

Sector Miami Hurricane & Natural Disaster Plan 2015



Captain of the Port Mission

Ensure all elements of the Marine Transportation System (MTS) and vessels in the possible path of an approaching hurricane or severe storm are prepared at least twelve hours prior to its arrival to minimize negative impacts



MTS = Essential Elements



Critical Aids to Navigation

Bridges

Bulk Liquid Facilities

Containerized Cargo Facilities

Shipyards

High Capacity Passenger

Vessels and Ferry Terminals

Small Passenger Vessels

Barges

Vessel Salvage/Wreck

Removal

Oil / HAZMAT Pollution

Federal waterways

COTP Mission (Community)



- Execute post storm response operations in support of the public:
 - Search and Rescue
 - Emergency support to local and county emergency managers

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

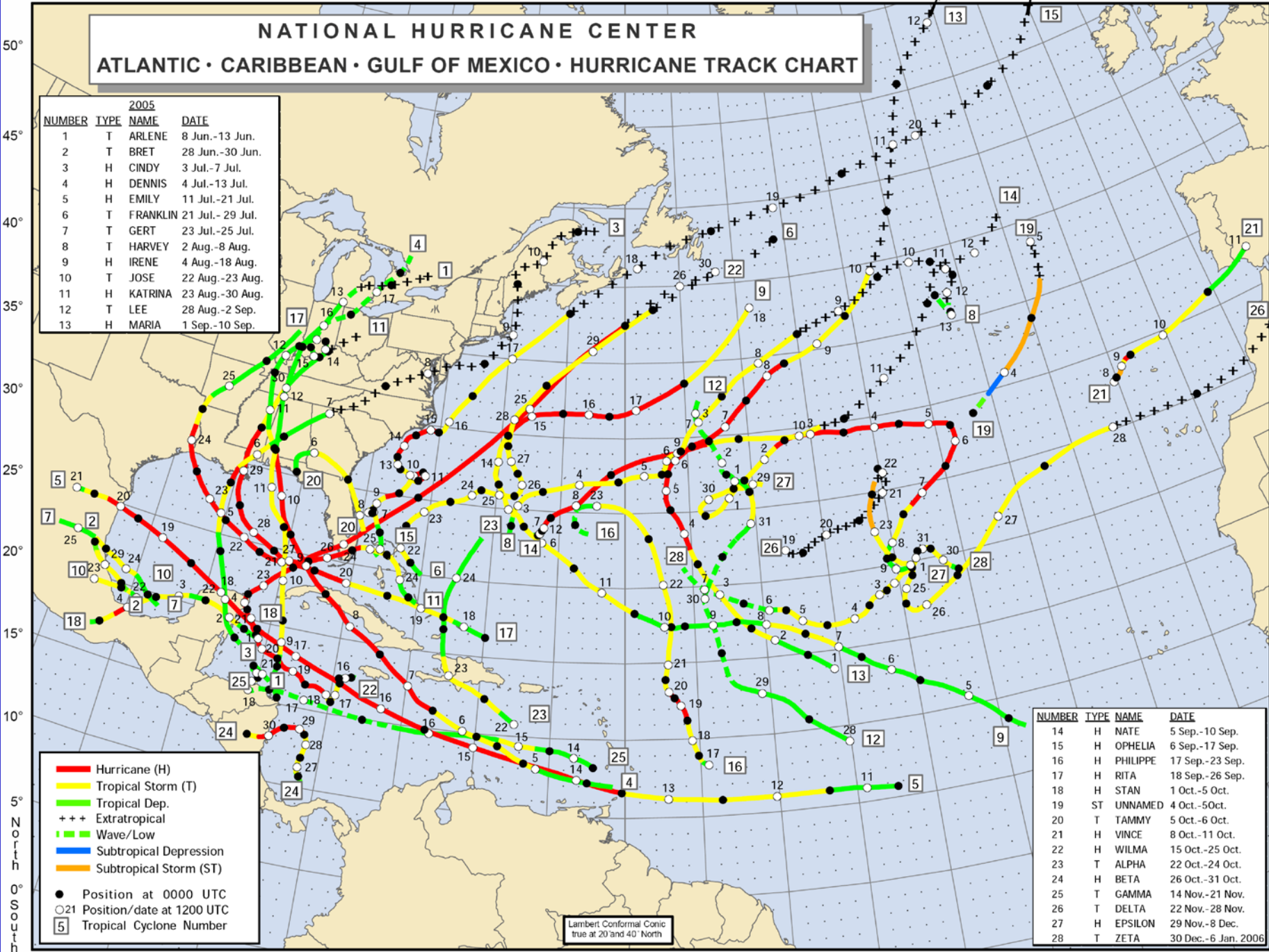
NUMBER	TYPE	2005 NAME	DATE
1	T	ARLENE	8 Jun.-13 Jun.
2	T	BRET	28 Jun.-30 Jun.
3	H	CINDY	3 Jul.-7 Jul.
4	H	DENNIS	4 Jul.-13 Jul.
5	H	EMILY	11 Jul.-21 Jul.
6	T	FRANKLIN	21 Jul.-29 Jul.
7	T	GERT	23 Jul.-25 Jul.
8	T	HARVEY	2 Aug.-8 Aug.
9	H	IRENE	4 Aug.-18 Aug.
10	T	JOSE	22 Aug.-23 Aug.
11	H	KATRINA	23 Aug.-30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

