

**Clearance time is the time it takes to evacuate an area. In a large urban area like Miami-Dade County, this can be two days. If the order to evacuate is given today,**

**CLEARANCE TIME = DAY AFTER TOMORROW**

Friday 5 am,  
strengthening  
storm, forecast  
track coming  
right to us.  
Forecast to  
arrive early am  
Monday.

day

night

Saturday 5 am,  
developing into  
major  
hurricane,  
forecast track  
coming right to  
us. Forecast to  
arrive early am  
Monday.

day

night

Sunday 5 am,  
Cat 5  
hurricane,  
forecast track  
coming right  
to us.  
Forecast to  
arrive early  
am Monday.

day

Hurricane  
force winds  
midnight,  
eye on  
shore 5 am  
Monday

night

## SCENARIO ONE: FRIDAY 5 AM VIEW

This is a good scenario for evacuation. Two full days (daytime for driving) are available for a person to leave who decides late Friday to evacuate. (This was the scenario for Andrew in South Florida and Katrina on the Gulf Coast)

No tropical  
storm force  
winds  
forecast  
during the  
day  
Sunday: all  
day  
available for  
evacuation

Sunday 5 am, strengthening storm, we are "in the cone" but track turns north. Forecast to arrive Tuesday evening

day

night

Monday: only full day for evacuation

day

night

Tuesday

day

night

## SCENARIO TWO: SUNDAY FIVE AM VIEW

This is not as good a scenario. A person making the decision to evacuate Sunday has only one more full day to do it

Tropical storm force winds forecast to arrive mid-day; hurricane force winds in the evening

Sunday 5 am,  
strengthening  
storm, we are  
“in the cone”  
but track  
turns north.  
Forecast to  
arrive  
Tuesday  
evening

day

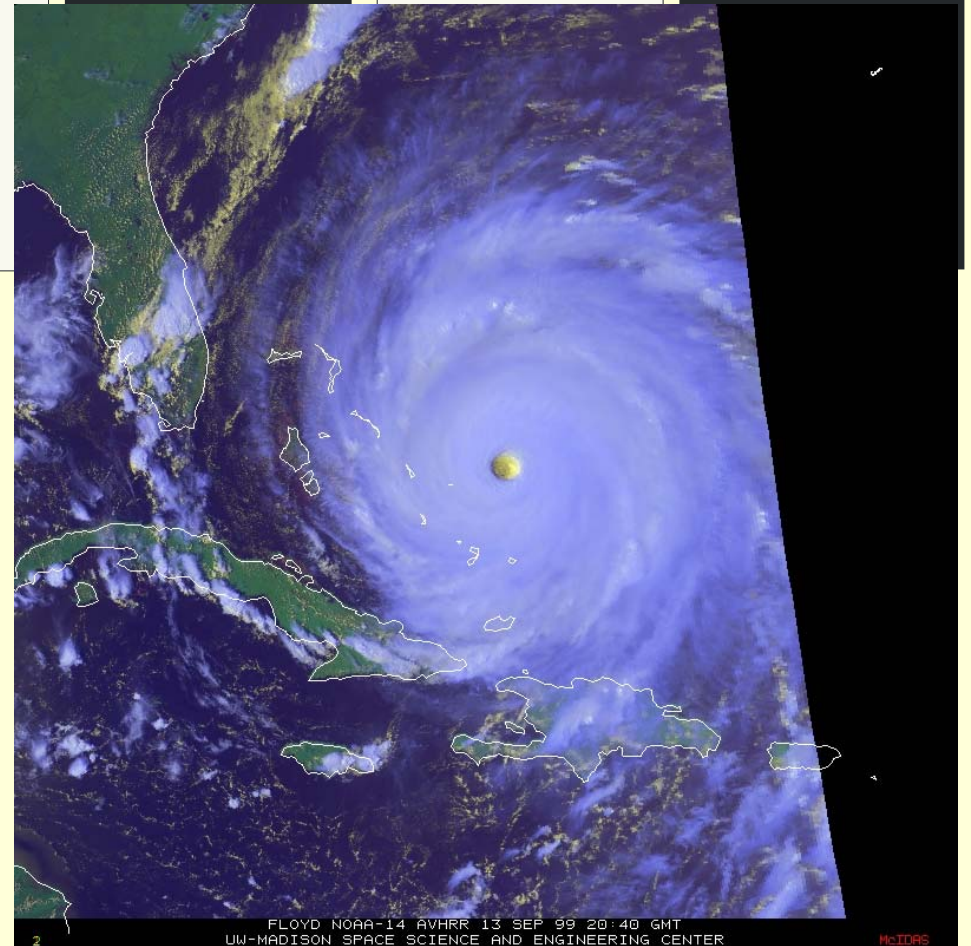
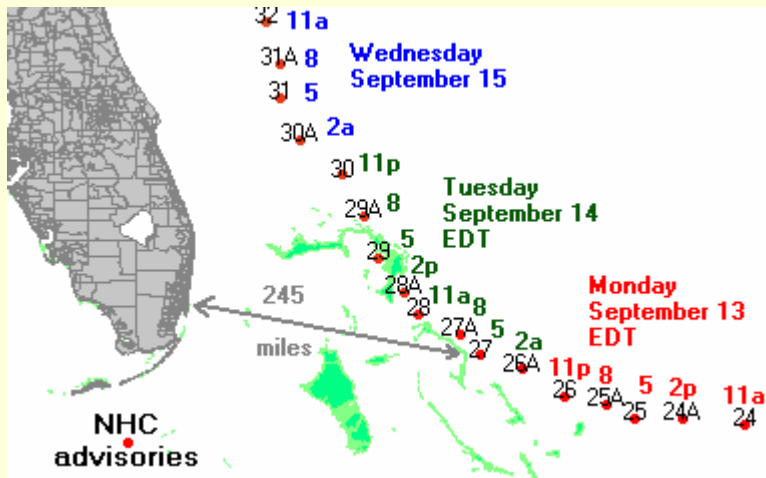
night

