the Peace River near Liverpool side channel (River Kilometer 21.9).
<a href="#">MZ3_07.sd2</a>	2006-2007	Near surface conductivity and temperature at 15-minute intervals from the HBMP continuous recording gage attached to the Manatee Speed Zone Sign located on the Peace at River Kilometer 23.4.
<a href="#">MZ2_07.sd2</a>	2006-2007	Near surface conductivity and temperature at 15-minute intervals from the HBMP continuous recording gage attached to the Manatee Speed Zone Sign located on the Peace River just downstream of Navigator Marina (River Kilometer 24.5).
<b>Environmental Quality Laboratory Background Data Sets</b>		
<b>SAS Version 6.0.8 Data Sets</b>		
<a href="#">Chall_2.sd2</a>	1976-1990	EQL fixed station Charlotte Harbor background water chemistry data.
<a href="#">Hydroall.sd2</a>	1976-1990	EQL fixed station Charlotte Harbor hydrolab water column profile data.
<b>SAS Version 6.1.3 Data Sets</b>		
<a href="#">Chem_v12.sd2</a>	1976-1990	EQL fixed station Charlotte Harbor background water chemistry data.
<a href="#">Hall_v12.sd2</a>	1976-1990	EQL fixed station Charlotte Harbor hydrolab water column profile data.

<b>Data Set Name</b>	<b>WORK.FLWD07</b>	<b>Observations</b>	<b>28124</b>
Member Type	DATA	Variables	22
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:20 PM	Observation Length	176
Last Modified	Thursday, April 24, 2008 03:07:20 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
9	Arcadia	Num	8	8.1	F12.	Peace River at Arcadia (cfs)
17	BIGS	Num	8	8.1	F12.	Big Slough near North Port (cfs)
12	Bartow	Num	8	8.1	F12.	Peace at Bartow (cfs)
20	CHARLIE	Num	8	8.1	F12.	Charlie Creek near Gardner (cfs)
7	DATE	Num	8	DATE9.	DATE9.	DATE
5	DAY	Num	8	BEST12.	F12.	DAY
13	FTMeade	Num	8	8.1	F12.	Peace at Ft Meade (cfs)
18	F_	Num	8	BEST12.	F12.	F_Rainfall
	RAINFALL					
8	Horse	Num	8	8.1	F12.	Horse Creek near Arcadia (cfs)
10	Joshua	Num	8	8.1	F12.	Joshua Creek at Nocatee (cfs)
4	MONTH	Num	8	BEST12.	F12.	MONTH
16	MYAKKA	Num	8	8.1	F12.	Myakka River near Sarasota (cfs)
19	PAYNE	Num	8	8.1	F12.	Payne Creek near Bowling Green (cfs)
21	PHJ	Num	8	8.1		Total gaged flow upstream of the Facility
22	PHJS	Num	8	8.1		Total gaged flow to the upper harbor
2	PWITH	Num	8	8.2	F12.	Peace Facility Withdrawal (cfs)
14	Prairie	Num	8	8.1	F12.	Prairie Creek near Ft. Ogden (cfs)
1	SASDATE	Num	8	BEST12.	F12.	SAS Date
3	SWITH	Num	8	8.2	F12.	Shell Facility Withdrawal (cfs)
11	Shell	Num	8	8.1	F12.	Shell Creek near Punta Gorda (cfs)
6	YEAR	Num	8	BEST12.	F12.	YEAR
15	Zolfo	Num	8	8.1	F12.	Peace at Zolfo (cfs)