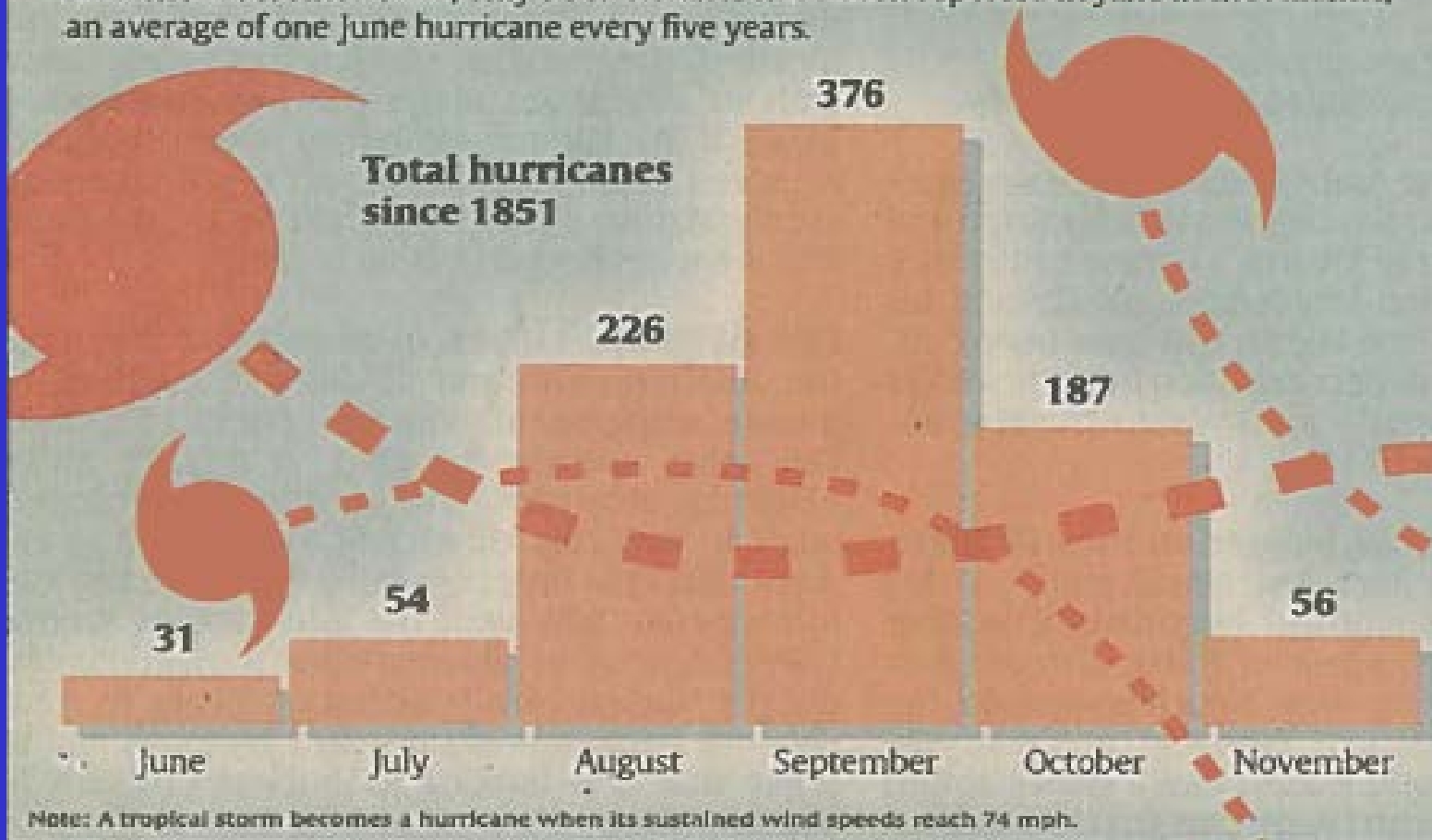


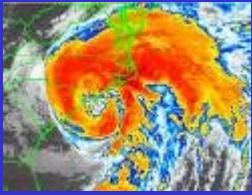


Seasonal Average

Hurricane season off to typically slow start

No hurricanes have formed yet this year in the Atlantic, and that's not unusual: June is typically the quietest month of the Atlantic hurricane season, which runs from June 1 until November 30. Since 1851, only 31 hurricanes have been reported in June in the Atlantic, an average of one June hurricane every five years.



