



Tropical Cyclone *Quick Reference Guide* 2004

U.S. Navy Atlantic Tropical Web Site: <http://www.nlmoc.navy.mil>
 Atlantic Tropical Cyclone Update Line: 757.444.7356 DSN 564.7356

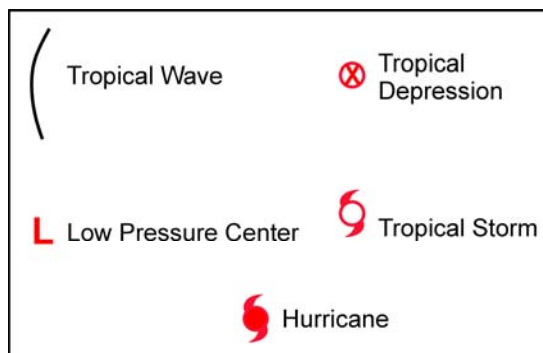
Naval Atlantic Meteorology & Oceanography Center, 9141 Third Ave, Norfolk VA 23511-2394

Atlantic Tropical Cyclone Season: 01 June - 30 November

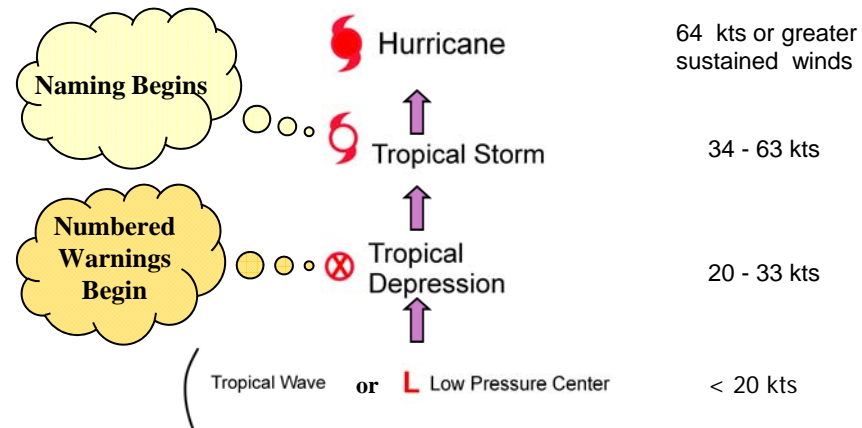
2004 Atlantic Tropical Cyclone Names

Alex	Lisa
Bonnie	Matthew
Charley	Nicole
Danielle	Otto
Earl	Paula
Frances	Richard
Gaston	Shary
Hermine	Thomas
Ivan	Virginie
Jeanne	Walter
Karl	

Tropical Cyclone Symbols



Stages of Tropical Cyclone Development

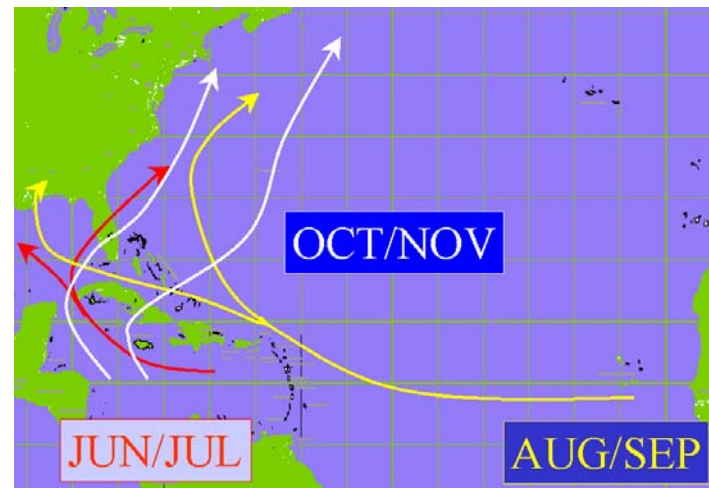


Saffir-Simpson Scale - Hurricane Destruction Potential

Category	Sustained Wind Speed (knots)	Sustained Wind Speed (mph)	Storm Surge (ft)	Damage
1	64 - 82	74 - 95	4 - 5	Minimal
2	83 - 95	96 - 110	6 - 8	Moderate
3	96 - 113	111 - 130	9 - 12	Extensive
4	114 - 135	131 - 155	13 - 18	Extreme
5	> 135	> 155	> 18	Catastrophic

NOTE: Category 3, 4, & 5 are considered **MAJOR** hurricanes

Tropical Cyclones: Development Areas and Movement





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DoD Tropical Cyclone Conditions of Readiness (COR)

(time to onset of destructive winds)

- COR V** Possible within 96 hours
- COR IV** Possible within 72 hours
- COR III** Possible within 48 hours
- COR II** Anticipated within 24 hours
- COR I** Anticipated within 12 hours

Sortie Conditions

- Charlie** - Prepare to sortie within **48** hours
- Bravo** - Expected sortie within **24** hours
- Alpha** - Commence sortie to sea

National Hurricane Center Warnings

(issued to general public)

- Hurricane/Tropical Storm Watch** 36 hours
- Hurricane/Tropical Storm Warning** 24 hours

Family Evacuation Considerations



- Maintain Disaster Supplies Kit
- Evacuation recommendations are made by civil authorities, not the base or ship.
- Plan to evacuate early.
- Ensure that someone knows where you are going; (your command, friends or relatives)
- Take: proper identification, bedding material, important papers, cash, cell phone.
- Eat well before leaving.
- Take action to protect property left behind.
- Access back to your property may become limited.
- Monitor traffic and weather conditions.
- Go before strong (35kt) winds arrive.



Disaster Supplies Kit

- 3-day supply of water (one gallon per person per day)
- 3-day supply of food that will not spoil
- canned food, can opener
- one change of clothing and footwear per person
- one blanket or sleeping bag per person
- a first aid kit, including prescription medicines
- emergency tools, including a battery-powered NOAA Weather Radio and a portable radio,
- flashlight, and plenty of extra batteries
- an extra set of car keys and a credit card or cash
- special items for infant, elderly, or disabled family members.

This kit should be portable!