Data Set Name WORK.CMOV8307

Observations

1276

Member Type	DATA	Variables	55
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:20 PM	Observation Length	440
Last Modified	Thursday, April 24, 2008 03:07:20 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Label
47	ALK	Num	8		Alkalinity (mg/l)
24	CF1	Num	8	8.1	Chlorophyll a >20 um Fraction (mg/m3)
25	CF2	Num	8	8.1	Chlorophyll a 20><5 um Fraction (mg/m3)
26	CF3	Num	8	8.1	Chlorophyll a 5> um Fraction (mg/m3)
27	CF4	Num	8	8.1	% Chlorophyll a >20 um Size Fraction
28	CF5	Num	8	8.1	% Chlorophyll a 20><5 um Size Fraction
29	CF6	Num	8	8.1	% Chlorophyll a 5> um Size Fraction
15	CHLA	Num	8	8.1	Chlorophyll-a (ug/l)
54	CHLB	Num	8		Chlorophyll b (mg/m3)
55	CHLC	Num	8		Chlorophyll c (mg/m3)
44	CL	Num	8	8.1	Chloride (mg/l)
7	COLOR	Num	8	8.	Color (CPU)
45	DATE	Num	8	DATE8.	Date
5	DAY	Num	8	8.	Day
4	DIS	Num	8	8.1	Distance (km)
42	DOC	Num	8	8.2	Dissolved Organic Carbon (mg/l)
50	DOP	Num	8		Dissolved Orthophosphate (mg/L)
14	EXC	Num	8	8.2	Light Extinction Coefficient
18	F1	Num	8	8.2	Uptake >20 um Fraction (mg Carbon/m3/E)
19	F2	Num	8	8.2	Uptake 20><5 um Fract. (mg Carbon/m3/E)
20	F3	Num	8	8.2	Uptake 5> um Fraction (mg Carbon/m3/E)
21	F4	Num	8	8.1	% Carbon Uptake >20 um Size Fraction
22	F5	Num	8	8.1	% Carbon Uptake 20><5 um Size Fraction
23	F6	Num	8	8.1	% Carbon Uptake 5> um Size Fraction
32	IOC	Num	8	8.2	Inorganic Carbon (mg/l)
43	IRON	Num	8	8.2	Iron (mg/l)
6	LIGHT	Num	8	8.1	Light Same Day (Einsteins)
2	MONTH	Num	8	8.	Month
9	N23	Num	8	8.3	Nitrite/Nitrate (mg/l)
8	NH34	Num	8	8.3	Ammonia/Ammonium (mg/l)
11	NP	Num	8	8.1	Available N/P Ratio
33	NPA	Num	8	8.1	Available N/P Atomic Ratio
35	ONIT	Num	8	8.2	TKN - NH4 (mg/l)
10	OP	Num	8	8.3	Orthophosphorus (mg/l)
37	OPD01	Num	8	8.2	Depth 1% of Surface Light Remains (m)
38	OPD10	Num	8	8.2	Depth 10% of Surface Light Remains (m)
39	OPD50	Num	8	8.2	Depth 50% of Surface Light Remains (m)
17	P2	Num	8	8.2	Carbon Uptake (mg Carbon/m3/hr)
16	P3	Num	8	8.2	Carbon Uptake (mg Carbon/m3/E)
46	SASDATE	Num	8		SAS Date



Data Set Name WORK.CMOV8307 (continued)

13	SI	Num	8	8.2	Silica (mg/l)
51	SOURCE	Char	3		
3	STATION	Num	8	8.	Sample Location
30	TKN	Num	8	8.2	Total Kjeldahl Nitrogen (mg/l)
36	TN	Num	8	8.2	TKN + N23 (mg/l)
12	TNTP	Num	8	8.1	Total N/P Ratio
34	TNTPA	Num	8	8.1	Total N/P Atomic Ratio
41	TOC	Num	8	8.2	Total Organic Carbon (mg/l)
31	TP	Num	8	8.3	Total Phosphorus (mg/l)
48	TSS	Num	8		Total Suspended Solids (mg/l)
40	TURB	Num	8	8.2	Turbidity
52	TYPE	Char	6		
49	VSS	Num	8		Volatile Suspended Solids (mg/L)
1	YEAR	Num	8	8.	Year
53	time	Num	8	TIME5.	

Data Set Name WORK.HYMOV07

Observations 7751

Member Type	DATA	Variables	17
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:21 PM	Observation Length	136
Last Modified	Thursday, April 24, 2008 03:07:21 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Label
7	COND	Num	8	8.1	Conductivity
12	DATE	Num	8	DATE7.	DayMonthYear
3	DAY	Num	8	4.	Day
4	DEPTH	Num	8	4.1	Sample Depth (m)
13	DIS	Num	8	8.1	Distance (km)
6	DO	Num	8	8.1	Dissolved Oxygen (mg/l)
2	MONTH	Num	8	8.	Month
9	ORP	Num	8	5.	Oxidation Reduction Potential
8	PH	Num	8	8.1	pH
10	SAL	Num	8	8.1	Salinity (ppt)
11	SASDATE	Num	8	6.	SAS Date
14	SOURCE	Char	4		Data Source
16	STATION	Num	8	6.	
5	TEMP	Num	8	8.1	Temperature (C)
15	TYPE	Char	6		Moving or Fixed
1	YEAR	Num	8	8.	Year
17	time	Num	8	TIME5.	