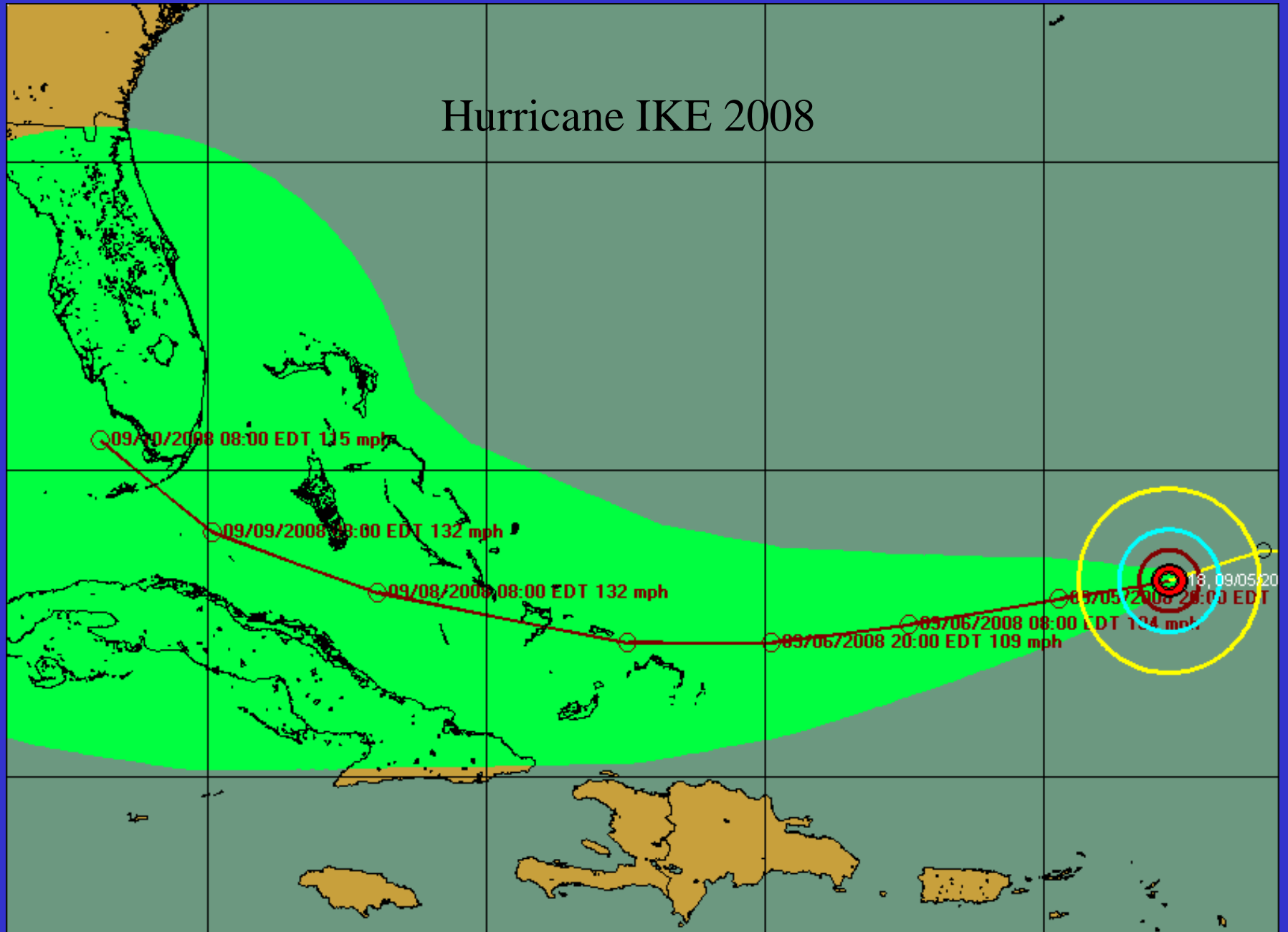


USCG Preparedness Definition

Tropical Storm Force Winds - 39-54 MPH

Readiness Conditions are based upon the approach of SUSTAINED Tropical Storm Force Winds associated with Tropical Cyclone activity (Depressions, Storms Hurricanes)