Monday:  
only full day  
for  
evacuation

day

Tuesday

Scenario Two is Hurricane Floyd  
approaching South Florida



**Floyd  
Sunday,  
forecast  
from 5 am  
advisory**

day

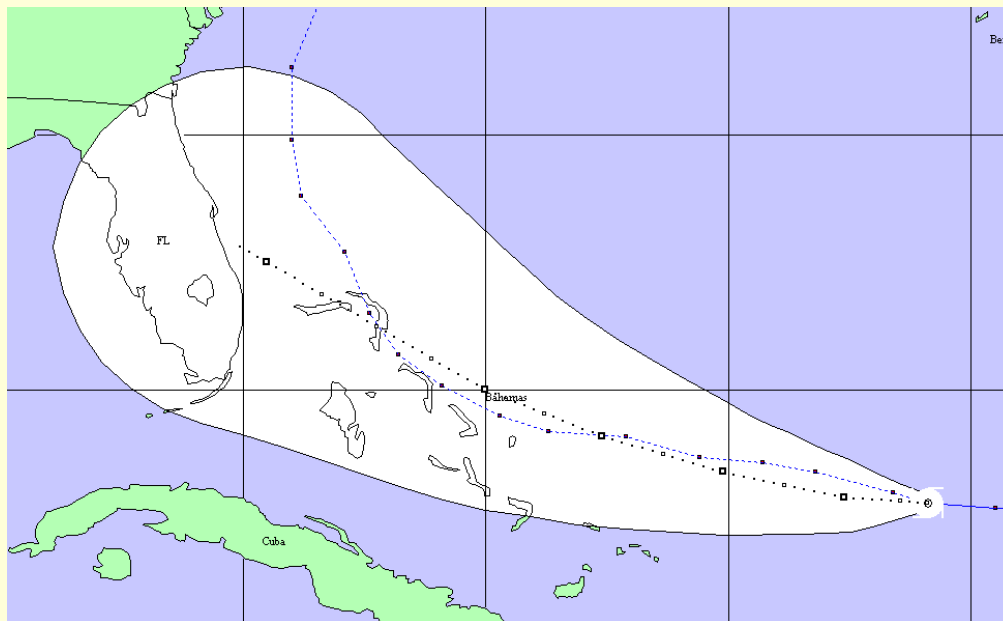
night

day

night

day

night



This is the “cone of probability” for Floyd Sunday morning. South Florida is in the cone and people in storm surge areas need to evacuate.