Data Set Name WORK.HYFIX07

Observations

16085

Member Type	DATA	Variables	16
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:21 PM	Observation Length	128
Last Modified	Thursday, April 24, 2008 03:07:21 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Label
12	COND	Num	8	8.	Specific Conductance (us/cm)
6	DATE	Num	8	DATE7.	Date
10	DAY	Num	8		Day
5	DEPTH	Num	8	8.1	Sampling Depth (m)
4	DIS	Num	8		River Kilometer of Site Location
13	DO	Num	8	8.2	Dissolved Oxygen (mg/L)
9	MONTH	Num	8	8.	Month
14	PH	Num	8	8.2	pH Water Whole Field (std.units)
16	SAL	Num	8	8.1	Salinity (ppt)
3	SASDATE	Num	8		SAS Date
1	SOURCE	Char	4		Collected By
15	STATION	Num	8	6.	
11	TEMP	Num	8	8.1	Temperature (C)
7	TIME	Num	8	TIME5.	Time
2	TYPE	Char	5		Moving or Fixed
8	YEAR	Num	8	8.	Year

Data Set Name WORK.CFIX9607

Observations 1366

Member Type	DATA	Variables	40
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:21 PM	Observation Length	312
Last Modified	Thursday, April 24, 2008 03:07:21 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Label
23	ALK	Num	8		Alkalinity Lab (mg/L as CaCO3)
33	CF1	Num	8		> 20 um Size Fraction
34	CF2	Num	8		20> <5 um Size Fraction
35	CF3	Num	8		> 5 um Size Fraction
32	CHLA	Num	8	8.2	Chlorophyll a (ug/L)
39	CHLB	Num	8	8.2	Chlorophyll b (mg/m3)
40	CHLC	Num	8	8.2	Chlorophyll c (mg/m3)
19	CL	Num	8		Chloride Dissolved (mg/l as Cl)
11	COLOR	Num	8		Color (Platinum-cobalt units)
1	DATE	Num	8	DATE7.	Date
4	DAY	Num	8		Day
9	DEP	Char	3	\$3.	Surface or Bottom Sample
6	DIS	Num	8		Distance from Mouth of River
17	DOC	Num	8		Carbon, Organic dissolved (mg/l as C)
25	DOP	Num	8		Dissolved Orthophosphate (mg/L)
18	IOC	Num	8		Carbon, Inorganic Total (mg/l as C)
36	IRON	Num	8		Iron (mg/L)
3	MONTH	Num	8		Month
15	N23	Num	8		Nitrogen, NO2+NO3 Total (mg/l as N)
37	NH34	Num	8		Ammonia/Ammonium (mg/l)
26	NP	Num	8	8.1	Ration of Available Nitrogen to Phosphorus
28	NPA	Num	8	8.1	Atomic Ration of Available Nitrogen to Phosphorus
30	ONIT	Num	8		Organic Nitrogen (mg/L)
22	OP	Num	8		Phosphorus Ortho Total (mg/l as P)
5	SASDATE	Num	8		SAS Date
20	SI	Num	8		Silica, Dissolved (mg/l as SiO2)
7	SOURCE	Char	4		Collected By
24	STATION	Num	8		Station Number
14	TKN	Num	8		Nitrogen, Total Kjeldahl (mg/l as N)
31	TN	Num	8		Total Nitrogen (mg/L)
27	TNTP	Num	8	8.1	Ration of Total Nitrogen to Phosphorus
29	TNTPA	Num	8	8.1	Atomic Ration of Total Nitrogen to Phosphorus
16	TOC	Num	8		Carbon, Organic Total (mg/l as C)
21	TP	Num	8		Phosphorus, Phosphorus Total (mg/l as P)
13	TSS	Num	8		Residue Volatile, suspended (mg/l)
10	TURB	Num	8		Turbidity (NTU)
8	TYPE	Char	5		Moving or Fixed
12	VSS	Num	8		Residue Total at 105 degC susp (mg/l)
2	YEAR	Num	8		Year
38	time	Num	8	TIME5.	



Data Set Name WORK.EFIX9607

Observations 1617

Member Type	DATA	Variables	13
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:21 PM	Observation Length	96
Last Modified	Thursday, April 24, 2008 03:07:21 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Label
9	DATE	Num	8	DATE8.	Sampling Date
2	DAY	Num	8		Day
12	DIS	Num	8		River Kilometer
5	EXC	Num	8		Extinction Coefficient
1	MONTH	Num	8		Month
6	OPD01	Num	8		1% Light Depth
7	OPD10	Num	8		10% Light Depth
8	OPD50	Num	8		50% Light Depth
10	SASDATE	Num	8		
13	SOURCE	Char	3		
4	STATION	Num	8		EQL Station #
11	TYPE	Char	5		
3	YEAR	Num	8		Year