Hurricane IKE 2008

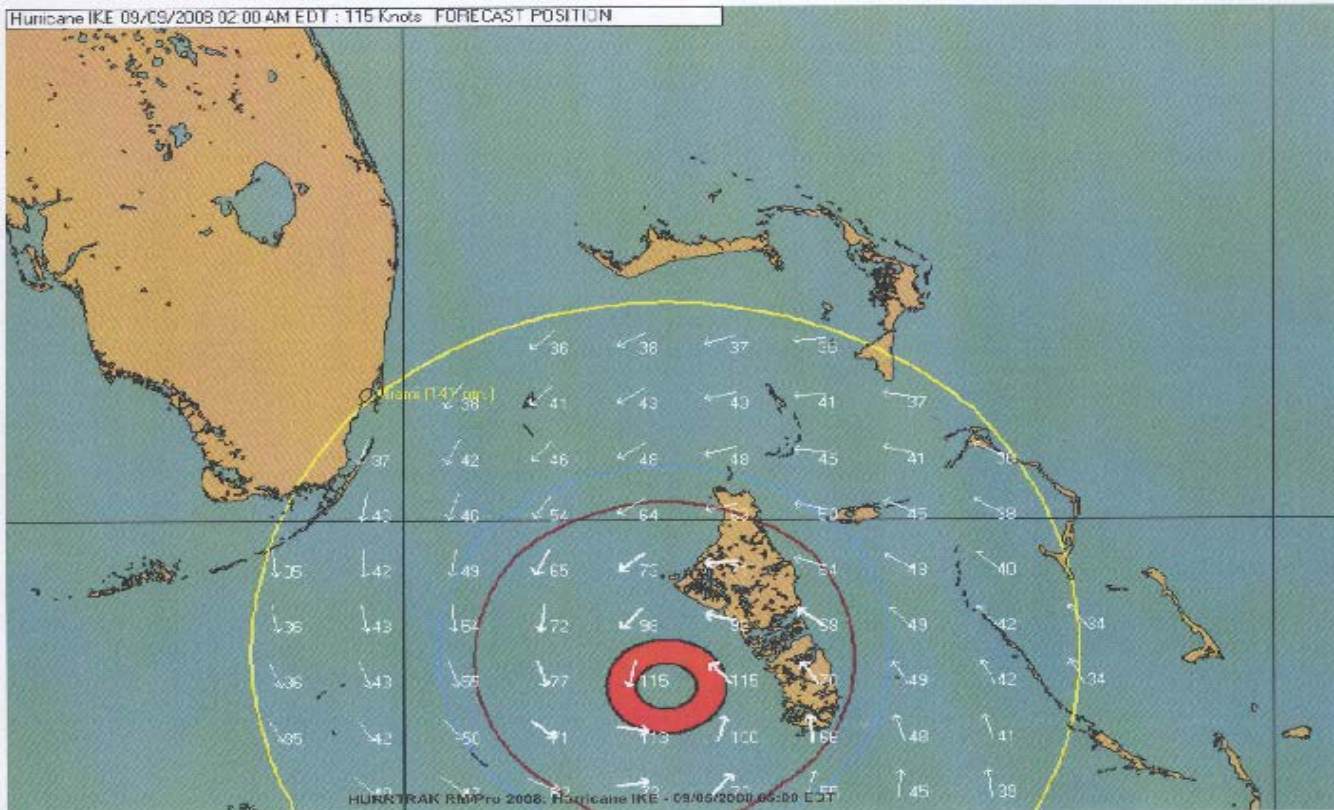





Coast Guard Sector Miami:

Expect Tropical Storm Force winds 9 Sept 08 at 0200.


HURRTRAK RM/Pro 2008: Hurricane IKE - 09/05/2008 05:00 EDT
Maximum Sustained Winds: 110 KNOTS / Category 3
Forward Motion: 14 knots towards the West




Port Hurricane Conditions

Condition	Set by COTP	Port Status
<p data-bbox="112 472 440 549">Whiskey</p> <p data-bbox="112 644 550 696">"Watch Condition"</p> 	<p data-bbox="691 468 1226 629">Sustained Tropical Storm force winds are forecast within <u>72 hrs.</u></p> <p data-bbox="691 786 1232 1011">COTP will commence the teleconference cycle with the <u>Severe Weather Advisory Team (SWAT)</u></p>	<p data-bbox="1271 468 1798 629">Facilities begin removing all debris and secure flying hazards</p> <p data-bbox="1271 719 1818 939">Implement container stacking plans; if unable to lower to 4 high must seek approval from COTP</p>

Port Hurricane Conditions

Condition	Set by COTP	Port Status
<p data-bbox="112 405 343 479">X-Ray</p> <p data-bbox="112 576 548 625">"Watch Condition"</p> 	<p data-bbox="691 399 1228 559">Sustained Tropical Storm force winds are forecast within <u>48 hrs.