day

night

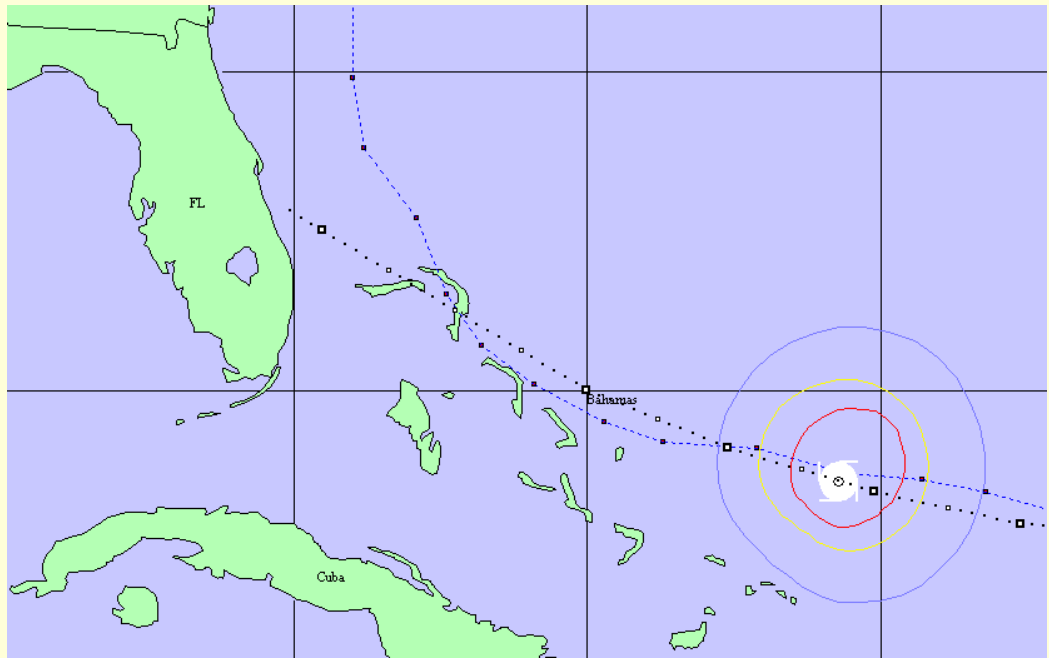
This is where the Sunday forecast says Floyd will be on Monday

night

day

night

Monday has to be evacuation day.  
Tuesday will be a mess (next slide).



day

night

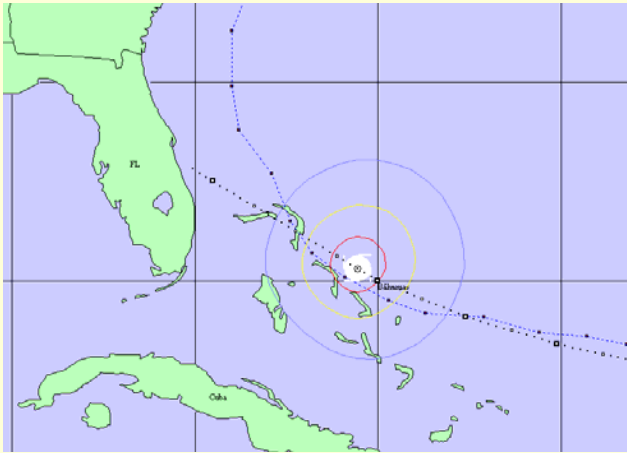
day

night

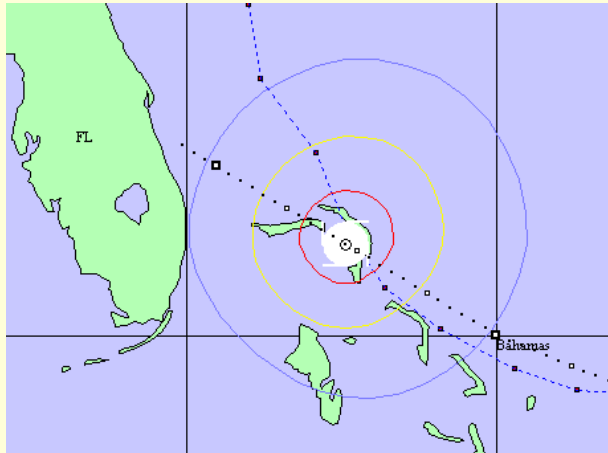
This is where the Sunday forecast says Floyd will be on Tuesday

day

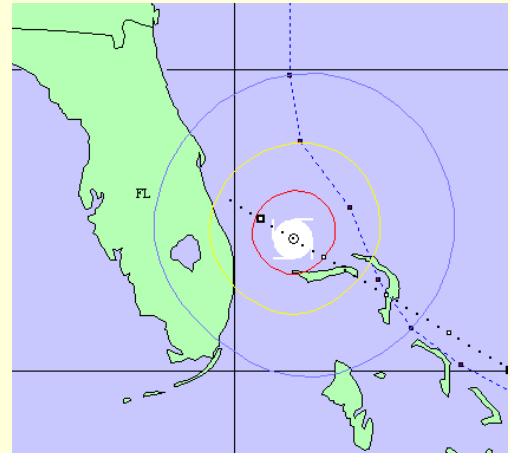
night



Forecast to happen 5 am Tuesday



Forecast to happen 3 pm Tuesday: tropical storm force winds on shore



Forecast to happen 11 pm Tuesday

# COMPARE WHAT HAPPENED WITH HURRICANE CHARLEY

What  
Wednesday  
2 pm  
forecast said  
Charley  
would be  
doing Friday  
afternoon

day

night

What  
Thursday 8  
am forecast  
said Charley  
would be  
doing Friday  
afternoon

