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
<table>
<thead>
<tr>
<th>Day</th>
<th>Night</th>
<th>Day</th>
<th>Night</th>
<th>Day</th>
<th>Night</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday 5 am, strengthening storm, forecast track coming right to us. Forecast to arrive early am Monday.</td>
<td></td>
<td>Saturday 5 am, developing into major hurricane, forecast track coming right to us. Forecast to arrive early am Monday.</td>
<td></td>
<td>Sunday 5 am, Cat 5 hurricane, forecast track coming right to us. Forecast to arrive early am Monday.</td>
<td></td>
</tr>
</tbody>
</table>

**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

**SCENARIO TWO: SUNDAY FIVE AM VIEW**

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

This is not as good a scenario. A person making the decision to evacuate Sunday has only one more full day to do it
Sunday 5 am, strengthening storm, we are “in the cone” but track turns north. Forecast to arrive Tuesday evening.

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

Scenario Two is Hurricane Floyd approaching South Florida.

Monday: only full day for evacuation.

Tuesday: only full day for evacuation.

NHC advisories
Floyd Sunday, forecast from 5 am advisory

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.
Monday has to be evacuation day. Tuesday will be a mess (next slide).
This is where the Sunday forecast says Floyd will be on Tuesday.

Forecast to happen 5 am Tuesday
Forecast to happen 3 pm Tuesday: tropical storm force winds on shore
Forecast to happen 11 pm Tuesday
What Wednesday 2 pm forecast said Charley would be doing Friday afternoon

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

Hurricane Charley onshore in Florida Friday afternoon

COMPARE WHAT HAPPENED WITH HURRICANE CHARLEY
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