</u></p> <p data-bbox="691 648 1224 865">COTP will deploy liaisons to County EOCs to coordinate bridge lock-downs</p>	<p data-bbox="1271 399 1785 559">Facilities secure hazmat and potential pollution sources</p> <p data-bbox="1271 648 1808 865">Vessels >500GT prepare to depart port by Yankee or submit mooring plans to COTP by Yankee</p> <p data-bbox="1271 956 1800 1059">Facilities lower container stacks to 4 high</p> <p data-bbox="1271 1150 1719 1253">Prepare to terminate cargo operations</p>

Port Hurricane Conditions

Condition	Set by COTP	Port Status
<p data-bbox="98 475 407 539">YANKEE</p> <p data-bbox="98 646 581 704">"Warning Condition"</p>  A large blue and white container ship is docked at a port. The ship is viewed from an elevated angle, showing its deck and the stacks of containers. The ship's name 'YANKEE' is visible on the side. The port area includes a pier, some buildings, and other smaller vessels in the background.	<p data-bbox="691 468 1224 629">Sustained Tropical Storm force winds are forecast within <u>24 hrs.</u></p> <p data-bbox="691 722 1219 936">Note: some bridges may be locked down if experiencing high gusts of wind</p>	<p data-bbox="1271 468 1754 572">Port closed to inbound traffic</p> <p data-bbox="1271 665 1760 826">Vessels >500GT must depart port/anchorage unless COTP approved</p> <p data-bbox="1271 919 1740 1133">Terminate facility operations not associated with storm preparations</p>