Data Set Name WORK.HH07

Observations

377083

Member Type	DATA	Variables	15
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:21 PM	Observation Length	112
Last Modified	Thursday, April 24, 2008 03:07:21 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Label
6	CONDBOT	Num	8		Bottom Conductance (uS/cm @25C)
5	CONDSURF	Num	8		Surface Conductance (uS/cm @25C)
2	DATE	Num	8	DATE7.	Date
11	DAY	Num	8		Day
15	DIS	Num	8		Distance from Mouth of River
1	GAGE	Char	8		USGS Gage Number
4	GHEIGHT	Num	8		Gage Height (feet)
10	MONTH	Num	8		Month
12	SASDATE	Num	8		SAS Date
13	SOURCE	Char	4		Collected By
8	TEMPBOT	Num	8		Bottom Temperature (degrees C)
7	TEMPSURF	Num	8		Surface Temperature (degrees C)
3	TIME	Num	8	TIME5.	Time
14	TYPE	Char	4		Moving, Fixed or Gage
9	YEAR	Num	8		Year

Data Set Name WORK.PRH07

Observations

342694

Member Type	DATA	Variables	15
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:29 PM	Observation Length	112
Last Modified	Thursday, April 24, 2008 03:07:29 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Label
6	CONDBOT	Num	8		Bottom Conductance (uS/cm @25C)
5	CONDSURF	Num	8		Surface Conductance (uS/cm @25C)
2	DATE	Num	8	DATE7.	Date
11	DAY	Num	8		Day
15	DIS	Num	8		Distance from Mouth of River
1	GAGE	Char	8		USGS Gage Number
4	GHEIGHT	Num	8		Gage Height (feet)
10	MONTH	Num	8		Month
12	SASDATE	Num	8		SAS Date
13	SOURCE	Char	4		Collected By
8	TEMPBOT	Num	8		Bottom Temperature (degrees C)
7	TEMPSURF	Num	8		Surface Temperature (degrees C)
3	TIME	Num	8	TIME5.	Time
14	TYPE	Char	4		Moving, Fixed or Gage
9	YEAR	Num	8		Year

<b>Data Set Name</b>	<b>WORK.MZ4_07</b>	<b>Observations</b>	<b>62212</b>
Member Type	DATA	Variables	13
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:34 PM	Observation Length	96
Last Modified	Thursday, April 24, 2008 03:07:34 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

#### Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
9	COND	Num	8			Specific Conductance (uS/cm @ 25C)
6	DAY	Num	8			
13	DIS	Num	8			Distance from River Mouth (kilometers)
1	Date	Num	8	DATE9.	DATE9.	Date
10	GAGE	Char	3			Gage Location ID
5	MONTH	Num	8			
8	SASDATE	Num	8			SAS Date
11	SOURCE	Char	5			Collected By
4	Salinity	Num	8			Salinity
12	TYPE	Char	4			Fixed Location
3	Temp	Num	8			Temperature (degree C)
2	Time	Num	8	TIME8.	TIME8.	Time
7	YEAR	Num	8			

<b>Data Set Name</b>	<b>WORK.MZ3_07</b>	<b>Observations</b>	<b>61828</b>
Member Type	DATA	Variables	13
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:34 PM	Observation Length	96
Last Modified	Thursday, April 24, 2008 03:07:34 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

#### Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
9	COND	Num	8			Specific Conductance (uS/cm @ 25C)
6	DAY	Num	8			
13	DIS	Num	8			Distance from River Mouth (kilometers)
1	Date	Num	8	DATE9.	DATE9.	Date
10	GAGE	Char	3			Gage Location ID
5	MONTH	Num	8			
8	SASDATE	Num	8			SAS Date
11	SOURCE	Char	5			Collected By
4	Salinity	Num	8			Salinity
12	TYPE	Char	4			Fixed Location
3	Temp	Num	8			Temperature (degree C)
2	Time	Num	8	TIME8.	TIME8.	Time
7	YEAR	Num	8			

Data Set Name WORK.MZ2\_07

Observations

62773

Member Type	DATA	Variables	13
Engine	V9	Indexes	0
Created	Thursday, April 24, 2008 03:07:34 PM	Observation Length	96
Last Modified	Thursday, April 24, 2008 03:07:34 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
9	COND	Num	8			Specific Conductance (uS/cm @ 25C)
6	DAY	Num	8			
13	DIS	Num	8			Distance from River Mouth (kilometers)
1	Date	Num	8	DATE9.	DATE9.	Date
10	GAGE	Char	3			Gage Location ID
5	MONTH	Num	8			
8	SASDATE	Num	8			SAS Date
11	SOURCE	Char	5			Collected By
4	Salinity	Num	8			Salinity
12	TYPE	Char	4			Fixed Location
3	Temp	Num	8			Temperature (degree C)
2	Time	Num	8	TIME8.	TIME8.	Time
7	YEAR	Num	8			