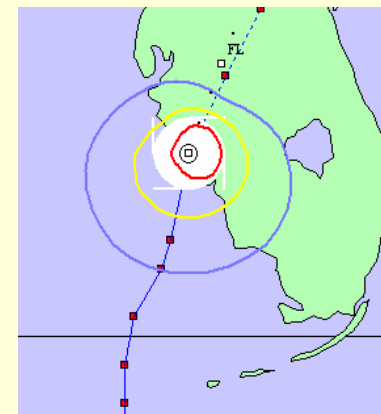
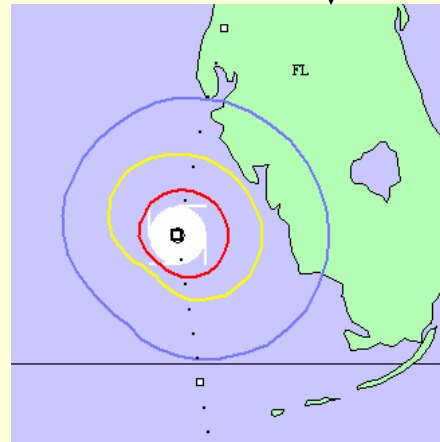
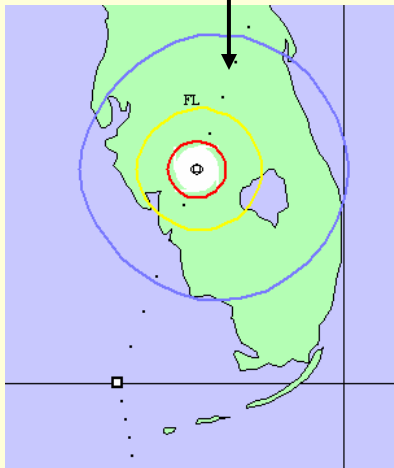
day

night

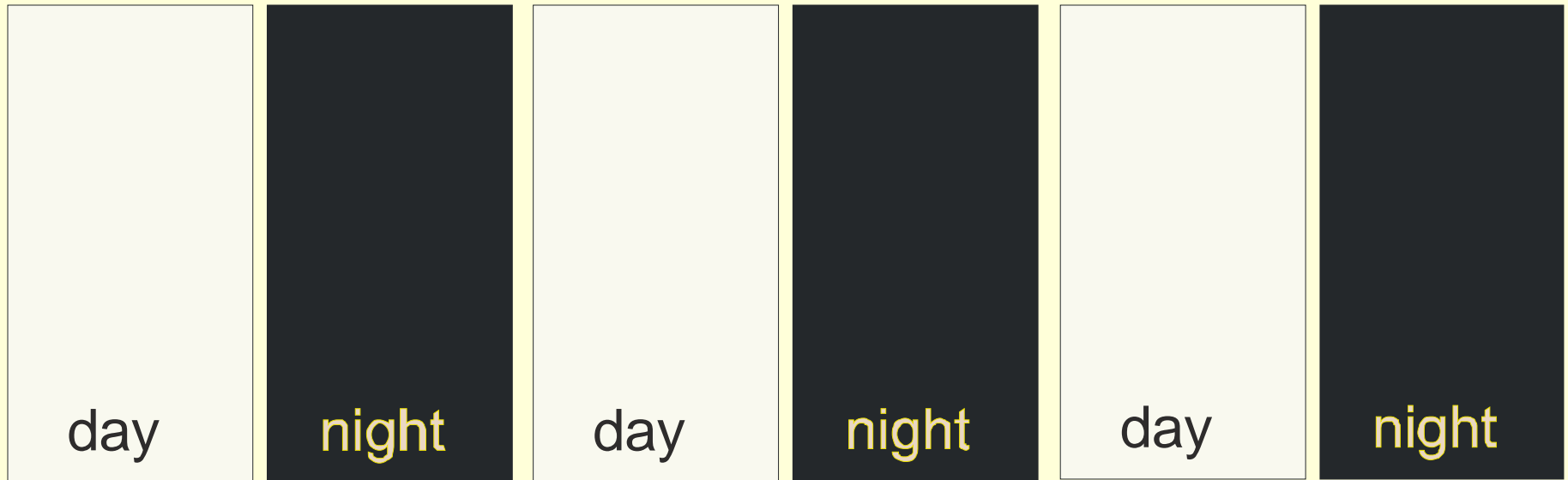
Hurricane  
Charley  
onshore in  
Florida  
Friday  
afternoon

day

night







**RESEARCH SHOWS THAT PEOPLE BASE EVACUATION DECISIONS ON THEIR PERCEPTIONS OF:**

**1. STORM RISK**

**2. SAFETY OF HOME**

**3. ABILITY AND TIME TO PREPARE AND GET OUT  
– THIS IS WHERE TIMING CAN BE A PROBLEM**