Port Hurricane Conditions

Condition	Set by COTP	Port Status
<p>ZULU</p> <p>"Danger Condition"</p>	<p>Sustained Gale force winds are forecast within <u>12 hrs.</u></p> <p>Most if not all bridges should be expected to be locked-down</p>	<p>All vessels >500GT must have departed port/anchorage unless COTP approved</p> <p>Port is closed to waterfront activities</p> <p>All facility operations must cease unless specifically approved by COTP</p>



Port Hurricane Conditions

Condition	Set by COTP	Port Status
<p>Post Storm</p> <p>"Assess, Reconstitute, and Recovery Phase"</p>	<p>Storm has passed, Winds less than Tropical Storm Force</p> <p>Reopen shipping channel(s) and ports when weather conditions permit</p> <p>Port Teams assess ATON, Facility and waterway status</p> <p>Coordinate bridge re-opening with County EOCs</p>	<p>Affected Ports - No vessel movement until ATON and channel surveys are conducted</p> <p>Facilities conduct damage assessment – reconstitute Facility Security Plans – <u>no commercial activity until Security Plans are recovered</u></p> <p><u>No waterside activity unless approved by COTP</u></p>


WATER LEVEL





EMERGENCY RELEASE

<http://homeport.uscg.mil/miami>



HOMEPORT

U.S. Department of Homeland Security
UNITED STATES COAST GUARD

Home | Login | Register



Missions Port Directory Library

Port Directory

SECTOR MIAMI (07-37110)
100 MACARTHUR CAUSEWAY
MIAMI BEACH, FL 33139
Primary Phone: 305-535-8700
Emergency Phone: 305-535-4472/4473
Fax Number: 305-535-8751
Rescue 21 VHF DSC MMSI Number: 003669919
URL: <http://www.uscg.mil/d7/unit/SecMiami/index.htm>

Quick Link <http://homeport.uscg.mil/miami>
[Contact Us](#)

Select Coast Guard Unit: MIAMI



National Response Center Number: 800-424-8002 - Contact the NRC for oil spills, hazmat releases, and America's Waterway Watch.

News and Events
[News and Events](#)
[Port Conditions](#)

Coast Guard Prevention
[Commercial Fishing](#)

- [EPIRB Registration](#)

[Container Inspections](#)
[Domestic Vessel Inspection](#)

- [Vessel Response Plans - Salvage and Marine Firefighting Requirements](#)
- [Reporting modifications to inspected passenger vessels](#)
- [US NAVY Salvage Manual](#)
- [Electronic Navigation Publications](#)
- [Passenger weight changes- Federal Register](#)

[more...](#)

[Drug And Alcohol Program](#)

- [Marine Employers Drug Testing Information](#)

[Facility Inspections](#)

- [Port Information Bulletin - Facility Response Plan \(FRP\) Updates](#)
- [Hotwork Permit Policy](#)

[Homeland Security](#)

- [MSIB 09-005 Security Incident Reporting](#)
- [MSIB 08-001 TWIC Enrollment Center, Port of Miami](#)
- [Security Boarding Procedures For COTP Miami Zone](#)


[Investigations](#)

- [Mandatory requirement for reportable marine casualties.](#)

[Port State Control \(Foreign Vessel Boardings\)](#)

- [Vessel Response Plans - Salvage and Marine Firefighting Requirements](#)
- [Special Procedures for Specific Last Ports of Call](#)

COTP MARSEC Level
[COTP MARSEC Level](#)



Port Status Information
[Port Status Information](#)

MIAMI Port Status Information

Port	Status
FORT PIERCE	OPEN
JUPITER	OPEN
MIAMI	OPEN
MIAMI RIVER	OPEN
PALM BEACH	OPEN
PORT EVERGLADES	OPEN
STUART	OPEN



Any Questions????