<b>Data Set Name</b>	<b>WORK.BOCA04</b>	<b>Observations</b>	<b>280688</b>
Member Type	DATA	Variables	10
Engine	V9	Indexes	0
Created	Thursday, May 03, 2007 01:12:21 PM	Observation Length	80
Last Modified	Thursday, May 03, 2007 01:12:21 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Label
2	DATE	Num	8	DATE7.	Date
7	DAY	Num	8		Day
1	GAGE	Char	15		USGS Gage Number
4	GHEIGHT	Num	8		Gage Height (feet)
6	MONTH	Num	8		Month
8	SASDATE	Num	8		SAS Date
10	SOURCE	Char	4		
3	TIME	Num	8	TIME5.	Time
9	TYPE	Char	4		
5	YEAR	Num	8		Year

<b>Data Set Name</b>	<b>WORK.CHALL_2</b>	<b>Observations</b>	<b>3546</b>
Member Type	DATA	Variables	37
Engine	V9	Indexes	0
Created	Thursday, May 03, 2007 01:12:23 PM	Observation Length	296
Last Modified	Thursday, May 03, 2007 01:12:23 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

**Alphabetic List of Variables and Attributes**

#	Variable	Type	Len	Format	Label
24	ALK	Num	8	6.1	Alkalinity-CaCO3 (mg/l)
26	CA	Num	8	6.1	Calcium Hardness (mg/l)
13	CHLA	Num	8	7.1	Chlorophyll a (ug/l)
14	CL	Num	8	7.1	Chloride (mg/l)
17	COLOR	Num	8	5.	Color (CPU)
3	D	Num	8		Day
23	DAY	Num	8		Day
18	DEPTH	Num	8		
37	DO	Num	8		Dissolved Oxygen (mg/l)
19	DOC	Num	8		Dissolved Organic Carbon (mg/l)
31	F	Num	8	6.2	Fluoride (mg/l)
32	FC	Num	8	5.	Fecal Coliform Bacteria (c/100 ml)
20	FE	Num	8		Iron (mg/l)
33	FS	Num	8	5.	Fecal Strep. Bacteria (c/100 ml)
25	HARD	Num	8	5.	Hardness-CaCO3 (mg/l)
11	IOC	Num	8	7.1	Inorganic Carbon (mg/l)
2	M	Num	8		Month
27	MG	Num	8	6.1	Magnesium Hardness (mg/l)
22	MONTH	Num	8		Month
4	N23	Num	8	6.3	Nitrite/Nitrate (mg/l)
5	NH3	Num	8	6.3	Ammonia/Ammonium (mg/l)
8	OP	Num	8	6.3	Orthophosphorus (mg/l)
30	PH	Num	8		
15	SASDATE	Num	8		SAS Date
9	SI	Num	8	6.2	Silica (mg/l)
28	SO4	Num	8	6.1	Sulfate (mg/l)
16	STATION	Num	8		Station Number
34	TC	Num	8	5.	Total Coliform Bacteria (c/100 ml)
36	TCOL	Num	8		Total Coliform Bacteria (c/100 ml)
29	TDS	Num	8	5.	Total Dissolved Solids (mg/l)
35	TEMP	Num	8		
6	TKN	Num	8	6.2	Total Kjeldahl Nitrogen (mg/l)
10	TOC	Num	8	7.1	Total Organic Carbon (mg/l)
7	TP	Num	8	6.2	Total Phosphorus (mg/l)
12	TURB	Num	8	4.1	turbidity (NTU)
1	Y	Num	8		Year
21	YEAR	Num	8		Year

<b>Data Set Name</b>	<b>WORK.HYDROALL</b>	<b>Observations</b>	<b>22515</b>
Member Type	DATA	Variables	13
Engine	V9	Indexes	0
Created	Thursday, May 03, 2007 01:12:23 PM	Observation Length	104
Last Modified	Thursday, May 03, 2007 01:12:23 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
7	COND	Num	8	Conductivity (mmho)
3	DAY	Num	8	Day
5	DEPTH	Num	8	Depth (meters)
6	DO	Num	8	Dissolved Oxygen (mg/l)
2	MONTH	Num	8	Month
9	ORP	Num	8	Oxidation Reduction Potential
8	PH	Num	8	pH
10	SAL	Num	8	Salinity o/oo
12	SASDATE	Num	8	SAS Date
11	SAT	Num	8	Percent Oxygen Saturation
4	STATION	Num	8	Station Number
13	TEMP	Num	8	Temperature (C)
1	YEAR	Num	8	Year